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Phase I Environmental Site Assessment Report

EFI Global Project No.: 045.10352

Lampson Avenue Project

4665 Lampson Avenue
Los Alamitos, California 90720

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Prepared For:

Lampson Park Place LLC

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EXECUTIVE SUMMARY

EFI Global, Inc. has performed a Phase I Environmental Site Assessment (Phase I) for Lampson Park Place LLC (Client) for a commercial property located at 4665 Lampson Avenue, in Orange County, and the City of Los Alamitos, California, Assessor's Parcel Number (APN): 130-012-035. The research conducted for this study and the report prepared are in conformance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) standard and the ASTM International E1527-13 and E1527-21 scope of work.

SITE DESCRIPTION

According to our research and information provided by the Client, the following address has been found to be associated with the subject property: 4665 Lampson Avenue, Los Alamitos, California. The subject property is located on the north side of Lampson Avenue, approximately 860 feet west of Lunar Drive, in the City of Los Alamitos. The subject property parcel is approximately 12.36 acres in size and is developed with a two-story commercial office structure, which is approximately 88,000 square feet in size. The subject structure is currently unoccupied and was most recently occupied by WestEd (a non-profit educational research, development, and services agency), the California Department of Fish and Wildlife, National Comfort Institute, Inc. (NCI) (a heating, ventilation, and air conditioning [HVAC] training center), and James J. Mentas Attorney At Law. The exterior portions of the subject property consist of an asphalt paved parking lot on the west portion, two driveways on the southern portion, concrete paved access ways, and landscaped areas on all sides. The surrounding area is developed with residential, commercial, recreational, and agricultural properties. Groundwater is estimated to be approximately 5 to 15 feet below ground surface (bgs) in the area of the site and is assumed to flow towards the west-southwest.

- In the vicinity of the cooling equipment was a floor drain on the north portion, and two 55-gallon drums to the east with unknown contents. The drums appeared to partially contain a substance; however, no labels were noted on the containers. The drums were in good condition with no evidence of spills or stains in the vicinity. These drums should be properly characterized for disposal and removed if no longer in use.
- In the western enclosure was a 500-gallon diesel aboveground storage tank (AST). The diesel AST is utilized to fuel an emergency generator located in a south adjoining enclosure. Evidence of corrosion and spills was observed on the AST, and the concrete berm beneath appeared to be partially cracked. A Phase II Environmental Site Assessment was conducted at the subject property on September 2022, which is discussed in further detail in the User Provided Documents Section below.
- The subject structure is equipped with a hydraulic elevator along the southwestern portion of the building. The elevator equipment room was observed, with evidence of a large stain on the slightly cracked pavement. A Phase II Environmental Site Assessment was conducted at the subject property on September 2022, which is discussed in further detail in the User Provided Documents Section below.
- No significant limitations were encountered during our reconnaissance of the subject property.

- No significant hazardous material storage was observed at the site. Those interviewed, as persons familiar with the site were not aware of any negative environmental conditions associated with the property.
- The subject property is slated to be redeveloped for residential purposes and will include 102 single-family residential lots and 90 affordable multi-family units.

HISTORICAL LAND USE

According to EFI Global, Inc.'s interpretation of the historical research data, the subject property was undeveloped land sometime prior to 1896 through at least 1902. From at least 1928 to at least 1963, the subject property was developed for agricultural purposes. A small barn-like structure was located on the southwest portion of the subject property from 1928 to 1938. By 1938, the subject property was developed with an unpaved road on the west portion, running north to south, and the unpaved road was no longer present by 1947. In 1971, the subject property was redeveloped with the existing commercial structure on the central portion, a parking lot on the west portion, and landscaped areas in the remainder. The subject property has remained in this configuration through the present.

Historical occupants of the subject property have included: Southwest Regional Laboratory (educational research and development, 1972-1995), the Association of California School Administrators, Inc. (1987-1995), California State University (2005), State of California Fish and Game (2005-2010), WestEd (non-profit research, development, and services agency, 2005-2022), Law offices with various attorneys (2014-2022), California Department of Fish and Wildlife (2003-2022), and National Comfort Institute, Inc. (NCI) (an HVAC training center, 2010-2022). It should be noted that the subject property was vacant at the time of our site reconnaissance.

- None of the historical resources utilized as part of this assessment covered the period from 1903 to 1927, constituting a data gap. However, based on the undeveloped nature of the subject property in 1902 and agricultural use by 1928, it is assumed that the subject property would have been utilized for similar purposes during this time period. Based on the foregoing, this limitation is not expected to significantly alter the finding of this report.
- The subject property was historically used for agricultural purposes from at least 1928 through at least 1963. There is a potential that during this period agricultural chemicals, such as pesticides, herbicides, and fertilizers, were applied to site soils consistent with normal application practices. Agricultural chemicals tend to accumulate in the near-surface soils. The north and east portions of the subject property have not been redeveloped since the agricultural use ceased. A Phase II Environmental Site Assessment was conducted at the subject property on September 2022, which is discussed in further detail in the User Provided Documents Section below.

ENVIRONMENTAL DATA SEARCH

SWRL/ WestEd/ California Department of Fish and Wild Life, Los Alamitos (CDFWLA) (4665 Lampson Avenue) - The subject property is listed on the Department Of Defense Sites (DOD), Facility and Manifest Data (HAZNET), Hazardous Waste Tracking System (HWTS), California Hazardous

Materials Information Reporting System (CHMIRS), Resource Conservation and Recovery Act - Non Generator / No Longer Regulated (RCRA NonGen / NLR), Facility Index System/Facility Registry System (FINDS), and Enforcement and Compliance History Online (ECHO) databases.

The DOD listing indicated that the site is located within the boundaries of the Los Alamitos Armed Forces Reserve Center as outlined in the Department of Defense (DOD) database. Information associated to this facility is discussed in Section 5.2.

According to the information provided in the ECHO, FINDS, HWTS, and HAZNET listings, the subject property was assigned with the following USEPA Identification (ID) numbers:

- CAC000089381 from June 3, 1988, to October 25, 2000,
- CAL000248737 from March 26, 2002, to June 30, 2003,
- CAC002559277 from November 27, 2002, to August 19, 2003,
- CAC002599260 from January 11, 2006, to July 11, 2006,
- CAL000387803 on July 29, 2013, and has remained active through the present
- CAL000348685 from December 15, 2009, to June 30, 2015, and
- CAL000415272 from March 22, 2016, to June 30, 2017.

The property was also assigned the Registry ID number 110070412622. Information regarding produced hazardous waste at the subject property is as follows:

SWRL			
HAZNET Manifest for USEPA ID CAC000089381			
Year	Tonnage	Description	Disposal Method
1988	88.494	Not Specified.	Not Specified.
1999	25.284	Asbestos containing waste.	Disposal, landfill.
2000	0.084	Asbestos containing waste.	Disposal, landfill.

CDFWLA			
HAZNET Manifest for USEPA ID CAL000248737			
Year	Tonnage	Description	Disposal Method
2003	0.015	Off-specification, aged, or surplus organics.	Transfer station.

WestEd

HAZNET Manifest for USEPA ID CAL000348685			
Year	Tonnage	Description	Disposal Method
2010	0.033	Off-specification, aged or surplus organics.	Other Treatment.
2012	0.135	Off-specification, aged or surplus organics.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).
2012	0.005	Laboratory waste chemicals.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).

CDFWLA			
HAZNET Manifest for USEPA ID CAL000387803			
Year	Tonnage	Description	Disposal Method
2014	0.013	Laboratory waste chemicals.	Incineration.
2014	0.113	Aqueous solution with total organic residues less than 10 percent.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).
2016	0.099	Off-specification, aged or surplus organics.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).

WestEd			
HAZNET Manifest for USEPA ID CAL000415272			
Year	Tonnage	Description	Disposal Method
2016	0.115	Off-specification, aged or surplus organics.	Other recovery of reclamation for reuse including acid regeneration, organics recovery etc.
	0.100	Off-specification, aged or surplus organics.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).

The RCRA NonGen/ NLR listing reported the property as a handler of hazardous waste on July 29, 2013. No violations or evaluations were found. Based on the nature of the wastes, proper disposal, and operation during a period of stringent regulatory oversight, the documented waste generation is not expected to represent a significant environmental concern.

According to the CHMIRS listing, a potential release of 45 gallons of gasoline onto the asphalt was discovered on September 27, 2019, after an event of vandalism that included the vandalization of several governmental vehicles parked at the subject property parking lot. After the discovery, the California Highway Patrol was notified and the release was stopped. The spilled gasoline was contained under the regulatory oversight of the Orange County Emergency Management Division.

No further information regarding the cleanup, if any, was provided. A Phase II Environmental Site Assessment was conducted at the subject property on September 2022, which is discussed in further detail in the User Provided Documents Section below.

In our opinion, none of the other sites listed on the regulatory database report pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but groundwater has not been impacted, a release has occurred but the case is closed, or the sites are located cross or down gradient of the subject property and in excess of 1/10 mile from the subject property.

The Santa Ana Regional Water Quality Control Board (SARWQCB), Department of Toxic Substances Control (DTSC), South Coast Air Quality Management District (SCAQMD), Orange County Environmental Health Department (OCEHD), Orange County Sanitation District (OCSD), and Orange County Fire Authority (OCFA) were contacted regarding air emission permits, site investigation files, hazardous materials, underground storage tank, and industrial waste discharge records for the subject property. Additionally, the State Water Resources Control Board's (SWRCB's) GeoTracker, DTSC's EnviroStor and HWTS, and SCAQMD's Facility Information Detail (FIND) online databases were reviewed for information pertaining to the subject property to identify any evidence of previous or current hazardous material usage.

- According to the responses to our requests from the SARWQCB, DTSC, and OCSD, and a review of the GeoTracker and EnviroStor online databases, there are no files for the subject property.
- The HWTS listings were consistent with those discussed in the regulatory database section above, and based on the nature of wastes, and proper disposal, the documented waste generation is not expected to represent a significant environmental concern.
- FIND and SCAQMD records indicated WestEd was issued a Permit to Construct/Operate (PTC/O) a diesel-fueled emergency electrical generator on January 6, 2000. Another PTO for this generator was issued to WestEd on June 29, 2007. A notice of violation was issued to WestEd on January 3, 2017 for the failure to register boilers rated 1-2 million British thermal units per hour (Btu/hr), which was returned to compliance on April 7, 2017. The use of this generator is discussed in detail in the Site Description section above.
- OCFA provided a routine inspection report of the subject property on July 25, 2006. The subject property was identified as an office building permitted to maintain combustible liquids as of 2002 and small arms ammunition. No violations were found. Based on the office nature of the operations, this information is not expected to represent an environmental concern for the subject property.
- At the time this report was issued, no response has been received from the OCEHD. It should be noted that no records were available during the completion of our July 22, 2022 Phase I. As the subject property is currently unoccupied, EFI Global does not expect any records to be available from the OCEHD. Nonetheless, should relevant information be obtained from this agency subsequent to issuing this report, EFI Global will prepare and issue an addendum to the Client.

Additionally, the City of Los Alamitos Department of Building and Safety via the Los Alamitos City Clerk (LACC) was contacted regarding building permit records for the subject property. The LACC provided building permit records for the subject property which are summarized in Section 4.3 of this report.

The California Department of Conservation, Geologic Energy Management Division (CalGEM) online mapping application Well Finder was reviewed for information pertaining to oil and gas exploration on or nearby the subject property.

- No oil wells were identified within 500 feet of the subject property.

User Provided Documents

The User did not provide EFI Global any information either verbally or in writing (i.e. Title Report) regarding environmental cleanup liens or activity and use limitations encumbering the subject property. An environmental lien search was not requested by the User; however, based on our review of the DTSC EnviroStor Database, no environmental liens enforced by the DTSC were identified.

Allstate Services LLC for FREY, Lead-Based Paint Testing Report, 4665 Lampson Avenue, Los Alamitos, California, dated November 15, 2021 - This assessment included identifying surfaces with lead-based paint using a portable x-ray fluorescence (XRF) spectrum analyzer. Based on the results, lead-based paint was identified in the break room drywall walls at a threshold level of 0.7 milligrams of lead per square centimeter of surface area (mg/cm²). It was recommended that should the structure undergo renovation in the future, the construction personnel should be properly trained in lead-related construction.

FREY, Asbestos Survey Report, 4665 Lampson Avenue, Los Alamitos, California, dated November 16, 2021 - This assessment included collecting 161 bulk samples of building materials for asbestos analysis. Several of the bulk samples analyzed contained 2 to 5 percent of chrysotile and the building materials were in an undamaged condition at the time of the survey. Based on these results, an asbestos Operation and Maintenance Plan (O&M Plan) was recommended, in addition to asbestos abatement prior to any renovations/demolitions that would disturb the building materials.

LGC Geotechnical, Inc., Preliminary Geotechnical Evaluation and Design Recommendations for Proposed Single-Family and Multi-Family Residential Development, 4665 Lampson Avenue, Los Alamitos, California, dated December 21, 2021 - According to the report, the proposed development of the subject property includes the construction of 102 single-family residential lots and 90 affordable multi-family units. Based on the study, the proposed development is feasible from a geotechnical standpoint, given that the recommendations be implemented. The study contained geotechnical recommendations that are preliminary and should be confirmed upon completion of grading and earthwork operations.

EFI Global, Inc., Draft Phase I Environmental Site Assessment, 4665 Lampson Avenue, Los Alamitos, California 90720, dated July 22, 2022 - On behalf of a Potential Developer, this Phase I was conducted to ascertain previous land use and to identify any potential environmental concerns for the subject property. At the time this report was issued, the subject property consisted of the existing two-story commercial office structure, occupied by WestEd, the California Department of Fish and Wildlife, NCI, and James J. Mentas Attorney At Law. At the time of this report, the subject property was proposed to be redeveloped for residential purposes to include 102 single-family

residential lots and 90 affordable multi-family units. Historical research by EFI Global, Inc., through aerial photographs, building permits, city directories, historical Sanborn fire insurance maps, and topographic maps, indicated the following recognized environmental conditions (RECs):

- The historical agricultural use from at least 1928 to 1963.
- A 500-gallon diesel AST on a cracked concrete pad.
- Observed staining associated with the elevator equipment.
- A 2019 vandalism event which resulted in a potential release of 45 gallons of gasoline onto the cracked asphalt pavement.

Based on the foregoing, EFI Global, Inc. recommended a Phase II Environmental Site Assessment, which is discussed in detail below.

EFI Global, Inc., Draft Phase II Environmental Site Assessment, 4665 Lampson Avenue, Los Alamitos, California 90720, dated September 22, 2022 - On behalf of a Potential Developer, this Phase II was conducted to further assess the RECs discussed above. The scope of work included a geophysical survey and soil sampling on August 16, 2022. As the subject property is planned to be redeveloped for residential purposes, the concentrations detected within this investigation were compared to the appropriate screening levels for residential settings. The geophysical survey did not identify any anomalies or subsurface utility conflicts in proximity to the proposed boring locations.

A total of 11 soil borings (B1 through B11, refer to Figure 3 for specific locations) were advanced at the subject property to a maximum depth of 15 feet bgs at the following locations:

- Borings B1 through B8 were advanced within the western parking area and grass areas to the north, south, and east.
- Boring B9 was advanced within the northeastern portion of the parking lot.
- Boring B10 was advanced adjacent to the 500-gallon AST and emergency back-up generator.
- Boring B11 was advanced within the southwestern portion of the building near the interior elevator.

Select soil samples were collected and analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline (TPHg), TPH as diesel (TPHd), TPH as oil (TPHo), volatile organic compounds (VOCs), PCBs, organochlorine pesticides (OCPs), arsenic, and lead.

Analytical results for TPH indicated the following:

- TPHg and TPHo were not detected above the laboratory reporting limit in any of the three soil samples analyzed.
- TPHd was detected in one of the three soil samples analyzed at a concentration of 3.42 milligrams per kilogram (mg/kg) in B10-S-5.

The concentration of TPHd was compared to the Maximum Soil Screening Levels (MSSLs) established by the Los Angeles Regional Water Quality Control Board (LARWQCB) in their *Interim Site Assessment and Cleanup Guidebook* (Guidebook, May 1996). For sites where the distance to groundwater is less than 20 feet bgs, the allowable TPH concentrations by carbon range (C) C13-C22 (TPHd) is 100 mg/kg. The detected TPHd concentration did not exceed this screening level. Therefore, the TPHd concentration in soil is considered to be *de minimis* in nature and is not considered to be a threat to groundwater quality at the Subject Property.

Analytical results for VOCs and PCBs indicated concentrations were not detected above the laboratory reporting limits in any of the soil samples analyzed.

Analytical results for OCPs indicated the following:

- 4,4'-Dichlorodiphenyldichloroethane (4,4'-DDD) was detected at a maximum concentration of 29.3 micrograms per kilogram ($\mu\text{g}/\text{kg}$) in two of the four soil samples analyzed for OCPs. The residential DTSC screening level (DTSC-SL) for 4,4'-DDD is 2,300 $\mu\text{g}/\text{kg}$.
- 4,4'-Dichlorodiphenyldichloroethylene (4,4'-DDE) was detected at a maximum concentration of 631 $\mu\text{g}/\text{kg}$ in three of the four soil samples analyzed for OCPs. The residential DTSC-SL for 4,4'-DDE is 2,000 $\mu\text{g}/\text{kg}$.
- 4,4'-DDT was detected at a maximum concentration of 136 $\mu\text{g}/\text{kg}$ in three of the four soil samples analyzed for OCPs. The residential DTSC-SL for 4,4'-DDT is 1,900 $\mu\text{g}/\text{kg}$.

All detected concentrations of OCPs in soil were significantly less than their respective residential DTSC-SL. Therefore, the OCPs detected in soil are considered to be *de minimis* in nature and are not considered to be a significant environmental concern for the proposed future residential use of the Subject Property.

Analytical results for arsenic and lead indicated the following:

- Arsenic was detected in all four soil samples analyzed at a maximum concentration of 4.64 mg/kg. The residential screening level for arsenic is 0.11 mg/kg and this screening level was exceeded in all of the four samples analyzed; however, are below the background concentrations of 12.7 mg/kg for arsenic in California soils (Inorganic Chemicals in Ground Water and Soil: Background Concentrations at California Air Force Bases, Hunter, et al., March 2005).
- Lead was also detected in all four soil samples analyzed at a maximum concentration of 17 mg/kg. The residential DTSC-SL for lead is 80 mg/kg.

Therefore, the concentrations of arsenic and lead are considered to be *de minimis* in nature and do not warrant further investigation or mitigation as a result of the proposed residential development.

Based on the analytical results detailed above, the potential chemicals of concern (COCs) detected in soil in the areas assessed do not indicate that a significant subsurface chemical release occurred. The detected concentrations found during this investigation are considered to be *de minimis* for the proposed residential redevelopment, and EFI Global, Inc. concluded that no further assessment is warranted at the time with respect to the RECs identified in the above Phase I.

Additional documents provided by the User are discussed in Section 3.6.

These documents were provided by the client and were reviewed by EFI Global, Inc. in good faith. EFI Global, Inc. relies on the information in these documents to be true information for the subject property.

ADDITIONAL ISSUES

- Based on the age of the onsite structure, there is a potential for asbestos-containing building materials at the subject property; however, no testing was completed as part of this report. Suspect asbestos-containing materials (ACMs) were observed in the form of drywall partitions and ceilings, drop ceiling panels, ceramic and vinyl floor tiles, and associated mastics. All building materials appeared in good condition at the time of our site reconnaissance. Individual suspect materials would need to be tested as part of an asbestos survey prior to any renovation or demolition in order to confirm the presence or non-presence of asbestos. As noted in an Asbestos Survey Report dated November 16, 2021 (discussed in the User Provided Documentation section above), asbestos was identified at the subject property.
- Based on the age of the onsite structure, there is a potential for lead-based paint at the site. All painted surfaces appeared in good condition at the time of our site reconnaissance. Individual suspect materials would need to be tested as part of a lead-based paint survey prior to any renovation or demolition in order to confirm the presence or non-presence of lead-based paint. As noted in a Lead-Based Paint Testing Report dated November 15, 2021 (discussed in the User Provided Documentation section above), lead was identified at the subject property.
- Based on research by the USEPA, the average radon concentrations for Orange County are low; however, site specific radon levels vary greatly within the USEPA radon zones and on-site radon measurements would need to be collected in order to determine the radon levels at the subject property.
- EFI Global, Inc. did not observe visible or olfactory indications of the presence of mold, nor did EFI Global, Inc. observe obvious indications of significant water damage. No sampling was conducted as part of this assessment.
- Based on our research, the property is not known to be located in proximity (within 1,000 feet) to any active or abandoned oil wells or landfills. Therefore, the potential for methane risk at the subject property is considered low.

CONCLUSIONS

EFI Global, Inc. has performed a Phase I in conformance with the scope and limitations of ASTM International E1527-13 and E1527-21, at 4665 Lampson Avenue, Los Alamitos, California, the subject property. Any exceptions to or deletions from this practice are described in the individual sections of this report. This assessment has revealed no evidence of recognized environmental conditions or *de minimis* conditions in connection with the subject property, except for the following:

RECOGNIZED ENVIRONMENTAL CONDITIONS (REC)

In our opinion, no RECs were identified during the course of this assessment.

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HREC)

In our opinion, no HRECs were identified during the course of this assessment.

CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS (CREC)

In our opinion, no CRECs were identified during the course of this assessment.

DE MINIMIS CONDITIONS

The detected concentrations of TPHd, OCPs, arsenic, and lead are considered to be *de minimis* for the Subject Property.

SIGNIFICANT DATA GAPS

In our opinion, no significant data gaps were identified during the course of this assessment.

RECOMMENDATIONS

Based on the foregoing, no additional investigation is recommended at this time.

1.0 INTRODUCTION

EFI Global, Inc. has performed a Phase I Environmental Site Assessment (Phase I) for the property located at 4665 Lampson Avenue, in Orange County, and the City of Los Alamitos, California (Subject Property). This report has been prepared for the sole use of Lampson Park Place LLC (Client).

The research conducted for this study and the report prepared are in general conformance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) standard and the ASTM International E1527-13 and E1527-21 "Standard Practices for Environmental Site Assessments: Phase I Environmental Site Assessment Process". The primary purpose for performing a Phase I ESA is to "...permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability" (ASTM, 2021). An environmental site assessment meeting or exceeding this practice and completed less than 180 days prior to the date of acquisition is presumed to be valid under this standard. In order to maintain landowner liability protections, the User also has the following continuing obligations: "(1) No disposal of hazardous substances can occur after the person acquires the property; (2) Provide all legally required notices with respect to the discovery or release of any hazardous substances at the facility; (3) Exercise appropriate care with respect to hazardous substances by taking reasonable steps to stop any continuing release; prevent any threatened future releases; and prevent or limit human, environmental, or natural resource exposure to any previously released hazardous substance; (4) Provide full cooperation, assistance, and access to persons who are authorized to conduct response actions or natural resource restoration (including the cooperation and access necessary for the installation, integrity, and maintenance of any complete or partial response actions or natural resource restoration; (5) Comply with any land use restrictions established or relied on in connection with the response action, and not impede the effectiveness or integrity of any institutional control employed at the vessel or facility in connection with a response action; and (6) Comply with any request for information or administrative subpoena issued under CERCLA" (ASTM, 2021). Further, it is the goal of this study to identify business risks related to the property associated with environmental conditions. This investigation is not an environmental compliance audit and is not designed to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations.

The goal of this process is to identify any (1) recognized environmental conditions (RECs), (2) historical recognized environmental conditions (HRECs), (3) controlled recognized environmental conditions (CRECs), and/or (4) *de minimis* conditions associated with the subject property.

- A **recognized environmental condition** is defined as "...(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment" (ASTM, 2021).
- A **historical recognized environmental condition** is defined as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or

authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition" (ASTM, 2021). The HREC designation requires the comparison of residual contamination concentrations, if any, to current regulatory standards.

- A **controlled recognized environmental condition** is defined as a "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)" (ASTM, 2021).
- A **de minimis condition** is defined as "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition" (ASTM, 2021).

In order to identify environmental conditions at the site, the Phase I ESA includes a site inspection, interviews with parties familiar with the property, historical research into the past uses of the property, and an environmental records search with regard to the subject property, adjoining and immediately surrounding properties, and the surrounding area. In addition, EFI Global, Inc. provides an opinion regarding the potential for asbestos containing materials, lead-based paints, mold, radon, oil and gas exploration, and methane as they relate to the subject property. Reviewing those documents that are publicly available, reasonably ascertainable, and practically reviewable controls the completeness of this assessment. The inability to review documents which do not exist or are not publicly available, reasonably ascertainable, or practically reviewable may result in a data gap.

1.1 Significant Assumptions

While this report provides an overview of potential environmental concerns, both past and present, the environmental assessment is limited by the availability of information at the time of the assessment. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the property may have occurred which could not be identified. The conclusions and recommendations regarding environmental conditions that are presented in this report are based on a scope of work authorized by the Client. Note, however, that virtually no scope of work, no matter how exhaustive, can identify all contaminants or all conditions above and below ground.

1.2 Limitations and Exceptions

This report has been prepared in accordance with generally accepted environmental methodologies referred to in ASTM E1527-13 and E1527-21, and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report. The conclusions of this report are based in part, on the information provided by others. The possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated.

The services performed and outlined in this report were based, in part, upon visual observations of the site and attendant structures. Our opinion cannot be extended to portions of the site that were unavailable for direct observation, reasonably beyond the control of EFI Global, Inc. The objective of this report was to assess environmental conditions at the site, within the context of our contract and existing environmental regulations within the applicable jurisdiction. Evaluating compliance of past or future owners with applicable local, provincial, and federal government laws and regulations was not included in our contract for services. Our observations relating to the condition of environmental media at the site are described in this report. It should be noted that compounds or materials other than those described could be present in the site environment.

1.3 Reliance

This report has been prepared for the sole use of Lampson Park Place LLC. The contents should not be relied upon by any other parties without the express written consent of Lampson Park Place LLC and EFI Global, Inc.

1.4 User Responsibilities

The USEPA AAI and ASTM International E1527-13 and E1527-21 Phase I Standards require that the User conduct independent research and consider certain information before purchasing a property. The User is defined as the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. These considerations include the following:

- Obtain and review Land Title Records and Judicial Records for Environmental Liens and Activity and Use Limitations by relying on Transaction-Related Title Insurance Documentation Such as Preliminary Title Reports and Title Commitments or Title Search Information Reports Such as Condition of Title, Title Abstracts, and AUL/Environmental Lien Reports. If environmental cleanup liens or AULs encumbering the subject property or in connection with the subject property are identified, the User should provide that information to the Environmental Professional (EFI Global, Inc.). If the User has actual knowledge of environmental cleanup liens or AULs encumbering the subject property or in connection with the subject property, the User should provide that information to the Environmental Professional (EFI Global, Inc.).
- The User should provide the Environmental Professional (EFI Global, Inc.) with any specialized knowledge the User has with regard to recognized environmental conditions in connection with the property.
- If the User is aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions, the User should provide the information to the Environmental Professional (EFI Global, Inc.).
- If this Phase I ESA 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.

2.0 SITE DESCRIPTION

EFI Global, Inc. has performed a Phase I for a commercial property located at 4665 Lampson Avenue, in Orange County, and the City of Los Alamitos, California. The subject property parcel is approximately 12.36 acres in size and is developed with a two-story commercial office structure, which is approximately 88,000 square feet in size. The subject structure is currently unoccupied and was most recently occupied by WestEd (a non-profit educational research, development, and services agency), the California Department of Fish and Wildlife, National Comfort Institute, Inc. (NCI) (a heating, ventilation, and air conditioning [HVAC] training center), and James J. Mentas Attorney At Law. The exterior portions of the subject property consist of an asphalt paved parking lot on the west portion, two driveways on the southern portion, concrete paved access ways, and landscaped areas on all sides. The surrounding area is developed with residential, commercial, recreational, and agricultural properties.

Natural gas and electrical services are provided to the subject property by the Southern California Gas Company and Southern California Edison, respectively. Potable water and sewer services are provided by the Golden State Water Company and the City of Los Alamitos, respectively.

2.1 Current and Historical Addresses

According to our research and information provided by the Client, the following address has been found to be associated with the subject property: 4665 Lampson Avenue, Los Alamitos, California.

2.2 Legal Description

According to the Orange County Assessor's Office, the subject property is located in the City of Los Alamitos, and is described by the Assessor's Parcel Number (APN): 130-012-035.

2.3 Physical Setting

The elevation of the subject property is approximately 24 feet above mean sea level (United States Geological Survey [USGS] Los Alamitos, California 7.5 minute topographic quadrangle). Based on our review of the GeoCheck Section of the Environmental Data Resources, Inc. (EDR) Radius report, the subject property is not situated within a 100- or 500-year Federal Environmental Management Agency (FEMA) Flood Zone. No wetlands were identified at the property or adjoining/immediately surrounding properties.

Based on our review of groundwater data presented in the State Water Resources Control Board's (SWRCB's) GeoTracker website, groundwater was detected at the Los Alamitos Joint Forces Training Base site north adjoining of the subject property (11200 Lexington Drive) at approximately 5 to 15 feet below ground surface (bgs). Based on regional groundwater data, the regional groundwater flow direction is estimated to be towards the west-southwest; however, local groundwater flow direction may vary.

3.0 SITE RECONNAISSANCE/INTERVIEWS

3.1 Site Reconnaissance

On December 22, 2022, Mr. Alberto Jimenez with EFI Global, Inc. conducted a site reconnaissance of the subject property. The site inspection was conducted to attempt to identify current site use(s), current hazardous materials storage, and evidence of past site uses and hazardous material storage and to identify evidence of other recognized environmental conditions. The following table summarizes our Site Reconnaissance observations:

Yes	No	Observed Feature(s)
✓		Hazardous Substances and Petroleum Products Containers
✓		Underground and/or Aboveground Storage Tanks
✓		Drains/Sumps/Clarifiers/Sewer Interceptors/Septic Systems
✓		Stained or Corroded Surfaces/Stained Soil or Stressed Vegetation
	✓	Pits/Ponds/Lagoons/Wetlands
✓		Electrical Equipment with the Potential to contain Fluids
	✓	Production or Monitoring Wells
	✓	Evidence of Solid Waste Disposal/Dumping/Fill Areas

3.1.1 Exterior Observations

The exterior portions of the subject property consist of an asphalt paved parking lot on the west portion, two driveways on the southern portion, concrete paved access ways, and landscaped areas on all sides. The asphalt pavement was observed to be in fair to good condition, with evidence of cracking and normal wear and tear observed throughout. Electrical charging stations and solar panels were observed in the western parking lot.

A gated enclosure area was located at the northwest corner of the parking lot. The enclosure was observed to contain an empty 55-gallon drum and various miscellaneous items. This enclosure was formerly utilized by the California Department of Fish and Wildlife to store confiscated boats.

A pad-mounted transformer was observed on the west portion of the subject property. No evidence of staining or leaks from the transformer was observed. Based on the good condition of the equipment, the presence of the pad-mounted transformer onsite is not expected to represent a significant environmental concern for the subject property. A truck loading dock was observed on the west portion, south of the transformer and contained six trash dumpsters for non-hazardous debris.

North of the transformer was an enclosure with a concrete berm containing inactive cooling equipment. According to Mr. Chris Maestas, the site supervisor with WestEd, the equipment was inactivated when new cooling equipment was installed on the second floor of the structure (further discussed in Section 3.1.2). In the vicinity of the cooling equipment was a floor drain on the north portion, and two 55-gallon drums to the east with unknown contents. The drums appeared to partially contain a substance; however, no labels were noted on the containers. The drums were in good condition with no evidence of spills or stains in the vicinity. These drums should be properly characterized for disposal and removed if no longer in use. Also in this enclosure was a 500-gallon diesel aboveground storage tank (AST). The diesel AST is utilized

to fuel an emergency generator located in a south adjoining enclosure. Evidence of corrosion and spills was observed on the AST, and the concrete berm beneath appeared to be partially cracked. A Phase II Environmental Site Assessment was conducted at the subject property on September 2022, which is discussed in further detail in Section 3.6. A dry-type transformer, which are known to be free of any fluids, was also observed in the vicinity of the emergency generator.

Stormwater appears to travel along concrete swales located on the west and south portions of the parking lot and accessways and terminates to stormwater outlets on the southwest and south portions. Two trench drains were also observed along the southern driveways, with no evidence of spills or stains in the vicinity.

3.1.2 Interior Observations

The subject property contains one two-story commercial office structure, of wood and concrete on-grade foundation with a flat roof. The subject structure is currently unoccupied and was most recently occupied by WestEd (a non-profit educational research, development, and services agency), the California Department of Fish and Wildlife, National Comfort Institute, Inc. (NCI) (a heating, ventilation, and air conditioning [HVAC] training center), and James J. Mentas Attorney At Law. Building materials observed included drywall partitions and ceilings, drop ceiling panels, ceramic and vinyl floor tiles, carpet, and bare concrete paved floors.

The subject structure office areas consist of a lobby reception area, private and communal office spaces, conference rooms, storage areas, restrooms, and breakrooms. The areas formerly occupied by the California Department of Fish and Wildlife also consisted of a lab, a freezer room for storing samples, and showers for the employees. A wash sink and floor drains were also observed within the lab, with no evidence of spills or stains in the vicinity. Adjoining the shower room was a storage room, which was observed to have been empty.

The building's cooling systems are located indoors in two mechanical rooms on the second floor consisting of cooling towers, boilers, an air compressor, and pumps. Multiple dry-type transformers, which are known to be free of any fluids, were observed within the mechanical rooms. A plastic 55-gallon drum containing cooling water treatment, a propane cylinder, and a 5-gallon container of genetron 113 refrigerant were observed, in addition to floor drains in this area. No evidence of spills or stains were observed in the vicinity and based on the use for the cooling system, the presence of these chemicals are not expected to represent an environmental concern. Within the mechanical room, EFI Global also observed an inactive emergency generator. According to Mr. Maestas, the emergency generator was formerly powered by diesel and was installed in 1971 when the building was constructed. The generator was inactivated when a new emergency generator was installed onsite in the exterior (discussed in Section 3.1.1). No evidence of spills, stains, or odors were noted in the vicinity of the inactive emergency generator. Based on the empty nature and location on the second floor, this inactive emergency generator is not expected to represent an environmental concern for the subject property.

The subject structure is equipped with a hydraulic elevator along the southwestern portion of the building. The elevator equipment room was observed, with evidence of a large stain on the slightly cracked pavement. A Phase II Environmental Site Assessment was conducted at the subject property on September 2022, which is discussed in further detail in Section 3.6.

According to the City of Los Alamitos, the building is connected to the city's sewer and water supplies. No significant hazardous material storage was observed in the interior portions of the subject property.

3.1.3 Reconnaissance Limitations

No significant limitations were encountered during our reconnaissance of the subject property.

3.2 Adjoining and Immediately Surrounding Properties

The adjoining and immediately surrounding properties (within 100-feet of the subject property boundary) were visually and physically observed from public right-of ways and the subject property in an attempt to identify recognized environmental conditions. Our observations are summarized in the following table:

Location	Address(es)	Uses/Observations
North	Not listed	Arbor Park and Arbor Dog Park
East	5660 Orangewood Avenue	Navy Golf Course
South	4541-4701 Ironwood Avenue	Residential
West	11206 Lexington Drive	Crop field located within the Joint Forces Training Base

- The adjoining/immediately surrounding properties to the north and south were listed on the regulatory database report and are further discussed in Section 5.2 below.

3.3 Surrounding Area Observations

3.3.1 Surrounding Property Uses

The surrounding area is developed with residential, commercial, recreational, and agricultural developments.

3.3.2 Surrounding Geography

The surrounding area is mostly flat with a slight topographic slope to the west-southwest. No nearby hills or bedrock outcroppings were observed in the area of the site. No lakes, ponds, rivers or streams were observed in the surrounding area, with the exception of ponds at the east adjoining golf course and the Bolsa Chica Channel approximately 0.33 miles east of the subject property.

3.4 Interviews

3.4.1 Property Owner

The property owner was provided an environmental questionnaire, which has not been returned prior to issuance of the report. Based on the quality of information obtained from other sources, this limitation is not expected to alter the findings of this investigation.

3.4.2 Key Site Manager

Mr. Maestas was interviewed during the course of the site reconnaissance conducted on December 22, 2022, with pertinent information provided discussed in Section 3.0. Mr. Maestas was not aware of any environmental conditions at the subject property.

3.4.3 Property Occupants

The former major tenant of the subject property, WestEd, was interviewed during the onsite reconnaissance, as discussed above.

3.4.4 Past Owners, Operators and Occupants

Past owners, operators and occupants were not able to be identified for an interview for this report.

3.4.5 Prospective Purchaser

As the User of this report is the owner of the property performing due diligence on the subject property, there is no prospective purchaser included in the transaction.

3.4.6 Neighboring Property Owners/Tenants

Per ASTM, an attempt to interview neighboring property owners/tenants should be conducted when the subject property is vacant and unsecured land.

As the subject property is currently developed and utilized for commercial purposes, no neighboring property owners/tenants were interviewed during this assessment.

3.5 User Provided Information

The USEPA AAI and ASTM International E1527-13 and E1527-21 Phase I Standards require that the User conduct independent research and consider certain information before purchasing a property. EFI Global, Inc. recommends that the User documents completion of the following items:

3.5.1 Lien Search

The User 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 (EFI Global, Inc.). 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 (EFI Global, Inc.).

- The User did not provide EFI Global any information either verbally or in writing (i.e. Title Report) regarding environmental cleanup liens or activity and use limitations encumbering the subject property. An environmental lien search was not requested by the User; however, based on our review of the Department of Toxic Substances Control's (DTSC's) EnviroStor Database, no environmental liens enforced by the DTSC were identified.

3.5.2 Specialized Knowledge

The User should provide the Environmental Professional (EFI Global, Inc.) with any specialized knowledge the User has with regard to recognized environmental conditions in connection with the property.

- The User provided previous environmental reports conducted for the subject property, which are summarized in Section 3.6. However, the User has no specialized knowledge with respect to recognized environmental conditions in connection with the property.

3.5.3 Commonly Known or Reasonably Ascertainable Information

If the User is aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions, the User should provide the information to the Environmental Professional (EFI Global, Inc.).

- The User is not aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions.

3.5.4 Property Valuation

If this Phase I ESA 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.

- As the User of this report is the owner of the property performing due diligence on the subject property, there is no prospective purchaser included in the transaction.

3.5.5 Purpose of Performing Phase I ESA

According to the User, the User is the owner of the property performing due diligence on the subject property.

3.6 User Provided Documents

Williams Aviation Consultants, Summary of Initial Findings, September 7, 2021 - According to this study, the subject property has an elevation of approximately 20' Above Mean Sea Level (AMSL) to the west and approximately 25' AMSL to the east. The proposed 35' residential development will have maximum height of approximately 60' AMSL overall.

FREY Environmental, Inc. (FREY), Phase I Environmental Site Assessment, 4665 Lampson Avenue, Los Alamitos, California, dated November 15, 2021 - According to a review of historical resources, the subject property was developed for agricultural row crops from 1928 through 1963. By 1971, the subject property was redeveloped with the existing two-story office building and parking lot. At the time of the report, the subject structure was occupied by WestEd (research/development agency), the California Department of Fish and Wildlife, NCI, Inc. (an HVAC training center), and an attorney's office. During the site reconnaissance, a 500-gallon diesel AST and a backup generator were observed onsite along the west portion of the subject structure. The concrete pavement around

the AST was cracked and FREY indicated that a potential leak could have impacted the subsurface. The AST on a cracked concrete pad was considered a REC. The subject structure was also observed to be equipped with a hydraulic elevator. During FREY's site visit, the pavement in the vicinity of the hydraulic elevator was in poor condition with significant cracking. This observation was also considered a REC due to the potential release of PCBs associated to the equipment.

Additional onsite observations included on 55-gallon drum with PCB content and one 20-gallon drum with an unknown substance on the west side of the structure, and several containers less than 5-gallons in size of oils, coolants, laboratory chemicals, paints, finishes, cleaning solutions, and detergents.

A review of regulatory databases identified a minor spill on the subject property in 2019, which included the vandalization of several government vehicles in the parking lot resulting in the release of 45 gallons of gasoline onto the asphalt pavement. Additional details regarding the cleanup of this incident was not identified. FREY indicated the gasoline could have impacted the subsurface through cracks and was also considered a REC.

Additionally, an open release case was identified at the east adjacent property 5234 Lampson Avenue located approximately 1,850 feet east of the subject property. This facility operated as a dry cleaning facility since 1972 and was found to have impacted soil and groundwater with dry cleaning chemicals including tetrachloroethylene (PCE) and trichloroethylene (TCE). At the time of the report, the extent of the groundwater impacts were still being defined. FREY indicated that this facility was located hydrologically up-gradient and was considered a REC. However, based on the relative distance and locating of the Bolsa Chica Channel located between the facility and the subject property, the potential for impacted groundwater to have migrated to the subject property appeared to be low.

Based on the found RECs, FREY recommended that a soil management plan (SMP) be prepared prior to redevelopment of the subject property. It was FREY's understanding that subject property was to be redeveloped for residential purposes with a single-family home neighborhood and an affordable apartment complex.

Allstate Services LLC for FREY, Lead-Based Paint Testing Report, 4665 Lampson Avenue, Los Alamitos, California, dated November 15, 2021 - This assessment included identifying surfaces with lead-based paint using a portable x-ray fluorescence (XRF) spectrum analyzer. Based on the results, lead-based paint was identified in the break room drywall walls at a threshold level of 0.7 milligrams of lead per square centimeter of surface area (mg/cm²). It was recommended that should the structure undergo renovation in the future, the construction personnel should be properly trained in lead-related construction.

FREY, Asbestos Survey Report, 4665 Lampson Avenue, Los Alamitos, California, dated November 16, 2021 - This assessment included collecting 161 bulk samples of building materials for asbestos analysis. Several of the bulk samples analyzed contained 2 to 5 percent of chrysotile and the building materials were in an undamaged condition at the time of the survey. Based on these results, an asbestos Operation and Maintenance Plan (O&M Plan) was recommended, in addition to asbestos abatement prior to any renovations/demolitions that would disturb the building materials.

LGC Geotechnical, Inc., Preliminary Geotechnical Evaluation and Design Recommendations for Proposed Single-Family and Multi-Family Residential Development, 4665 Lampson Avenue, Los Alamitos, California, dated December 21, 2021 - According to the report, the proposed development of the subject property includes the construction of 102 single-family residential lots and 90 affordable multi-family units. Based on the study, the proposed development is feasible from

a geotechnical standpoint, given that the recommendations be implemented. The study contained geotechnical recommendations that are preliminary and should be confirmed upon completion of grading and earthwork operations.

Federal Aviation Administration, Determination of No Hazard to Air Navigation, issued January 26, 2022 - This aeronautical study revealed that the proposed residential development does not exceed obstruction standards and would not be a hazard to air navigation.

EFI Global, Inc., Draft Phase I Environmental Site Assessment, 4665 Lampson Avenue, Los Alamitos, California 90720, dated July 22, 2022 - On behalf of a Potential Developer, this Phase I was conducted to ascertain previous land use and to identify any potential environmental concerns for the subject property. At the time this report was issued, the subject property consisted of the existing two-story commercial office structure, occupied by WestEd, the California Department of Fish and Wildlife, NCI, and James J. Mentas Attorney At Law. At the time of this report, the subject property was proposed to be redeveloped for residential purposes to include 102 single-family residential lots and 90 affordable multi-family units. Historical research by EFI Global, Inc., through aerial photographs, building permits, city directories, historical Sanborn fire insurance maps, and topographic maps, indicated the following recognized environmental conditions (RECs):

- The historical agricultural use from at least 1928 to 1963.
- A 500-gallon diesel AST on a cracked concrete pad.
- Observed staining associated with the elevator equipment.
- A 2019 vandalism event which resulted in a potential release of 45 gallons of gasoline onto the cracked asphalt pavement.

Based on the foregoing, EFI Global, Inc. recommended a Phase II Environmental Site Assessment, which is discussed in detail below.

EFI Global, Inc., Draft Phase II Environmental Site Assessment, 4665 Lampson Avenue, Los Alamitos, California 90720, dated September 22, 2022 - On behalf of a Potential Developer, this Phase II was conducted to further assess the RECs discussed above. The scope of work included a geophysical survey and soil sampling on August 16, 2022. As the subject property is planned to be redeveloped for residential purposes, the concentrations detected within this investigation were compared to the appropriate screening levels for residential settings. The geophysical survey did not identify any anomalies or subsurface utility conflicts in proximity to the proposed boring locations.

A total of 11 soil borings (B1 through B11, refer to Figure 3 for specific locations) were advanced at the subject property to a maximum depth of 15 feet bgs at the following locations:

- Borings B1 through B8 were advanced within the western parking area and grass areas to the north, south, and east.
- Boring B9 was advanced within the northeastern portion of the parking lot.
- Boring B10 was advanced adjacent to the 500-gallon AST and emergency back-up generator.
- Boring B11 was advanced within the southwestern portion of the building near the interior elevator.

Select soil samples were collected and analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline (TPHg), TPH as diesel (TPHd), TPH as oil (TPHo), volatile organic compounds (VOCs), PCBs, organochlorine pesticides (OCPs), arsenic, and lead.

Analytical results for TPH indicated the following:

- TPHg and TPHo were not detected above the laboratory reporting limit in any of the three soil samples analyzed.
- TPHd was detected in one of the three soil samples analyzed at a concentration of 3.42 milligrams per kilogram (mg/kg) in B10-S-5.

The concentration of TPHd was compared to the Maximum Soil Screening Levels (MSSLs) established by the Los Angeles Regional Water Quality Control Board (LARWQCB) in their *Interim Site Assessment and Cleanup Guidebook* (Guidebook, May 1996). For sites where the distance to groundwater is less than 20 feet bgs, the allowable TPH concentrations by carbon range (C) C13-C22 (TPHd) is 100 mg/kg. The detected TPHd concentration did not exceed this screening level. Therefore, the TPHd concentration in soil is considered to be *de minimis* in nature and is not considered to be a threat to groundwater quality at the Subject Property.

Analytical results for VOCs and PCBs indicated concentrations were not detected above the laboratory reporting limits in any of the soil samples analyzed.

Analytical results for OCPs indicated the following:

- 4,4'-Dichlorodiphenyldichloroethane (4,4'-DDD) was detected at a maximum concentration of 29.3 micrograms per kilogram ($\mu\text{g}/\text{kg}$) in two of the four soil samples analyzed for OCPs. The residential DTSC screening level (DTSC-SL) for 4,4'-DDD is 2,300 $\mu\text{g}/\text{kg}$.
- 4,4'-Dichlorodiphenyldichloroethylene (4,4'-DDE) was detected at a maximum concentration of 631 $\mu\text{g}/\text{kg}$ in three of the four soil samples analyzed for OCPs. The residential DTSC-SL for 4,4'-DDE is 2,000 $\mu\text{g}/\text{kg}$.
- 4,4'-DDT was detected at a maximum concentration of 136 $\mu\text{g}/\text{kg}$ in three of the four soil samples analyzed for OCPs. The residential DTSC-SL for 4,4'-DDT is 1,900 $\mu\text{g}/\text{kg}$.

All detected concentrations of OCPs in soil were significantly less than their respective residential DTSC-SL. Therefore, the OCPs detected in soil are considered to be *de minimis* in nature and are not considered to be a significant environmental concern for the proposed future residential use of the Subject Property.

Analytical results for arsenic and lead indicated the following:

- Arsenic was detected in all four soil samples analyzed at a maximum concentration of 4.64 mg/kg. The residential screening level for arsenic is 0.11 mg/kg and this screening level was exceeded in all of the four samples analyzed; however, are below the background concentrations of 12.7 mg/kg for arsenic in California soils (Inorganic Chemicals in Ground Water and Soil: Background Concentrations at California Air Force Bases, Hunter, et al., March 2005).

- Lead was also detected in all four soil samples analyzed at a maximum concentration of 17 mg/kg. The residential DTSC-SL for lead is 80 mg/kg.

Therefore, the concentrations of arsenic and lead are considered to be *de minimis* in nature and do not warrant further investigation or mitigation as a result of the proposed residential development.

Based on the analytical results detailed above, the potential chemicals of concern (COCs) detected in soil in the areas assessed do not indicate that a significant subsurface chemical release occurred. The detected concentrations found during this investigation are considered to be *de minimis* for the proposed residential redevelopment, and EFI Global, Inc. concluded that no further assessment is warranted at the time with respect to the RECs identified in the above Phase I.

These documents were provided by the client and were reviewed by EFI Global, Inc. in good faith. EFI Global, Inc. relies on the information in these documents to be true information for the subject property.

4.0 HISTORICAL LAND USE

A review of historical data derived from standard historical resources is provided in this section. The objective of consulting historical sources is to develop a history of the previous uses of the property and surrounding area, in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the property. During our historical review, acute attention is paid to the subject property. Data relating to the adjoining and immediately surrounding properties (within 100-feet of the subject property boundary) and the surrounding area is reviewed to the extent that it is revealed in the course of researching the property itself.

4.1 Aerial Photography Review

Aerial Photography of many portions of the United States dates back to the 1920's. Items searched for in each photograph included, but were not limited to: evidence of tanks, gas stations, industrial site usage, water drainage pathways, areas which show evidence of drums or excessive debris, discolored or stained soils, areas of distressed vegetation, et cetera.

Aerial Photograph Coverage was available from EDR for the years: 1928, 1938, 1947, 1952, 1963, 1972, 1977, 1988, 1990, 1994, 2002, 2005, 2009, 2012, and 2016. A summary of our observations is presented in the following table.

Year	Subject Property	Notable Adjoining Property Observations	Notable Observations of the Surrounding Area
1928	Appears to consist of agricultural land with a small barn-like structure on the southwest portion.	North: Agricultural land. East: Agricultural land. South: An unpaved road and residential structure and agricultural land beyond. West: Agricultural land.	Appears to consist of agricultural land.

Year	Subject Property	Notable Adjoining Property Observations	Notable Observations of the Surrounding Area
1938	Appears to be developed with an unpaved road on the west portion running north to south, with a small barn-like structure on the southwest portion, and agricultural land in the remainder.	<p>North: An unpaved road and agricultural land.</p> <p>East: Agricultural land.</p> <p>South: An unpaved road and residential structure and agricultural land beyond.</p> <p>West: Agricultural land.</p>	Appears to consist of agricultural land and sparse residential structures.
1947, 1952, and 1963	Appears to consist of agricultural land.	<p>North: Agricultural land.</p> <p>East: Agricultural land.</p> <p>South: An unpaved road and agricultural land beyond; a residential structure by 1963.</p> <p>West: Agricultural land.</p>	Appears to consist of agricultural land and what appears to be an airbase to the north.
1972, 1977, 1988, 1990, 1994, 2002, 2005, 2009, 2012, and 2016.	Appears to be developed with the existing commercial structure on the central portion, a parking lot on the west portion, and landscaped areas in the remainder.	<p>North: Vacant land; recreational park by 1988.</p> <p>East: Vacant land; golf course by 1977.</p> <p>South: A roadway and residential structures beyond.</p> <p>West: Vacant land; and potential agricultural land by 1994.</p>	Appears to consist of residential structures, vacant lands, roadways, and what appears to be an airbase; some vacant lands turned into recreational areas by 1977; potential agricultural lands appear by 1994.

- Aerial photographs indicate that the subject property was developed for agricultural purposes from at least 1928 to 1963. For further discussion, refer to Section 4.6.1.

4.2 Topographic Map Review

Topographic Maps of many portions of the United States dates back to the 1879 and the series of 7.5-minute quadrangles was officially completed in 1992. More than 55,000 7.5-minute maps were made to cover the 48 conterminous States. This is the only uniform map series that covers the entire area of the United States in considerable detail. Traditionally topographic maps show both natural and man-made features. Items searched for in each topographic map included, but were not limited to: evidence of tanks, landfills, water drainage pathways, or areas which show significant evidence of fill, et cetera.

Topographic Map Coverage was available from Environmental Data Resources (EDR) for the years: 1896, 1899, 1902, 1935, 1942, 1943, 1947, 1949, 1950, 1964, 1972, 1981, 2012, 2015, and 2018. A summary of our observations for the remaining maps are presented in the following table.

Year	Subject Property	Notable Adjoining Property Observations	Notable Observations of the Surrounding Area
1896, 1899, 1902, 1935, 1942, 1943, and 1947	Depicted as vacant land.	North, East, and West: Vacant land. South: Vacant land; a roadway by 1935; the roadway was removed by 1942.	Depicted with predominantly vacant land, roadways, and with the Anaheim Creek; sparse residential structures and a railway alignment to the north by 1902; the railway was removed by 1935.
1949 and 1950	Depicted as vacant land within the Naval Reservation corporate boundary.	North, East, and West: Vacant land within the Naval Reservation. South: Vacant land.	Depicted with predominantly vacant land, sparse residential structures, and a Naval Reservation Area.

Year	Subject Property	Notable Adjoining Property Observations	Notable Observations of the Surrounding Area
1964	Depicted as vacant land within the Los Alamitos Naval Air Station corporate boundary.	North, East, and West: Vacant land within the Los Alamitos Naval Air Station. South: A roadway and vacant land beyond.	Depicted with shaded areas indicating structural development, Los Alamitos Naval Base, and US Naval Weapons Station.
1972 and 1981	Depicted with the existing commercial structure on the central portion and accessways on the south portion within the Los Alamitos Naval Air Station corporate boundary.	North and West: Vacant land within the Los Alamitos Naval Air Station. East: Vacant land within the Los Alamitos Naval Air Station; golf course by 1981. South: A shaded area indicating structural development.	Depicted with shaded areas indicating structural development, recreational areas, Los Alamitos Naval Base, and US Naval Weapons Station.

- Topographic Maps that were created in 2012, 2015, and 2018 do not depict any structures and only indicate street development and street names. This does not mean that structures were not present at that time.

4.3 Building Department Records Review

The subject property address was researched at the City of Los Alamitos Department of Building and Safety. Items considered in the course of the building permit review are previous site usage, previous ownership, and the construction or demolition of any structures that may have had a negative environmental impact on the property. The following table summarizes all building permits obtained and reviewed:

4665 Lampson Avenue		
Date	Owner/Occupant	Purpose
08/07/2001	Not listed	Tenant improvements at a network operations center (N.O.C.) room.
10/08/2001	United States of America	Install a 3-ton heat pump inside building and install 4 registers.
10/18/2001	Not listed	Application to install fire sprinklers. A note on the application states "Federal building exempt from City Permits."

4.4 City Directory Review

City directories have been published since the 1800's and provide detailed occupant information for the property and its surrounding area at five-year intervals. The purpose of the City Directory research is to attempt to determine the businesses that historically occupied the subject property. Historical City Directories provided by EDR and reviewed by EFI Global, Inc. are listed below.

Subject Property

4665 Lampson Avenue	
Date	Listing
1987, 1992, and 1995	Association of California School Administrators, Incorporated (Inc.) and Southwest Regional Lab (SWRL) Research/ Education/ Development.
2005	California State University, State of California Fish and Game, and WestEd Lab for Research/ Education/ Development.
2010	WestEd Lab for Research/ Education/ Development.
2014	Law Offices with various attorneys, State of California Fish and Game, and WestEd Lab for Research/ Education/ Development.

- The following addresses were identified for the adjoining and immediately surrounding properties: 4549, 4557, 4565, 4573, 4581, 4589, 4601, 4609, 4617, 4625, 4633, 4641, 4649, 4657, 4665, 4673, 4681, 4689, 4697, and 4701 Ironwood Avenue. These addresses were reviewed during the City Directory research and did not reveal any uses of concern.

4.5 Sanborn Map Review

Originally compiled by the Sanborn Map Company of Pelham, New York for fire insurance companies to assess fire risks related to building materials and hazardous materials storage, today Sanborn Maps are an invaluable tool for Environmental Professionals in determining historical site use and the potential for environmental conditions. Sanborn Map Coverage is available from as early as 1867 in some cities. Although Sanborn maps were created for approximately twelve thousand cities and towns in the United States, Canada, and Mexico, Sanborn Map Coverage is not available in newer and more rural communities.

- Sanborn Map Coverage was not available for the subject property. The remaining Historical Land Use data in our opinion is sufficient to accurately ascertain the historical site use.

4.6 Historical Summary

4.6.1 Subject Property

According to EFI Global, Inc.'s interpretation of the historical research data, the subject property was undeveloped land sometime prior to 1896 through at least 1902. From at least 1928 to at least 1963, the subject property was developed for agricultural purposes. A small barn-like structure was located on the southwest portion of the subject property from 1928 to 1938. By 1938, the subject property was developed with an unpaved road on the west portion, running north to south, and the unpaved road was no longer present by 1947. In 1971, the subject property was redeveloped with the existing commercial structure on the central portion, a parking lot on the west portion, and landscaped areas in the remainder. The subject property has remained in this configuration through the present.

Historical occupants of the subject property have included: Southwest Regional Laboratory (educational research and development, 1972-1995), the Association of California School Administrators, Inc. (1987-1995), California State University (2005), State of California Fish and Game (2005-2010), WestEd (non-profit research, development, and services agency, 2005-2022), Law offices with various attorneys (2014-2022), California Department of Fish and Wildlife (2003-2022), and National Comfort Institute, Inc. (NCI) (an HVAC training center, 2010-2022). It should be noted that the subject property was vacant at the time of our site reconnaissance.

- The subject property was historically used for agricultural purposes from at least 1928 through at least 1963. There is a potential that during this period agricultural chemicals, such as pesticides, herbicides, and fertilizers, were applied to site soils consistent with normal application practices. Agricultural chemicals tend to accumulate in the near-surface soils. The north and east portions of the subject property have not been redeveloped since the agricultural use ceased. A Phase II Environmental Site Assessment was conducted at the subject property on September 2022, which was discussed in further detail in Section 3.6 above.

4.7 Historical Data Gaps

None of the historical resources utilized as part of this assessment covered the period from 1903 to 1927, constituting a data gap. However, based on the undeveloped nature of the subject property in 1902 and agricultural use by 1928, it is assumed that the subject property would have been utilized for similar purposes during this time period. Based on the foregoing, this limitation is not expected to significantly alter the finding of this report.

5.0 REGULATORY DATABASE REPORT

A radial database search was conducted in accordance with the specifications defined in ASTM International E1527-13 and E1527-21 which sets the radial search distances for each regulatory database. The radial database search was conducted by EDR on December 22, 2022. A copy of the database report is presented in Appendix III of this report. The following table summarizes required databases reviewed, the approximate search distances, and indicates if the subject site, adjoining/ immediately surrounding properties or surrounding sites are listed on the respective database.

Following the table are summaries of the information found in the relevant database listings and our opinion regarding the potential for the subject property to be impacted. Our opinion is based on the information found in the database listings, through other historical and regulatory resources, "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" (ASTM International E2600-15), and assumed groundwater flow direction. As discussed in Section 2.3, groundwater is estimated to be approximately 5 to 15 feet bgs in the area of the site and is assumed to flow towards the west-southwest.

DATABASE	Search Distance (Miles)	Subject Site (Yes/No)	Adjacent Site (Yes/No)	Total Listings (#)
Federal National Priorities List (NPL)	1.0	No	No	0
Federal De-listed NPL	1.0	No	No	0
Federal CERCLIS	0.5	No	No	0
Federal CERCLIS NFRAP	0.5	No	No	0
Federal RCRA CORRACTS	1.0	No	No	0
Federal RCRA non-CORRACTS TSD	0.5	No	No	0
Federal RCRA Generators	0.25	No	No	0
Federal Institutional/Engineering Controls	0.5	No	No	0
Federal ERNS	Property	No	No	0
State/Tribal Equivalent NPL	1.0	No	No	0
State/Tribal Equivalent CERCLIS	1.0	No	Yes	2
State/Tribal Landfill	0.5	No	No	0
State/Tribal Underground Storage Tank (UST)	0.25	No	No	0
State/Tribal Leaking Underground Storage Tank (LUST/ CPS-SLIC)	0.5	No	No	5
State/Tribal Institutional/Engineering Controls	0.5	No	No	0
State/Tribal Voluntary Clean-up Sites	0.5	No	No	0
State/Tribal Brownfield Sites	0.5	No	No	0

5.1 Subject Property

SWRL/ WestEd/ California Department of Fish and Wild Life, Los Alamitos (CDFWLA) (4665 Lampson Avenue) - The subject property is listed on the Department Of Defense Sites (DOD), Facility and Manifest Data (HAZNET), Hazardous Waste Tracking System (HWTS), California Hazardous Materials Information Reporting System (CHMIRS), Resource Conservation and Recovery Act - Non Generator / No Longer Regulated (RCRA NonGen / NLR), Facility Index System/Facility Registry System (FINDS), and Enforcement and Compliance History Online (ECHO) databases.

The DOD listing indicated that the site is located within the boundaries of the Los Alamitos Armed Forces Reserve Center as outlined in the Department of Defense (DOD) database. Information associated to this facility is discussed in Section 5.2.

According to the information provided in the ECHO, FINDS, HWTS, and HAZNET listings, the subject property was assigned with the following USEPA Identification (ID) numbers:

- CAC000089381 from June 3, 1988, to October 25, 2000,
- CAL000248737 from March 26, 2002, to June 30, 2003,
- CAC002559277 from November 27, 2002, to August 19, 2003,
- CAC002599260 from January 11, 2006, to July 11, 2006,
- CAL000387803 on July 29, 2013, and has remained active through the present
- CAL000348685 from December 15, 2009, to June 30, 2015, and
- CAL000415272 from March 22, 2016, to June 30, 2017.

The property was also assigned the Registry ID number 110070412622. Information regarding produced hazardous waste at the subject property is as follows:

SWRL			
HAZNET Manifest for USEPA ID CAC000089381			
Year	Tonnage	Description	Disposal Method
1988	88.494	Not Specified.	Not Specified.
1999	25.284	Asbestos containing waste.	Disposal, landfill.
2000	0.084	Asbestos containing waste.	Disposal, landfill.

CDFWLA			
HAZNET Manifest for USEPA ID CAL000248737			
Year	Tonnage	Description	Disposal Method
2003	0.015	Off-specification, aged, or surplus organics.	Transfer station.

WestEd			
HAZNET Manifest for USEPA ID CAL000348685			
Year	Tonnage	Description	Disposal Method

2010	0.033	Off-specification, aged or surplus organics.	Other Treatment.
2012	0.135	Off-specification, aged or surplus organics.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).
2012	0.005	Laboratory waste chemicals.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).

CDFWLA			
HAZNET Manifest for USEPA ID CAL000387803			
Year	Tonnage	Description	Disposal Method
2014	0.013	Laboratory waste chemicals.	Incineration.
2014	0.113	Aqueous solution with total organic residues less than 10 percent.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).
2016	0.099	Off-specification, aged or surplus organics.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).

WestEd			
HAZNET Manifest for USEPA ID CAL000415272			
Year	Tonnage	Description	Disposal Method
2016	0.115	Off-specification, aged or surplus organics.	Other recovery of reclamation for reuse including acid regeneration, organics recovery etc.
	0.100	Off-specification, aged or surplus organics.	Storage, bulking, and/or transfer off-site (No treatment/ recovery).

The RCRA NonGen/ NLR listing reported the property as a handler of hazardous waste on July 29, 2013. No violations or evaluations were found. Based on the nature of the wastes, proper disposal, and operation during a period of stringent regulatory oversight, the documented waste generation is not expected to represent a significant environmental concern.

According to the CHMIRS listing, a potential release of 45 gallons of gasoline onto the asphalt was discovered on September 27, 2019, after an event of vandalism that included the vandalization of several governmental vehicles parked at the subject property parking lot. After the discovery, the California Highway Patrol was notified and the release was stopped. The spilled gasoline was contained under the regulatory oversight of the Orange County Emergency Management Division. No further information regarding the cleanup, if any, was provided. A Phase II Environmental Site Assessment was conducted at the subject property on September 2022, which was discussed in further detail in Section 3.6 above.

5.2 Adjoining and Immediately Surrounding Properties

Stephen Kleigman (4673 Ironwood Avenue) - The adjacent property located approximately 81 feet south (hydrologically cross- to down-gradient) of the subject property and across Lampson Avenue is listed on the RCRA NonGen / NLR database. According to the listing, the site was reported as a handler of hazardous waste on August 21, 2018. The site was also issued USEPA ID number CAC002976711 and the NAICS code 56299 for "all other waste management services." It should be noted that the south adjacent properties have been in their existing residential nature since at least 1972. Based on the foregoing, lack of evidence of a release, lack of enforcement actions taken against the facility by the local regulatory agencies, and cross- to down-gradient location with regard to the subject property, the abovementioned listing is not expected to represent an environmental concern for the subject property.

Reid Kupfer (4549 Ironwood Avenue) - The adjacent property located approximately 81 feet south (hydrologically cross- to down-gradient) of the subject property and across Lampson Avenue is listed on the RCRA NonGen / NLR database. The listing indicated the as a handler of hazardous waste on November 11, 2021. The site was also issued USEPA ID number CAC003147963 and the NAICS code 56299 for "all other waste management services." It should be noted that the south adjacent properties have been in their existing residential nature since at least 1972. Based on the foregoing, lack of evidence of a release, lack of enforcement actions taken against the facility by the local regulatory agencies, and cross- to down-gradient location with regard to the subject property, the abovementioned listing is not expected to represent an environmental concern for the subject property.

Los Alamitos Radar Bomb Scoring Site/ US NAS Los Alamitos (Los Alamitos, California) - The north adjoining property (hydrologically down-gradient) is listed on the Formerly Used Defense Sites (FUDS) and EnviroStor databases. According to the listings and online database, the US NAS Los Alamitos and Los Alamitos Radar Bomb Scoring Site were listed as formerly used defense sites under facility ID numbers 80000646 and 80000425, respectively. The potential contaminants of concern (CoC) were not reported for the former site but the site formerly contained explosives such as munitions and explosives of concern (MEC) and unexploded ordnances (UXO). The sites were issued inactive statuses by the DTSC Cypress Branch on June 1, 2005 and August 14, 2018, respectively. No utilization restrictions were reported and no further information was provided. It should be noted that the historical defense operations were located in excess of 3,000 feet north of the subject property across agricultural row crops and an airport runway. Based on the lack of evidence of a documented release, inactive status by the regulatory oversight, down-gradient location with regard to the subject property, and ongoing army base operations, the abovementioned listings are not expected to represent an environmental concern for the subject property.

No other adjoining/immediately surrounding properties (within 100 feet) were listed on any of the regulatory databases researched or the listings were not associated with the storage or disposal of hazardous wastes including aboveground or underground storage tanks, did not indicate a known chemical release, and did not indicate a property use where the use of hazardous chemicals would be expected.

5.3 Surrounding Area

In our opinion, none of the other sites listed on the regulatory database report pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but groundwater has not been impacted, a release has occurred but the case is closed, or the sites are located cross or down gradient of the subject property and in excess of 1/10 mile from the subject property.

5.4 Orphan Sites

Orphan sites are unmappable sites which appear in a list form in the Radius Map Report rather than on the standard Radius Map. No orphan sites were identified in the Radius Map Report prepared for this site.

6.0 AGENCY FILE REVIEWS

6.1 State Agencies

The Santa Ana Regional Water Quality Control Board (SARWQCB), Department of Toxic Substances Control (DTSC), and South Coast Air Quality Management District (SCAQMD) were contacted air emission permits and site investigation files for the subject property. Additionally, the SWRCB's GeoTracker, DTSC's EnviroStor and HWTS, and SCAQMD's Facility Information Detail (FIND) online databases were reviewed for information pertaining to the subject property to identify any evidence of previous or current hazardous material usage.

- According to the responses to our requests from the SARWQCB and DTSC, and a review of the GeoTracker and EnviroStor online databases, there are no files for the subject property.
- The HWTS listings were consistent with those discussed in Section 5.1, and based on the nature of wastes and proper disposal, the documented waste generation is not expected to represent a significant environmental concern.
- FIND and SCAQMD records indicated WestEd was issued a Permit to Construct/Operate (PTC/O) a diesel-fueled emergency electrical generator on January 6, 2000. Another PTO for this generator was issued to WestEd on June 29, 2007. A notice of violation was issued to WestEd on January 3, 2017 for the failure to register boilers rated 1-2 million British thermal units per hour (Btu/hr), which was returned to compliance on April 7, 2017. The use of the aforementioned generator is discussed in detail in Section 3.0.

The California Department of Conservation, Geologic Energy Management Division (CalGEM) online mapping application Well Finder was reviewed for information pertaining to oil and gas exploration on or nearby the subject property.

- No oil wells were identified within 500 feet of the subject property.

6.2 City/County Agencies

The Orange County Environmental Health Department (OCEHD), Orange County Sanitation District (OCSD), and Orange County Fire Authority (OCFA) were contacted regarding hazardous materials, underground storage tank, and industrial waste discharge records for the subject property.

- According to the response to our request from the OCSD, there are no files for the subject property.
- OCFA provided a routine inspection report of the subject property on July 25, 2006. The subject property was identified as an office building permitted to maintain combustible liquids as of 2002 and small arms ammunition. No violations were found. Based on the office nature of the operations, this information is not expected to represent an environmental concern for the subject property.

Additionally, the City of Los Alamitos Department of Building and Safety via the Los Alamitos City Clerk (LACC) was contacted regarding building permit records for the subject property. The LACC provided building permit records for the subject property which are summarized in Section 4.3 of this report.

6.3 Agency File Review Limitations

At the time this report was issued, no response has been received from the OCEHD. It should be noted that no records were available during the completion of our July 22, 2022 Phase I. As the subject property is currently unoccupied, EFI Global does not expect any records to be available from the OCEHD. Nonetheless, should relevant information be obtained from this agency subsequent to issuing this report, EFI Global will prepare and issue an addendum to the Client.

7.0 NON-SCOPE ENVIRONMENTAL RISKS

ASTM International E1527-13 and E1527-21 identifies additional conditions which, should they exist at the subject property, may create a human health risk to the occupants of the site. These risks may also create additional costs to the property owner in the form of identification, operations & maintenance, and cleanup or remediation.

7.1 Asbestos Containing Building Materials

Asbestos is a group of naturally occurring minerals used in many products, including building materials vehicle brakes, insulation and other products that require resistance to heat and corrosion. Asbestos includes: chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, actinolite asbestos, and any of these materials that have been chemically treated and/or altered.

The inhalation of asbestos fibers by workers can cause cancer and other serious diseases of the lungs and other organs that may not appear until years after the exposure has occurred. For instance, asbestosis can cause a buildup of scar-like tissue in the lungs and result in loss of lung function. Asbestos fibers associated with these health risks are too small to be seen with the naked eye, and smokers are at higher risk of developing some asbestos-related diseases.

Asbestos-containing materials (ACM) do not always pose a hazard to occupants and workers in buildings that contain these materials. Intact, undisturbed ACMs generally do not pose a health risk. ACMs may become hazardous and pose an inhalation risk when they are damaged, disturbed in some manner, or deteriorate over time and asbestos fibers are released into building air.

ACM can be found in a multitude of building products which include decorative and acoustical plaster texture, fire-proofing (Monokote), joint compound, attic and wall insulation, resilient floor covering, mastic, recessed lighting fixtures, wiring, elevator brakes, fire doors, pipe insulation, pipe gaskets, duct insulation, duct tape, siding and roofing materials (tar/shingles), textured paint, stucco, concrete, asphalt underlayment (Petromat) and plaster.

Local jurisdictions have specific laws and regulations regarding asbestos and actions including building renovations and building demolition.

- Based on the age of the onsite structure, there is a potential for asbestos-containing building materials at the subject property; however, no testing was completed as part of this report. Suspect asbestos-containing materials (ACMs) were observed in the form of drywall partitions and ceilings, drop ceiling panels, ceramic and vinyl floor tiles, and associated mastics. All building materials appeared in good condition at the time of our site reconnaissance. Individual suspect materials would need to be tested as part of an asbestos survey prior to any renovation or demolition in order to confirm the presence or non-presence of asbestos. As noted in an Asbestos Survey Report dated November 16, 2021 (discussed in Section 3.6), asbestos was identified at the subject property.

7.2 Lead-Based Paint

Although the use of lead-based paint in residential structures has been prohibited since 1978, it may still be used in commercial and industrial buildings. It is approximated that 80 percent of buildings built prior to 1978 contain lead paint. Even at low levels, lead poisoning can cause IQ deficiencies, reading and learning disabilities, impaired hearing, reduced attention spans, hyperactivity and other behavior problems with children under 6 years old being most at risk.

Lead is a highly toxic metal that was used for many years in products found in and around our homes and commercial buildings. Lead can be found in dust from friction surfaces of windows and doors that are painted with lead-based paint and from building components coated with lead-based paint that has begun peeling, flaking and chalking. There is also the potential for soil to have elevated lead levels due to leaching from lead based paint on nearby structures and deposition of airborne lead when leaded fuel was in use prior to the 1976 ban and phase out.

Since the 1980's, lead has been phased out in gasoline, reduced in drinking water, reduced in industrial air pollution, and banned or has been limited in use in consumer products.

Between the local, State and Federal agencies, including the Environmental Protection Agency (EPA), Department of Housing and Urban Development (HUD), Occupational Safety & Health Administration (OSHA) and the California Department of Public Health (CDPH), each state has various action limits that have been enacted with the intent to prevent human exposure and contamination of the surrounding environment.

- Based on the age of the onsite structure, there is a potential for lead-based paint at the site. All painted surfaces appeared in good condition at the time of our site reconnaissance. Individual suspect materials would need to be tested as part of a lead-based paint survey prior to any renovation or demolition in order to confirm the presence or non-presence of lead-based paint. As noted in a Lead-Based Paint Testing Report dated November 15, 2021 (discussed in Section 3.6), lead was identified at the subject property.

7.3 Radon

Radon is a radioactive gas that has been found in structures all over the United States. Radon is produced from the natural breakdown of uranium in soil, rock, and water. Radon typically moves up through the ground and into structures through cracks and other holes in the foundation. Movement of radon through the earth is strongly influenced by moisture content and permeability of soil, porosity, and degree of fracturing in rocks, as well as surface meteorological conditions. High levels of radon have been discovered in every state.

Radon cannot be seen, smelled, or tasted. Breathing air-containing radon may increase the risk of getting lung cancer. The Surgeon General of the United States has warned that radon is the second leading cause of lung cancer in the United States today after smoking.

Testing for the presence of radon is fairly inexpensive, simple and is the only way to be certain of the on-site concentrations. Various types of sampling methods exist to determine the concentration. On-site radon sampling was not performed during the completion of this assessment.

- Based on research by the USEPA, the average radon concentrations for Orange County are less than 2.0 picocuries per liter (pCi/L), which is below the 4.0 pCi/L action level set by the USEPA; however, site specific radon levels vary greatly within the USEPA radon zones and on-site radon measurements would need to be collected in order to determine the radon levels at the subject property.

7.4 Wetlands

According to the Clean Water Act, a wetland is “those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.” Wetland areas have been identified as ecologically diverse and sensitive areas and are generally subject to more stringent development, re-development, and building regulations.

- The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory was reviewed to determine if the subject property is situated within an identified wetland. According to the USFWS, the subject property is not located within a wetland area.

7.5 Mold

Mold and mildew are simple, microscopic organisms in the Fungi kingdom that can grow virtually anywhere if they have adequate moisture, nutrients, air and appropriate temperatures. Depending on the particular mold or fungus, growing colonies can be almost any color. Most household molds and fungi (mildews) are white, black, grey, or brown colored. Spores of dozens of kinds of mold and fungus (mildew) are present at all times in indoor and outdoor air. These spores can settle, germinate and grow wherever good growth conditions are found. They can grow on soil, plants, dead plant materials, foods, fabrics, paper, wood and many other materials found within buildings. Many molds are not harmful and actually have a beneficial role in the environment and in living systems. In soil, molds play a crucial part in decomposition of organic matter and in making nutrients available to plants.

When mold and fungi (mildews) growth occurs in buildings, it can be very destructive to the materials on which they grow and cause high levels of airborne mold spores and volatile organic compounds associated with the characteristic musty / moldy odor. They cause staining, decomposition (rotting of materials) and objectionable, musty odors. Where colonies are extensive they can also produce enough spores, and by-products to be harmful to health. Many of the by-products of mold and fungus (mildew) are irritating to skin, eyes and respiratory tracts. Some molds produce true allergic sensitization and allergic reactions in susceptible people. Some molds produce toxic by-products that could be harmful to skin, and poisonous if ingested or inhaled in quantity. Persons with compromised immune systems may even experience systemic fungal infections of the respiratory tract.

EFI Global, Inc. observed a limited amount of interior areas of the subject building in order to identify the significant, visible presence of mold. This activity was not intended to discover all areas which may be affected by mold growth at the subject property. Potential areas of mold not observed as part of this limited assessment, include but are not limited to, pipe chases, HVAC systems and within enclosed wall and ceiling cavities that may be present in the subject property. A complete mold assessment, which may include various types of sampling, would be required to determine if mold levels within the subject building are at levels acceptable by industry standards.

- EFI Global, Inc. did not observe visible or olfactory indications of the presence of mold, nor did EFI Global, Inc. observe obvious indications of significant water damage. No sampling was conducted as part of this assessment.

7.6 Methane Gas

In response to growing concern regarding methane intrusion into buildings and to the potential for methane build-up underneath buildings, certain municipalities have established methane requirements for structures based on the proximity to oil wells and landfills. If a subject property is located in the proximity of active or abandoned oil wells or landfills, methane mitigation devices installed prior to construction activities at a subject property may be necessary.

- Based on our research, the property is not known to be located in proximity (within 1,000 feet) to any active or abandoned oil wells or landfills. Therefore, the potential for methane risk at the subject property is considered low.

8.0 FINDINGS

EFI Global, Inc. has performed a Phase I for Lampson Park Place LLC (Client) for a commercial property located at 4665 Lampson Avenue, in Orange County, and the City of Los Alamitos, California, APN: 130-012-035. The research conducted for this study and the report prepared are in conformance with the USEPA AAI standard and the ASTM International E1527-13 and E1527-21 scope of work.

8.1 CONCLUSIONS

EFI Global, Inc. has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM International E1527-13 and E1527-21, at 4665 Lampson Avenue, Los Alamitos, California, the subject property. Any exceptions to or deletions from this practice are described in the individual sections of this report. This assessment has revealed no evidence of recognized environmental conditions or *de minimis* conditions in connection with the subject property, except for the following:

Recognized Environmental Condition (REC)

In our opinion, no RECs were identified during the course of this assessment.

Historical Recognized Environmental Condition (HREC)

In our opinion, no HRECs were identified during the course of this assessment.

Controlled Recognized Environmental Condition (CREC)

In our opinion, no CRECs were identified during the course of this assessment.

De Minimis Condition

The detected concentrations of TPHd, OCPs, arsenic, and lead are considered to be *de minimis* for the Subject Property.

Significant Data Gaps

In our opinion, no significant data gaps were identified during the course of this assessment.

8.2 RECOMMENDATIONS

Based on the foregoing, no additional investigation is recommended at this time.

9.0 SIGNATURES

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

Prepared By:

Date: January 18, 2023

A handwritten signature in black ink that reads "Alberto Jimenez".

Alberto Jimenez
Project Manager

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

Reviewed By:

Date: January 18, 2023

A handwritten signature in blue ink that reads "Christopher Rude".

Christopher Rude
Senior Project Manager

10.0 REFERENCES

Allstate Services LLC for FREY, Lead-Based Paint Testing Report, 4665 Lampson Avenue, Los Alamitos, California, dated November 15, 2021

ASTM International, 2013. Subcommittee E50.2 Commercial Real Estate Transactions, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", Designation E1527-13, West Conshohocken, PA 35 pp.

ASTM International, 2021. Subcommittee E50.2 Commercial Real Estate Transactions, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", Designation E1527-21, West Conshohocken, PA 59 pp.

ASTM International, 2015. Subcommittee E50.2 on Real Estate Assessment and Management, "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions", Designation E2600-15, West Conshohocken, PA 34 pp.

California Department of Conservation, Geologic Energy Management Division (CalGEM) Well Finder - <https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx>

California Department of Conservation, California Geologic Survey - <http://www.consrv.ca.gov/CGS>

California Department of Water Resources, Individual Basin Descriptions - <http://www.groundwater.water.ca.gov/bulletin118>

DTSC Hazardous Waste Tracking System (HWTS) Reports - http://hwts.dtsc.ca.gov/report_list.cfm

EFI Global, Inc., Draft Phase I Environmental Site Assessment, 4665 Lampson Avenue, Los Alamitos, California 90720, dated July 22, 2022

EFI Global, Inc., Draft Phase II Environmental Site Assessment, 4665 Lampson Avenue, Los Alamitos, California 90720, dated September 22, 2022

Environmental Data Resources, Inc., 2022. The EDR – Radius Map with GeoCheck®, Inquiry No. 7210849.5s, Shelton CT, 266 pp.

Environmental Data Resources, Inc., 2022. The EDR – City Directory Abstract, Inquiry No. 7035967.5, Shelton CT, 36 pp.

Environmental Data Resources, Inc., 2022. Certified Sanborn® Map Report, Inquiry No. 7210849.6, Shelton CT, 2 pp.

Environmental Data Resources, Inc., 2022. The EDR Aerial Photo Decade Package, Inquiry No. 7035967.8, Shelton CT, 17 pp.

Environmental Data Resources, Inc., 2022. The EDR –Historical Topographic Map Report (USGS Los Alamitos, California 7.5 minute), Inquiry No. 7035967.4, Shelton CT, 22 pp.

EnviroStor- <http://www.envirostor.dtsc.ca.gov/public/>

Federal Aviation Administration, Determination of No Hazard to Air Navigation, dated January 26, 2022

FREY Environmental, Inc. (FREY), Phase I Environmental Site Assessment, 4665 Lampson Avenue, Los Alamitos, California, dated November 15, 2021

FREY, Asbestos Survey Report, 4665 Lampson Avenue, Los Alamitos, California, dated November 16, 2021

GeoTracker - <http://geotracker.waterboards.ca.gov/>

Google Earth - <http://earth.google.com/>

LGC Geotechnical, Inc., Preliminary Geotechnical Evaluation and Design Recommendations for Proposed Single-Family and Multi-Family Residential Development, 4665 Lampson Avenue, Los Alamitos, California, dated December 21, 2021

Newspapers Publisher Extra - <https://www.newspapers.com/>

RealQuest- <http://www.realquest.com/jsp/rq.jsp?action=switch&page=main>

Solid Waste Information Management System - <https://dpw.lacounty.gov/epd/swims/OnlineServices/search-methane-hazards-esri.aspx>

South Coast Air Quality Management District Facility Information Detail System (FIND)-
<http://www3.aqmd.gov/webappl/fim/prog/search.aspx>

Wetlands Mapper - <https://www.fws.gov/wetlands/Data/Mapper.htm>

Williams Aviation Consultants, Summary of Initial Findings, September 7, 2021

APPENDIX I

ILLUSTRATIONS

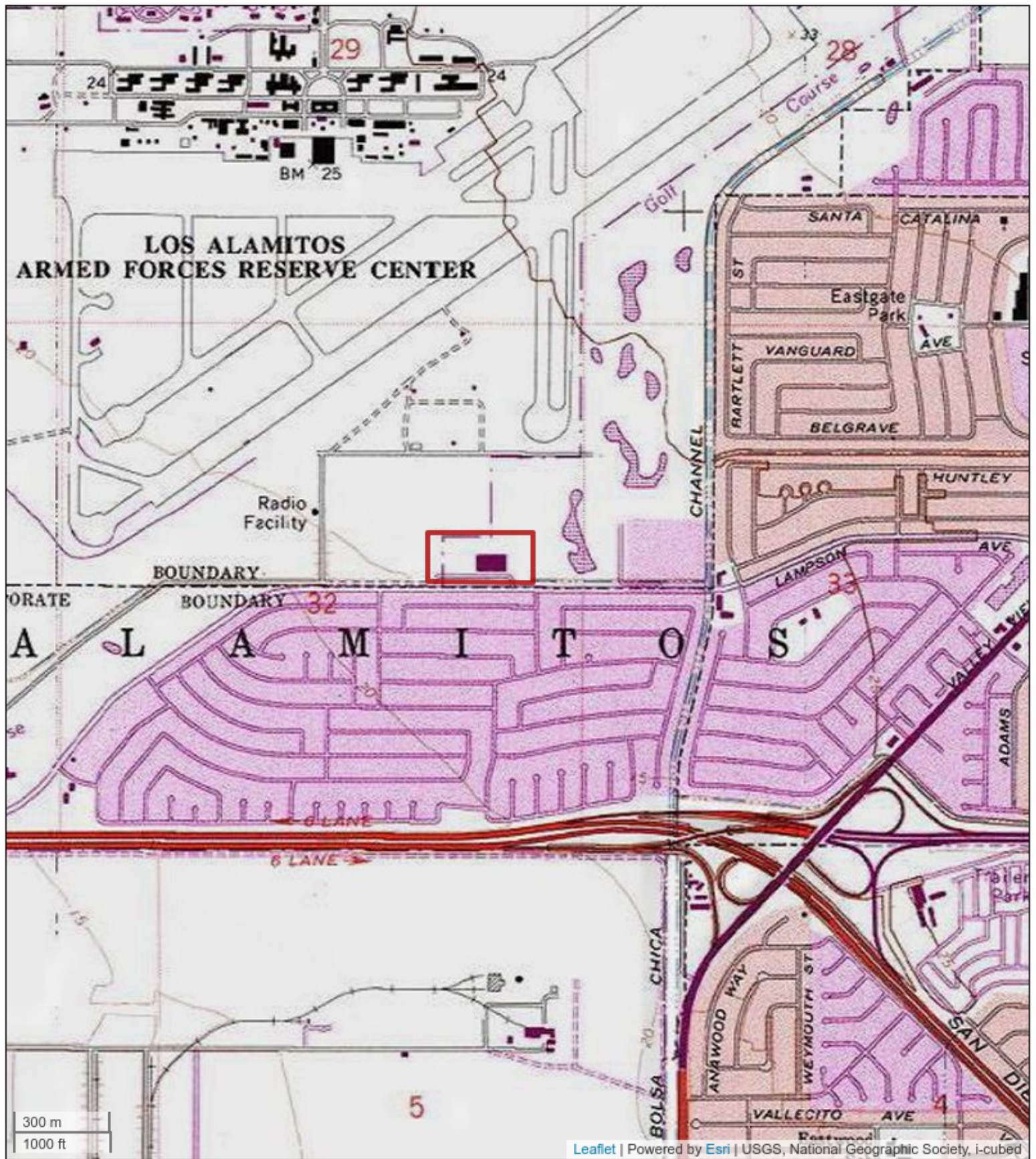


Figure 1: TOPOGRAPHIC MAP

4665 Lampson Avenue, Los Alamitos, California 90720

Lampson Park Place LLC

EFI Project Number: 045.10352



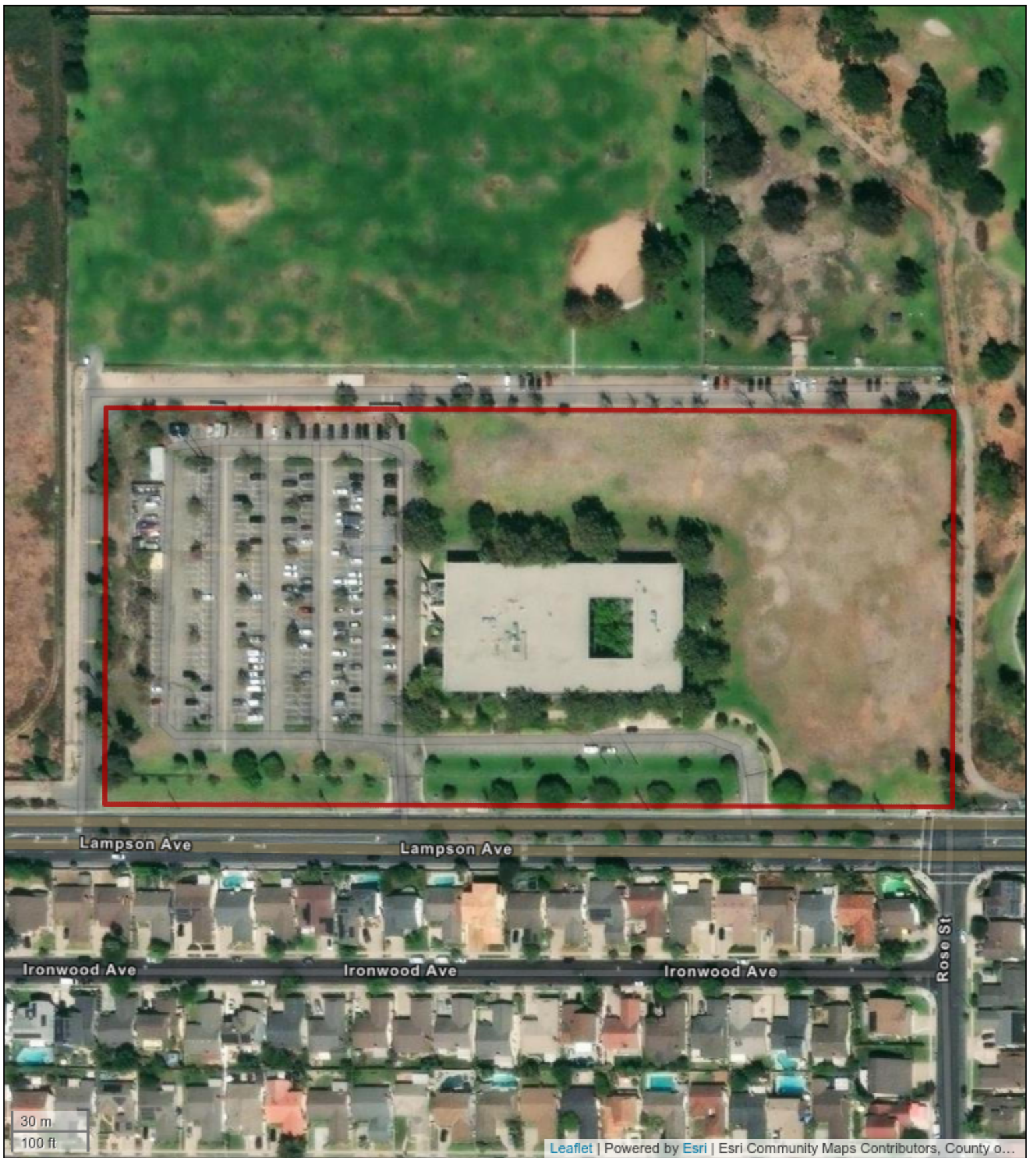


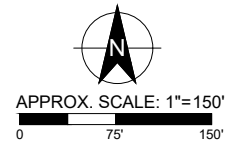
Figure 2: SITE LOCATION MAP

4665 Lampson Avenue, Los Alamitos, California 90720
Lampson Park Place LLC
EFI Project Number: 045.10352





LEGEND	
	PROPERTY LINE
	SUBJECT STRUCTURE
	APPROXIMATE LOCATION OF SOIL BORING
B11	



SITE PLAN
 4665 LAMPSON AVENUE
 LOS ALAMITOS, CA 90720



PN: 045.09236	FIGURE
DT: 09/10/2022	2
DB: CR CB: DA	

APPENDIX II

PHOTOS



Photo 1: View of the south (front) portion of the subject structure looking northeast.



Photo 2: View of the south (front) portion of the subject structure looking northwest.



Photo 3: View of the southeast portion of the subject structure looking northwest.



Photo 4: View of the northeast portion of the subject structure looking southwest.



Photo 5: View of the northwest portion of the subject structure looking southeast.



Photo 6: View of the west portion of the subject structure looking northeast.



Photo 7: View of the courtyard on the central portion of the subject structure.



Photo 8: View of the south portion of the subject property looking east.



Photo 9: View of the south portion of the subject property looking west.



Photo 10: View of the western parking area looking north.



Photo 11: View of the western parking area looking northeast.



Photo 12: View of the northwest portion of the subject property looking east.



Photo 13: View of the north-central portion of the subject property looking east.



Photo 14: View of the north-central portion of the subject property looking west.



Photo 15: View of the east portion of the subject property looking south.



Photo 16: View of the east portion of the subject property looking north.



Photo 17: View of the loading dock and trash dumpsters.



Photo 18: View of pad-mounted electrical transformer.



Photo 19: View of cooling equipment within the enclosure west of the subject structure.



Photo 20: View of 55-gallon drums and drain.



Photo 21: View of diesel AST.



Photo 22: View of former sampling location in the vicinity of the diesel AST.



Photo 23: View of gated enclosure on the northwest portion of the subject property.



Photo 24: Representative view of former sampling location.



Photo 25: Representative view of trench drain.



Photo 26: View of former lobby/receptionist area.



Photo 27: View of entrance area.



Photo 28: View of former office space.



Photo 29: Representative view of cubicle office space.



Photo 30: View of former conference room.



Photo 31: Representative view of restroom.



Photo 32: Representative view of stairs.



Photo 33: View of shipping and receiving area.



Photo 34: View of electrical room.



Photo 35: Representative view of dry-type transformer.



Photo 36: View of emergency power generator.



Photo 37: View of elevator equipment room.

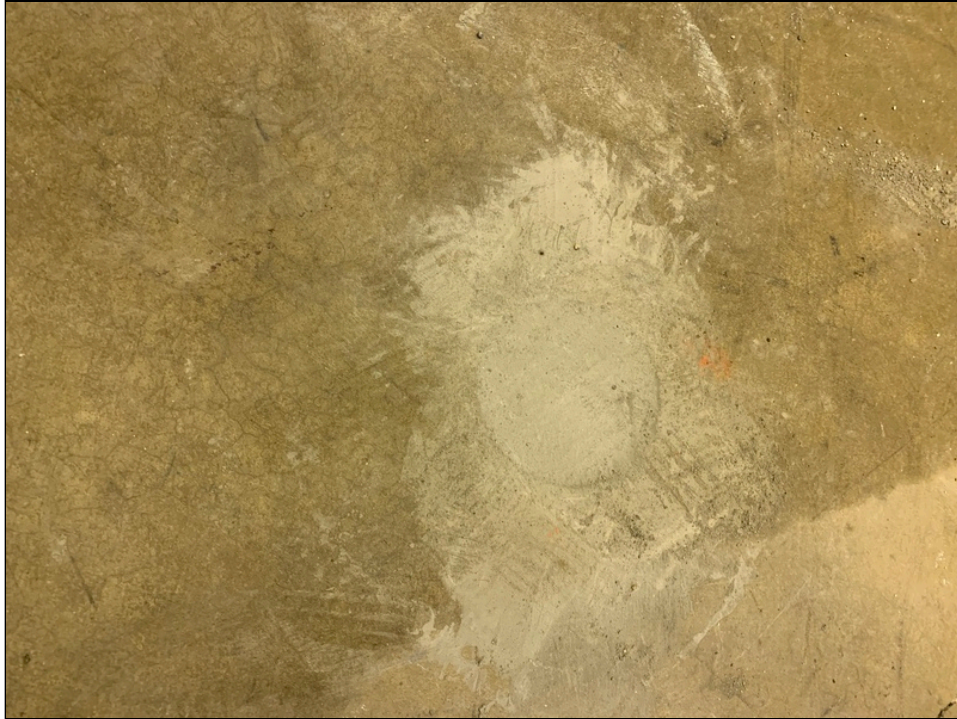


Photo 38: View of former sampling location within the elevator equipment room.



Photo 39: View of mechanical room.



Photo 40: View of chiller room.



Photo 41: View of drain within the chiller room.

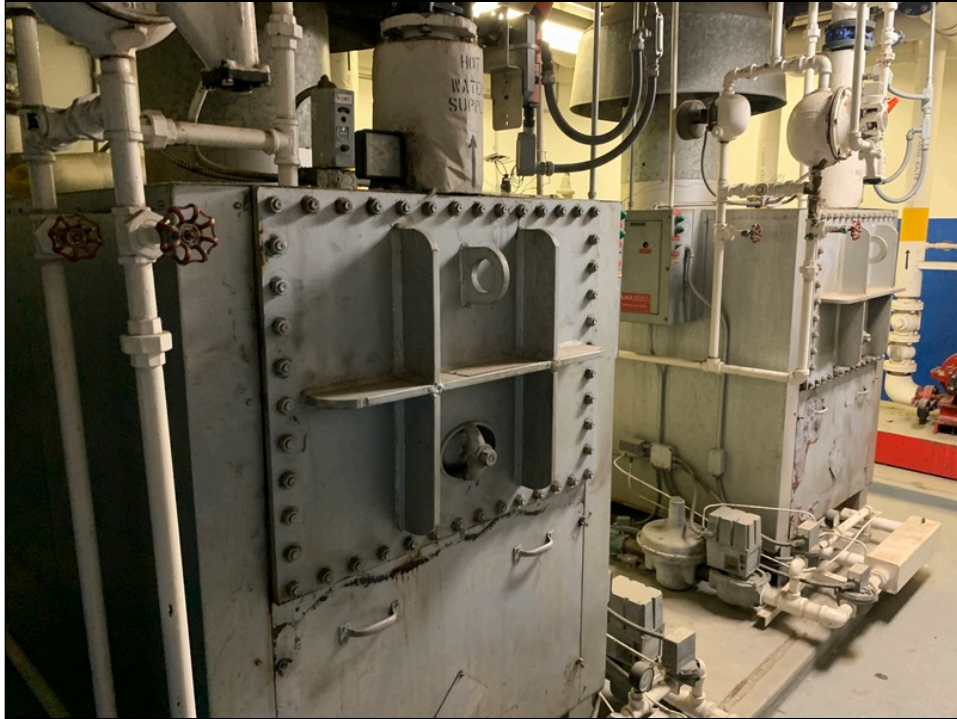


Photo 42: View of boiler room.



Photo 43: View of former laboratory.



Photo 44: View of empty flammable material cabinet.



Photo 45: View of the north adjoining property.



Photo 46: View of the south adjacent residential properties looking southeast.



Photo 47: View of the south adjacent residential properties looking southwest.



Photo 48: View of the east adjoining property.



Photo 49: View of the west adjoining property.



Photo 50: View of the southeast adjacent residential property.

APPENDIX III
RADIUS MAP REPORT

045.10352_4665 Lampson Ave., Los Alamitos, CA
4665 Lampson Ave
Los Alamitos, CA 90720

Inquiry Number: 7210849.5s
December 22, 2022

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), 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

4665 LAMPSON AVE
LOS ALAMITOS, CA 90720

COORDINATES

Latitude (North): 33.7819500 - 33° 46' 55.02"
Longitude (West): 118.0492580 - 118° 2' 57.32"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 402852.2
UTM Y (Meters): 3738280.2
Elevation: 24 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5633745 LOS ALAMITOS, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140513
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
4665 LAMPSON AVE
LOS ALAMITOS, CA 90720

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	NG TS AFRC LOS ALAMI		DOD		TP
A1	CAL DEPT OF FISH & G	4665 LAMPSON AVE STE	HAZNET, HWTS		TP
A2	WESTED	4665 LAMPSON AVE	HAZNET, HWTS		TP
A3	CALIFORNIA DEPARTMEN	4665 LAMPSON AVE STE	RCRA NonGen / NLR		TP
A4	CALIFORNIA DEPARTMEN	4665 LAMPSON AVE STE	FINDS, ECHO		TP
A5	WEST ED	4665 LAMPSON AVE	HWTS		TP
A6	CALIFORNIA DEPARTMEN	4665 LAMPSON AVE STE	HAZNET, HWTS		TP
A7		4665 LAMPSON AVENUE	CHMIRS		TP
A8	WESTED	4665 LAMPSON AVE	HAZNET, HWTS		TP
A9	WEST ED	4665 LAMPSON AVE	HWTS		TP
A10	1X S W R L	4665 LAMPSON AVE	HAZNET, HWTS		TP
A11	WESTED	4665 LAMPSON AVE	RCRA NonGen / NLR		TP
Reg	NAVWPNSTA SEAL BEACH		DOD	Same	2641, 0.500, South
12	STEPHEN KLEIGMAN	4673 IRONWOOD AVE	RCRA NonGen / NLR	Higher	139, 0.026, SE
B13	REID KUPFER	4549 IRONWOOD AVE	RCRA NonGen / NLR	Lower	139, 0.026, SW
C14	LORRAIN TRAYLOR	4624 IRONWOOD AVE	RCRA NonGen / NLR	Higher	269, 0.051, South
B15	MATT RUSU	4564 IRONWOOD	RCRA NonGen / NLR	Lower	270, 0.051, SW
16	MARK NELSON	4757 IRONWOOD	RCRA NonGen / NLR	Higher	387, 0.073, ESE
D17	DONALD & GLORIA SCHW	3911 ROSE STREET	RCRA NonGen / NLR	Higher	396, 0.075, SE
D18	DONALD & GLORIA SCHW	3911 ROSE STREET	RCRA NonGen / NLR	Higher	396, 0.075, SE
B19	DAVID RUTLEDGE	4533 HAZELNUT	RCRA NonGen / NLR, FINDS, ECHO	Lower	405, 0.077, SW
D20	BYUNG KANG	3881 SUNFLOWER ST	RCRA NonGen / NLR	Higher	507, 0.096, SE
C21	DAVID LEBOVITZ	4616 HAZELNUT	RCRA NonGen / NLR	Lower	521, 0.099, South
22	JENNIFER GRGAS	4580 HAZELNUT AVE.	RCRA NonGen / NLR	Lower	521, 0.099, SSW
23	ELENA TUTTLE	4648 HAZELNUT AVE	RCRA NonGen / NLR	Higher	521, 0.099, South
E24	JOHN O'CONNELL	4488 HAZELNUT AVE	RCRA NonGen / NLR	Lower	654, 0.124, SW
25	ERNIE & TERRIE EPPS	4772 HAZELNUT AVENUE	RCRA NonGen / NLR	Higher	684, 0.130, SE
E26	WALTER HORNE	4480 HAZELNUT AVE.	RCRA NonGen / NLR	Lower	690, 0.131, SW
27	NICK TAYLOR	3830 PANSY ST	RCRA NonGen / NLR	Higher	788, 0.149, SSE
F28	DONALD PRIOR	4573 FIR AVE	RCRA NonGen / NLR	Lower	893, 0.169, SSW
G29	NICOLE COOPER	5002 APOLLO CIR	RCRA NonGen / NLR	Higher	897, 0.170, East
G30	VERNON SMYTHE	5001 LAMPSON AVE	RCRA NonGen / NLR	Higher	899, 0.170, East
31	EVELYN GARNER	4788 FIR AVE	RCRA NonGen / NLR	Higher	1008, 0.191, SE
H32	KELLIE DELLROSE	4416 HAZELNUT AVE	RCRA NonGen / NLR	Lower	1013, 0.192, WSW
I33	KAREN MCCAULEY	4849 HAZELNUT	RCRA NonGen / NLR	Higher	1018, 0.193, ESE
I34	BILL HARDING	4856 IRONWOOD AVE	RCRA NonGen / NLR	Higher	1029, 0.195, ESE
35	ROBIN SINKS	4681 ELDER AVE	RCRA NonGen / NLR	Higher	1086, 0.206, SSE
36	NEAL, BEN	12331 GLACIER CIRCLE	RCRA NonGen / NLR	Higher	1127, 0.213, East
J37	BILL TRIPP	4625 ELDER AVE	RCRA NonGen / NLR	Higher	1146, 0.217, South

MAPPED SITES SUMMARY

Target Property Address:
4665 LAMPSON AVE
LOS ALAMITOS, CA 90720

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F38	ROBERT ARVIZU	4581 ELDER ST	RCRA NonGen / NLR	Lower	1148, 0.217, SSW
J39	KELLY & ERIN WALLACE	3741 OLEANDER ST	RCRA NonGen / NLR	Higher	1152, 0.218, South
40	CECALA TRUST	4840 FIR AVE	RCRA NonGen / NLR	Higher	1171, 0.222, SE
I41	BARRY BROCKMAN	4872 HAZELNUT AVE.	RCRA NonGen / NLR	Higher	1208, 0.229, ESE
42	JEFFERY HARRIS	4889 IRONWOOD AVE	RCRA NonGen / NLR	Higher	1209, 0.229, ESE
H43	DANNY LARSON	4380 HAZELNUT AVE	RCRA NonGen / NLR	Lower	1245, 0.236, WSW
44	RUSS TONNER	4725 DOGWOOD AVE	RCRA NonGen / NLR	Higher	1315, 0.249, SSE
K45	SUPREME CLEANERS & L	5234 LAMPSON AVE	CPS-SLIC, DRYCLEANERS, HAZNET, HWTS	Higher	1868, 0.354, East
K46	BOLSA CHICA CHANNEL	5250 LAMPSON AVE	CPS-SLIC, CERS	Higher	1910, 0.362, East
K47	ARCO PRODUCTS COMPAN	5262 LAMPSON AVE	LUST, HAZNET, HWTS	Higher	1943, 0.368, East
K48	ARCO #3015	5262 LAMPSON AVE	LUST, HIST UST	Higher	1943, 0.368, East
K49	ARCO #3015	5262 LAMPSON AVE	LUST, Cortese, HIST CORTESE, Notify 65, CERS	Higher	1943, 0.368, East
L50	NAS LOS ALAMITOS		ENVIROSTOR	Higher	3317, 0.628, NNW
L51	LOS ALAMITOS RAD BOM		ENVIROSTOR	Higher	3317, 0.628, NNW
L52	USNAS LOS ALAMITOS		FUDS	Higher	3322, 0.629, NNW
L53	LOS ALAMITOS RADAR B		FUDS	Higher	3322, 0.629, NNW

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
NG TS AFRC LOS ALAMI , CA	DOD	N/A
CAL DEPT OF FISH & G 4665 LAMPSON AVE STE LOS ALAMITOS, CA 90720	HAZNET GEPaid: CAL000248737 HWTS	N/A
WESTED 4665 LAMPSON AVE LOS ALAMITOS, CA 90720	HAZNET GEPaid: CAL000415272 HWTS	N/A
CALIFORNIA DEPARTMEN 4665 LAMPSON AVE STE LOS ALAMITOS, CA 90720	RCRA NonGen / NLR EPA ID:: CAL000387803	CAL000387803
CALIFORNIA DEPARTMEN 4665 LAMPSON AVE STE LOS ALAMITOS, CA 90720	FINDS Registry ID:: 110070412622 ECHO Registry ID: 110070412622	N/A
WEST ED 4665 LAMPSON AVE LOS ALAMITOS, CA 90720	HWTS	N/A
CALIFORNIA DEPARTMEN 4665 LAMPSON AVE STE LOS ALAMITOS, CA 90720	HAZNET GEPaid: CAL000387803 HWTS	N/A
4665 LAMPSON AVENUE 4665 LAMPSON AVENUE LOS ALAMITOS, CA 90720	CHMIRS OES Incident Number: 19-6256	N/A
WESTED 4665 LAMPSON AVE LOS ALAMITOS, CA 90720	HAZNET GEPaid: CAL000348685 HWTS	N/A
WEST ED 4665 LAMPSON AVE LOS ALAMITOS, CA 90720	HWTS	N/A

EXECUTIVE SUMMARY

1X S W R L
4665 LAMPSON AVE
LOS ALAMITOS, CA 90720

HAZNET
GEPaid: CAC000089381
HWTS

N/A

WESTED
4665 LAMPSON AVE
LOS ALAMITOS, CA 90720

RCRA NonGen / NLR
EPA ID:: CAL000415272

CAL000415272

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

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

EXECUTIVE SUMMARY

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

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Active UST Facilities
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

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

EXECUTIVE SUMMARY

ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
CERS HAZ WASTE..... CERS HAZ WASTE
US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing
HIST UST..... Hazardous Substance Storage Container Database
CERS TANKS..... California Environmental Reporting System (CERS) Tanks
CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
Orange Co. Industrial Site..... List of Industrial Site Cleanups
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database

EXECUTIVE SUMMARY

RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
PFAS.....	PFAS Contamination Site Location Listing
AQUEOUS FOAM.....	Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
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)

EXECUTIVE SUMMARY

WELL STIM PROJ..... Well Stimulation Project (GEOTRACKER)
MINES MRDS..... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

Lists of state- and tribal hazardous waste facilities

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/25/2022 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAS LOS ALAMITOS		NNW 1/2 - 1 (0.628 mi.)	L50	123

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

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 11/21/2022 has revealed that there are 33 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STEPHEN KLEIGMAN EPA ID:: CAC002976711	4673 IRONWOOD AVE	SE 0 - 1/8 (0.026 mi.)	12	28
LORRAIN TRAYLOR EPA ID:: CAC002990317	4624 IRONWOOD AVE	S 0 - 1/8 (0.051 mi.)	C14	33
MARK NELSON EPA ID:: CAC002991347	4757 IRONWOOD	ESE 0 - 1/8 (0.073 mi.)	16	38
DONALD & GLORIA SCHW EPA ID:: CAC003124003	3911 ROSE STREET	SE 0 - 1/8 (0.075 mi.)	D17	41
DONALD & GLORIA SCHW EPA ID:: CAC003125245	3911 ROSE STREET	SE 0 - 1/8 (0.075 mi.)	D18	43
BYUNG KANG EPA ID:: CAC003134815	3881 SUNFLOWER ST	SE 0 - 1/8 (0.096 mi.)	D20	49
ELENA TUTTLE EPA ID:: CAC003074709	4648 HAZELNUT AVE	S 0 - 1/8 (0.099 mi.)	23	56
ERNIE & TERRIE EPPS EPA ID:: CAC002968769	4772 HAZELNUT AVENUE	SE 1/8 - 1/4 (0.130 mi.)	25	61
NICK TAYLOR EPA ID:: CAC003204008	3830 PANSY ST	SSE 1/8 - 1/4 (0.149 mi.)	27	66
NICOLE COOPER EPA ID:: CAC003093718	5002 APOLLO CIR	E 1/8 - 1/4 (0.170 mi.)	G29	71
VERNON SMYTHE EPA ID:: CAC003143594	5001 LAMPSON AVE	E 1/8 - 1/4 (0.170 mi.)	G30	74
EVELYN GARNER EPA ID:: CAC003037096	4788 FIR AVE	SE 1/8 - 1/4 (0.191 mi.)	31	76
KAREN MCCAULEY EPA ID:: CAC003008189	4849 HAZELNUT	ESE 1/8 - 1/4 (0.193 mi.)	I33	81
BILL HARDING EPA ID:: CAC003090948	4856 IRONWOOD AVE	ESE 1/8 - 1/4 (0.195 mi.)	I34	84
ROBIN SINKS EPA ID:: CAC003201914	4681 ELDER AVE	SSE 1/8 - 1/4 (0.206 mi.)	35	86
NEAL, BEN EPA ID:: CAC002987993	12331 GLACIER CIRCLE	E 1/8 - 1/4 (0.213 mi.)	36	89
BILL TRIPP	4625 ELDER AVE	S 1/8 - 1/4 (0.217 mi.)	J37	91

EXECUTIVE SUMMARY

EPA ID:: CAC002974839				
KELLY & ERIN WALLACE	3741 OLEANDER ST	S 1/8 - 1/4 (0.218 mi.)	J39	96
EPA ID:: CAC003096573				
CECALA TRUST	4840 FIR AVE	SE 1/8 - 1/4 (0.222 mi.)	40	99
EPA ID:: CAC003097052				
BARRY BROCKMAN	4872 HAZELNUT AVE.	ESE 1/8 - 1/4 (0.229 mi.)	I41	101
EPA ID:: CAC003088631				
JEFFERY HARRIS	4889 IRONWOOD AVE	ESE 1/8 - 1/4 (0.229 mi.)	42	104
EPA ID:: CAC003021014				
RUSS TONNER	4725 DOGWOOD AVE	SSE 1/8 - 1/4 (0.249 mi.)	44	109
EPA ID:: CAC003109497				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REID KUPFER	4549 IRONWOOD AVE	SW 0 - 1/8 (0.026 mi.)	B13	31
EPA ID:: CAC003147963				
MATT RUSU	4564 IRONWOOD	SW 0 - 1/8 (0.051 mi.)	B15	36
EPA ID:: CAC003145512				
DAVID RUTLEDGE	4533 HAZELNUT	SW 0 - 1/8 (0.077 mi.)	B19	46
EPA ID:: CAD981623259				
DAVID LBOVITZ	4616 HAZELNUT	S 0 - 1/8 (0.099 mi.)	C21	51
EPA ID:: CAC003016945				
JENNIFER GRGAS	4580 HAZELNUT AVE.	SSW 0 - 1/8 (0.099 mi.)	22	54
EPA ID:: CAC003085336				
JOHN O'CONNELL	4488 HAZELNUT AVE	SW 0 - 1/8 (0.124 mi.)	E24	59
EPA ID:: CAC003081114				
WALTER HORNE	4480 HAZELNUT AVE.	SW 1/8 - 1/4 (0.131 mi.)	E26	64
EPA ID:: CAC003023431				
DONALD PRIOR	4573 FIR AVE	SSW 1/8 - 1/4 (0.169 mi.)	F28	69
EPA ID:: CAC003099653				
KELLIE DELLROSE	4416 HAZELNUT AVE	WSW 1/8 - 1/4 (0.192 mi.)	H32	79
EPA ID:: CAC003059582				
ROBERT ARVIZU	4581 ELDER ST	SSW 1/8 - 1/4 (0.217 mi.)	F38	94
EPA ID:: CAC003031173				
DANNY LARSON	4380 HAZELNUT AVE	WSW 1/8 - 1/4 (0.236 mi.)	H43	106
EPA ID:: CAC003197981				

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 08/11/2022 has revealed that there are 2 FUDS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USNAS LOS ALAMITOS		NNW 1/2 - 1 (0.629 mi.)	L52	125
LOS ALAMITOS RADAR B		NNW 1/2 - 1 (0.629 mi.)	L53	126

EXECUTIVE SUMMARY

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

A review of the DOD list, as provided by EDR, and dated 06/07/2021 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVWPNSTA SEAL BEACH		S 1/2 - 1 (0.500 mi.)	0	28

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

A review of the Cortese list, as provided by EDR, and dated 09/19/2022 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO #3015 Cleanup Status: COMPLETED - CASE CLOSED	5262 LAMPSON AVE	E 1/4 - 1/2 (0.368 mi.)	K49	121

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 [CALSTITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO #3015 Reg Id: 083000820T	5262 LAMPSON AVE	E 1/4 - 1/2 (0.368 mi.)	K49	121

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

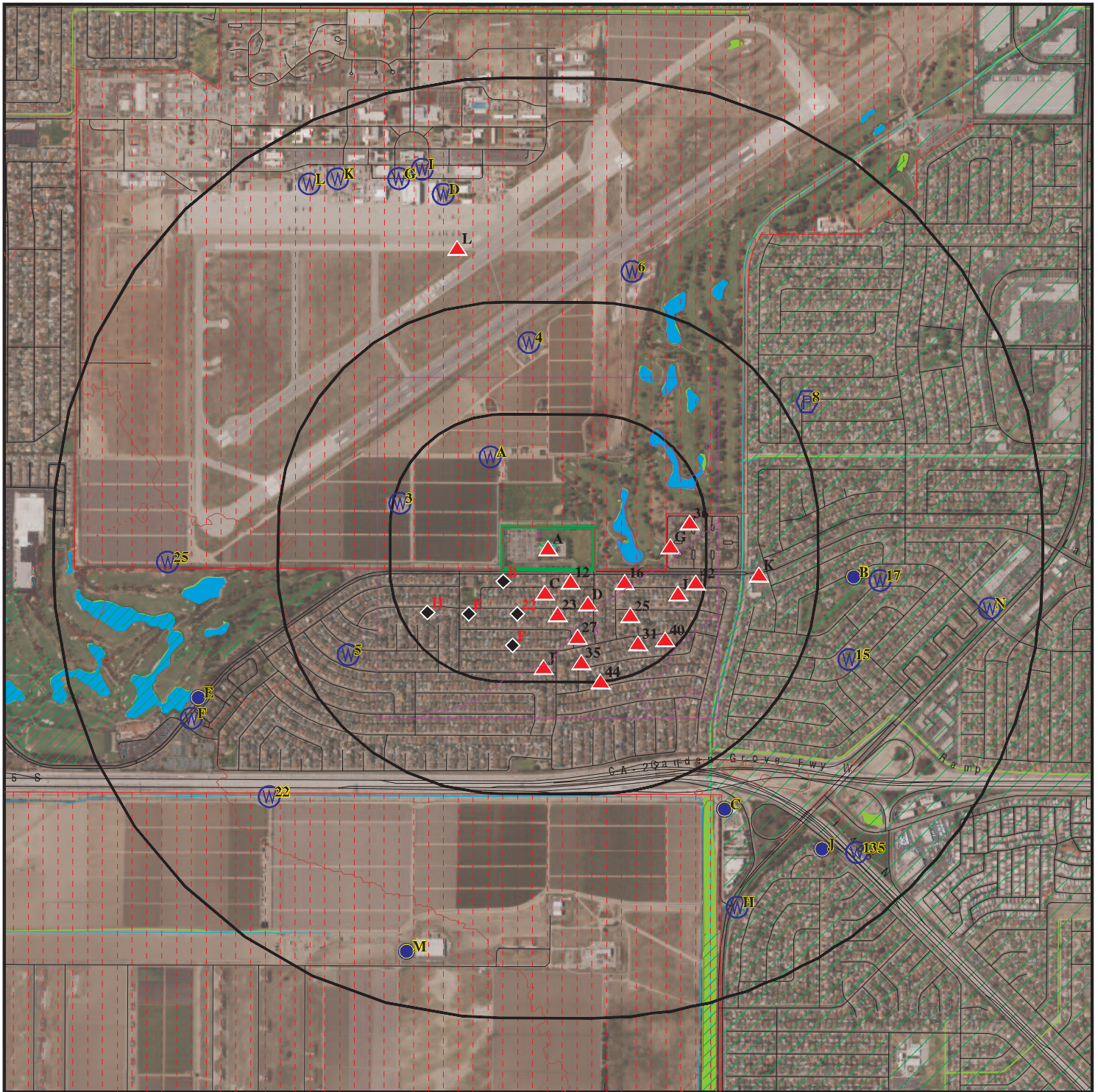
A review of the Notify 65 list, as provided by EDR, and dated 09/07/2022 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.







<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO #3015	5262 LAMPSON AVE	E 1/4 - 1/2 (0.368 mi.)	K49	121

EXECUTIVE SUMMARY


There were no unmapped sites in this report.

OVERVIEW MAP - 7210849.5S



-  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
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

 Areas of Concern








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







SITE NAME: 045.10352 4665 Lampson Ave., Los Alamitos, CA
 ADDRESS: 4665 Lampson Ave
 Los Alamitos CA 90720
 LAT/LONG: 33.78195 / 118.049258

CLIENT: EFI Global Inc.
 CONTACT: Alberto Jimenez
 INQUIRY #: 7210849.5S
 DATE: December 22, 2022 1:51 pm

DETAIL MAP - 7210849.5S



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

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  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: 045.10352 4665 Lampson Ave., Los Alamitos, CA ADDRESS: 4665 Lampson Ave Los Alamitos CA 90720 LAT/LONG: 33.78195 / 118.049258	CLIENT: EFI Global Inc. CONTACT: Alberto Jimenez INQUIRY #: 7210849.5s DATE: December 22, 2022 1:53 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								
<i>Lists of Federal NPL (Superfund) sites</i>								
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
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
ENVIROSTOR	1.000		0	0	0	2	NR	2
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	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
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	3	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	2	NR	NR	2
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
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
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
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	1	NR	NR	NR	NR	NR	1
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Orange Co. Industrial Site	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	2	13	20	NR	NR	NR	35
FUDS	1.000		0	0	0	2	NR	2
DOD	1.000	1	0	0	0	1	NR	2
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
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	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
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	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
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
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HAZNET	TP	5	NR	NR	NR	NR	NR	5
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	0	NR	1
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
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP	7	NR	NR	NR	NR	NR	7

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		18	13	20	8	5	0	64

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOD
Region
Target
Property

NG TS AFRC LOS ALAMITOS
, CA

DOD **CUSA401275**
N/A

DOD:

Site Name: NG TS AFRC LOS ALAMITOS
DOD Component: Army Guard
Joint Base: N/A
Operating Status: ACT (Active): Site has an on-going operational/support mission (s).

A1
Target
Property

CAL DEPT OF FISH & GAME
4665 LAMPSON AVE STE C
LOS ALAMITOS, CA 90720

HAZNET **S113118205**
HWTS **N/A**

Site 1 of 11 in cluster A

Actual:
24 ft.

HAZNET:

Name: CAL DEPT OF FISH & GAME
Address: 4665 LAMPSON AVE STE C
Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
Contact: RAYMOND MICHALSKI
Telephone: 3108332166
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE STE C

Year: 2003
Gepaid: CAL000248737
TSD EPA ID: CAD982444481
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H01 - Transfer Station
Tons: 0.0145

Additional Info:

Year: 2003
Gen EPA ID: CAL000248737

Shipment Date: 20030327
Creation Date: 6/12/2003 18:31:05
Receipt Date: 20030317
Manifest ID: 22663132
Trans EPA ID: CAD000603738
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD982444481
Trans Name: Not reported
TSD Alt EPA ID: CAD982444481
TSD Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0145
Waste Quantity: 29
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAL DEPT OF FISH & GAME (Continued)

S113118205

Additional Code 3: Not reported
 Additional Code 4: Not reported
 Additional Code 5: Not reported

HWTS:

Name: CAL DEPT OF FISH & GAME
 Address: 4665 LAMPSON AVE STE C
 Address 2: Not reported
 City,State,Zip: LOS ALAMITOS, CA 90720
 EPA ID: CAL000248737
 Inactive Date: 06/30/2003
 Create Date: 03/26/2002
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 4665 LAMPSON AVE STE C
 Mailing Address 2: Not reported
 Mailing City,State,Zip: LOS ALAMITOS, CA 90720
 Owner Name: CAL DEPT OF FISH & GAME
 Owner Address: 4665 LAMPSON AVE STE C
 Owner Address 2: Not reported
 Owner City,State,Zip: LOS ALAMITOS, CA 90720
 Contact Name: RAYMOND MICHALSKI
 Contact Address: 4665 LAMPSON AVE STE C
 Contact Address 2: Not reported
 City,State,Zip: LOS ALAMITOS, CA 90720
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 33.781192
 Longitude: -118.04552

NAICS:

EPA ID: CAL000248737
 Create Date: 2002-03-26 14:22:19.780
 NAICS Code: 92412
 NAICS Description: Administration of Conservation Programs
 Issued EPA ID Date: 2002-03-26 14:22:19.75000
 Inactive Date: 2003-06-30 00:00:00
 Facility Name: CAL DEPT OF FISH & GAME
 Facility Address: 4665 LAMPSON AVE STE C
 Facility Address 2: Not reported
 Facility City: LOS ALAMITOS
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 90720

A2 **WESTED**
Target **4665 LAMPSON AVE**
Property **LOS ALAMITOS, CA 90720**

HAZNET **S123634159**
HWTS **N/A**

Site 2 of 11 in cluster A

Actual:
24 ft.

HAZNET:
 Name: WESTED
 Address: 4665 LAMPSON AVE
 Address 2: Not reported
 City,State,Zip: LOS ALAMITOS, CA 90720

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTED (Continued)

S123634159

Contact: CHRISTOPHER MAESTAS
Telephone: 5627995422
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE

Year: 2016
Gepaid: CAL000415272
TSD EPA ID: CAD982444481
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: 0.115

Year: 2016
Gepaid: CAL000415272
TSD EPA ID: CAD028409019
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: 0.1

HWTS:

Name: WESTED
Address: 4665 LAMPSON AVE
Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
EPA ID: CAL000415272
Inactive Date: 06/30/2017
Create Date: 03/22/2016
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ALAMITOS, CA 90720
Owner Name: WESTED
Owner Address: 730 HARRISON ST
Owner Address 2: Not reported
Owner City,State,Zip: SAN FRANCISCO, CA 94107
Contact Name: CHRISTOPHER MAESTAS
Contact Address: 4665 LAMPSON AVE
Contact Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 33.78127193
Longitude: -118.0480439

NAICS:

EPA ID: CAL000415272
Create Date: 2016-03-22 08:47:07.180
NAICS Code: 54172
NAICS Description: Research and Development in the Social Sciences and Humanities
Issued EPA ID Date: 2016-03-22 08:47:07.14700
Inactive Date: 2017-06-30 00:00:00
Facility Name: WESTED

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WESTED (Continued)

S123634159

Facility Address: 4665 LAMPSON AVE
 Facility Address 2: Not reported
 Facility City: LOS ALAMITOS
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 90720

**A3
 Target
 Property**

**CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALA
 4665 LAMPSON AVE STE C
 LOS ALAMITOS, CA 90720**

RCRA NonGen / NLR

**1024839611
 CAL000387803**

Site 3 of 11 in cluster A

**Actual:
 24 ft.**

RCRA Listings:
 Date Form Received by Agency: 20130729
 Handler Name: CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS
 Handler Address: 4665 LAMPSON AVE STE C
 Handler City,State,Zip: LOS ALAMITOS, CA 90720
 EPA ID: CAL000387803
 Contact Name: CINDY LA FONTAINE
 Contact Address: 4665 LAMPSON AVE STE C
 Contact City,State,Zip: LOS ALAMITOS, CA 90720
 Contact Telephone: 562-305-4595
 Contact Fax: 562-342-7139
 Contact Email: CINDY.LAFONTAINE@WILDLIFE.CA.GOV
 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: 4665 LAMPSON AVE STE C
 Mailing City,State,Zip: LOS ALAMITOS, CA 90720-0000
 Owner Name: CAL DEPT OF FISH AND WILDLIFE
 Owner Type: Other
 Operator Name: CINDY LA FONTAINE
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS (Continued)

1024839611

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 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC 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 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs 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 TSD 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:	20180906
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: CINDY LA FONTAINE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4665 LAMPSON AVE STE C
Owner/Operator City,State,Zip:	LOS ALAMITOS, CA 90720
Owner/Operator Telephone:	562-305-4595
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CAL DEPT OF FISH AND WILDLIFE	
Legal Status:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS (Continued)

1024839611

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4665 LAMPSON AVE STE C
Owner/Operator City,State,Zip: LOS ALAMITOS, CA 90720-0000
Owner/Operator Telephone: 562-342-7117
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130729
Handler Name: CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS
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: 54172
NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**A4
Target
Property**

**CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALA
4665 LAMPSON AVE STE C
LOS ALAMITOS, CA 90720**

**FINDS 1024624235
ECHO N/A**

Site 4 of 11 in cluster A

**Actual:
24 ft.**

FINDS:
Registry ID: 110070412622

[Click Here for FRS Facility Detail Report:](#)

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS (Continued)

1024624235

ECHO:

Envid: 1024624235
Registry ID: 110070412622
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070412622>
Name: CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS
Address: 4665 LAMPSON AVE STE C
City,State,Zip: LOS ALAMITOS, CA 90720

A5 WEST ED
Target 4665 LAMPSON AVE
Property LOS ALAMITOS, CA 90720

HWTS S124573346
N/A

Site 5 of 11 in cluster A

Actual:
24 ft.

HWTS:
Name: WEST ED
Address: 4665 LAMPSON AVE
Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
EPA ID: CAC002559277
Inactive Date: 08/19/2003
Create Date: 11/27/2002
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ALAMITOS, CA 90720
Owner Name: WEST ED
Owner Address: 4665 LAMPSON AVE
Owner Address 2: Not reported
Owner City,State,Zip: LOS ALAMITOS, CA 90720
Contact Name: CRIST MESTAS
Contact Address: 4665 LAMPSON AVE
Contact Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 33.781192
Longitude: -118.04552

A6 CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALA
Target 4665 LAMPSON AVE STE C
Property LOS ALAMITOS, CA 90720

HAZNET S118233582
HWTS N/A

Site 6 of 11 in cluster A

Actual:
24 ft.

HAZNET:
Name: CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS
Address: 4665 LAMPSON AVE STE C
Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
Contact: LAURA AGUIAR
Telephone: 5623427117
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE STE C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS (Continued)

S118233582

Year: 2016
Gepaid: CAL000387803
TSD EPA ID: CAD982444481
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: 0.099

Year: 2014
Gepaid: CAL000387803
TSD EPA ID: ARD069748192
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0125

Year: 2014
Gepaid: CAL000387803
TSD EPA ID: CAD028409019
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1134

Additional Info:

Year: 2014
Gen EPA ID: CAL000387803

Shipment Date: 20140211
Creation Date: 4/9/2014 22:15:13
Receipt Date: 20140220
Manifest ID: 002315207GBF
Trans EPA ID: CAL000374347
Trans Name: HAZ MAT SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1134
Waste Quantity: 27
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: 20140211
Creation Date: 8/12/2014 22:15:03
Receipt Date: 20140309

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS (Continued)

S118233582

Manifest ID: 002315206GBF
Trans EPA ID: CAL000374347
Trans Name: HAZ MAT SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO FACILITY
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: U122
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS
Address: 4665 LAMPSON AVE STE C
Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
EPA ID: CAL000387803
Inactive Date: Not reported
Create Date: 07/29/2013
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE STE C
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ALAMITOS, CA 907200000
Owner Name: CAL DEPT OF FISH AND WILDLIFE
Owner Address: 4665 LAMPSON AVE STE C
Owner Address 2: Not reported
Owner City,State,Zip: LOS ALAMITOS, CA 907200000
Contact Name: RACHEL WAGNER-MAYORGA
Contact Address: 4665 LAMPSON AVE STE C
Contact Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 33.781257
Longitude: -118.048564

NAICS:

EPA ID: CAL000387803
Create Date: 2013-07-29 08:21:43.323
NAICS Code: 54172
NAICS Description: Research and Development in the Social Sciences and Humanities
Issued EPA ID Date: 2013-07-29 08:21:43.24300
Inactive Date: Not reported
Facility Name: CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS
Facility Address: 4665 LAMPSON AVE STE C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS (Continued)

S118233582

Facility Address 2: Not reported
Facility City: LOS ALAMITOS
Facility County: Not reported
Facility State: CA
Facility Zip: 90720

**A7
Target
Property**

**4665 LAMPSON AVENUE
LOS ALAMITOS, CA 90720**

**CHMIRS S125739667
N/A**

Site 7 of 11 in cluster A

**Actual:
24 ft.**

CHMIRS:
Name: Not reported
Address: 4665 LAMPSON AVENUE
City,State,Zip: LOS ALAMITOS, CA 90720
OES Incident Number: 19-6256
OES notification: 09/27/2019
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: None
Spill Site: Other
Cleanup By: On-site personnel
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Type: PETROLEUM
Measure: Gal(s)
Other: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Site

Database(s)

(Continued)

S125739667

Date/Time:	1315
Year:	2019
Agency:	California Department of Fish & Wildlife
Incident Date:	09/27/2019
Admin Agency:	Orange County Emergency Management Division
Amount:	Not reported
Contained:	Stopped,Contained
Site Type:	None
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	45
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Several government vehicles were vandalized while parked at the department's parking lot. The incident resulted in damage to the vehicles fuel tanks and a potential release of 45 gallons of gasoline onto asphalt. The California Highway Patrol was notified. A cleanup is pending.

A8 **WESTED**
Target **4665 LAMPSON AVE**
Property **LOS ALAMITOS, CA 90720**

HAZNET **S113467624**
HWTS **N/A**

Site 8 of 11 in cluster A

Actual:
24 ft.

HAZNET:	
Name:	WESTED
Address:	4665 LAMPSON AVE
Address 2:	Not reported
City,State,Zip:	LOS ALAMITOS, CA 907205199
Contact:	MARK SHEGICH
Telephone:	5627995113
Mailing Name:	Not reported
Mailing Address:	4665 LAMPSON AVE
Year:	2012
Gepaid:	CAL000348685
TSD EPA ID:	CAD982444481
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:	0.0858

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTED (Continued)

S113467624

Year: 2012
Gepaid: CAL000348685
TSD EPA ID: CAD028409019
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: 0.0495

Year: 2012
Gepaid: CAL000348685
TSD EPA ID: CAD028409019
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.005

Year: 2010
Gepaid: CAL000348685
TSD EPA ID: CAD982444481
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H129 - Other Treatment
Tons: 0.033

Additional Info:

Year: 2012
Gen EPA ID: CAL000348685

Shipment Date: 20120629
Creation Date: 10/3/2012 22:15:09
Receipt Date: 20120702
Manifest ID: 010210980JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus 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: 0.066
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120629
Creation Date: 10/15/2012 22:15:12
Receipt Date: 20120705
Manifest ID: 010210981JJK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTED (Continued)

S113467624

Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D007
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: D005
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120629
Creation Date: 10/15/2012 22:15:12
Receipt Date: 20120705
Manifest ID: 010210981JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
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: 0.0495
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120629
Creation Date: 10/3/2012 22:15:09
Receipt Date: 20120702
Manifest ID: 010210980JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTED (Continued)

S113467624

TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus 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: 0.0198
Waste Quantity: 6
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2010
Gen EPA ID: CAL000348685

Shipment Date: 20100106
Creation Date: 3/11/2010 18:30:08
Receipt Date: 20100107
Manifest ID: 006598747JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: CAD982444481
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H129 - Other Treatment
Quantity Tons: 0.033
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: WESTED
Address: 4665 LAMPSON AVE
Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
EPA ID: CAL000348685
Inactive Date: 06/30/2015
Create Date: 12/15/2009
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ALAMITOS, CA 907205199
Owner Name: WESTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTED (Continued)

S113467624

Owner Address: 4665 LAMPSON AVE
Owner Address 2: Not reported
Owner City,State,Zip: LOS ALAMITOS, CA 907205199
Contact Name: MARK SHEGICH
Contact Address: 4665 LAMPSON AVE
Contact Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 907205199
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 33.781185
Longitude: -118.045488

NAICS:

EPA ID: CAL000348685
Create Date: 2009-12-15 10:08:24.957
NAICS Code: 54172
NAICS Description: Research and Development in the Social Sciences and Humanities
Issued EPA ID Date: 2009-12-15 10:08:24.88000
Inactive Date: 2015-06-30 00:00:00
Facility Name: WESTED
Facility Address: 4665 LAMPSON AVE
Facility Address 2: Not reported
Facility City: LOS ALAMITOS
Facility County: Not reported
Facility State: CA
Facility Zip: 907205199

**A9
Target
Property**

**WEST ED
4665 LAMPSON AVE
LOS ALAMITOS, CA 90720**

**HWTS S124586788
N/A**

Site 9 of 11 in cluster A

**Actual:
24 ft.**

HWTS:
Name: WEST ED
Address: 4665 LAMPSON AVE
Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
EPA ID: CAC002599260
Inactive Date: 07/11/2006
Create Date: 01/11/2006
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ALAMITOS, CA 90720
Owner Name: WEST ED
Owner Address: 4665 LAMPSON AVE
Owner Address 2: Not reported
Owner City,State,Zip: LOS ALAMITOS, CA 90720
Contact Name: CRIST MAESTAS/FACILITIES
Contact Address: 4665 LAMPSON AVE
Contact Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
Facility Status: Inactive
Facility Type: TEMPORARY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST ED (Continued)

S124586788

Category: STATE
Latitude: 33.781192
Longitude: -118.045517

A10 Target Property
1X S W R L
4665 LAMPSON AVE
LOS ALAMITOS, CA 90720

HAZNET HWTS
S123577082
N/A

Site 10 of 11 in cluster A

Actual:
24 ft.

HAZNET:
Name: 1X S W R L
Address: 4665 LAMPSON AVE
Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 907200000
Contact: WILLIAM HEIN
Telephone: 2135987661
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE

Year: 2000
Gepaid: CAC000089381
TSD EPA ID: CAD009007626
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.0842

Year: 1999
Gepaid: CAC000089381
TSD EPA ID: Not reported
CA Waste Code: *** - Invalid waste code
Disposal Method: D80 - Disposal, Land Fill
Tons: 25.284

Year: 1988
Gepaid: CAC000089381
TSD EPA ID: CAD067786749
CA Waste Code: -
Disposal Method: 03 -
Tons: 88.494

Additional Info:

Year: 2000
Gen EPA ID: CAC000089381

Shipment Date: 20000301
Creation Date: 5/17/2000 0:00:00
Receipt Date: 20000310
Manifest ID: 99319348
Trans EPA ID: CAL000209864
Trans Name: Not reported
Trans 2 EPA ID: CAR000017657
Trans 2 Name: Not reported
TSD EPA ID: CAD009007626
Trans Name: Not reported
TSD EPA ID: CAD009007626

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1X S W R L (Continued)

S123577082

TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.0842
Waste Quantity: 0.1
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: 1999
Gen EPA ID: CAC000089381

Shipment Date: 19990818
Creation Date: 10/28/1999 0:00:00
Receipt Date: 19990824
Manifest ID: 99320404
Trans EPA ID: CAD980814883
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: Not reported
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: *** - Not reported
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 25.284
Waste Quantity: 30
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

HWTS:

Name: 1X S W R L
Address: 4665 LAMPSON AVE
Address 2: Not reported
City,State,Zip: LOS ALAMITOS, CA 90720
EPA ID: CAC000089381
Inactive Date: 10/25/2000
Create Date: 06/03/1988
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 4665 LAMPSON AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ALAMITOS, CA 907200000
Owner Name: ASBESTOS
Owner Address: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1X S W R L (Continued)

S123577082

Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Contact Name:	WILLIAM HEIN
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.781192
Longitude:	-118.04552

**A11
 Target
 Property**

**WESTED
 4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720**

**RCRA NonGen / NLR 1027466647
 CAL000415272**

Site 11 of 11 in cluster A

**Actual:
 24 ft.**

RCRA Listings:		
Date Form Received by Agency:		20221020
Handler Name:	WESTED	
Handler Address:		4665 LAMPSON AVE
Handler City,State,Zip:		LOS ALAMITOS, CA 90720
EPA ID:		CAL000415272
Contact Name:		CHRIS MAESTAS
Contact Address:		LAMPSON AVE
Contact City,State,Zip:		LOS ALAMITOS, CA 90720
Contact Telephone:		562-879-8471
Contact Fax:		Not reported
Contact Email:		CMAESTA@WESTED.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:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		LAMPSON AVE
Mailing City,State,Zip:		LOS ALAMITOS, CA 90720
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	WESTED	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WESTED (Continued)

1027466647

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:	20221025
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: WESTED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	730 HARRISON ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94107
Owner/Operator Telephone:	415-565-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTED (Continued)

1027466647

Historic Generators:

Receive Date: 20221020
Handler Name: WESTED
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**DOD
Region
South
1/2-1
2641 ft.**

**NAVWPNSTA SEAL BEACH
, CA**

**DOD CUSA401280
N/A**

DOD:

Site Name: NAVWPNSTA SEAL BEACH
DOD Component: Navy Active
Joint Base: N/A
Operating Status: ACT (Active): Site has an on-going operational/support mission (s).

**12
SE
< 1/8
0.026 mi.
139 ft.**

**STEPHEN KLEIGMAN
4673 IRONWOOD AVE
SEAL BEACH, CA 90740**

**RCRA NonGen / NLR 1024756879
CAC002976711**

**Relative:
Higher
Actual:
24 ft.**

RCRA Listings:

Date Form Received by Agency: 20180821
Handler Name: STEPHEN KLEIGMAN
Handler Address: 4673 IRONWOOD AVE
Handler City,State,Zip: SEAL BEACH, CA 90740
EPA ID: CAC002976711
Contact Name: STEPHEN KLEIGMAN
Contact Address: 4673 IRONWOOD AVE
Contact City,State,Zip: SEAL BEACH, CA 90740
Contact Telephone: 310-462-7646
Contact Fax: Not reported
Contact Email: KC@AQHIINC.COM

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STEPHEN KLEIGMAN (Continued)

1024756879

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:		4673 IRONWOOD AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	STEPHEN KLEIGMAN	
Owner Type:		Other
Operator Name:	STEPHEN KLEIGMAN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEPHEN KLEIGMAN (Continued)

1024756879

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: 20180905
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: STEPHEN KLEIGMAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4673 IRONWOOD AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 310-462-7646
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: STEPHEN KLEIGMAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4673 IRONWOOD AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 310-462-7646
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180821
Handler Name: STEPHEN KLEIGMAN
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STEPHEN KLEIGMAN (Continued)

1024756879

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

B13
SW
< 1/8
0.026 mi.
139 ft.

REID KUPFER
4549 IRONWOOD AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1027076183
CAC003147963

Site 1 of 3 in cluster B

Relative:
Lower
Actual:
23 ft.

RCRA Listings:
 Date Form Received by Agency: 20211111
 Handler Name: REID KUPFER
 Handler Address: 4549 IRONWOOD AVE
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003147963
 Contact Name: REID KUPFER
 Contact Address: 4549 IRONWOOD AVE
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-208-5251
 Contact Fax: Not reported
 Contact Email: SCHEDULING@PWSEI.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 4549 IRONWOOD AVE
 Mailing City,State,Zip: SEAL BEACH, CA 90740
 Owner Name: REID KUPFER
 Owner Type: Other
 Operator Name: REID KUPFER
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REID KUPFER (Continued)

1027076183

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-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs 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:	20211111
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: REID KUPFER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4549 IRONWOOD AVE
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-208-5251
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REID KUPFER (Continued)

1027076183

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Owner/Operator Name: REID KUPFER

Legal Status: Other

Date Became Current: Not reported

Date Ended Current: Not reported

Owner/Operator Address: 4549 IRONWOOD AVE

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740

Owner/Operator Telephone: 562-208-5251

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20211111

Handler Name: REID KUPFER

Federal Waste Generator Description: Not a generator, verified

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Recognized Trader Exporter: No

Spent Lead Acid Battery Importer: No

Spent Lead Acid Battery Exporter: No

Current Record: Yes

Non Storage Recycler Activity: No

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 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

C14
South
< 1/8
0.051 mi.
269 ft.

LORRAIN TRAYLOR
4624 IRONWOOD AVE
SEAL BEACH, CA 90740

Site 1 of 2 in cluster C

RCRA NonGen / NLR **1024770412**
CAC002990317

Relative:
Higher

Actual:
24 ft.

RCRA Listings:

Date Form Received by Agency: 20181123

Handler Name: LORRAIN TRAYLOR

Handler Address: 4624 IRONWOOD AVE

Handler City,State,Zip: SEAL BEACH, CA 90740

EPA ID: CAC002990317

Contact Name: LORRAIN TRAYLOR

Contact Address: 4624 IRONWOOD AVE

Contact City,State,Zip: SEAL BEACH, CA 90740

Contact Telephone: 562-598-6588

Contact Fax: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LORRAIN TRAYLOR (Continued)

1024770412

Contact Email:		CHRIS@JCENVIRONMENTALINC.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:		4624 IRONWOOD AVE
Mailing City, State, Zip:		SEAL BEACH, CA 90740
Owner Name:	LORRAIN TRAYLOR	
Owner Type:		Other
Operator Name:	LORRAIN TRAYLOR	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LORRAIN TRAYLOR (Continued)

1024770412

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:	20181220
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: LORRAIN TRAYLOR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4624 IRONWOOD AVE
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-598-6588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LORRAIN TRAYLOR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4624 IRONWOOD AVE
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-598-6588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181123
Handler Name: LORRAIN TRAYLOR	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LORRAIN TRAYLOR (Continued)

1024770412

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

B15
SW
< 1/8
0.051 mi.
270 ft.

MATT RUSU
4564 IRONWOOD
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1027073864
CAC003145512

Site 2 of 3 in cluster B

Relative:
Lower
Actual:
23 ft.

RCRA Listings:
 Date Form Received by Agency: 20211027
 Handler Name: MATT RUSU
 Handler Address: 4564 IRONWOOD
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003145512
 Contact Name: MATT RUSU
 Contact Address: 4564 IRONWOOD
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-217-2163
 Contact Fax: Not reported
 Contact Email: MANIFEST.SIRRIS@GMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 4564 IRONWOOD
 Mailing City,State,Zip: SEAL BEACH, CA 90740
 Owner Name: MATT RUSU
 Owner Type: Other
 Operator Name: MATT RUSU
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MATT RUSU (Continued)

1027073864

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:	20211027
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: MATT RUSU	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4564 IRONWOOD
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-217-2163
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MATT RUSU (Continued)

1027073864

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

Owner/Operator Name: MATT RUSU

Legal Status: Other

Date Became Current: Not reported

Date Ended Current: Not reported

Owner/Operator Address: 4564 IRONWOOD

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740

Owner/Operator Telephone: 562-217-2163

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20211027

Handler Name: MATT RUSU

Federal Waste Generator Description: Not a generator, verified

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Recognized Trader Exporter: No

Spent Lead Acid Battery Importer: No

Spent Lead Acid Battery Exporter: No

Current Record: Yes

Non Storage Recycler Activity: No

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 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

16
 ESE
 < 1/8
 0.073 mi.
 387 ft.

MARK NELSON
4757 IRONWOOD
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1024771436
CAC002991347

Relative:
Higher
Actual:
24 ft.

RCRA Listings:

Date Form Received by Agency: 20181203

Handler Name: MARK NELSON

Handler Address: 4757 IRONWOOD

Handler City,State,Zip: SEAL BEACH, CA 90740

EPA ID: CAC002991347

Contact Name: MARK NELSON

Contact Address: 4757 IRONWOOD

Contact City,State,Zip: SEAL BEACH, CA 90740

Contact Telephone: 714-369-9057

Contact Fax: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MARK NELSON (Continued)

1024771436

Contact Email:		KC@AQHIINC.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:		4757 IRONWOOD
Mailing City, State, Zip:		SEAL BEACH, CA 90740
Owner Name:	MARK NELSON	
Owner Type:		Other
Operator Name:	MARK NELSON	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARK NELSON (Continued)

1024771436

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:	20181220
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: MARK NELSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4757 IRONWOOD
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	714-369-9057
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MARK NELSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4757 IRONWOOD
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	714-369-9057
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181203
Handler Name: MARK NELSON	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MARK NELSON (Continued)

1024771436

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

D17
SE
 < 1/8
 0.075 mi.
 396 ft.

DONALD & GLORIA SCHWARTZ
3911 ROSE STREET
SEAL BEACH, CA 90740
Site 1 of 3 in cluster D

RCRA NonGen / NLR

1026811535
CAC003124003

Relative:
Higher
Actual:
24 ft.

RCRA Listings: 20210610
 Date Form Received by Agency: 20210610
 Handler Name: DONALD & GLORIA SCHWARTZ
 Handler Address: 3911 ROSE STREET
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003124003
 Contact Name: DONALD & GLORIA SCHWARTZ
 Contact Address: 3911 ROSE STREET
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-458-1524
 Contact Fax: Not reported
 Contact Email: DON.SCHWARTZ@CSULB.EDU
 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: 3911 ROSE STREET
 Mailing City,State,Zip: SEAL BEACH, CA 90740
 Owner Name: DONALD & GLORIA SCHWARTZ
 Owner Type: Other
 Operator Name: DONALD & GLORIA SCHWARTZ
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DONALD & GLORIA SCHWARTZ (Continued)

1026811535

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:	20210618
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:	DONALD & GLORIA SCHWARTZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3911 ROSE STREET
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-458-1524
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DONALD & GLORIA SCHWARTZ (Continued)

1026811535

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

Owner/Operator Name: DONALD & GLORIA SCHWARTZ

Legal Status: Other

Date Became Current: Not reported

Date Ended Current: Not reported

Owner/Operator Address: 3911 ROSE STREET

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740

Owner/Operator Telephone: 562-458-1524

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210610

Handler Name: DONALD & GLORIA SCHWARTZ

Federal Waste Generator Description: Not a generator, verified

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Recognized Trader Exporter: No

Spent Lead Acid Battery Importer: No

Spent Lead Acid Battery Exporter: No

Current Record: Yes

Non Storage Recycler Activity: No

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 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

D18
SE
 < 1/8
 0.075 mi.
 396 ft.

DONALD & GLORIA SCHWARTZ
3911 ROSE STREET
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026812714
CAC003125245

Site 2 of 3 in cluster D

Relative:
Higher
Actual:
24 ft.

RCRA Listings:

Date Form Received by Agency: 20210617

Handler Name: DONALD & GLORIA SCHWARTZ

Handler Address: 3911 ROSE STREET

Handler City,State,Zip: SEAL BEACH, CA 90740

EPA ID: CAC003125245

Contact Name: DONALD & GLORIA SCHWARTZ

Contact Address: 3911 ROSE STREET

Contact City,State,Zip: SEAL BEACH, CA 90740

Contact Telephone: 562-458-1524

Contact Fax: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DONALD & GLORIA SCHWARTZ (Continued)

1026812714

Contact Email:	DON.SCHWARTZ@CSULB.EDU
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:	3911 ROSE STREET
Mailing City, State, Zip:	SEAL BEACH, CA 90740
Owner Name:	DONALD & GLORIA SCHWARTZ
Owner Type:	Other
Operator Name:	DONALD & GLORIA SCHWARTZ
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DONALD & GLORIA SCHWARTZ (Continued)

1026812714

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:	20210618
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:	DONALD & GLORIA SCHWARTZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3911 ROSE STREET
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-458-1524
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD & GLORIA SCHWARTZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3911 ROSE STREET
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-458-1524
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210617
Handler Name:	DONALD & GLORIA SCHWARTZ
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DONALD & GLORIA SCHWARTZ (Continued)

1026812714

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

B19
SW
< 1/8
0.077 mi.
405 ft.

DAVID RUTLEDGE
4533 HAZELNUT
SEAL BEACH, CA 90740

RCRA NonGen / NLR
FINDS
ECHO

1000247683
CAD981623259

Site 3 of 3 in cluster B

Relative:
Lower
Actual:
23 ft.

RCRA Listings:
 Date Form Received by Agency: 19870227
 Handler Name: DAVID RUTLEDGE
 Handler Address: 4533 HAZELNUT
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAD981623259
 Contact Name: ENVIRONMENTAL MANAGER
 Contact Address: 4533 HAZELNUT
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 714-841-6130
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: CA
 State District: 4
 Mailing Address: HAZELNUT
 Mailing City,State,Zip: SEAL BEACH, CA 90740
 Owner Name: DAVID RUTLEDGE
 Owner Type: Private
 Operator Name: NOT REQUIRED
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: Yes
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DAVID RUTLEDGE (Continued)

1000247683

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-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs 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:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DAVID RUTLEDGE	
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAVID RUTLEDGE (Continued)

1000247683

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: 19870227
Handler Name: DAVID RUTLEDGE
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

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: 110002727522

[Click Here for FRS Facility Detail Report:](#)

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: 1000247683

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DAVID RUTLEDGE (Continued)

1000247683

Registry ID: 110002727522
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002727522>
 Name: DAVID RUTLEDGE
 Address: 4533 HAZELNUT
 City,State,Zip: SEAL BEACH, CA 90740

D20
SE
 < 1/8
 0.096 mi.
 507 ft.

BYUNG KANG
3881 SUNFLOWER ST
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026821872
CAC003134815

Site 3 of 3 in cluster D

Relative:
Higher
Actual:
24 ft.

RCRA Listings:

Date Form Received by Agency:		20210817
Handler Name:	BYUNG KANG	
Handler Address:		3881 SUNFLOWER ST
Handler City,State,Zip:		SEAL BEACH, CA 90740
EPA ID:		CAC003134815
Contact Name:		BYUNG KANG
Contact Address:		3881 SUNFLOWER ST
Contact City,State,Zip:		SEAL BEACH, CA 90740
Contact Telephone:		562-833-0708
Contact Fax:		Not reported
Contact Email:		SCHEDULING@PWSEI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3881 SUNFLOWER ST
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	BYUNG KANG	
Owner Type:		Other
Operator Name:	BYUNG KANG	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BYUNG KANG (Continued)

1026821872

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:	20210817
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:	BYUNG KANG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3881 SUNFLOWER ST
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-833-0708
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BYUNG KANG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BYUNG KANG (Continued)

1026821872

Owner/Operator Address: 3881 SUNFLOWER ST
 Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
 Owner/Operator Telephone: 562-833-0708
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210817
 Handler Name: BYUNG KANG
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 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

C21
South
< 1/8
0.099 mi.
521 ft.

DAVID LEBOVITZ
4616 HAZELNUT
SEAL BEACH, CA 90740
Site 2 of 2 in cluster C

RCRA NonGen / NLR 1025837355
CAC003016945

Relative:
Lower
Actual:
23 ft.

RCRA Listings:
 Date Form Received by Agency: 20190528
 Handler Name: DAVID LEBOVITZ
 Handler Address: 4616 HAZELNUT
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003016945
 Contact Name: DAVID LEBOVITZ
 Contact Address: 4616 HAZELNUT
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-217-1932
 Contact Fax: Not reported
 Contact Email: MANIFEST.SIRRIS@GMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DAVID LEBOVITZ (Continued)

1025837355

Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4616 HAZELNUT
Mailing City, State, Zip:		SEAL BEACH, CA 90740
Owner Name:	DAVID LEBOVITZ	
Owner Type:		Other
Operator Name:	DAVID LEBOVITZ	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAVID LEBOVITZ (Continued)

1025837355

Handler Date of Last Change: 20190627
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: DAVID LEBOVITZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4616 HAZELNUT
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-217-1932
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DAVID LEBOVITZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4616 HAZELNUT
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-217-1932
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190528
Handler Name: DAVID LEBOVITZ
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DAVID LEBOVITZ (Continued)

1025837355

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

22
SSW
 < 1/8
 0.099 mi.
 521 ft.

JENNIFER GRGAS
4580 HAZELNUT AVE.
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026479413
CAC003085336

Relative:
Lower
Actual:
23 ft.

RCRA Listings:
 Date Form Received by Agency: 20200924
 Handler Name: JENNIFER GRGAS
 Handler Address: 4580 HAZELNUT AVE.
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003085336
 Contact Name: JENNIFER GRGAS
 Contact Address: 4580 HAZELNUT AVE.
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-761-7094
 Contact Fax: Not reported
 Contact Email: KC@AQHIINC.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: 4580 HAZELNUT AVE.
 Mailing City,State,Zip: SEAL BEACH, CA 90740
 Owner Name: JENNIFER GRGAS
 Owner Type: Other
 Operator Name: JENNIFER GRGAS
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JENNIFER GRGAS (Continued)

1026479413

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:	20200927
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: JENNIFER GRGAS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4580 HAZELNUT AVE.
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-761-7094
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JENNIFER GRGAS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4580 HAZELNUT AVE.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JENNIFER GRGAS (Continued)

1026479413

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
 Owner/Operator Telephone: 562-761-7094
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200924
 Handler Name: JENNIFER GRGAS
 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

23
South
< 1/8
0.099 mi.
521 ft.

ELENA TUTTLE
4648 HAZELNUT AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026469251
CAC003074709

Relative:
Higher
Actual:
24 ft.

RCRA Listings:

Date Form Received by Agency: 20200714
 Handler Name: ELENA TUTTLE
 Handler Address: 4648 HAZELNUT AVE
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003074709
 Contact Name: ELENA TUTTLE
 Contact Address: 4648 HAZELNUT AVE
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-446-0332
 Contact Fax: Not reported
 Contact Email: ANAB@PWSEI.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ELENA TUTTLE (Continued)

1026469251

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4648 HAZELNUT AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	ELENA TUTTLE	
Owner Type:		Other
Operator Name:	ELENA TUTTLE	
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-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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:		20200814

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELENA TUTTLE (Continued)

1026469251

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: ELENA TUTTLE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4648 HAZELNUT AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-446-0332
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ELENA TUTTLE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4648 HAZELNUT AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-446-0332
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200714
Handler Name: ELENA TUTTLE
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ELENA TUTTLE (Continued)

1026469251

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

E24
SW
 < 1/8
 0.124 mi.
 654 ft.

JOHN O'CONNELL
4488 HAZELNUT AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026475367
CAC003081114

Site 1 of 2 in cluster E

Relative:
Lower
Actual:
23 ft.

RCRA Listings:		
Date Form Received by Agency:		20200826
Handler Name:	JOHN O'CONNELL	
Handler Address:		4488 HAZELNUT AVE
Handler City,State,Zip:		SEAL BEACH, CA 90740
EPA ID:		CAC003081114
Contact Name:		JOHN O'CONNELL
Contact Address:		4488 HAZELNUT AVE
Contact City,State,Zip:		SEAL BEACH, CA 90740
Contact Telephone:		562-338-3270
Contact Fax:		Not reported
Contact Email:		ENKAY@ENKAYENGINEERING.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:		4488 HAZELNUT AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	JOHN O'CONNELL	
Owner Type:		Other
Operator Name:	JOHN O'CONNELL	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOHN O'CONNELL (Continued)

1026475367

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:	20200904
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JOHN O'CONNELL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4488 HAZELNUT AVE
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-338-3270
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JOHN O'CONNELL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4488 HAZELNUT AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN O'CONNELL (Continued)

1026475367

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-338-3270
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200826
Handler Name: JOHN O'CONNELL
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

25
SE
1/8-1/4
0.130 mi.
684 ft.

ERNIE & TERRIE EPPS
4772 HAZELNUT AVENUE
SEAL BEACH, CA 90740

RCRA NonGen / NLR 1024748984
CAC002968769

Relative:
Higher
Actual:
25 ft.

RCRA Listings:

Date Form Received by Agency: 20180629
Handler Name: ERNIE & TERRIE EPPS
Handler Address: 4772 HAZELNUT AVENUE
Handler City,State,Zip: SEAL BEACH, CA 90740
EPA ID: CAC002968769
Contact Name: ERNIE & TERRIE EPPS
Contact Address: 4772 HAZELNUT AVENUE
Contact City,State,Zip: SEAL BEACH, CA 90740
Contact Telephone: 714-614-2446
Contact Fax: Not reported
Contact Email: URBANMAC@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ERNIE & TERRIE EPPS (Continued)

1024748984

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4772 HAZELNUT AVENUE
Mailing City,State,Zip:	SEAL BEACH, CA 90740
Owner Name:	ERNIE & TERRIE EPPS
Owner Type:	Other
Operator Name:	ERNIE & TERRIE EPPS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs 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:	20180831

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ERNIE & TERRIE EPPS (Continued)

1024748984

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: ERNIE & TERRIE EPPS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4772 HAZELNUT AVENUE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 714-614-2446
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ERNIE & TERRIE EPPS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4772 HAZELNUT AVENUE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 714-614-2446
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180629
Handler Name: ERNIE & TERRIE EPPS
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ERNIE & TERRIE EPPS (Continued)

1024748984

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

E26
SW
1/8-1/4
0.131 mi.
690 ft.

WALTER HORNE
4480 HAZELNUT AVE.
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1025843815
CAC003023431

Site 2 of 2 in cluster E

Relative:
Lower
Actual:
23 ft.

RCRA Listings:
 Date Form Received by Agency: 20190710
 Handler Name: WALTER HORNE
 Handler Address: 4480 HAZELNUT AVE.
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003023431
 Contact Name: WALTER HORNE
 Contact Address: 4480 HAZELNUT AVE.
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-372-4464
 Contact Fax: Not reported
 Contact Email: ANAB@PWSEI.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 4480 HAZELNUT AVE.
 Mailing City,State,Zip: SEAL BEACH, CA 90740
 Owner Name: WALTER HORNE
 Owner Type: Other
 Operator Name: WALTER HORNE
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WALTER HORNE (Continued)

1025843815

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:	20190729
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: WALTER HORNE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4480 HAZELNUT AVE.
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-372-4464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: WALTER HORNE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4480 HAZELNUT AVE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALTER HORNE (Continued)

1025843815

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-972-4464
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190710
Handler Name: WALTER HORNE
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

27
SSE
1/8-1/4
0.149 mi.
788 ft.

NICK TAYLOR
3830 PANSY ST
SEAL BEACH, CA 90740

RCRA NonGen / NLR 1027465267
CAC003204008

Relative:
Higher
Actual:
28 ft.

RCRA Listings:

Date Form Received by Agency: 20221114
Handler Name: NICK TAYLOR
Handler Address: 3830 PANSY ST
Handler City,State,Zip: SEAL BEACH, CA 90740-5938
EPA ID: CAC003204008
Contact Name: NICK TAYLOR
Contact Address: 3830 PANSY ST
Contact City,State,Zip: SEAL BEACH, CA 90740-5938
Contact Telephone: 562-386-6057
Contact Fax: Not reported
Contact Email: ERNIE@SIRRIS.BIZ
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NICK TAYLOR (Continued)

1027465267

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3830 PANSY ST
Mailing City,State,Zip:		SEAL BEACH, CA 90740-5938
Owner Name:	NICK TAYLOR	
Owner Type:		Other
Operator Name:	NICK TAYLOR	
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-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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:		20221114

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NICK TAYLOR (Continued)

1027465267

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: NICK TAYLOR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3830 PANSY ST
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740-5938
Owner/Operator Telephone: 562-386-6057
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NICK TAYLOR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3830 PANSY ST
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740-5938
Owner/Operator Telephone: 562-386-6057
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20221114
Handler Name: NICK TAYLOR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NICK TAYLOR (Continued)

1027465267

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

F28
SSW
1/8-1/4
0.169 mi.
893 ft.

DONALD PRIOR
4573 FIR AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026711476
CAC003099653

Site 1 of 2 in cluster F

Relative:
Lower
Actual:
23 ft.

RCRA Listings:		
Date Form Received by Agency:		20210106
Handler Name:	DONALD PRIOR	
Handler Address:		4573 FIR AVE
Handler City,State,Zip:		SEAL BEACH, CA 90740
EPA ID:		CAC003099653
Contact Name:		DONALD PRIOR
Contact Address:		4573 FIR AVE
Contact City,State,Zip:		SEAL BEACH, CA 90740
Contact Telephone:		714-330-5310
Contact Fax:		Not reported
Contact Email:		ERNIE@SIRRIS.BIZ
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:		4573 FIR AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	DONALD PRIOR	
Owner Type:		Other
Operator Name:	DONALD PRIOR	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DONALD PRIOR (Continued)

1026711476

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:	20210226
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: DONALD PRIOR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4573 FIR AVE
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	714-330-5310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DONALD PRIOR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4573 FIR AVE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DONALD PRIOR (Continued)

1026711476

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
 Owner/Operator Telephone: 714-330-5310
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210106
 Handler Name: DONALD PRIOR
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 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

G29
East
1/8-1/4
0.170 mi.
897 ft.

NICOLE COOPER
5002 APOLLO CIR
LOS ALAMITOS, CA 90720

RCRA NonGen / NLR

1026487530
CAC003093718

Site 1 of 2 in cluster G

Relative:
Higher
Actual:
24 ft.

RCRA Listings:

Date Form Received by Agency: 20201119
 Handler Name: NICOLE COOPER
 Handler Address: 5002 APOLLO CIR
 Handler City,State,Zip: LOS ALAMITOS, CA 90720
 EPA ID: CAC003093718
 Contact Name: NICOLE COOPER
 Contact Address: 5002 APOLLO CIR
 Contact City,State,Zip: LOS ALAMITOS, CA 90720
 Contact Telephone: 562-896-9752
 Contact Fax: Not reported
 Contact Email: MANIFEST.SIRRIS@GMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NICOLE COOPER (Continued)

1026487530

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		5002 APOLLO CIR
Mailing City,State,Zip:		LOS ALAMITOS, CA 90720
Owner Name:	NICOLE COOPER	
Owner Type:		Other
Operator Name:	NICOLE COOPER	
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-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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:		20201130

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NICOLE COOPER (Continued)

1026487530

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: NICOLE COOPER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5002 APOLLO CIR
Owner/Operator City,State,Zip: LOS ALAMITOS, CA 90720
Owner/Operator Telephone: 562-896-9752
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NICOLE COOPER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5002 APOLLO CIR
Owner/Operator City,State,Zip: LOS ALAMITOS, CA 90720
Owner/Operator Telephone: 562-896-9752
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201119
Handler Name: NICOLE COOPER
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NICOLE COOPER (Continued)

1026487530

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

G30
East
1/8-1/4
0.170 mi.
899 ft.

VERNON SMYTHE
5001 LAMPSON AVE
LOS ALAMITOS, CA 90720

RCRA NonGen / NLR

1027072036
CAC003143594

Site 2 of 2 in cluster G

Relative:
Higher
Actual:
24 ft.

RCRA Listings:		
Date Form Received by Agency:		20211014
Handler Name:	VERNON SMYTHE	
Handler Address:		5001 LAMPSON AVE
Handler City,State,Zip:		LOS ALAMITOS, CA 90720
EPA ID:		CAC003143594
Contact Name:		VERNON SMYTHE
Contact Address:		5001 LAMPSON AVE
Contact City,State,Zip:		LOS ALAMITOS, CA 90720
Contact Telephone:		562-598-2840
Contact Fax:		Not reported
Contact Email:		MANIFEST.SIRRIIS@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		5001 LAMPSON AVE
Mailing City,State,Zip:		LOS ALAMITOS, CA 90720
Owner Name:	VERNON SMYTHE	
Owner Type:		Other
Operator Name:	VERNON SMYTHE	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VERNON SMYTHE (Continued)

1027072036

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:	20211014
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: VERNON SMYTHE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 LAMPSON AVE
Owner/Operator City,State,Zip:	LOS ALAMITOS, CA 90720
Owner/Operator Telephone:	562-598-2840
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: VERNON SMYTHE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 LAMPSON AVE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VERNON SMYTHE (Continued)

1027072036

Owner/Operator City,State,Zip: LOS ALAMITOS, CA 90720
 Owner/Operator Telephone: 562-598-2840
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20211014
 Handler Name: VERNON SMYTHE
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 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

31
 SE
 1/8-1/4
 0.191 mi.
 1008 ft.

EVELYN GARNER
4788 FIR AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1025856747
CAC003037096

Relative:
Higher
Actual:
27 ft.

RCRA Listings:

Date Form Received by Agency: 20191004
 Handler Name: EVELYN GARNER
 Handler Address: 4788 FIR AVE
 Handler City,State,Zip: SEAL BEACH, CA 90740-3011
 EPA ID: CAC003037096
 Contact Name: EVELYN GARNER
 Contact Address: 4788 FIR AVE
 Contact City,State,Zip: SEAL BEACH, CA 90740-3011
 Contact Telephone: 949-202-9137
 Contact Fax: Not reported
 Contact Email: NANCYRUIZ@ALLIANCE-ENVIRO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EVELYN GARNER (Continued)

1025856747

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4788 FIR AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740-3011
Owner Name:	EVELYN GARNER	
Owner Type:		Other
Operator Name:	EVELYN GARNER	
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 GPRC Permit Baseline:		Not on the Baseline
2018 GPRC 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 GPRC Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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 TSD 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:		20191004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EVELYN GARNER (Continued)

1025856747

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: EVELYN GARNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4788 FIR AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740-3011
Owner/Operator Telephone: 949-202-9137
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EVELYN GARNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4788 FIR AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740-3011
Owner/Operator Telephone: 949-202-9137
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20191004
Handler Name: EVELYN GARNER
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EVELYN GARNER (Continued)

1025856747

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

H32
WSW
1/8-1/4
0.192 mi.
1013 ft.

KELLIE DELLROSE
4416 HAZELNUT AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026052686
CAC003059582

Site 1 of 2 in cluster H

Relative:
Lower
Actual:
22 ft.

RCRA Listings:		20200311
Date Form Received by Agency:		
Handler Name:	KELLIE DELLROSE	
Handler Address:		4416 HAZELNUT AVE
Handler City,State,Zip:		SEAL BEACH, CA 90740-2916
EPA ID:		CAC003059582
Contact Name:		KELLIE DELLROSE
Contact Address:		4416 HAZELNUT AVE
Contact City,State,Zip:		SEAL BEACH, CA 90740-2916
Contact Telephone:		949-584-8119
Contact Fax:		Not reported
Contact Email:		KC@AQHIINC.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:		4416 HAZELNUT AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740-2916
Owner Name:	KELLIE DELLROSE	
Owner Type:		Other
Operator Name:	KELLIE DELLROSE	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KELLIE DELLROSE (Continued)

1026052686

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:	20200313
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: KELLIE DELLROSE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4416 HAZELNUT AVE
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740-2916
Owner/Operator Telephone:	949-584-8119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: KELLIE DELLROSE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4416 HAZELNUT AVE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KELLIE DELLROSE (Continued)

1026052686

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740-2916
 Owner/Operator Telephone: 949-584-8119
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200311
 Handler Name: KELLIE DELLROSE
 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

I33
ESE
1/8-1/4
0.193 mi.
1018 ft.

KAREN MCCAULEY
4849 HAZELNUT
SEAL BEACH, CA 90740
Site 1 of 3 in cluster I

RCRA NonGen / NLR

1025828635
CAC003008189

Relative:
Higher
Actual:
24 ft.

RCRA Listings:
 Date Form Received by Agency: 20190402
 Handler Name: KAREN MCCAULEY
 Handler Address: 4849 HAZELNUT
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003008189
 Contact Name: KAREN MCCAULEY
 Contact Address: 4849 HAZELNUT
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-596-1962
 Contact Fax: Not reported
 Contact Email: KC@AQHIINC.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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KAREN MCCAULEY (Continued)

1025828635

Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4849 HAZELNUT
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	KAREN MCCAULEY	
Owner Type:		Other
Operator Name:	KAREN MCCAULEY	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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:		20190626

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAREN MCCAULEY (Continued)

1025828635

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:	KAREN MCCAULEY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4849 HAZELNUT
Owner/Operator City,State,Zip:	RANCHO CUCAMONGA, CA 91737
Owner/Operator Telephone:	909-989-3444
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAREN MCCAULEY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4849 HAZELNUT
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-596-1962
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Historic Generators:	
Receive Date:	20190402
Handler Name:	KAREN MCCAULEY
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KAREN MCCAULEY (Continued)

1025828635

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

**I34
 ESE
 1/8-1/4
 0.195 mi.
 1029 ft.**

**BILL HARDING
 4856 IRONWOOD AVE
 SEAL BEACH, CA 90740**

RCRA NonGen / NLR

**1026484838
 CAC003090948**

Site 2 of 3 in cluster I

**Relative:
 Higher
 Actual:
 24 ft.**

RCRA Listings:		
Date Form Received by Agency:		20201102
Handler Name:	BILL HARDING	
Handler Address:		4856 IRONWOOD AVE
Handler City,State,Zip:		SEAL BEACH, CA 90740
EPA ID:		CAC003090948
Contact Name:		BILL HARDING
Contact Address:		4856 IRONWOOD AVE
Contact City,State,Zip:		SEAL BEACH, CA 90740
Contact Telephone:		562-430-2940
Contact Fax:		Not reported
Contact Email:		MANIFEST.SIRRIS@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4856 IRONWOOD AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	BILL HARDING	
Owner Type:		Other
Operator Name:	BILL HARDING	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BILL HARDING (Continued)

1026484838

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:	20201106
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: BILL HARDING	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4856 IRONWOOD AVE
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-430-2940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: BILL HARDING	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4856 IRONWOOD AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL HARDING (Continued)

1026484838

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-430-2940
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201102
Handler Name: BILL HARDING
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

35
SSE
1/8-1/4
0.206 mi.
1086 ft.

ROBIN SINKS
4681 ELDER AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR 1027463300
CAC003201914

Relative:
Higher
Actual:
25 ft.

RCRA Listings:

Date Form Received by Agency: 20221031
Handler Name: ROBIN SINKS
Handler Address: 4681 ELDER AVE
Handler City,State,Zip: SEAL BEACH, CA 90740-5938
EPA ID: CAC003201914
Contact Name: ROBIN SINKS
Contact Address: 4681 ELDER AVE
Contact City,State,Zip: SEAL BEACH, CA 90740-5938
Contact Telephone: 562-221-5823
Contact Fax: Not reported
Contact Email: ERNIE@SIRRIS.BIZ
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROBIN SINKS (Continued)

1027463300

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4681 ELDER AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740-5938
Owner Name:	ROBIN SINKS	
Owner Type:		Other
Operator Name:	ROBIN SINKS	
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 GPRC Permit Baseline:		Not on the Baseline
2018 GPRC 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 GPRC Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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 TSD 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:		20221031

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBIN SINKS (Continued)

1027463300

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: ROBIN SINKS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4681 ELDER AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740-5938
Owner/Operator Telephone: 562-221-5823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ROBIN SINKS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4681 ELDER AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740-5938
Owner/Operator Telephone: 562-221-5823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20221031
Handler Name: ROBIN SINKS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROBIN SINKS (Continued)

1027463300

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

36
East
1/8-1/4
0.213 mi.
1127 ft.

NEAL, BEN
12331 GLACIER CIRCLE
LOS ALAMITOS, CA 90720

RCRA NonGen / NLR

1024768113
CAC002987993

Relative:
Higher
Actual:
24 ft.

RCRA Listings:		20181106
Date Form Received by Agency:		20181106
Handler Name:	NEAL, BEN	
Handler Address:		12331 GLACIER CIRCLE
Handler City,State,Zip:		LOS ALAMITOS, CA 90720
EPA ID:		CAC002987993
Contact Name:		NEAL, BEN
Contact Address:		12331 GLACIER CIRCLE
Contact City,State,Zip:		LOS ALAMITOS, CA 90720
Contact Telephone:		562-980-2269
Contact Fax:		Not reported
Contact Email:		ANDREW@PWSEI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		12331 GLACIER CIRCLE
Mailing City,State,Zip:		LOS ALAMITOS, CA 90720
Owner Name:	NEAL, BEN	
Owner Type:		Other
Operator Name:	NEAL, BEN	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEAL, BEN (Continued)

1024768113

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:	20181120
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: NEAL, BEN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12331 GLACIER CIRCLE
Owner/Operator City,State,Zip:	LOS ALAMITOS, CA 90720
Owner/Operator Telephone:	562-980-2269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NEAL, BEN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12331 GLACIER CIRCLE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEAL, BEN (Continued)

1024768113

Owner/Operator City,State,Zip: LOS ALAMITOS, CA 90720
 Owner/Operator Telephone: 562-980-2269
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181106
 Handler Name: NEAL, BEN
 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

J37
South
1/8-1/4
0.217 mi.
1146 ft.

BILL TRIPP
4625 ELDER AVE
SEAL BEACH, CA 90740
Site 1 of 2 in cluster J

RCRA NonGen / NLR **1024755019**
CAC002974839

Relative:
Higher
Actual:
24 ft.

RCRA Listings:
 Date Form Received by Agency: 20180808
 Handler Name: BILL TRIPP
 Handler Address: 4625 ELDER AVE
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC002974839
 Contact Name: BILL TRIPP
 Contact Address: 4625 ELDER AVE
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-493-2820
 Contact Fax: Not reported
 Contact Email: JOE@SIRRIS.BIZ
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BILL TRIPP (Continued)

1024755019

Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4625 ELDER AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	BILL TRIPP	
Owner Type:		Other
Operator Name:	BILL TRIPP	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20180831

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL TRIPP (Continued)

1024755019

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: BILL TRIPP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4625 ELDER AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-493-2820
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BILL TRIPP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4625 ELDER AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-493-2820
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180808
Handler Name: BILL TRIPP
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BILL TRIPP (Continued)

1024755019

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

F38
SSW
1/8-1/4
0.217 mi.
1148 ft.

ROBERT ARVIZU
4581 ELDER ST
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1025851060
CAC003031173

Site 2 of 2 in cluster F

Relative:
Lower
Actual:
23 ft.

RCRA Listings:

Date Form Received by Agency:		20190827
Handler Name:	ROBERT ARVIZU	
Handler Address:		4581 ELDER ST
Handler City,State,Zip:		SEAL BEACH, CA 90740-3048
EPA ID:		CAC003031173
Contact Name:		ROBERT ARVIZU
Contact Address:		4581 ELDER ST
Contact City,State,Zip:		SEAL BEACH, CA 90740-3048
Contact Telephone:		562-881-4334
Contact Fax:		Not reported
Contact Email:		GENEVADEGUIRE@ALLIANCE-ENVIRO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4581 ELDER ST
Mailing City,State,Zip:		SEAL BEACH, CA 90740-3048
Owner Name:	ROBERT ARVIZU	
Owner Type:		Other
Operator Name:	ROBERT ARVIZU	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROBERT ARVIZU (Continued)

1025851060

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:	20190910
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ROBERT ARVIZU	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4581 ELDER ST
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740-3048
Owner/Operator Telephone:	562-881-4334
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ROBERT ARVIZU	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4581 ELDER ST

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROBERT ARVIZU (Continued)

1025851060

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740-3048
 Owner/Operator Telephone: 562-881-4334
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190827
 Handler Name: ROBERT ARVIZU
 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

J39
 South
 1/8-1/4
 0.218 mi.
 1152 ft.

KELLY & ERIN WALLACE
3741 OLEANDER ST
SEAL BEACH, CA 90740
Site 2 of 2 in cluster J

RCRA NonGen / NLR 1026708545
 CAC003096573

Relative:
 Higher
 Actual:
 24 ft.

RCRA Listings:
 Date Form Received by Agency: 20201210
 Handler Name: KELLY & ERIN WALLACE
 Handler Address: 3741 OLEANDER ST
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003096573
 Contact Name: KELLY & ERIN WALLACE
 Contact Address: 3741 OLEANDER ST
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-889-2127
 Contact Fax: Not reported
 Contact Email: CRISTAL.TEECOR@YAHOO.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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KELLY & ERIN WALLACE (Continued)

1026708545

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3741 OLEANDER ST
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	KELLY & ERIN WALLACE	
Owner Type:		Other
Operator Name:	KELLY & ERIN WALLACE	
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-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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 TSD 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:		20201218

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KELLY & ERIN WALLACE (Continued)

1026708545

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: KELLY & ERIN WALLACE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3741 OLEANDER ST
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-889-2127
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KELLY & ERIN WALLACE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3741 OLEANDER ST
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-889-2127
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201210
Handler Name: KELLY & ERIN WALLACE
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KELLY & ERIN WALLACE (Continued)

1026708545

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

40
SE
1/8-1/4
0.222 mi.
1171 ft.

CECALA TRUST
4840 FIR AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026709000
CAC003097052

Relative:
Higher
Actual:
24 ft.

RCRA Listings:
 Date Form Received by Agency: 20201214
 Handler Name: CECALA TRUST
 Handler Address: 4840 FIR AVE
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003097052
 Contact Name: DEREK JOHNSON
 Contact Address: 1033 CAROL DRIVE #T5
 Contact City,State,Zip: WEST HOLLYWOOD, CA 90069
 Contact Telephone: 562-714-0596
 Contact Fax: Not reported
 Contact Email: DEREKMJOHNSON1@GMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 1033 CAROL DRIVE #T5
 Mailing City,State,Zip: WEST HOLLYWOOD, CA 90069
 Owner Name: CECALA TRUST
 Owner Type: Other
 Operator Name: DEREK JOHNSON
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CECALA TRUST (Continued)

1026709000

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:	20201218
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: DEREK JOHNSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1033 CAROL DRIVE #T5
Owner/Operator City,State,Zip:	WEST HOLLYWOOD, CA 90069
Owner/Operator Telephone:	562-714-0596
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CECALA TRUST	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1033 CAROL DRIVE #T5

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CECALA TRUST (Continued)

1026709000

Owner/Operator City,State,Zip: WEST HOLLYWOOD, CA 90069
 Owner/Operator Telephone: 562-714-0596
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201214
 Handler Name: CECALA TRUST
 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

I41
ESE
1/8-1/4
0.229 mi.
1208 ft.

BARRY BROCKMAN
4872 HAZELNUT AVE.
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026482581
CAC003088631

Site 3 of 3 in cluster I

Relative:
Higher
Actual:
24 ft.

RCRA Listings:
 Date Form Received by Agency: 20201015
 Handler Name: BARRY BROCKMAN
 Handler Address: 4872 HAZELNUT AVE.
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003088631
 Contact Name: BARRY BROCKMAN
 Contact Address: 4872 HAZELNUT AVE.
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-594-0668
 Contact Fax: Not reported
 Contact Email: KC@AQHIINC.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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARRY BROCKMAN (Continued)

1026482581

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4872 HAZELNUT AVE.
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	BARRY BROCKMAN	
Owner Type:		Other
Operator Name:	BARRY BROCKMAN	
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-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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:		20201026

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARRY BROCKMAN (Continued)

1026482581

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:	BARRY BROCKMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4872 HAZELNUT AVE.
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-594-0668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BARRY BROCKMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4872 HAZELNUT AVE.
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-594-0668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Historic Generators:	
Receive Date:	20201015
Handler Name:	BARRY BROCKMAN
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BARRY BROCKMAN (Continued)

1026482581

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

42
ESE
1/8-1/4
0.229 mi.
1209 ft.

JEFFERY HARRIS
4889 IRONWOOD AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1025841409
CAC003021014

Relative:
Higher
Actual:
24 ft.

RCRA Listings:
 Date Form Received by Agency: 20190624
 Handler Name: JEFFERY HARRIS
 Handler Address: 4889 IRONWOOD AVE
 Handler City,State,Zip: SEAL BEACH, CA 90740
 EPA ID: CAC003021014
 Contact Name: JEFFERY HARRIS
 Contact Address: 4889 IRONWOOD AVE
 Contact City,State,Zip: SEAL BEACH, CA 90740
 Contact Telephone: 562-685-5333
 Contact Fax: Not reported
 Contact Email: KC@AQHIINC.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: 4889 IRONWOOD AVE
 Mailing City,State,Zip: SEAL BEACH, CA 90740
 Owner Name: JEFFERY HARRIS
 Owner Type: Other
 Operator Name: JEFFERY HARRIS
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JEFFERY HARRIS (Continued)

1025841409

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:	20190729
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: JEFFERY HARRIS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4889 IRONWOOD AVE
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-685-5333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: JEFFERY HARRIS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4889 IRONWOOD AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JEFFERY HARRIS (Continued)

1025841409

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 562-685-5333
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190624
Handler Name: JEFFERY HARRIS
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

H43
WSW
1/8-1/4
0.236 mi.
1245 ft.

DANNY LARSON
4380 HAZELNUT AVE
SEAL BEACH, CA 90740
Site 2 of 2 in cluster H

RCRA NonGen / NLR 1027459590
CAC003197981

Relative:
Lower
Actual:
22 ft.

RCRA Listings:
Date Form Received by Agency: 20221004
Handler Name: DANNY LARSON
Handler Address: 4380 HAZELNUT AVE
Handler City,State,Zip: SEAL BEACH, CA 90740
EPA ID: CAC003197981
Contact Name: DANNY LARSON
Contact Address: 4380 HAZELNUT AVE
Contact City,State,Zip: SEAL BEACH, CA 90740
Contact Telephone: 310-802-9037
Contact Fax: Not reported
Contact Email: INFO@AQHIINC.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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DANNY LARSON (Continued)

1027459590

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4380 HAZELNUT AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	DANNY LARSON	
Owner Type:		Other
Operator Name:	DANNY LARSON	
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 GPRC Permit Baseline:		Not on the Baseline
2018 GPRC 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 GPRC Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs 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 TSD 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:		20221004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DANNY LARSON (Continued)

1027459590

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: DANNY LARSON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4380 HAZELNUT AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 310-802-9037
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DANNY LARSON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4380 HAZELNUT AVE
Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
Owner/Operator Telephone: 310-802-9037
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20221004
Handler Name: DANNY LARSON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DANNY LARSON (Continued)

1027459590

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

44
SSE
1/8-1/4
0.249 mi.
1315 ft.

RUSS TONNER
4725 DOGWOOD AVE
SEAL BEACH, CA 90740

RCRA NonGen / NLR

1026720766
CAC003109497

Relative:
Higher
Actual:
26 ft.

RCRA Listings:		
Date Form Received by Agency:		20210311
Handler Name:	RUSS TONNER	
Handler Address:		4725 DOGWOOD AVE
Handler City,State,Zip:		SEAL BEACH, CA 90740
EPA ID:		CAC003109497
Contact Name:		RUSS TONNER
Contact Address:		4725 DOGWOOD AVE
Contact City,State,Zip:		SEAL BEACH, CA 90740
Contact Telephone:		562-716-9108
Contact Fax:		Not reported
Contact Email:		AD.AQHIINC@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4725 DOGWOOD AVE
Mailing City,State,Zip:		SEAL BEACH, CA 90740
Owner Name:	RUSS TONNER	
Owner Type:		Other
Operator Name:	RUSS TONNER	
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RUSS TONNER (Continued)

1026720766

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:	20210312
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: RUSS TONNER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4725 DOGWOOD AVE
Owner/Operator City,State,Zip:	SEAL BEACH, CA 90740
Owner/Operator Telephone:	562-716-9108
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: RUSS TONNER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4725 DOGWOOD AVE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RUSS TONNER (Continued)

1026720766

Owner/Operator City,State,Zip: SEAL BEACH, CA 90740
 Owner/Operator Telephone: 562-716-9108
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210311
 Handler Name: RUSS TONNER
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 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

K45
East
1/4-1/2
0.354 mi.
1868 ft.

SUPREME CLEANERS & LAUNDRY,THUHANG TRUON
5234 LAMPSON AVE
GARDEN GROVE, CA 92845
Site 1 of 5 in cluster K

CPS-SLIC **S121700555**
DRYCLEANERS **N/A**
HAZNET
HWTS

Relative:
Higher
Actual:
24 ft.

CPS-SLIC:
 Name: YOUR CLEANERS & LAUNDRY
 Address: 5234 LAMPSON AVENUE
 City,State,Zip: GARDEN GROVE, CA 92845
 Region: STATE
Facility Status: Open - Site Assessment
 Status Date: 03/21/2017
 Global Id: T10000010247
 Lead Agency: SANTA ANA RWQCB (REGION 8)
 Lead Agency Case Number: Not reported
 Latitude: 33.7807324062889
 Longitude: -118.041445040561
 Case Type: Cleanup Program Site
 Case Worker: JML
 Local Agency: Not reported
 RB Case Number: 2080161
 File Location: Regional Board
 Potential Media Affected: Indoor Air, Other Groundwater (uses other than drinking water), Soil, Soil Vapor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPREME CLEANERS & LAUNDRY, THUHANG TRUON (Continued)

S121700555

Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History: The Site was constructed with a commercial building in 1971. Dry cleaning operations have been conducted at the Site since 1972 until present under various names. The dry cleaning unit was converted to a closed-loop system in 1992/1993. In 2007, a new dry cleaning unit that uses petroleum based solvents was permitted for use. Based on historical and current groundwater monitoring results from wells on-Site associated with the adjacent former ARCO LUFT case and a limited investigation conducted at the dry cleaner, a release from the dry cleaner has occurred and has impacted groundwater. The magnitude and extent of the release is currently being investigated. More information will be provided as assessment activities are completed.

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

DRYCLEAN SOUTH COAST:

Name: SUPREME CLEANERS & LAUNDRY, THUHANG TRUON
Address: 5234 LAMPSON AVE
City, State, Zip: GARDEN GROVE, CA 92845
Facility ID: 96421
Application Number: 280956
Permit Number: D73265
Status: O
Representative Name: THUHANG TRUONG
Representative Telephone: 714 8988307
Permit Status: INACTIVE
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 0
UTM North: 0
Application Date: 05/04/1993
PO Issue Date: 05/07/1993
NAICS Code: Not reported
SIC Code: 7216

HAZNET:

Name: YOUR CLEANERS & LAUNDRY
Address: 5234 LAMPSON AVENUE
Address 2: Not reported
City, State, Zip: GARDEN GROVE, CA 92845
Contact: JONATHAN H. CANNON
Telephone: 7147711896
Mailing Name: Not reported
Mailing Address: 7305 E. SADDLEHILL TRL.

Year: 2017
Gepaid: CAC002929761
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPREME CLEANERS & LAUNDRY,THUHANG TRUON (Continued)

S121700555

Additional Info:

Year: 2017
Gen EPA ID: CAC002929761

Shipment Date: 20171206
Creation Date: 8/3/2018 18:30:58
Receipt Date: 20171207
Manifest ID: 010664918FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: CAT080016116
Trans 2 Name: NIETO AND SONS TRUCKING INC
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D040
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: D039
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: YOUR CLEANERS & LAUNDRY
Address: 5234 LAMPSON AVENUE
Address 2: Not reported
City,State,Zip: GARDEN GROVE, CA 92845
EPA ID: CAC002929761
Inactive Date: 12/27/2017
Create Date: 09/26/2017
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 7305 E. SADDLEHILL TRL.
Mailing Address 2: Not reported
Mailing City,State,Zip: ORANGE, CA 92869
Owner Name: CANNON FAMILY TRUST
Owner Address: 7305 E. SADDLEHILL TRL.
Owner Address 2: Not reported
Owner City,State,Zip: ORANGE, CA 92869
Contact Name: JONATHAN H. CANNON
Contact Address: 7305 E. SADDLEHILL TRL.
Contact Address 2: Not reported
City,State,Zip: ORANGE, CA 92869
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 33.781001
Longitude: -118.04155

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K46 **BOLSA CHICA CHANNEL DEWATERING**
East **5250 LAMPSON AVE**
1/4-1/2 **GARDEN GROVE, CA**
0.362 mi.
1910 ft. **Site 2 of 5 in cluster K**

CPS-SLIC **S105015207**
CERS **N/A**

Relative: SLIC REG 8:
Higher Name: BOLSA CHICA CHANNEL DEWATERING
Actual: Address: 5250 LAMPSON AVE
24 ft. City: GARDEN GROVE
Type: Soil and Groundwater
Facility Status: Closed
Staff: Kamron Saremi, Tel 909-782-4303, SLIC
Substance: SOLVENT
Lead Agency: Regional Board
Location Code: Not reported
Thomas Bros Code: Not reported

CPS-SLIC:
Name: BOLSA CHICA CHANNEL DEWATERING
Address: 5250 LAMPSON AVE
City,State,Zip: GARDEN GROVE, CA
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/23/2009
Global Id: SLT8R1144151
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.7809308462648
Longitude: -118.041679859161
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SLT8R114
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

CERS:
Name: BOLSA CHICA CHANNEL DEWATERING
Address: 5250 LAMPSON AVE
City,State,Zip: GARDEN GROVE, CA
Site ID: 247378
CERS ID: SLT8R1144151
CERS Description: Cleanup Program Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K47 **ARCO PRODUCTS COMPANY**
East **5262 LAMPSON AVE**
1/4-1/2 **GARDEN GROVE, CA 92641**
0.368 mi.
1943 ft. **Site 3 of 5 in cluster K**

LUST **S113027569**
HAZNET **N/A**
HWTS

Relative:
Higher
Actual:
24 ft.

ORANGE CO. LUST:
Name: ARCO #3015
Address: 5262 LAMPSON AVE
City,State,Zip: GARDEN GROVE, CA 92645
Region: ORANGE
Facility Id: 87UT201
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 03/05/1993
Record ID: RO0000998

HAZNET:

Name: ARCO PRODUCTS COMPANY
Address: 5262 LAMPSON AVE
Address 2: Not reported
City,State,Zip: GARDEN GROVE, CA 926410000
Contact: CARLOS RODRIGUEZ-ENV COMP ADM
Telephone: 7146705366
Mailing Name: Not reported
Mailing Address: PO BOX 6038

Year: 1996
Gepaid: CAL000016859
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 4.655

Year: 1992
Gepaid: CAL000016859
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01 - Recycler
Tons: 1.6554

Year: 1991
Gepaid: CAL000016859
TSD EPA ID: CAD080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: 01 -
Tons: 139.278

Year: 1989
Gepaid: CAL000016859
TSD EPA ID: CAT080011059
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 5.838

Additional Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO PRODUCTS COMPANY (Continued)

S113027569

Year: 1996
Gen EPA ID: CAL000016859

Shipment Date: 19960617
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960617
Manifest ID: 96237437
Trans EPA ID: CAD982413262
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980887418
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 4.655
Waste Quantity: 1225
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

HWTS:

Name: ARCO PRODUCTS COMPANY
Address: 5262 LAMPSON AVE
Address 2: Not reported
City,State,Zip: GARDEN GROVE, CA 92641
EPA ID: CAL000016859
Inactive Date: 06/30/2001
Create Date: 11/14/1989
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing Address 2: Not reported
Mailing City,State,Zip: ARTESIA, CA 907026038
Owner Name: ATLANTIC RICHFIELD CORP
Owner Address: PO BOX 6038
Owner Address 2: Not reported
Owner City,State,Zip: ARTESIA, CA 907026038
Contact Name: CARLOS RODRIGUEZ-ENV COMP ADM
Contact Address: INACTIVE PER VQ01 - BMI
Contact Address 2: Not reported
City,State,Zip: ARTESIA, CA 907026038
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 33.781105
Longitude: -118.040794

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)
EDR ID Number
EPA ID Number

K48
East
1/4-1/2
0.368 mi.
1943 ft.

ARCO #3015
5262 LAMPSON AVE
GARDEN GROVE, CA 92645

Site 4 of 5 in cluster K

LUST **U001577141**
HIST UST **N/A**

Relative:
Higher

Actual:
24 ft.

LUST:

Name: ARCO #3015
Address: 5262 LAMPSON AVE
City,State,Zip: GARDEN GROVE, CA 92645
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900647
Global Id: T0605900647
Latitude: 33.7810512
Longitude: -118.0409747
Status: Completed - Case Closed
Status Date: 12/22/2004
Case Worker: MG
RB Case Number: 083000820T
Local Agency: Not reported
File Location: Not reported
Local Case Number: 87UT201
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents, Gasoline
Site History: Not reported

LUST:

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 09/07/2004
Action: File review

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 12/22/2004
Action: Closure/No Further Action Letter

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 02/03/2004
Action: Notification - Proposition 65

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 03/04/2004
Action: * No Action

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 02/03/2004
Action: Notification - Fee Title Owners Notice

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 02/28/2003
Action: * No Action

Global Id: T0605900647
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #3015 (Continued)

U001577141

Date: 02/03/2004
Action: Staff Letter

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 10/02/2020
Action: Historic Files

Global Id: T0605900647
Action Type: Other
Date: 12/22/1987
Action: Leak Reported

Global Id: T0605900647
Action Type: RESPONSE
Date: 03/31/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900647
Action Type: RESPONSE
Date: 07/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0605900647
Action Type: RESPONSE
Date: 01/31/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900647
Action Type: RESPONSE
Date: 03/15/2004
Action: Other Report / Document

Global Id: T0605900647
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900647
Action Type: REMEDIATION
Date: 07/20/1988
Action: Excavation

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 01/29/2003
Action: * No Action

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 12/13/2004
Action: File review

LUST:

Global Id: T0605900647
Status: Open - Case Begin Date
Status Date: 12/22/1987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #3015 (Continued)

U001577141

Global Id: T0605900647
Status: Open - Site Assessment
Status Date: 03/31/1988

Global Id: T0605900647
Status: Open - Site Assessment
Status Date: 06/20/1988

Global Id: T0605900647
Status: Open - Site Assessment
Status Date: 07/20/1988

Global Id: T0605900647
Status: Open - Site Assessment
Status Date: 08/22/1988

Global Id: T0605900647
Status: Open - Site Assessment
Status Date: 10/01/1988

Global Id: T0605900647
Status: Open - Site Assessment
Status Date: 11/01/1988

Global Id: T0605900647
Status: Open - Site Assessment
Status Date: 02/10/1989

Global Id: T0605900647
Status: Open - Remediation
Status Date: 09/29/1999

Global Id: T0605900647
Status: Open - Site Assessment
Status Date: 06/01/2001

Global Id: T0605900647
Status: Open - Site Assessment
Status Date: 07/15/2001

Global Id: T0605900647
Status: Completed - Case Closed
Status Date: 12/22/2004

HIST UST:

Name: JERRY GIRAGOSSIAN
Address: 5262 LAMPSON AVE
City,State,Zip: GARDEN GROVE, CA 92641
File Number: 0002E519
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E519.pdf>
Region: STATE
Facility ID: 0000026713
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 0000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #3015 (Continued)

U001577141

Owner Name: ARCO PETROLEUM PRODUCTS CO.
Owner Address: 515 SOUTH FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90071
Total Tanks: 0005

Tank Num: 001
Container Num: 0000000001
Year Installed: 1972
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 0000240
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 0000000002
Year Installed: 1968
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 0000240
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 0000000003
Year Installed: 1968
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 0000240
Leak Detection: Stock Inventor, 10

Tank Num: 004
Container Num: 0000000004
Year Installed: 1968
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 0000240
Leak Detection: Stock Inventor, 10

Tank Num: 005
Container Num: 0000000005
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Container Construction Thickness: 0000093
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K49
East
1/4-1/2
0.368 mi.
1943 ft.

ARCO #3015
5262 LAMPSON AVE
GARDEN GROVE, CA 92645

Site 5 of 5 in cluster K

LUST
Cortese
HIST CORTESE
Notify 65
CERS

S101299630
N/A

Relative:
Higher

Actual:
24 ft.

Relative: LUST REG 8:
Higher Name: ARCO #3015
Address: 5262 LAMPSON AVE
City: GARDEN GROVE
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000820T
Local Case Num: 87UT201
Case Type: Aquifer affected
Substance: Solvents
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Cross Street: MANLEY
Enf Type: CLOS
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Other Source
Global ID: T0605900647
How Stopped Date: Not reported
Enter Date: 3/31/1988
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: 3/31/1988
Discover Date: Not reported
Enforcement Date: Not reported
Close Date: 12/22/2004
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: 7/15/2001
Date Remediation Plan Submitted: 9/29/1999
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: 3/31/1988
GW Qualifies: <
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Yes
Oversite Program: LUST
Latitude: 33.7810512
Longitude: -118.0409747
MTBE Date: 6/2/2000
Max MTBE GW: .5
MTBE Concentration: 1
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: Not reported
Staff: VJJ
Staff Initials: SAS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #3015 (Continued)

S101299630

Lead Agency: Regional Board
Local Agency: 30000L
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: EXTREMELY HIGH CHLORINATED HC LEVELS. MAYBE DERIVED FROM A NEARBY DRY CLEANER. FURTHER INVESTIGATION/REMEDIATION REQUIRED. DETERMINING RESPONSIBLE PARTY FOR CHLORINATED HYDROCARBONS.

CORTESE:

Name: ARCO #3015
Address: 5262 LAMPSON AVE
City,State,Zip: GARDEN GROVE, CA 92645
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605900647
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

HIST CORTESE:

edr_fname: ARCO #3015
edr_fadd1: 5262
City,State,Zip: GARDEN GROVE, CA 92645
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000820T

NOTIFY 65:

Name: ARCO #3015
Address: 5262 LAMPSON AVE
City,State,Zip: GARDEN GROVE, CA 92645
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: 02/03/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #3015 (Continued)

S101299630

Incident Description: Not reported
Global ID: Not reported
Status: Not reported

Name: ARCO #3015
Address: 5262 LAMPSON AVE
City,State,Zip: GARDEN GROVE, CA 92645
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

CERS:

Name: ARCO #3015
Address: 5262 LAMPSON AVE
City,State,Zip: GARDEN GROVE, CA 92645
Site ID: 192905
CERS ID: T0605900647
CERS Description: Leaking Underground Storage Tank Cleanup Site

**L50
NNW
1/2-1
0.628 mi.
3317 ft.**

**NAS LOS ALAMITOS
LOS ALAMITOS, CA
Site 1 of 4 in cluster L**

**ENVIROSTOR S107736812
N/A**

**Relative:
Higher
Actual:
26 ft.**

ENVIROSTOR:
Name: NAS LOS ALAMITOS
Address: Not reported
City,State,Zip: LOS ALAMITOS, CA
Facility ID: 80000646
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
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 72
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.79166
Longitude: -118.0527
APN: NONE SPECIFIED

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NAS LOS ALAMITOS (Continued)

S107736812

Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CA99799F593900
 Alias Type: Federal Facility ID
 Alias Name: J09CA1044
 Alias Type: INPR
 Alias Name: 80000646
 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

**L51
 NNW
 1/2-1
 0.628 mi.
 3317 ft.**

**LOS ALAMITOS RAD BOMB/SCORE SITE
 LOS ALAMITOS, CA
 Site 2 of 4 in cluster L**

**ENVIROSTOR S107737117
 N/A**

**Relative:
 Higher
 Actual:
 26 ft.**

ENVIROSTOR:
 Name: LOS ALAMITOS RAD BOMB/SCORE SITE
 Address: Not reported
 City,State,Zip: LOS ALAMITOS, CA
 Facility ID: 80000425
 Status: Inactive - Needs Evaluation
 Status Date: 08/14/2018
 Site Code: Not reported
 Site Type: Military Evaluation
 Site Type Detailed: FUDS
 Acres: 10
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Patrick Hsieh
 Division Branch: Cleanup Cypress
 Assembly: 72
 Senate: 34
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: DERA
 Latitude: 33.79166

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOS ALAMITOS RAD BOMB/SCORE SITE (Continued)

S107737117

Longitude: -118.0527
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: Explosives (UXO, MEC)
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F557100
Alias Type: Federal Facility ID
Alias Name: J09CA0561
Alias Type: INPR
Alias Name: 80000425
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 07/17/2017
Comments: Draft Site visit report on R drive for management review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 02/24/1993
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

L52
NNW
1/2-1
0.629 mi.
3322 ft.

USNAS LOS ALAMITOS
LOS ALAMITOS, CA
Site 3 of 4 in cluster L

FUDS 1024903816
N/A

Relative:
Higher
Actual:
26 ft.

FUDS:
EPA Region: 09
Installation ID: CA99799F593900
Congressional District Number: 47
Name: USNAS LOS ALAMITOS
FUDS Number: J09CA1044
City: LOS ALAMITOS
State: CA
County: ORANGE
Object ID: 2161
USACE Division: spd
USACE District: spl
Status: Properties without projects
Current Owner: Not reported
EMS Map Link: <https://fudsportal.usace.army.mil/ems/inventory/map?id=61321>
Eligibility: Eligible

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USNAS LOS ALAMITOS (Continued)

1024903816

Has Projects: No
NPL Status: Not on the NPL
Property History: Not reported

Project Required: No
Feature Description: Not reported
Latitude: 33.79166667
Longitude: -118.05277778

**L53
NNW
1/2-1
0.629 mi.
3322 ft.

Relative:
Higher

Actual:
26 ft.**

LOS ALAMITOS RADAR BOMB SCORIN

**FUDS 1024903624
N/A**

**LOS ALAMITOS, CA
Site 4 of 4 in cluster L**

FUDS:
EPA Region: 09
Installation ID: CA99799F557100
Congressional District Number: 47
Name: LOS ALAMITOS RADAR BOMB SCORIN
FUDS Number: J09CA0561
City: LOS ALAMITOS
State: CA
County: ORANGE
Object ID: 1429
USACE Division: spd
USACE District: spl
Status: Properties without projects
Current Owner: Not reported
EMS Map Link: <https://fudsportal.usace.army.mil/ems/inventory/map?id=61168>
Eligibility: Ineligible
Has Projects: No
NPL Status: Not on the NPL
Property History: Not reported

Project Required: No
Feature Description: Not reported
Latitude: 33.79166667
Longitude: -118.05277778

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

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

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: N/A
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: N/A
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 08/25/2022
Date Data Arrived at EDR: 09/06/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 800-424-9346
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/21/2022	Source: EPA
Date Data Arrived at EDR: 11/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	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: 08/16/2022	Source: Department of the Navy
Date Data Arrived at EDR: 08/22/2022	Telephone: 843-820-7326
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/20/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/15/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2022	Telephone: 703-603-0695
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/06/2023
	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: 08/15/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2022	Telephone: 703-603-0695
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/12/2022

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 12/14/2022

Telephone: 202-267-2180

Date Made Active in Reports: 12/19/2022

Last EDR Contact: 12/14/2022

Number of Days to Update: 5

Next Scheduled EDR Contact: 04/03/2023

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

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: 07/25/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 07/25/2022

Telephone: 916-323-3400

Date Made Active in Reports: 10/05/2022

Last EDR Contact: 10/24/2022

Number of Days to Update: 72

Next Scheduled EDR Contact: 02/06/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 07/25/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 07/25/2022

Telephone: 916-323-3400

Date Made Active in Reports: 10/05/2022

Last EDR Contact: 10/24/2022

Number of Days to Update: 72

Next Scheduled EDR Contact: 02/06/2023

Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/08/2022

Source: Department of Resources Recycling and Recovery

Date Data Arrived at EDR: 08/08/2022

Telephone: 916-341-6320

Date Made Active in Reports: 10/20/2022

Last EDR Contact: 11/03/2022

Number of Days to Update: 73

Next Scheduled EDR Contact: 02/20/2023

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST: 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: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: see region list
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 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	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

LUST REG 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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-8677
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/30/2023
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/11/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-7439
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-6597
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6271
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 10/06/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/30/2023
	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: 04/08/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3372
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 07/01/2011
Number of Days to Update: 47	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/24/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 916-327-7844
Date Made Active in Reports: 11/21/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 08/31/2022	Source: SWRCB
Date Data Arrived at EDR: 08/31/2022	Telephone: 916-341-5851
Date Made Active in Reports: 11/28/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 89	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/06/2022
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/27/2023
	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: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-9424
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/30/2023
	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: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6137
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/08/2022	Source: EPA Region 9
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3368
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/07/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 06/13/2022	Telephone: 617-918-1313
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-7591
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/11/2022	Source: EPA Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-6136
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 07/25/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/25/2022	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2022	Last EDR Contact: 10/24/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/13/2022
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/03/2023
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfields Sites Listing

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

Date of Government Version: 09/19/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/19/2022	Telephone: 916-323-7905
Date Made Active in Reports: 12/07/2022	Last EDR Contact: 12/14/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/03/2023
	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: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2022	Telephone: 202-566-2777
Date Made Active in Reports: 03/10/2022	Last EDR Contact: 12/07/2022
Number of Days to Update: 0	Next Scheduled EDR Contact: 03/27/2023
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 10/20/2022
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 08/31/2022	Source: Department of Conservation
Date Data Arrived at EDR: 08/31/2022	Telephone: 916-323-3836
Date Made Active in Reports: 11/18/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 08/12/2022	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 08/16/2022	Telephone: 916-341-6422
Date Made Active in Reports: 08/26/2022	Last EDR Contact: 11/15/2022
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/20/2023
	Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 10/20/2022
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/11/2022
Number of Days to Update: 137	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2022
Number of Days to Update: 176	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 07/29/2022	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 08/18/2022	Telephone: 202-307-1000
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 67	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/25/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/25/2022	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2022	Last EDR Contact: 10/24/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-255-6504
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 11/23/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/13/2023
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERS HAZ WASTE: CERS HAZ WASTE

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

Date of Government Version: 07/18/2022	Source: CalEPA
Date Data Arrived at EDR: 07/18/2022	Telephone: 916-323-2514
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/29/2022	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 08/18/2022	Telephone: 202-307-1000
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 67	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 08/04/2022	Source: San Francisco County Department of Public Health
Date Data Arrived at EDR: 08/04/2022	Telephone: 415-252-3896
Date Made Active in Reports: 10/20/2022	Last EDR Contact: 10/26/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 08/24/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/19/2022
Next Scheduled EDR Contact: 03/13/2023
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: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/09/2023
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: 08/25/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/19/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/19/2022	Telephone: 202-366-4555
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 12/14/2022
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/03/2023
	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: 06/30/2022	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/18/2022	Telephone: 916-845-8400
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 01/30/2023
	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: 08/31/2022	Source: State Water Quality Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	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: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/21/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/03/2023
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: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/27/2023
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
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: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/03/2022
Next Scheduled EDR Contact: 02/20/2023
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/14/2022
Next Scheduled EDR Contact: 04/03/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 10/28/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/28/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 12/12/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 03/27/2023
	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	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 11/01/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/27/2023
	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: 07/18/2022	Source: EPA
Date Data Arrived at EDR: 07/18/2022	Telephone: 202-564-4203
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 10/18/2022
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 703-416-0223
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/13/2023
	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: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 10/27/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 01/30/2023
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/16/2023
	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: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/27/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 10/11/2022
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/30/2023
	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: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 11/29/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 11/23/2022
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 11/03/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/13/2023
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 12/20/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/10/2023
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 10/24/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/06/2023
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
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: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/03/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
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: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/27/2022
Next Scheduled EDR Contact: 02/16/2023
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: 11/09/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2022
Next Scheduled EDR Contact: 03/06/2023
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: 08/01/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 59

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/28/2022
Next Scheduled EDR Contact: 03/13/2023
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: 11/21/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 11/21/2022
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/06/2023
	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: 09/13/2022	Source: Department of Interior
Date Data Arrived at EDR: 09/14/2022	Telephone: 202-208-2609
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/13/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/03/2022	Source: EPA
Date Data Arrived at EDR: 08/25/2022	Telephone: (415) 947-8000
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/29/2022
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/25/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2022	Telephone: 202-564-2280
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 09/30/2022
Number of Days to Update: 91	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 11/15/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/28/2022
Number of Days to Update: 601	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 08/22/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 08/22/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/26/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/26/2022
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 10/31/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 61	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/06/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/06/2022	Telephone: 916-341-5455
Date Made Active in Reports: 10/26/2022	Last EDR Contact: 10/09/2022
Number of Days to Update: 50	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 09/19/2022	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/19/2022	Telephone: 916-323-3400
Date Made Active in Reports: 12/07/2022	Last EDR Contact: 12/14/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/03/2023
	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: 12/07/2021	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/09/2022	Telephone: 925-454-2361
Date Made Active in Reports: 05/17/2022	Last EDR Contact: 11/10/2022
Number of Days to Update: 8	Next Scheduled EDR Contact: 02/20/2023
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/25/2022	Source: Antelope Valley Air Quality Management District
Date Data Arrived at EDR: 05/26/2022	Telephone: 661-723-8070
Date Made Active in Reports: 08/11/2022	Last EDR Contact: 11/14/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/13/2023
	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: 08/18/2022	Source: South Coast Air Quality Management District
Date Data Arrived at EDR: 08/29/2022	Telephone: 909-396-3211
Date Made Active in Reports: 11/14/2022	Last EDR Contact: 11/15/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/01/2021	Telephone: 916-327-4498
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 11/07/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020	Source: California Air Resources Board
Date Data Arrived at EDR: 06/13/2022	Telephone: 916-322-2990
Date Made Active in Reports: 08/30/2022	Last EDR Contact: 12/15/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/27/2023
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/12/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/19/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing Financial Assurance information

Date of Government Version: 07/06/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 10/03/2022
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 08/09/2022
Date Data Arrived at EDR: 08/10/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 20

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: Varies

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/27/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/03/2022
Date Data Arrived at EDR: 10/03/2022
Date Made Active in Reports: 12/15/2022
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Quarterly

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: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Annually

MINES: Mines Site Location Listing

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

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/18/2022
Number of Days to Update: 79

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
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: 08/08/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/08/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/03/2022
Next Scheduled EDR Contact: 02/20/2023
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: 08/25/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/18/2022
Number of Days to Update: 79

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 09/07/2022
Date Data Arrived at EDR: 09/08/2022
Date Made Active in Reports: 11/29/2022
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
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: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/18/2022
Number of Days to Update: 79

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/17/2022
Number of Days to Update: 78

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
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: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
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: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/13/2022
Next Scheduled EDR Contact: 04/03/2023
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/17/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/17/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
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: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/18/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
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: 08/16/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
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: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	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: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/05/2022	Telephone: 916-324-2444
Date Made Active in Reports: 04/26/2022	Last EDR Contact: 10/03/2022
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

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: 11/22/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR 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: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/28/2022
Date Data Arrived at EDR: 09/29/2022
Date Made Active in Reports: 12/14/2022
Number of Days to Update: 76

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 5

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/13/2023
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: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/15/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 6

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/13/2022
Next Scheduled EDR Contact: 04/03/2023
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: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 07/20/2022
Date Data Arrived at EDR: 07/20/2022
Date Made Active in Reports: 10/03/2022
Number of Days to Update: 75

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List

Cupa Facility list

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List

CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
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: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/30/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 07/13/2022
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 77

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
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: 10/03/2022
Date Data Arrived at EDR: 10/05/2022
Date Made Active in Reports: 12/16/2022
Number of Days to Update: 72

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 10/03/2022
Date Data Arrived at EDR: 10/05/2022
Date Made Active in Reports: 12/16/2022
Number of Days to Update: 72

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 02/16/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
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: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/03/2022
Date Data Arrived at EDR: 10/04/2022
Date Made Active in Reports: 12/15/2022
Number of Days to Update: 72

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/07/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2022	Source: Engineering & Construction Division
Date Data Arrived at EDR: 01/21/2022	Telephone: 213-473-7869
Date Made Active in Reports: 04/11/2022	Last EDR Contact: 10/04/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 01/23/2023
	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	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/13/2022
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/03/2023
	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: 01/10/2022	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 01/12/2022	Telephone: 626-458-6973
Date Made Active in Reports: 04/04/2022	Last EDR Contact: 10/04/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/23/2023
	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: 08/30/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 09/20/2022	Telephone: 213-978-3800
Date Made Active in Reports: 12/07/2022	Last EDR Contact: 12/14/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/03/2023
	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: 08/30/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 09/20/2022	Telephone: 213-978-3800
Date Made Active in Reports: 12/08/2022	Last EDR Contact: 12/14/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/03/2023
	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: 05/26/2021	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 10/20/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 10/04/2022
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/23/2023
	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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 10/11/2022
Number of Days to Update: 65	Next Scheduled EDR Contact: 01/30/2023
	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: 04/22/2022	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/19/2022	Telephone: 310-618-2973
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 10/11/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 11/08/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 12/19/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/10/2023
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/19/2022
Next Scheduled EDR Contact: 04/10/2023
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: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
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: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: No Update Planned

NEVADA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA NEVADA: CUPA Facility List CUPA facility list.

Date of Government Version: 07/21/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 3

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Petroleum and non-petroleum spills.

Date of Government Version: 05/24/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/03/2022
Next Scheduled EDR Contact: 02/13/2023
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/03/2022
Next Scheduled EDR Contact: 02/13/2023
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/24/2022
Date Data Arrived at EDR: 08/01/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/03/2022
Next Scheduled EDR Contact: 02/13/2023
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: 08/26/2022
Date Data Arrived at EDR: 08/29/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 78

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/22/2022
Next Scheduled EDR Contact: 03/13/2023
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: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/22/2022
Date Data Arrived at EDR: 09/26/2022
Date Made Active in Reports: 12/09/2022
Number of Days to Update: 74

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 09/22/2022
Date Data Arrived at EDR: 09/26/2022
Date Made Active in Reports: 12/09/2022
Number of Days to Update: 74

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
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: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/10/2023
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: 05/04/2022
Date Data Arrived at EDR: 06/30/2022
Date Made Active in Reports: 07/05/2022
Number of Days to Update: 5

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/09/2022
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 07/27/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 10/11/2022
Number of Days to Update: 76

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/22/2022
Date Data Arrived at EDR: 08/23/2022
Date Made Active in Reports: 11/11/2022
Number of Days to Update: 80

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/16/2023
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: 08/25/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 82

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 11/22/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing Cupa facilities

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/04/2022
Date Data Arrived at EDR: 08/04/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
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: 08/04/2022
Date Data Arrived at EDR: 08/04/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/13/2023
Data Release Frequency: Quarterly

SAN FRANCISCO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing

a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 01/18/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 97

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 10/07/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

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: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 08/10/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/09/2022
Next Scheduled EDR Contact: 03/20/2023
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: 11/30/2022
Next Scheduled EDR Contact: 03/20/2023
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: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/04/2022
Number of Days to Update: 78

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/27/2023
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: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
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: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
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: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
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: 11/22/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/22/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/13/2022
Next Scheduled EDR Contact: 04/03/2023
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: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/13/2022
Next Scheduled EDR Contact: 04/03/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 07/27/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 10/11/2022
Number of Days to Update: 76

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 07/13/2022
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 02/16/2023
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: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 05/26/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 12/19/2022
Next Scheduled EDR Contact: 04/10/2023
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: 11/01/2022
Next Scheduled EDR Contact: 02/20/2023
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: 05/26/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2022

Source: Environmental Health Division

Date Data Arrived at EDR: 08/31/2022

Telephone: 805-654-2813

Date Made Active in Reports: 11/21/2022

Last EDR Contact: 12/02/2022

Number of Days to Update: 82

Next Scheduled EDR Contact: 03/20/2023

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: 09/21/2022

Source: Yolo County Department of Health

Date Data Arrived at EDR: 09/30/2022

Telephone: 530-666-8646

Date Made Active in Reports: 12/14/2022

Last EDR Contact: 12/19/2022

Number of Days to Update: 75

Next Scheduled EDR Contact: 04/10/2023

Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 10/25/2022

Source: Yuba County Environmental Health Department

Date Data Arrived at EDR: 10/26/2022

Telephone: 530-749-7523

Date Made Active in Reports: 10/31/2022

Last EDR Contact: 10/20/2022

Number of Days to Update: 5

Next Scheduled EDR Contact: 02/06/2023

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: 08/08/2022

Source: Department of Energy & Environmental Protection

Date Data Arrived at EDR: 08/08/2022

Telephone: 860-424-3375

Date Made Active in Reports: 10/21/2022

Last EDR Contact: 11/16/2022

Number of Days to Update: 74

Next Scheduled EDR Contact: 02/20/2023

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018

Source: Department of Environmental Protection

Date Data Arrived at EDR: 04/10/2019

Telephone: N/A

Date Made Active in Reports: 05/16/2019

Last EDR Contact: 10/03/2022

Number of Days to Update: 36

Next Scheduled EDR Contact: 01/16/2023

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
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: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/20/2022
Next Scheduled EDR Contact: 02/27/2023
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: 12/01/2022
Next Scheduled EDR Contact: 03/20/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 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

045.10352_4665 LAMPSON AVE., LOS ALAMITOS, CA
4665 LAMPSON AVE
LOS ALAMITOS, CA 90720

TARGET PROPERTY COORDINATES

Latitude (North):	33.78195 - 33° 46' 55.02"
Longitude (West):	118.049258 - 118° 2' 57.33"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	402852.2
UTM Y (Meters):	3738280.2
Elevation:	24 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5633745 LOS ALAMITOS, 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).

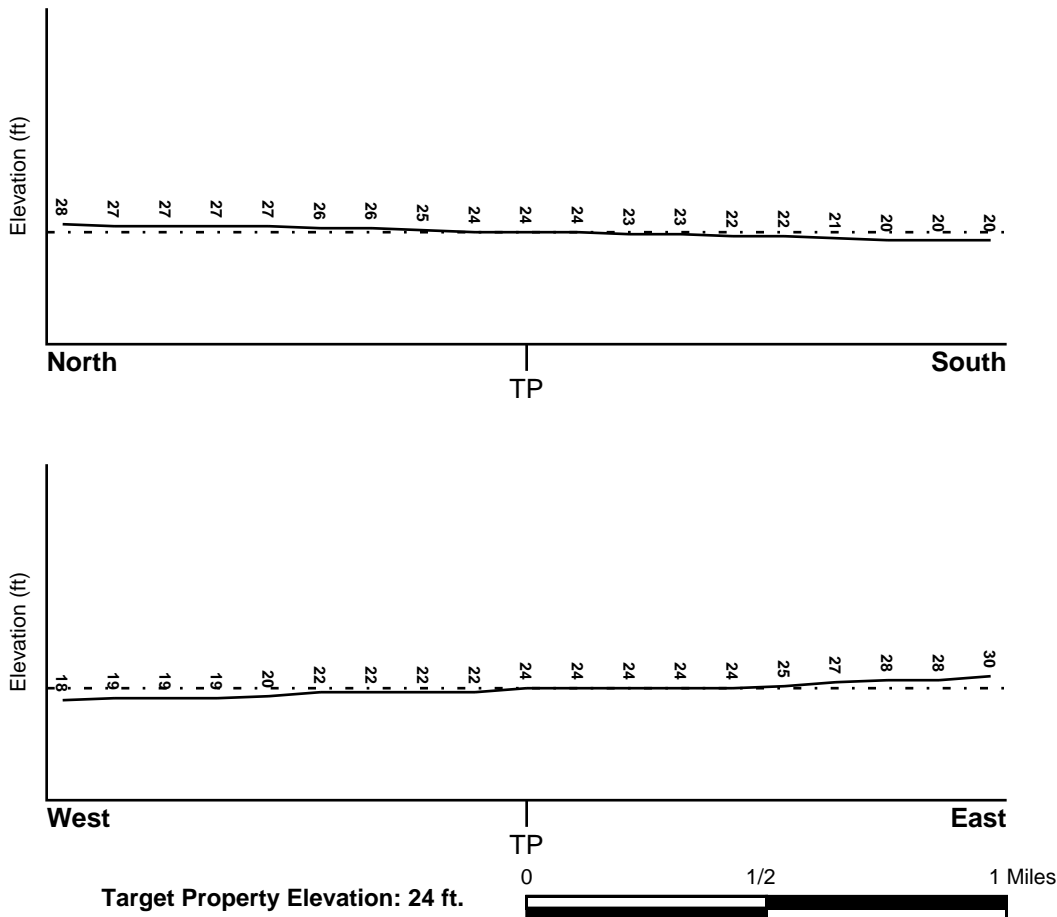
TOPOGRAPHIC INFORMATION

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 WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06037C2000F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06037C1990F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
LOS ALAMITOS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
E19	1/2 - 1 Mile WSW	Varies
1G	1/2 - 1 Mile WSW	Varies

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

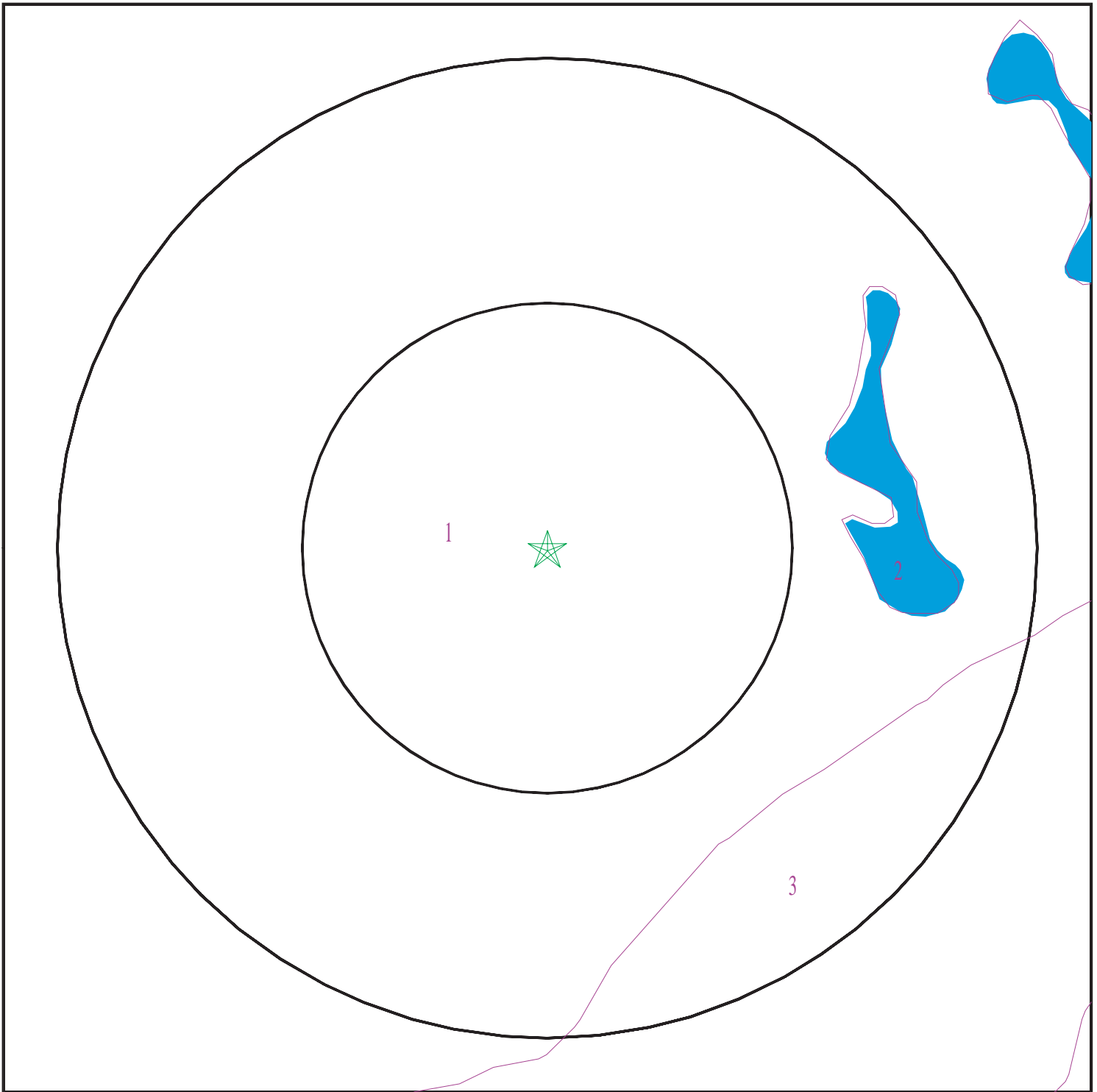
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

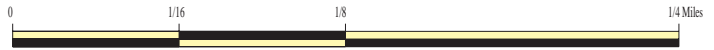
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7210849.5s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 045.10352_4665 Lampson Ave., Los Alamitos, CA
ADDRESS: 4665 Lampson Ave
Los Alamitos CA 90720
LAT/LONG: 33.78195 / 118.049258

CLIENT: EFI Global Inc.
CONTACT: Alberto Jimenez
INQUIRY #: 7210849.5s
DATE: December 22, 2022 1:54 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: HUENEME

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	27 inches	59 inches	stratified sand to silt loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: BOLSA

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	silt loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	11 inches	68 inches	silty clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
C9	USGS40000138072	1/2 - 1 Mile SSE
B10	USGS40000138122	1/2 - 1 Mile East
B12	USGS40000138121	1/2 - 1 Mile East
22	USGS40000138073	1/2 - 1 Mile SW
J105	USGS40000138035	1/2 - 1 Mile SE
M123	USGS40000138018	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
8	CA3900721	1/2 - 1 Mile ENE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CAEDF0000044128	1/8 - 1/4 Mile NNW
A2	CADWR9000005512	1/4 - 1/2 Mile NW
3	CADWR9000005502	1/4 - 1/2 Mile WNW
4	CADWR9000005536	1/4 - 1/2 Mile North
5	CADWR0000037937	1/2 - 1 Mile WSW
6	CADWR9000005545	1/2 - 1 Mile NNE
B7	CADWR0000009073	1/2 - 1 Mile East
B11	CAUSGSN00011871	1/2 - 1 Mile East
B13	CAUSGSN00002323	1/2 - 1 Mile East
B14	CALLNL000001380	1/2 - 1 Mile East
15	5275	1/2 - 1 Mile ESE
C16	CADWR9000005441	1/2 - 1 Mile SE
17	CADDW0000019668	1/2 - 1 Mile East
D18	CAEDF0000138576	1/2 - 1 Mile NNW
D20	CAEDF0000135527	1/2 - 1 Mile NNW
D21	CAEDF0000081460	1/2 - 1 Mile NNW
D23	CAEDF0000112820	1/2 - 1 Mile NNW
D24	CAEDF0000070674	1/2 - 1 Mile NNW
25	CADWR9000005488	1/2 - 1 Mile West
F26	CAEDF0000032455	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F27	CAEDF0000127373	1/2 - 1 Mile WSW
F28	CAEDF0000060699	1/2 - 1 Mile WSW
F29	CAEDF0000024421	1/2 - 1 Mile WSW
E30	CAEDF0000134109	1/2 - 1 Mile WSW
F31	CAEDF0000136963	1/2 - 1 Mile WSW
G32	CAEDF0000129850	1/2 - 1 Mile NNW
E33	CAEDF0000056220	1/2 - 1 Mile WSW
H34	6317	1/2 - 1 Mile SSE
F35	CAEDF0000013450	1/2 - 1 Mile WSW
F36	CAEDF0000056596	1/2 - 1 Mile WSW
F37	CAEDF0000107530	1/2 - 1 Mile WSW
F38	CAEDF0000038430	1/2 - 1 Mile WSW
F39	CAEDF0000002358	1/2 - 1 Mile WSW
F40	CAEDF0000058836	1/2 - 1 Mile WSW
G41	CAEDF0000112135	1/2 - 1 Mile NNW
F42	CAEDF0000066058	1/2 - 1 Mile WSW
F43	CAEDF0000011507	1/2 - 1 Mile WSW
G44	CAEDF0000114714	1/2 - 1 Mile NNW
I45	CAEDF0000137115	1/2 - 1 Mile NNW
F46	CAEDF0000078571	1/2 - 1 Mile WSW
G47	CAEDF0000125534	1/2 - 1 Mile NNW
G48	CAEDF0000132358	1/2 - 1 Mile NNW
G49	CAEDF0000080679	1/2 - 1 Mile NNW
G50	CAEDF0000085211	1/2 - 1 Mile NNW
F51	CAEDF0000079576	1/2 - 1 Mile WSW
F52	CAEDF0000067543	1/2 - 1 Mile WSW
F53	CAEDF0000015299	1/2 - 1 Mile WSW
G54	CAEDF0000135689	1/2 - 1 Mile NNW
G55	CAEDF0000128833	1/2 - 1 Mile NNW
G56	CAEDF0000018912	1/2 - 1 Mile NNW
G57	CAEDF0000032224	1/2 - 1 Mile NNW
I58	CAEDF0000053010	1/2 - 1 Mile NNW
I59	CAEDF0000047612	1/2 - 1 Mile NNW
I60	CAEDF0000000349	1/2 - 1 Mile NNW
G61	CAEDF0000087142	1/2 - 1 Mile NNW
F62	CAEDF0000118747	1/2 - 1 Mile WSW
F63	CAEDF0000088157	1/2 - 1 Mile WSW
F64	CAEDF0000108653	1/2 - 1 Mile WSW
G65	CADWR9000005553	1/2 - 1 Mile NNW
G66	CAEDF0000042432	1/2 - 1 Mile NNW
G67	CAEDF0000034083	1/2 - 1 Mile NNW
G68	CAEDF0000131408	1/2 - 1 Mile NNW
F69	CAEDF0000071447	1/2 - 1 Mile WSW
F70	CAEDF0000067360	1/2 - 1 Mile WSW
F71	CAEDF0000004635	1/2 - 1 Mile WSW
F72	CAEDF0000076254	1/2 - 1 Mile WSW
I73	CAEDF0000086521	1/2 - 1 Mile NNW
I74	CAEDF0000070481	1/2 - 1 Mile NNW
I75	CAEDF0000006478	1/2 - 1 Mile NNW
G76	CAEDF0000133348	1/2 - 1 Mile NNW
F77	CAEDF0000063248	1/2 - 1 Mile WSW
G78	CAEDF0000051041	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

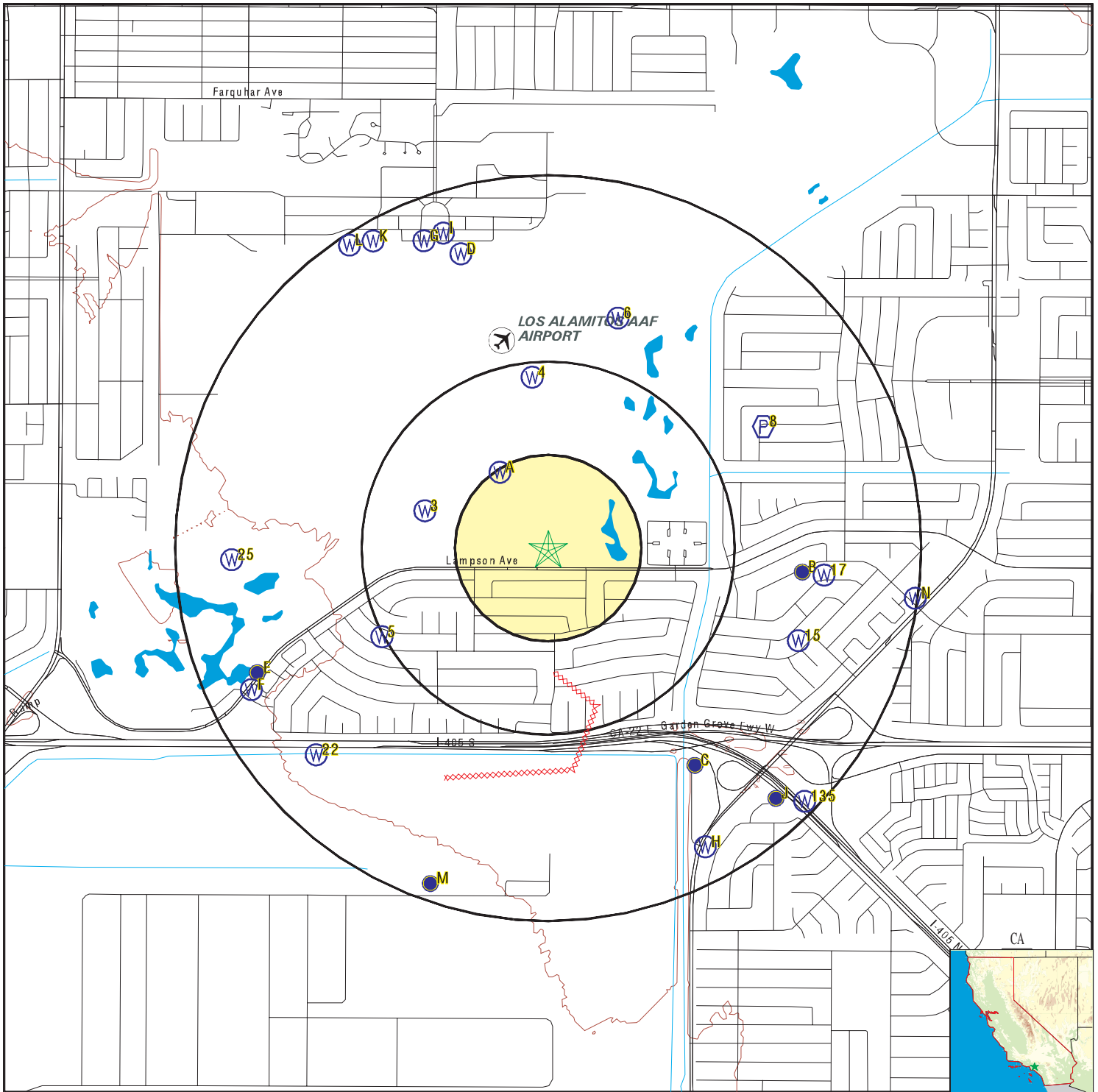
MAP ID	WELL ID	LOCATION FROM TP
G79	CAEDF0000125158	1/2 - 1 Mile NNW
I80	CAEDF0000051493	1/2 - 1 Mile NNW
I81	CAEDF0000000521	1/2 - 1 Mile NNW
I82	CAEDF0000128372	1/2 - 1 Mile NNW
I83	CAEDF0000068259	1/2 - 1 Mile NNW
I84	CAEDF0000068125	1/2 - 1 Mile NNW
J85	6312	1/2 - 1 Mile SE
I86	CAEDF0000130914	1/2 - 1 Mile NNW
F87	CAEDF0000100454	1/2 - 1 Mile WSW
F88	CAEDF0000101941	1/2 - 1 Mile WSW
F89	CAEDF0000000425	1/2 - 1 Mile WSW
F90	CAEDF0000059549	1/2 - 1 Mile WSW
J91	CADWR0000017087	1/2 - 1 Mile SE
J92	CADWR9000005436	1/2 - 1 Mile SE
F93	CAEDF0000116868	1/2 - 1 Mile WSW
G94	CAEDF0000057374	1/2 - 1 Mile NNW
I95	CAEDF0000062850	1/2 - 1 Mile NNW
G96	CAEDF0000103695	1/2 - 1 Mile NNW
G97	CAEDF0000131889	1/2 - 1 Mile NNW
G98	CAEDF0000024345	1/2 - 1 Mile NNW
I99	CAEDF0000123904	1/2 - 1 Mile NNW
G100	CAEDF0000107630	1/2 - 1 Mile NNW
H101	CADDW0000005941	1/2 - 1 Mile SSE
H102	CAPFAS000000378	1/2 - 1 Mile SSE
G103	CAEDF0000123949	1/2 - 1 Mile NNW
K104	CAEDF0000096475	1/2 - 1 Mile NNW
J106	CAUSGSN00016158	1/2 - 1 Mile SE
K107	CAEDF0000098261	1/2 - 1 Mile NNW
K108	CAEDF0000046653	1/2 - 1 Mile NNW
K109	CAEDF0000034126	1/2 - 1 Mile NNW
K110	CAEDF0000143797	1/2 - 1 Mile NNW
K111	CAEDF0000091810	1/2 - 1 Mile NNW
K112	CAEDF0000077065	1/2 - 1 Mile NNW
K113	CAEDF0000105231	1/2 - 1 Mile NNW
K114	CAEDF0000071506	1/2 - 1 Mile NNW
K115	CAEDF0000109587	1/2 - 1 Mile NNW
K116	CAEDF0000056669	1/2 - 1 Mile NNW
K117	CAEDF0000093768	1/2 - 1 Mile NNW
K118	CAEDF0000127533	1/2 - 1 Mile NNW
L119	CAEDF0000078031	1/2 - 1 Mile NNW
M120	CAUSGSN00001478	1/2 - 1 Mile SSW
K121	CAEDF0000128236	1/2 - 1 Mile NNW
K122	CAEDF0000083647	1/2 - 1 Mile NNW
K124	CAEDF0000099597	1/2 - 1 Mile NNW
K125	CAEDF0000081463	1/2 - 1 Mile NNW
K126	CAEDF0000090488	1/2 - 1 Mile NNW
K127	CAEDF0000079805	1/2 - 1 Mile NNW
K128	CAEDF0000131822	1/2 - 1 Mile NNW
L129	CAEDF0000040770	1/2 - 1 Mile NNW
K130	CAEDF0000089100	1/2 - 1 Mile NNW
L131	CAEDF0000054506	1/2 - 1 Mile NNW
L132	CAEDF0000088018	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
L133	CAEDF0000123753	1/2 - 1 Mile NNW
L134	CAEDF0000039109	1/2 - 1 Mile NNW
135	CADDW0000017962	1/2 - 1 Mile SE
K136	CAEDF0000102595	1/2 - 1 Mile NNW
K137	CAEDF0000072075	1/2 - 1 Mile NNW
L138	CAEDF0000052559	1/2 - 1 Mile NNW
L139	CAEDF0000074648	1/2 - 1 Mile NW
L140	CAEDF0000134119	1/2 - 1 Mile NNW
L141	CAEDF0000015504	1/2 - 1 Mile NW
N142	CAEDF0000132648	1/2 - 1 Mile East
L143	CAEDF0000077368	1/2 - 1 Mile NW
N144	CAEDF0000107175	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 7210849.5s



- 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: 045.10352 4665 Lampson Ave., Los Alamitos, CA
 ADDRESS: 4665 Lampson Ave
 Los Alamitos CA 90720
 LAT/LONG: 33.78195 / 118.049258

CLIENT: EFI Global Inc.
 CONTACT: Alberto Jimenez
 INQUIRY #: 7210849.5s
 DATE: December 22, 2022 1:54 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
NNW
1/8 - 1/4 Mile
Higher

CA WELLS CAEDF0000044128

Well ID:	T0605969865-SF-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SF-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=T0605969865&assigned_name=SF-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605969865&assigned_name=SF-1		

A2
NW
1/4 - 1/2 Mile
Higher

CA WELLS CADWR9000005512

State Well #:	04S11W32G002S	Station ID:	6128
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

3
WNW
1/4 - 1/2 Mile
Lower

CA WELLS CADWR9000005502

State Well #:	04S11W32F000S	Station ID:	38722
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

4
North
1/4 - 1/2 Mile
Higher

CA WELLS CADWR9000005536

State Well #:	04S11W29R001S	Station ID:	6122
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

5
WSW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000037937

Well ID:	04S11W32L001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	04S11W32L001S	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=04S11W32L001S&store_num=		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

6
NNE
1/2 - 1 Mile
Higher

CA WELLS CADWR9000005545

State Well #:	04S11W28N001S	Station ID:	39310
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

B7
East
1/2 - 1 Mile
Higher

CA WELLS CADWR0000009073

Well ID:	04S11W33L001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	04S11W33L001S	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=04S11W33L001S&store_num=		
GeoTracker Data:	Not Reported		

8
ENE
1/2 - 1 Mile
Higher

FRDS PWS CA3900721

Epa region:	09	State:	CA
Pwsid:	CA3900721	Pwsname:	WOODBRIIDGE MOBILE ESTATES
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06077
Status:	Active	Retpopsrvd:	110
Pwssvconn:	37	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	C/O CHILA PROPERTIES	Contactorgname:	WOODBRIIDGE MOBILE ESTATES
Contactphone:	Not Reported	Contactaddress1:	5392AMY AVE
Contactaddress2:	Not Reported	Contactcity:	GARDEN GROVE
Contactstate:	CA	Contactzip:	92845
Pwsactivitycode:	A		
PWS ID:	CA3900721	PWS name:	WOODBRIIDGE MOBILE ESTATES
Address:	Not Reported	Care of:	Not Reported
City:	GARDEN GROVE	State:	CA
Zip:	92645	Owner:	WOODBRIIDGE MOBILE ESTATES
Source code:	Ground water	Population:	110
PWS ID:	CA3900721	PWS type:	System Owner/Responsible Party
PWS name:	CHILA PROPERTIES CORP	PWS address:	Not Reported
PWS city:	GARDEN GROVE	PWS state:	CA
PWS zip:	92645	PWS name:	WOODBRIIDGE MOBILE ESTATES
PWS type code:	C	Retail population served:	110
Contact:	C/O CHILA PROPERTIES	Contact address:	5392AMY AVE
Contact address:	GARDEN GROVE	Contact city:	CA
Contact state:	92	Contact zip:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact telephone:	Not Reported		
PWS ID:	CA3900721	Activity status:	Active
Date system activated:	7706	Date system deactivated:	Not Reported
Retail population:	00000110	System name:	WOODBRIIDGE MOBILE ESTATES
System address:	CHILA PROPERTIES CORP	System address:	18645 N LOWER SACRAMENTO RD
System city:	WOODBRIIDGE	System state:	CA
System zip:	95258		
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	334712	Longitude:	1180218
Violation id:	0000001	Orig code:	S
State:	CA	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2000
Cmp edt:	02/29/2000		
Violation id:	0000002	Orig code:	S
State:	CA	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2000
Cmp edt:	03/31/2000		
Violation id:	0000003	Orig code:	S
State:	CA	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2000
Cmp edt:	08/31/2000		
Violation id:	0000004	Orig code:	S
State:	CA	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2000
Cmp edt:	09/30/2000		
Violation id:	0100005	Orig code:	S
State:	CA	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2001
Cmp edt:	05/31/2001		
Violation id:	0100006	Orig code:	S
State:	CA	Violation Year:	2001
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2001
Cmp edt:	Not Reported		
Violation id:	0200006	Orig code:	S
State:	CA	Violation Year:	2001
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2001
Cmp edt:	Not Reported		
Violation id:	0200007	Orig code:	S
State:	CA	Violation Year:	2000
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	51	Violation name:	Initial Tap Sampling for Pb and Cu
Rule code:	350	Rule name:	LCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2000
Cmp edt:	Not Reported		
Violation id:	0200008	Orig code:	S
State:	CA	Violation Year:	2000
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	51	Violation name:	Initial Tap Sampling for Pb and Cu
Rule code:	350	Rule name:	LCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2000
Cmp edt:	Not Reported		
Violation id:	0200009	Orig code:	S
State:	CA	Violation Year:	2002
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2002
Cmp edt:	Not Reported		
Violation id:	0500010	Orig code:	S
State:	CA	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/31/2004
Cmp edt:	12/31/2004		
Violation id:	0500011	Orig code:	S
State:	CA	Violation Year:	2005
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2005
Cmp edt:	Not Reported		
Violation id:	0700012	Orig code:	S
State:	CA	Violation Year:	2006
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2006
Cmp edt:	Not Reported		
Violation id:	0900013	Orig code:	S
State:	CA	Violation Year:	2008
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2008
Cmp edt:	Not Reported		
Violation id:	0900015	Orig code:	S
State:	CA	Violation Year:	2010
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2010
Cmp edt:	08/31/2010		
Violation id:	1000014	Orig code:	S
State:	CA	Violation Year:	2009
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2009
Cmp edt:	Not Reported		
Violation id:	1100016	Orig code:	S
State:	CA	Violation Year:	2011
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2011
Cmp edt:	Not Reported		
Violation id:	95V0001	Orig code:	F
State:	CA	Violation Year:	1993
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	51	Violation name:	Initial Tap Sampling for Pb and Cu
Rule code:	350	Rule name:	LCR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	07/01/1993
Cmp edt:	04/04/2000		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9300001	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Violation start date:	071593	Violation end date:	073193
Violation period (months):	001	Violation awareness date:	083093
Major violator:	Not Reported	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	0000001	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/10/2000
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	0000002	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/10/2000
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	0000002	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	03/01/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0000003	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0000004	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	09/01/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0100005	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	05/01/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0100006	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	07/01/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0200007	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	01/11/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	03/31/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	01/11/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0200009	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	07/01/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0500010	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	12/01/2004
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0500011	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	07/01/2005
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0700012	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	07/01/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0900013	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	07/01/2009
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	0900015	Orig Code:	S
Enforcement FY:	2010	Enforcement Action:	08/01/2010
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0900015	Orig Code:	S
Enforcement FY:	2010	Enforcement Action:	08/01/2010
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	1000014	Orig Code:	S
Enforcement FY:	2010	Enforcement Action:	07/01/2010
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1100016	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	07/01/2011
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1100016	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	07/01/2011
Enforcement Detail:	St Violation/Reminder Notice	Enforcement Category:	Informal
Violation ID:	95V0001	Orig Code:	F
Enforcement FY:	2000	Enforcement Action:	04/04/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
PWS name:	WOODBRIIDGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0000001
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	2/1/2000 0:00:00	Compliance end date:	2/29/2000 0:00:00
Enforcement date:	2/10/2000 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		
PWS name:	WOODBRIIDGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0000002
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	3/1/2000 0:00:00	Compliance end date:	3/31/2000 0:00:00
Enforcement date:	2/10/2000 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		
PWS name:	WOODBRIIDGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0000002
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	3/1/2000 0:00:00	Compliance end date:	3/31/2000 0:00:00
Enforcement date:	3/1/2000 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	WOODBRIIDGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0000003
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	8/1/2000 0:00:00	Compliance end date:	8/31/2000 0:00:00
Enforcement date:	8/1/2000 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	WOODBRIIDGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0000004
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	9/1/2000 0:00:00	Compliance end date:	9/30/2000 0:00:00
Enforcement date:	9/1/2000 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS name:	WOODBRIAGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0100005
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	5/1/2001 0:00:00	Compliance end date:	5/31/2001 0:00:00
Enforcement date:	5/1/2001 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	WOODBRIAGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0100006
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2001 0:00:00	Compliance end date:	7/1/2001 0:00:00
Enforcement date:	7/1/2001 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	WOODBRIAGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0200008
Contaminant:	LEAD & COPPER RULE	Violation type:	Initial Tap Sampling for Pb and Cu
Compliance start date:	4/1/2000 0:00:00	Compliance end date:	3/31/2002 0:00:00
Enforcement date:	1/11/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	WOODBRIAGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0200008
Contaminant:	LEAD & COPPER RULE	Violation type:	Initial Tap Sampling for Pb and Cu
Compliance start date:	4/1/2000 0:00:00	Compliance end date:	3/31/2002 0:00:00
Enforcement date:	3/31/2002 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	WOODBRIAGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0200009
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2002 0:00:00	Compliance end date:	7/1/2002 0:00:00
Enforcement date:	7/1/2002 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	WOODBRIAGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0500010
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	12/1/2004 0:00:00	Compliance end date:	12/31/2004 0:00:00
Enforcement date:	12/1/2004 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	WOODBRIAGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	0500011
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2005 0:00:00	Compliance end date:	7/1/2005 0:00:00
Enforcement date:	7/1/2005 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	WOODBRIAGE MOBILE ESTATES	Population served:	110
PWS type code:	C	Violation ID:	95V0001
Contaminant:	LEAD & COPPER RULE	Violation type:	Initial Tap Sampling for Pb and Cu
Compliance start date:	7/1/1993 0:00:00	Compliance end date:	4/4/2000 0:00:00
Enforcement date:	4/4/2000 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C9
SSE
1/2 - 1 Mile
Higher

FED USGS USGS40000138072

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S011W05A001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	140
Well Depth Units:	ft	Well Hole Depth:	140
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1928-09-01
Feet below surface:	8.00	Feet to sea level:	Not Reported
Note:	Not Reported		

B10
East
1/2 - 1 Mile
Higher

FED USGS USGS40000138122

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S011W33F001S	Type:	Well
Description:	NAWQA DATA ENTRY COM.+ VER.9-25-2000 SNHAMLIN		
HUC:	18070203	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Quaternary Alluvium	Aquifer Type:	Unconfined single aquifer
Construction Date:	19991117	Well Depth:	23.5
Well Depth Units:	ft	Well Hole Depth:	23.5
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	2000-08-01
Feet below surface:	6.46	Feet to sea level:	Not Reported
Note:	Not Reported		

B11
East
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00011871

Well ID:	USGS-334652118021501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334652118021501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&s_amp_date=&global_id=&assigned_name=USGS-334652118021501&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B12
East
1/2 - 1 Mile
Higher

FED USGS USGS40000138121

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S011W33L001S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19640609	Well Depth:	864
Well Depth Units:	ft	Well Hole Depth:	1000
Well Hole Depth Units:	ft		

B13
East
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00002323

Well ID:	USGS-334652118021401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334652118021401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334652118021401&store_num=		
GeoTracker Data:	Not Reported		

B14
East
1/2 - 1 Mile
Higher

CA WELLS CALLNL000001380

Well ID:	100700	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	04S/11W-33L01 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Tritium (Hydrogen 3)	Results:	0
Units:	pCi/L	Date:	11/01/2001

Chemical:	Xenon	Results:	.0000000111382
Units:	cm3STP/g	Date:	05/09/2001

Chemical:	Argon	Results:	.000370516
Units:	cm3STP/g	Date:	05/09/2001

Chemical:	Krypton	Results:	.0000000818653
Units:	cm3STP/g	Date:	05/09/2001

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	Helium-4	Results:	.0000000534649
Units:	cm3STP/g	Date:	05/09/2001
Chemical:	Helium-3/Helium-4	Results:	.00000137526
Units:	atom ratio	Date:	05/09/2001
Chemical:	Neon	Results:	.000000245799
Units:	cm3STP/g	Date:	05/09/2001

**15
ESE
1/2 - 1 Mile
Higher**

CA WELLS 5275

Seq:	5275	Prim sta c:	04S/11W-33L01 S
Frds no:	3010062006	County:	30
District:	08	User id:	TEE
System no:	3010062	Water type:	G
Source nam:	WELL 016 - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334642.3	Longitude:	1180212.4
Precision:	2	Status:	AT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010062	System nam:	City Of Garden Grove
Hqname:	GARDEN GROVE WATER DEPT	Address:	13802 NEWHOPE
City:	GARDEN GROVE	State:	CA
Zip:	92642	Zip ext:	Not Reported
Pop serv:	151807	Connection:	33251
Area serve:	GARDEN GROVE		
Sample date:	21-FEB-18	Finding:	545.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-FEB-18	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	21-FEB-18	Finding:	173.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	173.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	0.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	21-FEB-18	Finding:	204.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	63.1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	11.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	37.8
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	2.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	28.6
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	61.6
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-FEB-18	Finding:	0.46
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	21-FEB-18	Finding:	2.8
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-FEB-18	Finding:	182.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	21-FEB-18	Finding:	36.6
Chemical:	MANGANESE	Report units:	UG/L
Dir:	20.		
Sample date:	21-FEB-18	Finding:	314.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	0.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	21-FEB-18	Finding:	0.71
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	21-FEB-18	Finding:	6.71
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	21-FEB-18	Finding:	2.15
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	3.9e-002
Chemical:	RADIUM 226	Report units:	PCI/L
Dir:	1.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	21-FEB-18	Finding:	7.7e-002
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	0.691
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	5.25
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	21-FEB-18	Finding:	1.6
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	1.28
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	0.342
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	0.304
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	0.383
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	544.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-FEB-18	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	21-FEB-18	Finding:	174.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	174.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	0.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	21-FEB-18	Finding:	202.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	62.5
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	11.
Chemical:	MAGNESIUM	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	21-FEB-18	Finding:	37.6
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	2.7
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	28.3
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	61.2
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-FEB-18	Finding:	0.46
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	21-FEB-18	Finding:	2.7
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-FEB-18	Finding:	152.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	21-FEB-18	Finding:	34.4
Chemical:	MANGANESE	Report units:	UG/L
Dir:	20.		
Sample date:	21-FEB-18	Finding:	360.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	21-FEB-18	Finding:	0.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	21-FEB-18	Finding:	0.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-APR-15	Finding:	2.14
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-APR-15	Finding:	480.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-APR-14	Finding:	217.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	203.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	02-APR-14	Finding:	62.5
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	11.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	35.5
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	2.7
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	27.6
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	57.6
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	02-APR-14	Finding:	0.47
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	02-APR-14	Finding:	3.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	02-APR-14	Finding:	116.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	02-APR-14	Finding:	23.
Chemical:	MANGANESE	Report units:	UG/L
Dir:	20.		
Sample date:	02-APR-14	Finding:	51.9
Chemical:	ALUMINUM	Report units:	UG/L
Dir:	50.		
Sample date:	02-APR-14	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	2.03
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-APR-14	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	02-APR-14	Finding:	460.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-APR-14	Finding:	6.5
Chemical:	GROSS ALPHA	Report units:	PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	3.		
Sample date:	02-APR-14	Finding:	2.01
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	0.61
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	4.17
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	02-APR-14	Finding:	1.14
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	0.378
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	0.215
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	0.418
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dir:	0.
Sample date:	02-APR-14	Finding:	178.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	02-APR-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	02-APR-14	Finding:	518.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	03-APR-13	Finding:	440.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		

**C16
SE
1/2 - 1 Mile
Higher**

CA WELLS CADWR9000005441

State Well #:	05S11W04D002S	Station ID:	6192
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**17
East
1/2 - 1 Mile
Higher**

CA WELLS CADDW0000019668

Well ID:	3010062-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 016-STANDBY SINCE 12/04/2015		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3010062-006&store_num=		
GeoTracker Data:	Not Reported		

**D18
NNW
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000138576

Well ID:	DOD100015700-P26-1	Well Type:	MONITORING
Source:	EDF	Other Name:	P26-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015700&assigned_name=P26-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015700&assigned_name=P26-1		

**E19
WSW
1/2 - 1 Mile
Lower**

AQUIFLOW 52036

Site ID:	083001080T
Groundwater Flow:	Varies
Shallow Water Depth:	4
Deep Water Depth:	11
Average Water Depth:	Not Reported
Date:	04/16/1995

**D20
NNW
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000135527

Well ID:	DOD100015700-O25-1	Well Type:	MONITORING
Source:	EDF	Other Name:	O25-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015700&assigned_name=O25-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015700&assigned_name=O25-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D21
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000081460

Well ID:	DOD100015700-O24-7	Well Type:	MONITORING
Source:	EDF	Other Name:	O24-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015700&assigned_name=O24-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015700&assigned_name=O24-7		

22
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000138073

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S011W06A001S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	975
Well Depth Units:	ft	Well Hole Depth:	1030
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1928-09-01
Feet below surface:	0.00	Feet to sea level:	Not Reported
Note:	Not Reported		

D23
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000112820

Well ID:	DOD100015700-O24-1B	Well Type:	MONITORING
Source:	EDF	Other Name:	O24-1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015700&assigned_name=O24-1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015700&assigned_name=O24-1B		

D24
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000070674

Well ID:	DOD100015700-O24-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	O24-1A

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015700&assigned_name=O24-1A&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015700&assigned_name=O24-1A

25
West
1/2 - 1 Mile
Lower

CA WELLS CADWR9000005488

State Well #:	04S11W32G003S	Station ID:	6129
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

F26
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000032455

Well ID:	T0605924193-MW10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW10		

F27
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000127373

Well ID:	T0605924193-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW9		

F28
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000060699

Well ID:	T0605924193-MW3A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW3A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW3A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F29
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000024421

Well ID:	T0605924193-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=T0605924193&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW3		

E30
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000134109

Well ID:	T0605924193-MW14D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW14D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW14D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW14D		

F31
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000136963

Well ID:	T0605924193-MW8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW8		

G32
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000129850

Well ID:	DOD100015800-O21-1	Well Type:	MONITORING
Source:	EDF	Other Name:	O21-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015800&assigned_name=O21-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015800&assigned_name=O21-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E33
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000056220

Well ID:	T0605924193-MW14E	Well Type:	MONITORING
Source:	EDF	Other Name:	MW14E
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW14E&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW14E		

H34
SSE
1/2 - 1 Mile
Lower

CA WELLS 6317

Seq:	6317	Prim sta c:	05S/11W-05H01 S
Frds no:	3010041002	County:	30
District:	08	User id:	TEE
System no:	3010041	Water type:	G
Source nam:	BOLSA CHICA WELL	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334614.5	Longitude:	1180230.8
Precision:	2	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010041	System nam:	City Of Seal Beach
Hqname:	Not Reported	Address:	211 Eighth Street
City:	Seal Beach	State:	CA
Zip:	90740	Zip ext:	Not Reported
Pop serv:	25098	Connection:	5038
Area serve:	SEAL BEACH		
Sample date:	16-JAN-18	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-JAN-18	Finding:	4.02
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	16-JAN-18	Finding:	1.88
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	16-JAN-18	Finding:	7.9e-002
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	16-JAN-18	Finding:	0.734
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	16-JAN-18	Finding:	2.32

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical: Dir:	URANIUM (PCI/L) 1.	Report units:	PCI/L
Sample date: Chemical: Dir:	16-JAN-18 URANIUM COUNTING ERROR 0.	Finding: Report units:	0.949 PCI/L
Sample date: Chemical: Dir:	16-JAN-18 GROSS ALPHA MDA95 0.	Finding: Report units:	1.28 PCI/L
Sample date: Chemical: Dir:	16-JAN-18 URANIUM MDA95 0.	Finding: Report units:	0.342 PCI/L
Sample date: Chemical: Dir:	16-JAN-18 RADIUM 226 MDA95 0.	Finding: Report units:	0.322 PCI/L
Sample date: Chemical: Dir:	16-JAN-18 RADIUM 228 MDA95 0.	Finding: Report units:	0.4 PCI/L
Sample date: Chemical: Dir:	16-JAN-18 SPECIFIC CONDUCTANCE 0.	Finding: Report units:	408. US
Sample date: Chemical: Dir:	16-JAN-18 PH, LABORATORY 0.	Finding: Report units:	8.1 Not Reported
Sample date: Chemical: Dir:	16-JAN-18 ALKALINITY (TOTAL) AS CaCO3 0.	Finding: Report units:	177. MG/L
Sample date: Chemical: Dir:	16-JAN-18 BICARBONATE ALKALINITY 0.	Finding: Report units:	216. MG/L
Sample date: Chemical: Dir:	16-JAN-18 HARDNESS (TOTAL) AS CaCO3 0.	Finding: Report units:	127. MG/L
Sample date: Chemical: Dir:	16-JAN-18 CALCIUM 0.	Finding: Report units:	38.2 MG/L
Sample date: Chemical: Dir:	16-JAN-18 MAGNESIUM 0.	Finding: Report units:	7.8 MG/L
Sample date: Chemical: Dir:	16-JAN-18 SODIUM 0.	Finding: Report units:	39.8 MG/L
Sample date: Chemical: Dir:	16-JAN-18 POTASSIUM 0.	Finding: Report units:	2.3 MG/L
Sample date: Chemical: Dir:	16-JAN-18 CHLORIDE 0.	Finding: Report units:	12.1 MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-JAN-18	Finding:	35.2
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	16-JAN-18	Finding:	0.46
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	16-JAN-18	Finding:	3.3
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	02-FEB-15	Finding:	388.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	02-FEB-15	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	02-FEB-15	Finding:	151.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-15	Finding:	184.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-15	Finding:	104.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-15	Finding:	31.8
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-15	Finding:	228.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-15	Finding:	44.1
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-15	Finding:	1.9
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-15	Finding:	12.1
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-15	Finding:	35.2
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	02-FEB-15	Finding:	0.42
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	02-FEB-15	Finding:	6.
Chemical:	MAGNESIUM	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	30-JAN-14	Finding:	391.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	30-JAN-14	Finding:	1.33
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	30-JAN-14	Finding:	0.497
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	30-JAN-14	Finding:	0.363
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0	Dir:	0.
Report units:	PCI/L		
Sample date:	30-JAN-14	Finding:	0.883
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	30-JAN-14	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	30-JAN-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	30-JAN-14	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	30-JAN-14	Finding:	0.137
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dir:	0.		
Sample date:	30-JAN-14	Finding:	2.39
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	03-DEC-13	Finding:	391.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	24-JAN-12	Finding:	395.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	24-JAN-12	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	24-JAN-12	Finding:	148.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	24-JAN-12	Finding:	181.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	24-JAN-12	Finding:	107.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	24-JAN-12	Finding:	33.3
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-JAN-12	Finding:	233.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	24-JAN-12	Finding:	48.5
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-JAN-12	Finding:	1.8
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-JAN-12	Finding:	12.9
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	24-JAN-12	Finding:	37.6
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	24-JAN-12	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	24-JAN-12	Finding:	5.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

F35
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000013450

Well ID:	T0605924193-MW13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW13		

F36
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000056596

Well ID:	T0605924193-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=T0605924193&assigned_name=MW2&store_num=		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW2

F37
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000107530

Well ID:	T0605924193-MW2M	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2M
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW2M&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW2M		

F38
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000038430

Well ID:	T0605924193-MW2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW2A		

F39
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000002358

Well ID:	T0605924193-MW2D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW2D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW2D		

F40
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000058836

Well ID:	T0605924193-MW4A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW4A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G41
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000112135

Well ID:	T0605900572-N22-3	Well Type:	MONITORING
Source:	EDF	Other Name:	N22-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N22-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N22-3		

F42
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000066058

Well ID:	T0605924193-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=T0605924193&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW1		

F43
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000011507

Well ID:	T0605924193-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=T0605924193&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW4		

G44
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000114714

Well ID:	T0605900572-N23-22	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-22		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I45
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000137115

Well ID:	T0605900572-N24-1	Well Type:	MONITORING
Source:	EDF	Other Name:	N24-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N24-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N24-1		

F46
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000078571

Well ID:	T0605924193-MW1A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW1A		

G47
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000125534

Well ID:	T0605900572-N23-24	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-24		

G48
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000132358

Well ID:	T0605900572-N23-14B	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-14B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-14B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-14B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G49
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000080679

Well ID:	T0605900572-N23-2	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-2		

G50
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000085211

Well ID:	T0605900572-N23-10	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-10		

F51
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000079576

Well ID:	T0605924193-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW5		

F52
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000067543

Well ID:	T0605924193-MW12M	Well Type:	MONITORING
Source:	EDF	Other Name:	MW12M
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW12M&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW12M		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F53
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000015299

Well ID:	T0605924193-MW12D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW12D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW12D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW12D		

G54
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000135689

Well ID:	T0605900572-N23-19B	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-19B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-19B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-19B		

G55
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000128833

Well ID:	T0605900572-N23-18A	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-18A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-18A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-18A		

G56
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000018912

Well ID:	T0605900572-N23-19A	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-19A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-19A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-19A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G57
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000032224

Well ID:	DOD100015800-N21-4	Well Type:	MONITORING
Source:	EDF	Other Name:	N21-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015800&assigned_name=N21-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015800&assigned_name=N21-4		

I58
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000053010

Well ID:	T0605900572-N23-25	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-25		

I59
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000047612

Well ID:	T0605900572-N23-15A	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-15A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-15A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-15A		

I60
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000000349

Well ID:	T0605900572-N23-15B	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-15B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-15B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-15B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G61
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000087142

Well ID:	T0605900572-N23-18B	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-18B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-18B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-18B		

F62
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000118747

Well ID:	T0605924193-MW12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW12		

F63
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000088157

Well ID:	T0605924193-MW12E	Well Type:	MONITORING
Source:	EDF	Other Name:	MW12E
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW12E&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW12E		

F64
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000108653

Well ID:	T0605924193-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G65
NNW
1/2 - 1 Mile
Higher

CA WELLS CADWR9000005553

State Well #:	04S11W29L003S	Station ID:	6121
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

G66
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000042432

Well ID:	T0605900572-N23-9	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-9		

G67
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000034083

Well ID:	T0605900572-N23-8	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-8		

G68
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000131408

Well ID:	T0605900572-N23-7	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F69
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000071447

Well ID:	T0605924193-MW15M	Well Type:	MONITORING
Source:	EDF	Other Name:	MW15M
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW15M&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW15M		

F70
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000067360

Well ID:	T0605924193-MW15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW15		

F71
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000004635

Well ID:	T0605924193-MW15D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW15D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW15D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW15D		

F72
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000076254

Well ID:	T0605924193-MW15E	Well Type:	MONITORING
Source:	EDF	Other Name:	MW15E
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW15E&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW15E		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I73
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000086521

Well ID:	T0605900572-N23-20A	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-20A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-20A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-20A		

I74
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000070481

Well ID:	T0605900572-N23-17	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-17		

I75
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000006478

Well ID:	T0605900572-N23-3	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-3		

G76
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000133348

Well ID:	DOD100015800-O21-2	Well Type:	MONITORING
Source:	EDF	Other Name:	O21-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015800&assigned_name=O21-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015800&assigned_name=O21-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F77
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000063248

Well ID:	T0605924193-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW6		

G78
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000051041

Well ID:	DOD100015800-N21-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	N21-1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015800&assigned_name=N21-1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015800&assigned_name=N21-1A		

G79
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000125158

Well ID:	DOD100015800-N21-1B	Well Type:	MONITORING
Source:	EDF	Other Name:	N21-1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015800&assigned_name=N21-1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015800&assigned_name=N21-1B		

I80
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000051493

Well ID:	T0605900572-N23-20B	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-20B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-20B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-20B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I81
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF000000521

Well ID:	T0605900572-N23-21A	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-21A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-21A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-21A		

I82
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000128372

Well ID:	T0605900572-N23-16B	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-16B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-16B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-16B		

I83
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000068259

Well ID:	T0605900572-N23-16A	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-16A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-16A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-16A		

I84
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000068125

Well ID:	T0605900572-N23-21B	Well Type:	MONITORING
Source:	EDF	Other Name:	N23-21B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N23-21B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N23-21B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J85
SE
1/2 - 1 Mile
Higher

CA WELLS 6312

Seq:	6312	Prim sta c:	05S/11W-02Q06 S
Frds no:	3010064015	County:	30
District:	08	User id:	TEE
System no:	3010064	Water type:	G
Source nam:	WELL OC-02 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334620.7	Longitude:	1180217.7
Precision:	2	Status:	IU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010064	System nam:	City Of Westminster
Hqname:	Not Reported	Address:	8200 Westminster Boulevard
City:	Westminster	State:	CA
Zip:	92683	Zip ext:	Not Reported
Pop serv:	82536	Connection:	19572
Area serve:	WESTMINISTER		

I86
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000130914

Well ID:	T0605900572-M23-1	Well Type:	MONITORING
Source:	EDF	Other Name:	M23-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=M23-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=M23-1		

F87
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000100454

Well ID:	T0605924193-MW11M	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11M
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW11M&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW11M		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F88
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000101941

Well ID:	T0605924193-MW11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW11		

F89
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000000425

Well ID:	T0605924193-MW11E	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11E
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW11E&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW11E		

F90
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000059549

Well ID:	T0605924193-MW11D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW11D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW11D		

J91
SE
1/2 - 1 Mile
Higher

CA WELLS CADWR0000017087

Well ID:	05S11W04D001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S11W04D001S	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=05S11W04D001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J92
SE
1/2 - 1 Mile
Higher

CA WELLS CADWR9000005436

State Well #:	05S11W04D001S	Station ID:	28471
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

F93
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000116868

Well ID:	T0605924193-MW16D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW16D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605924193&assigned_name=MW16D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605924193&assigned_name=MW16D		

G94
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000057374

Well ID:	DOD100015800-N20-3	Well Type:	MONITORING
Source:	EDF	Other Name:	N20-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015800&assigned_name=N20-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015800&assigned_name=N20-3		

I95
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000062850

Well ID:	T0605900572-M24-1	Well Type:	MONITORING
Source:	EDF	Other Name:	M24-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=M24-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=M24-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G96
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000103695

Well ID:	DOD100015800-N21-3	Well Type:	MONITORING
Source:	EDF	Other Name:	N21-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015800&assigned_name=N21-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015800&assigned_name=N21-3		

G97
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000131889

Well ID:	T0605900572-N22-1	Well Type:	MONITORING
Source:	EDF	Other Name:	N22-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N22-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N22-1		

G98
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000024345

Well ID:	T0605900572-N22-4	Well Type:	MONITORING
Source:	EDF	Other Name:	N22-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=N22-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=N22-4		

I99
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000123904

Well ID:	T0605900572-M24-3	Well Type:	MONITORING
Source:	EDF	Other Name:	M24-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900572&assigned_name=M24-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900572&assigned_name=M24-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G100
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000107630

Well ID:	DOD100015900-N20-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	N20-1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015900&assigned_name=N20-1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015900&assigned_name=N20-1A		

H101
SSE
1/2 - 1 Mile
Lower

CA WELLS CADDW0000005941

Well ID:	3010041-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	BOLSA CHICA WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3010041-002&store_num=		
GeoTracker Data:	Not Reported		

H102
SSE
1/2 - 1 Mile
Lower

CA WELLS CAPFAS000000378

Well ID:	3010041-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	BOLSA CHICA WELL	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3010041-002&store_num=		
GeoTracker Data:	Not Reported		

G103
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000123949

Well ID:	DOD100015900-N20-1B	Well Type:	MONITORING
Source:	EDF	Other Name:	N20-1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100015900&assigned_name=N20-1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100015900&assigned_name=N20-1B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K104
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000096475

Well ID:	T0605912556-N19-9	Well Type:	MONITORING
Source:	EDF	Other Name:	N19-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605912556&assigned_name=N19-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605912556&assigned_name=N19-9		

J105
SE
1/2 - 1 Mile
Higher

FED USGS USGS40000138035

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S011W04D001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19500101	Well Depth:	510
Well Depth Units:	ft	Well Hole Depth:	528
Well Hole Depth Units:	ft		

J106
SE
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00016158

Well ID:	USGS-334620118021401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334620118021401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334620118021401&store_num=		
GeoTracker Data:	Not Reported		

K107
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000098261

Well ID:	T0605912556-N19-8	Well Type:	MONITORING
Source:	EDF	Other Name:	N19-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605912556&assigned_name=N19-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605912556&assigned_name=N19-8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K108
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000046653

Well ID: DOD100016000-O18-2 Well Type: MONITORING
 Source: EDF Other Name: O18-2
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=O18-2&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=O18-2

K109
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000034126

Well ID: DOD100016000-O18-1 Well Type: MONITORING
 Source: EDF Other Name: O18-1
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=O18-1&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=O18-1

K110
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000143797

Well ID: T0605912556-N19-4 Well Type: MONITORING
 Source: EDF Other Name: N19-4
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605912556&assigned_name=N19-4&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605912556&assigned_name=N19-4

K111
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000091810

Well ID: DOD100016000-O18-3B Well Type: MONITORING
 Source: EDF Other Name: O18-3B
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=O18-3B&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=O18-3B

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K112
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000077065

Well ID: DOD100016000-O18-3A Well Type: MONITORING
 Source: EDF Other Name: O18-3A
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=O18-3A&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=O18-3A

K113
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000105231

Well ID: T0605912556-N19-1 Well Type: MONITORING
 Source: EDF Other Name: N19-1
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605912556&assigned_name=N19-1&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605912556&assigned_name=N19-1

K114
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000071506

Well ID: T0605912556-N19-3 Well Type: MONITORING
 Source: EDF Other Name: N19-3
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605912556&assigned_name=N19-3&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605912556&assigned_name=N19-3

K115
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000109587

Well ID: DOD100016000-N18-6 Well Type: MONITORING
 Source: EDF Other Name: N18-6
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N18-6&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N18-6

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K116
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000056669

Well ID:	DOD100016000-N18-3	Well Type:	MONITORING
Source:	EDF	Other Name:	N18-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N18-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N18-3		

K117
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000093768

Well ID:	T0605912556-N19-5	Well Type:	MONITORING
Source:	EDF	Other Name:	N19-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605912556&assigned_name=N19-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605912556&assigned_name=N19-5		

K118
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000127533

Well ID:	DOD100016000-N18-4	Well Type:	MONITORING
Source:	EDF	Other Name:	N18-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N18-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N18-4		

L119
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000078031

Well ID:	DOD100016000-O17-5	Well Type:	MONITORING
Source:	EDF	Other Name:	O17-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=O17-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=O17-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M120
SSW
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00001478

Well ID:	USGS-334608118031401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334608118031401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334608118031401&store_num=		
GeoTracker Data:	Not Reported		

K121
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000128236

Well ID:	T0605912556-M19-2	Well Type:	MONITORING
Source:	EDF	Other Name:	M19-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605912556&assigned_name=M19-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605912556&assigned_name=M19-2		

K122
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000083647

Well ID:	DOD100016000-N18-5	Well Type:	MONITORING
Source:	EDF	Other Name:	N18-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N18-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N18-5		

M123
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000138018

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S011W05F001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	120
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K124
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000099597

Well ID:	T0605912556-N19-2	Well Type:	MONITORING
Source:	EDF	Other Name:	N19-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605912556&assigned_name=N19-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605912556&assigned_name=N19-2		

K125
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000081463

Well ID:	DOD100016000-N17-6	Well Type:	MONITORING
Source:	EDF	Other Name:	N17-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N17-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N17-6		

K126
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000090488

Well ID:	DOD100016000-N18-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	N18-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N18-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N18-2A		

K127
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000079805

Well ID:	DOD100016000-N17-5	Well Type:	MONITORING
Source:	EDF	Other Name:	N17-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N17-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N17-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K128
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000131822

Well ID: DOD100016000-N18-1 Well Type: MONITORING
 Source: EDF Other Name: N18-1
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N18-1&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N18-1

L129
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000040770

Well ID: DOD100016000-N17-4 Well Type: MONITORING
 Source: EDF Other Name: N17-4
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N17-4&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N17-4

K130
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000089100

Well ID: T0605912556-M20-1 Well Type: MONITORING
 Source: EDF Other Name: M20-1
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605912556&assigned_name=M20-1&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605912556&assigned_name=M20-1

L131
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000054506

Well ID: DOD100016000-N17-3 Well Type: MONITORING
 Source: EDF Other Name: N17-3
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N17-3&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N17-3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L132
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000088018

Well ID:	DOD100016000-N17-1B	Well Type:	MONITORING
Source:	EDF	Other Name:	N17-1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N17-1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N17-1B		

L133
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000123753

Well ID:	DOD100016000-O17-4	Well Type:	MONITORING
Source:	EDF	Other Name:	O17-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=O17-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=O17-4		

L134
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000039109

Well ID:	DOD100016000-N17-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	N17-1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N17-1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N17-1A		

135
SE
1/2 - 1 Mile
Higher

CA WELLS CADDW0000017962

Well ID:	3010064-014	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 124 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3010064-014&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K136
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000102595

Well ID:	DOD100016000-N17-2	Well Type:	MONITORING
Source:	EDF	Other Name:	N17-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N17-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N17-2		

K137
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000072075

Well ID:	DOD100016000-N18-2B	Well Type:	MONITORING
Source:	EDF	Other Name:	N18-2B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N18-2B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N18-2B		

L138
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000052559

Well ID:	DOD100016000-N17-12	Well Type:	MONITORING
Source:	EDF	Other Name:	N17-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N17-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N17-12		

L139
NW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000074648

Well ID:	DOD100016000-N16-14	Well Type:	MONITORING
Source:	EDF	Other Name:	N16-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N16-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N16-14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

**L140
NNW
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000134119

Well ID:	DOD100016000-N17-15	Well Type:	MONITORING
Source:	EDF	Other Name:	N17-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N17-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N17-15		

**L141
NW
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000015504

Well ID:	DOD100016000-N16-13	Well Type:	MONITORING
Source:	EDF	Other Name:	N16-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N16-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N16-13		

**N142
East
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000132648

Well ID:	T0605901445-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=T0605901445&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901445&assigned_name=MW-4		

**L143
NW
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000077368

Well ID:	DOD100016000-N16-12	Well Type:	MONITORING
Source:	EDF	Other Name:	N16-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=DOD100016000&assigned_name=N16-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=DOD100016000&assigned_name=N16-12		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N144
East
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000107175

Well ID:	T0605901445-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=T0605901445&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901445&assigned_name=MW-2		

1G
WSW
1/2 - 1 Mile
Lower

Site ID:	083001080T
Groundwater Flow:	Varies
Shallow Water Depth:	4
Deep Water Depth:	11
Average Water Depth:	Not Reported
Date:	04/16/1995

AQUIFLOW 52036

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90720	34	0

Federal EPA Radon Zone for ORANGE County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX IV
HISTORICAL DOCUMENTATION

045.092##_4665 Lampson Avenue

4665 Lampson Avenue

Los Alamitos, CA 90720

Inquiry Number: 7035967.8

June 30, 2022

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

06/30/22

Site Name:

045.092##_4665 Lampson Ave
4665 Lampson Avenue
Los Alamitos, CA 90720
EDR Inquiry # 7035967.8

Client Name:

EFI Global Inc.
5261 West Imperial Highway
Los Angeles, CA 90045
Contact: Diana Arellano



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1988	1"=500'	Flight Date: September 13, 1988	USDA
1977	1"=500'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 30, 1972	USGS
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: November 18, 1952	USDA
1947	1"=500'	Flight Date: June 17, 1947	FAIR
1938	1"=500'	Flight Date: June 21, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR

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INQUIRY #: 7035967.8

YEAR: 2016

— = 500'





INQUIRY #: 7035967.8

YEAR: 2012

— = 500'





INQUIRY #: 7035967.8

YEAR: 2009

— = 500'





INQUIRY #: 7035967.8

YEAR: 2005

— = 500'





INQUIRY #: 7035967.8

YEAR: 2002

— = 500'





INQUIRY #: 7035967.8

YEAR: 1994



= 500'



INQUIRY #: 7035967.8

YEAR: 1990

— = 500'





INQUIRY #: 7035967.8

YEAR: 1988

— = 500'





INQUIRY #: 7035967.8

YEAR: 1977

— = 500'





INQUIRY #: 7035967.8

YEAR: 1972

— = 500'



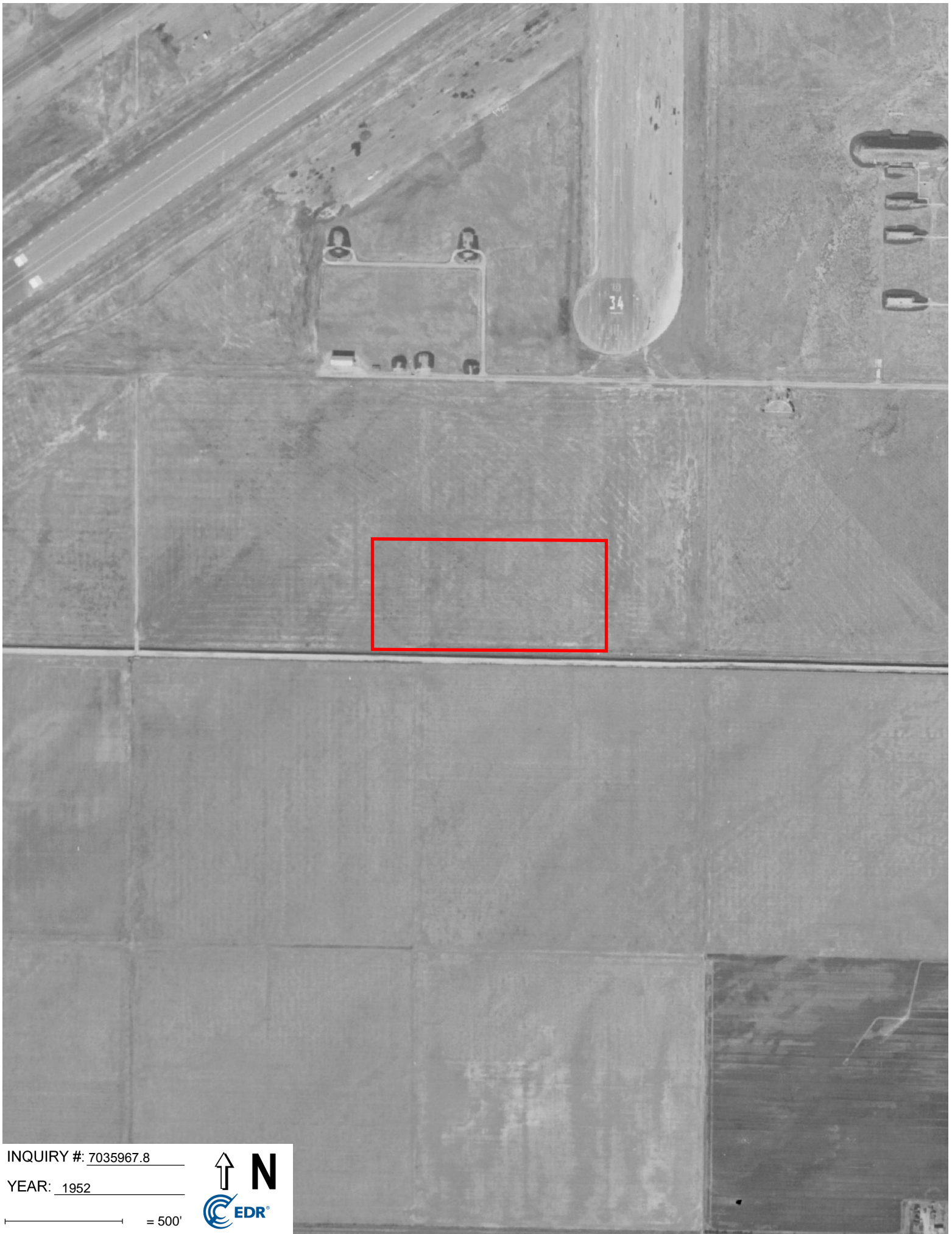


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YEAR: 1963

— = 500'



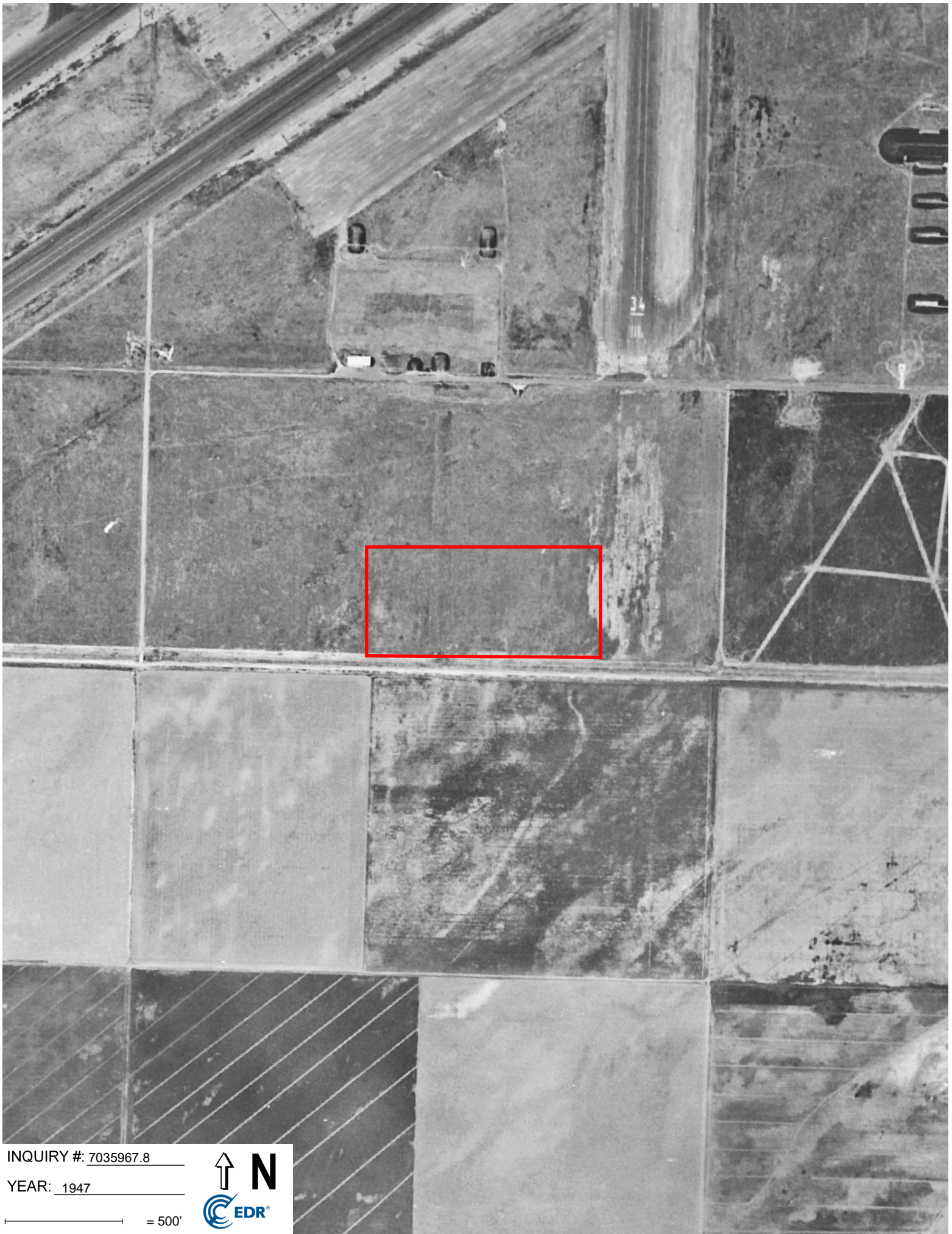


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YEAR: 1952

— = 500'



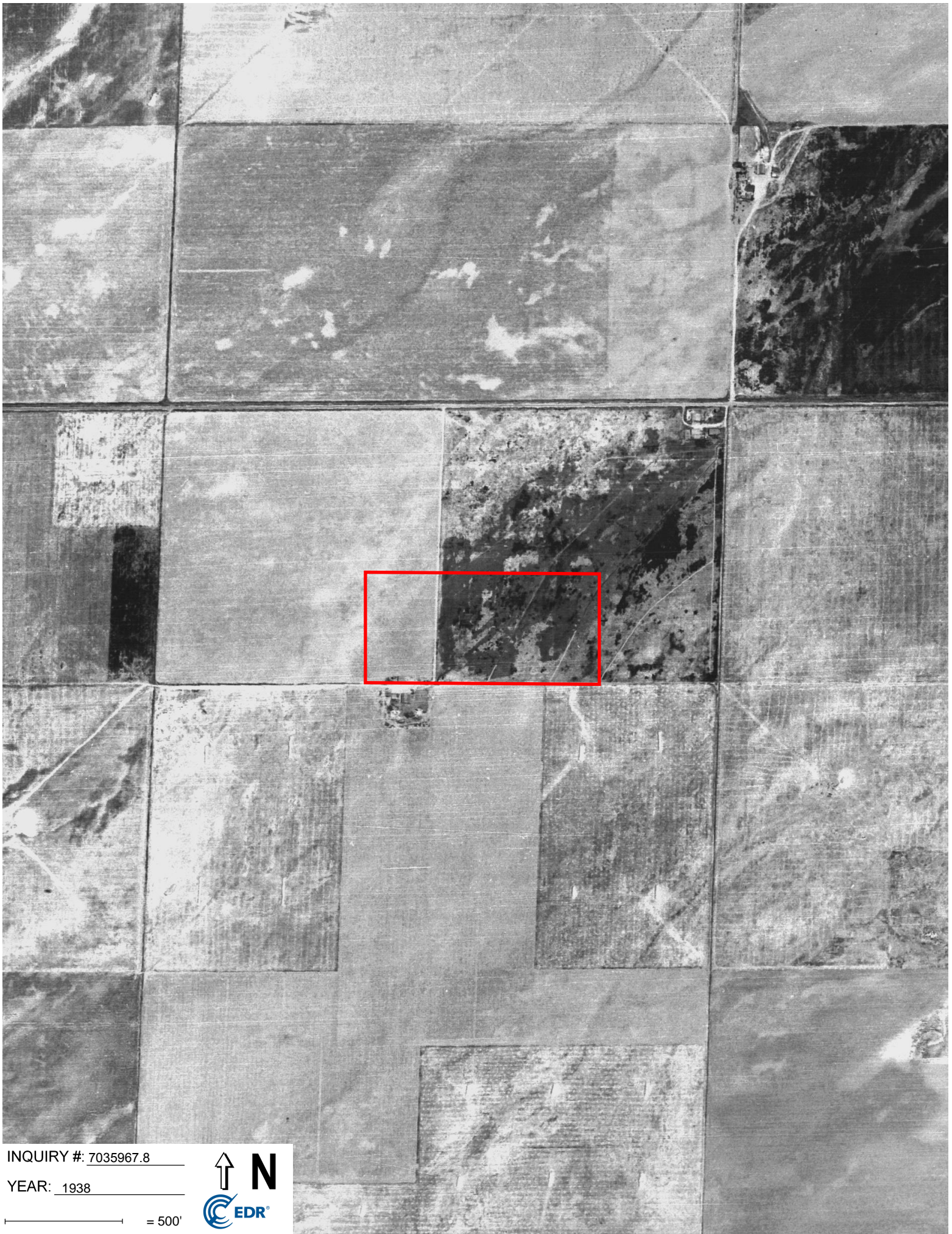


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YEAR: 1947

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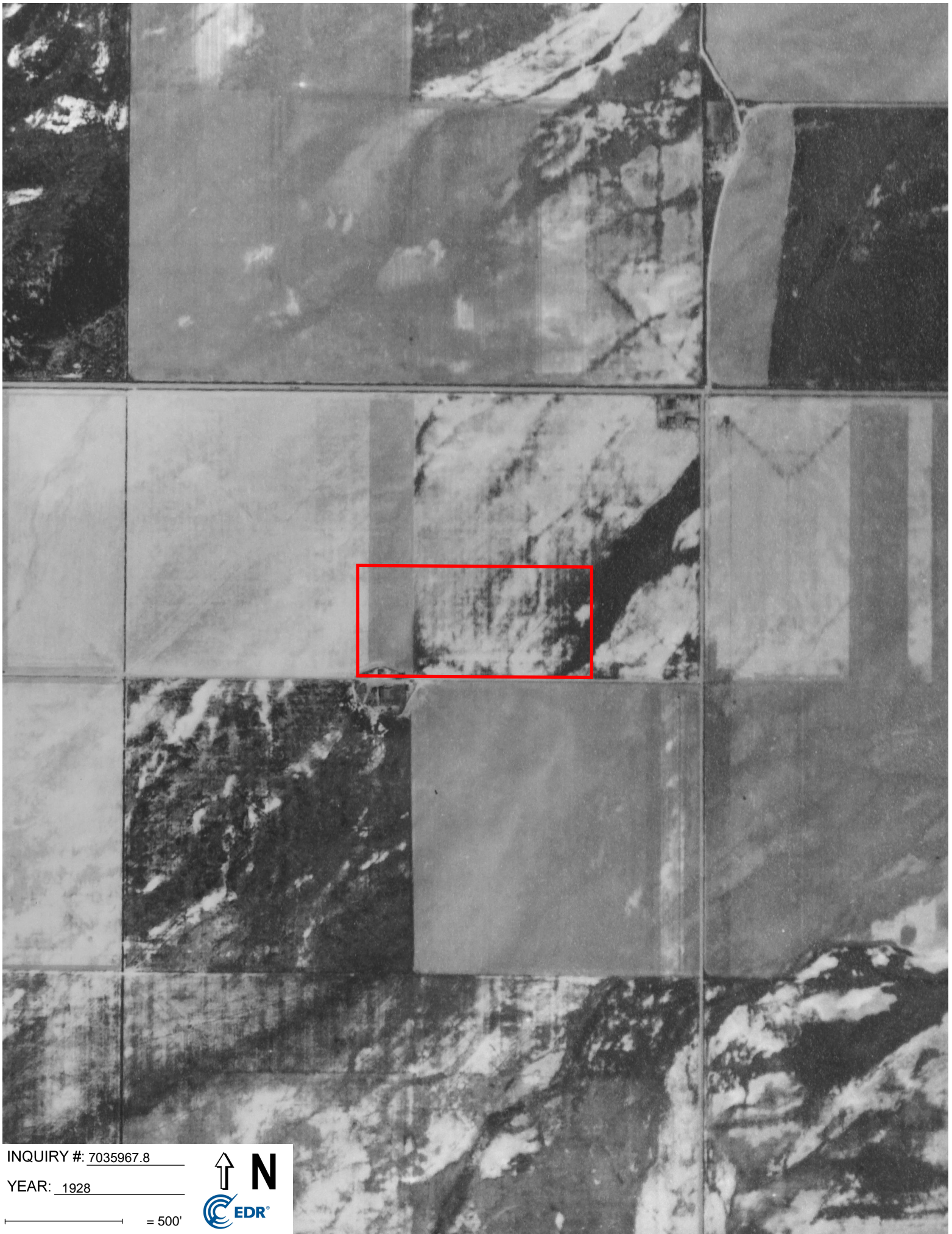


INQUIRY #: 7035967.8

YEAR: 1938

— = 500'





INQUIRY #: 7035967.8

YEAR: 1928

— = 500'



045.092##_4665 Lampson Avenue

4665 Lampson Avenue

Los Alamitos, CA 90720

Inquiry Number: 7035967.4

June 29, 2022

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

06/29/22

Site Name:

045.092##_4665 Lampson Ave
4665 Lampson Avenue
Los Alamitos, CA 90720
EDR Inquiry # 7035967.4

Client Name:

EFI Global Inc.
5261 West Imperial Highway
Los Angeles, CA 90045
Contact: Diana Arellano



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

Search Results:

Coordinates:

P.O.#	NA	Latitude:	33.78195 33° 46' 55" North
Project:	045.092##	Longitude:	-118.049258 -118° 2' 57" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	402854.33
		UTM Y Meters:	3738474.09
		Elevation:	24.00' above sea level

Maps Provided:

2018	1949
2015	1947
2012	1943
1981	1942
1974	1935
1972	1902
1964	1899
1950	1896

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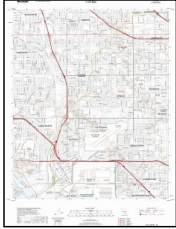
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Topo Sheet Key

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

2018 Source Sheets



Los Alamos
2018
7.5-minute, 24000

2015 Source Sheets



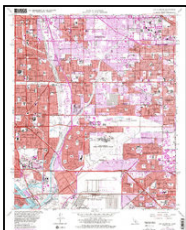
Los Alamos
2015
7.5-minute, 24000

2012 Source Sheets



Los Alamos
2012
7.5-minute, 24000

1981 Source Sheets

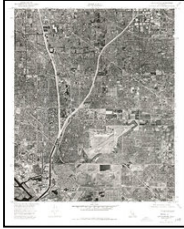


Los Alamos
1981
7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

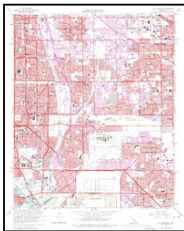
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1974 Source Sheets



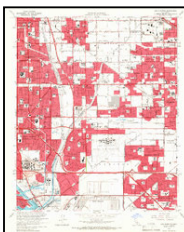
Los Alamos
1974
7.5-minute, 24000
Aerial Photo Revised 1974

1972 Source Sheets



Los Alamos
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1964 Source Sheets



Los Alamos
1964
7.5-minute, 24000
Aerial Photo Revised 1963

1950 Source Sheets



Los Alamos
1950
7.5-minute, 24000
Aerial Photo Revised 1947

Topo Sheet Key

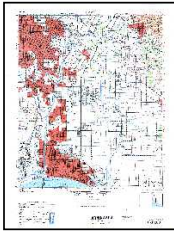
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1949 Source Sheets



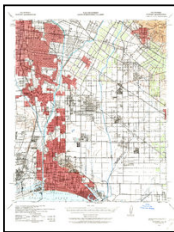
Los Alamos
1949
7.5-minute, 24000
Aerial Photo Revised 1947

1947 Source Sheets



DOWNEY
1947
15-minute, 50000

1943 Source Sheets



Downey
1943
15-minute, 62500
Aerial Photo Revised 1939

1942 Source Sheets



Downey
1942
15-minute, 62500

Topo Sheet Key

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

1935 Source Sheets



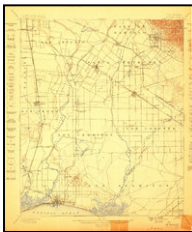
Los Alamos
1935
7.5-minute, 31680

1902 Source Sheets



Downey
1902
15-minute, 62500

1899 Source Sheets

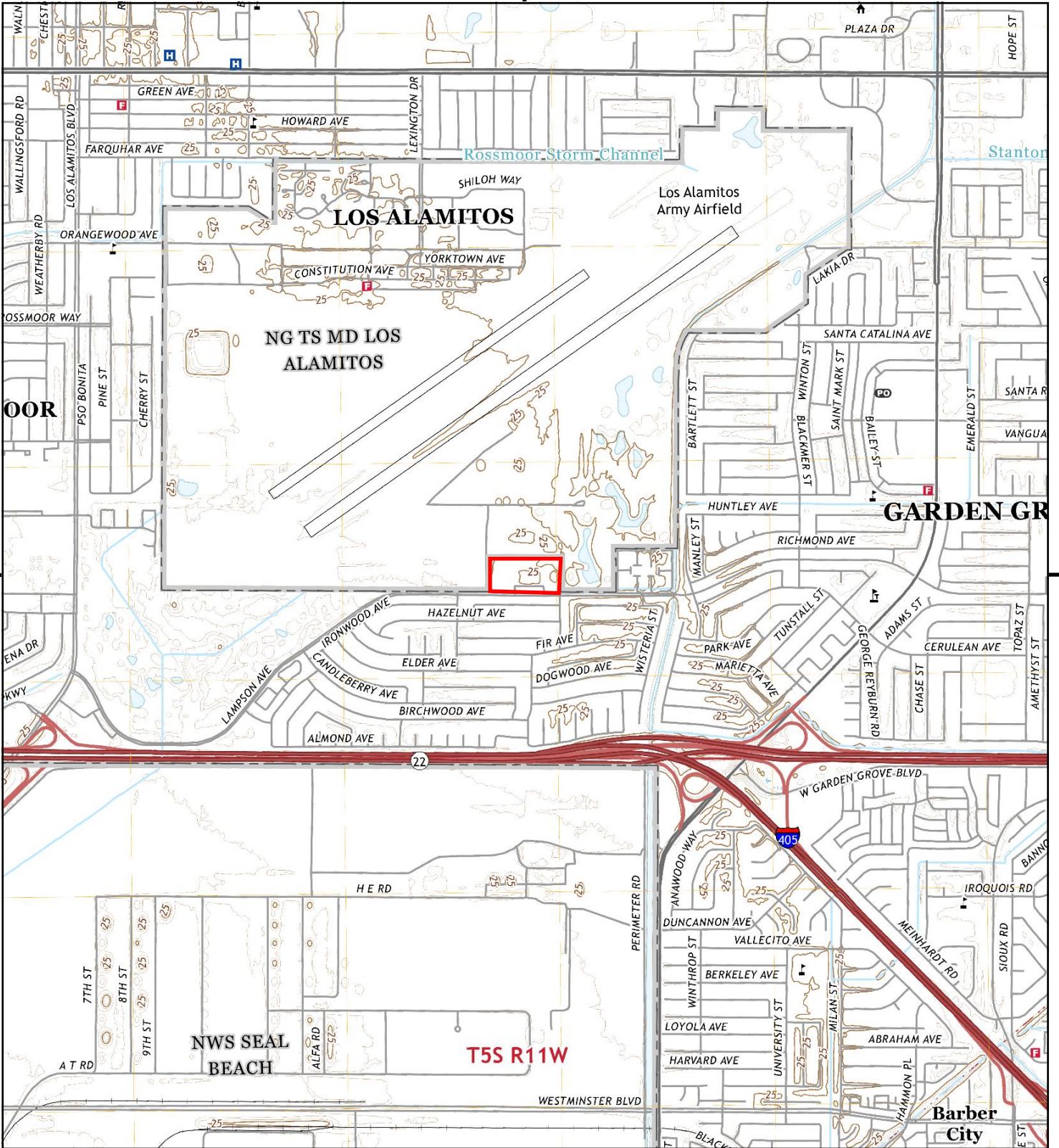


Downey
1899
15-minute, 62500

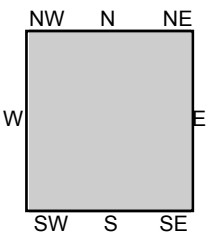
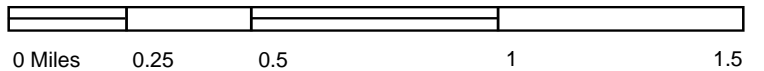
1896 Source Sheets



Downey
1896
15-minute, 62500



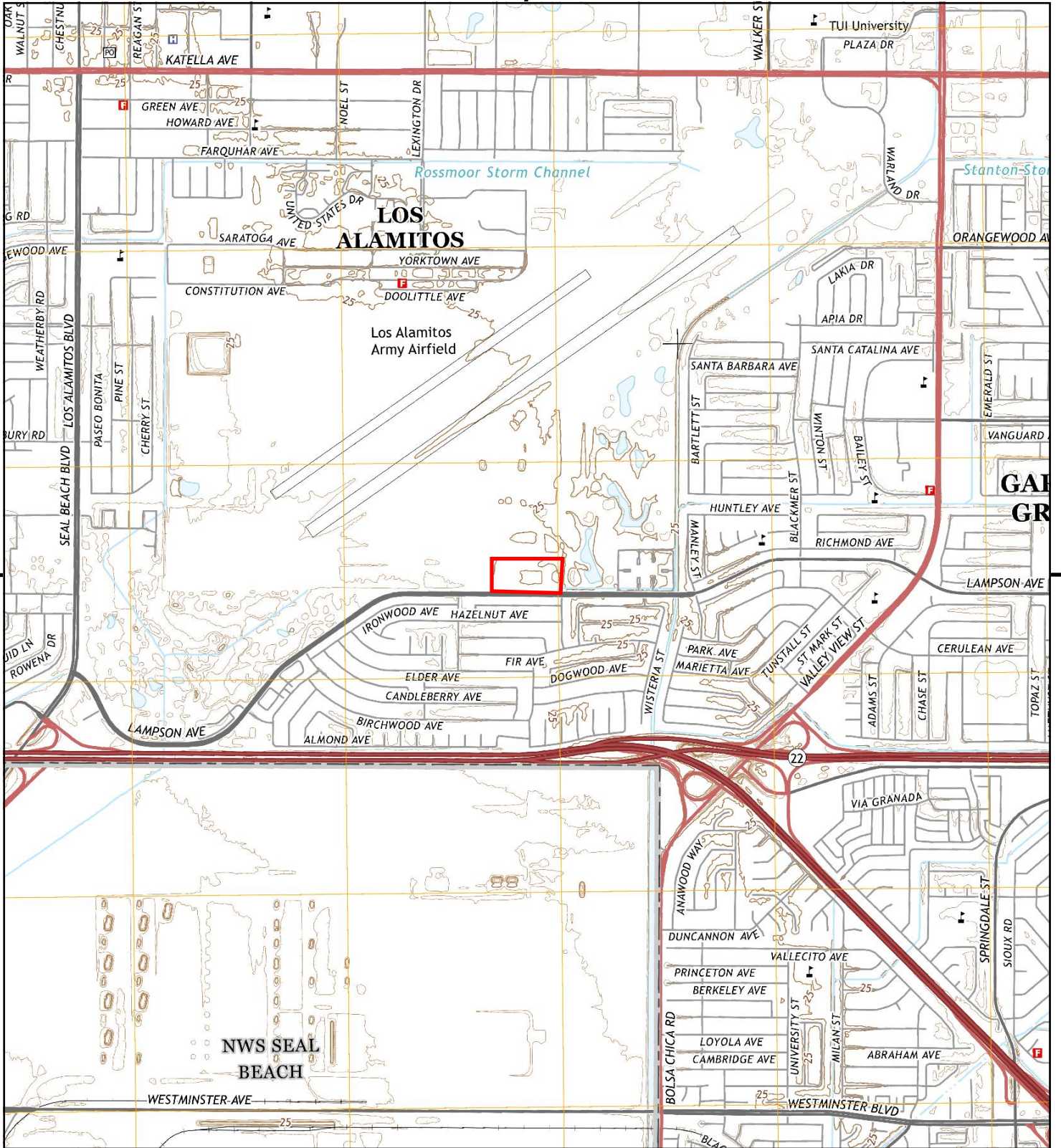
This report includes information from the following map sheet(s).



TP, Los Alamitos, 2018, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





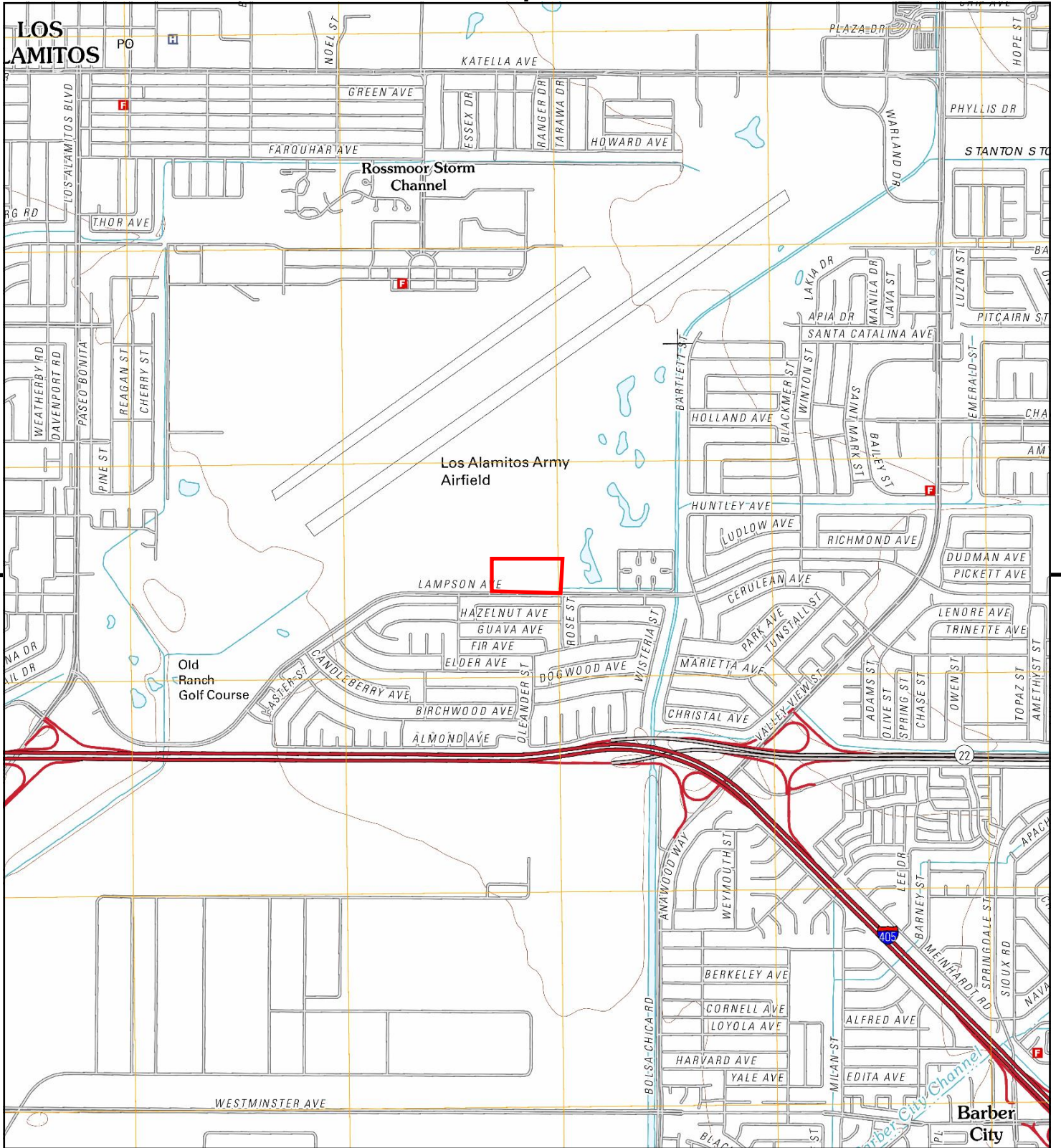
This report includes information from the following map sheet(s).



TP, Los Alamitos, 2015, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





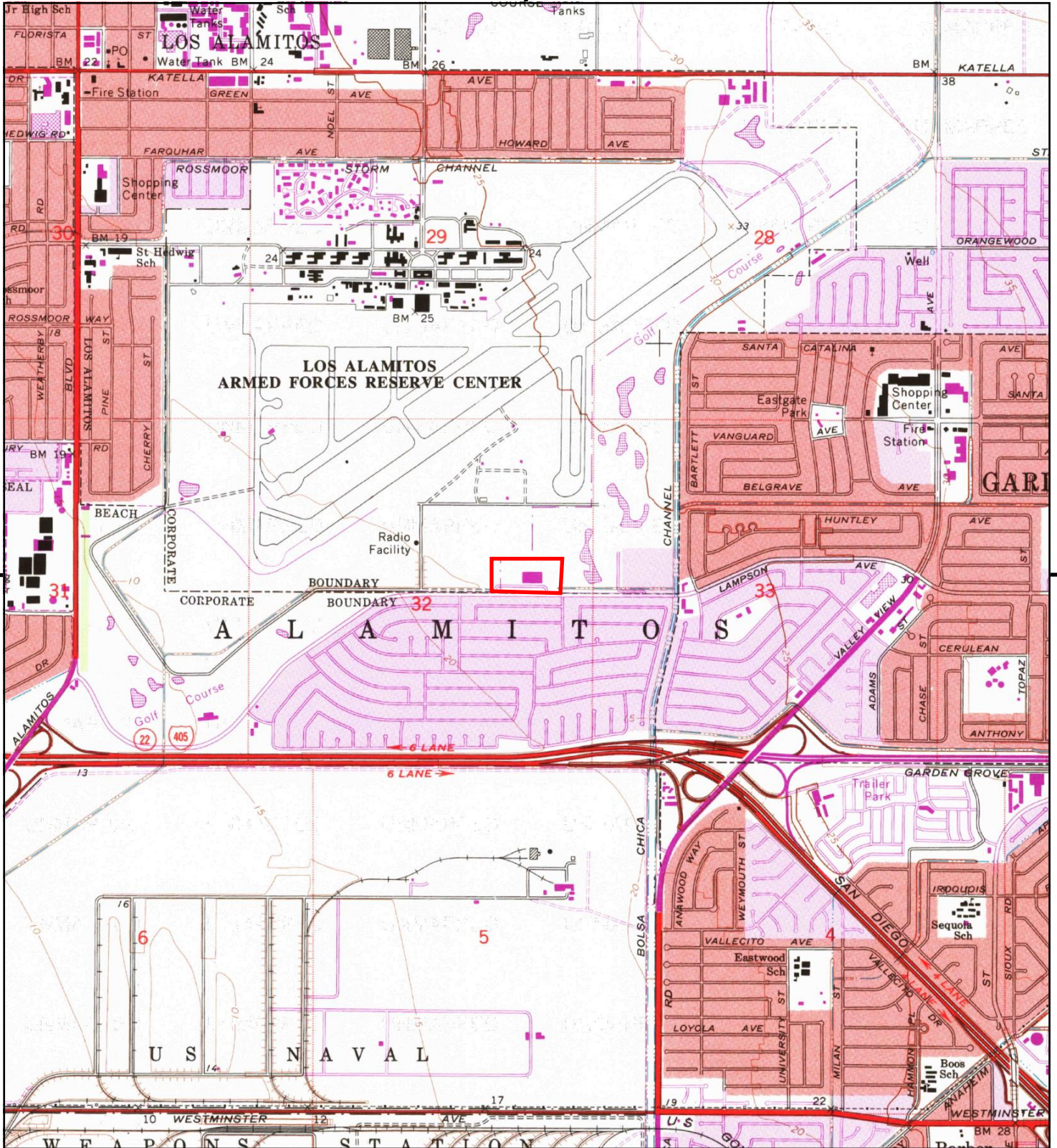
This report includes information from the following map sheet(s).



TP, Los Alamitos, 2012, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





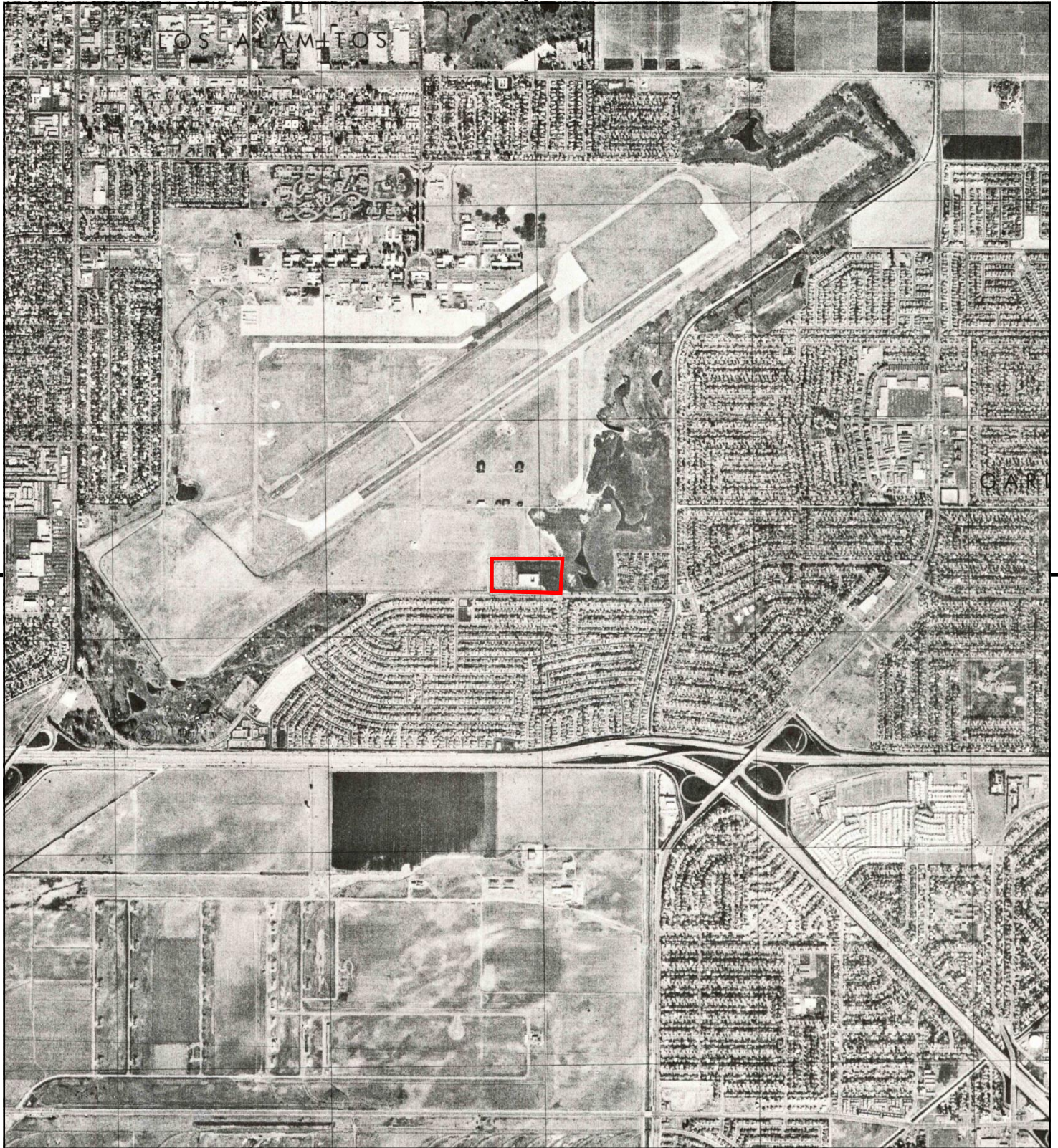
This report includes information from the following map sheet(s).



TP, Los Alamitos, 1981, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





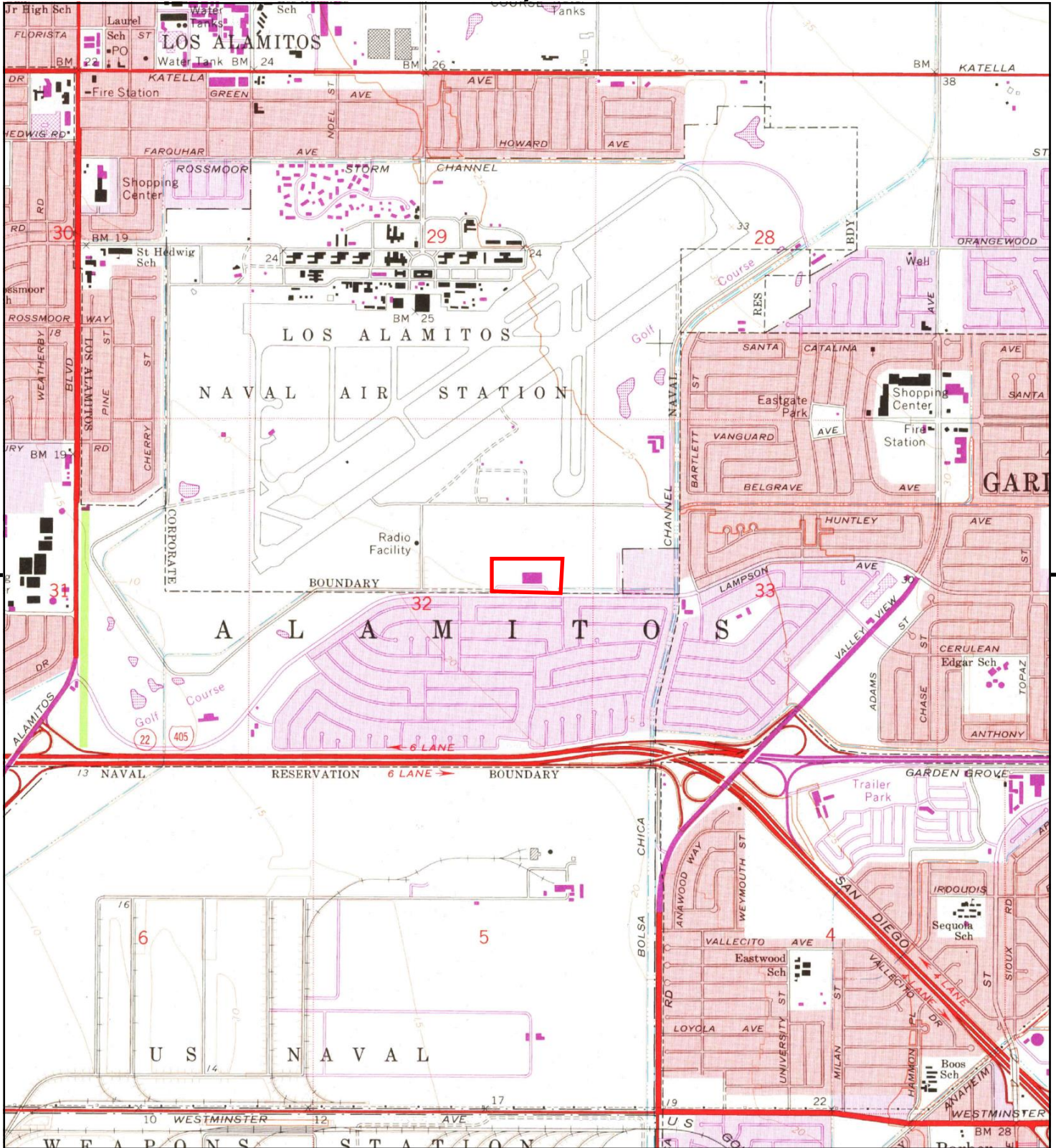
This report includes information from the following map sheet(s).



TP, Los Alamitos, 1974, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
CLIENT: EFI Global Inc.





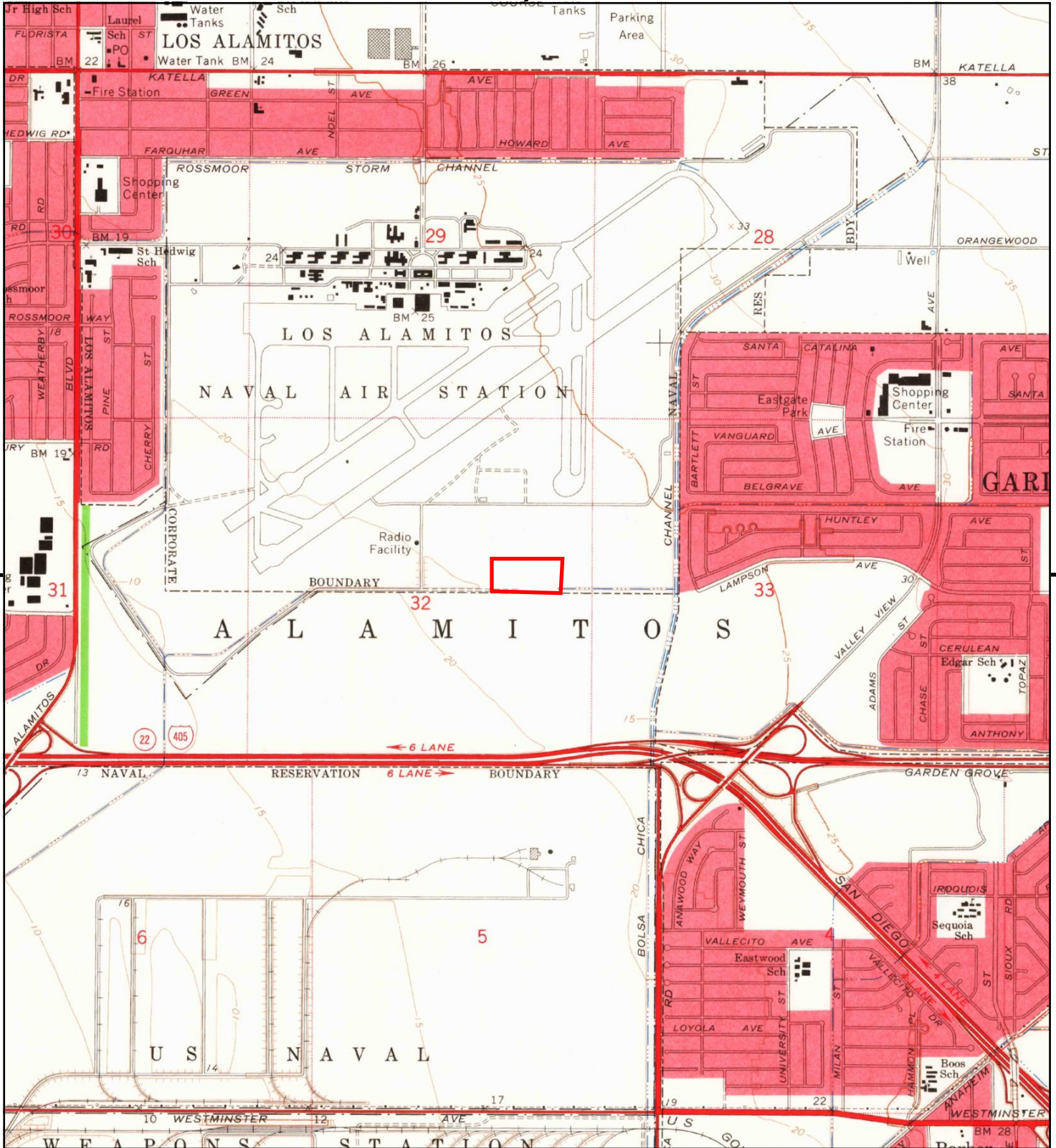
This report includes information from the following map sheet(s).



TP, Los Alamitos, 1972, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





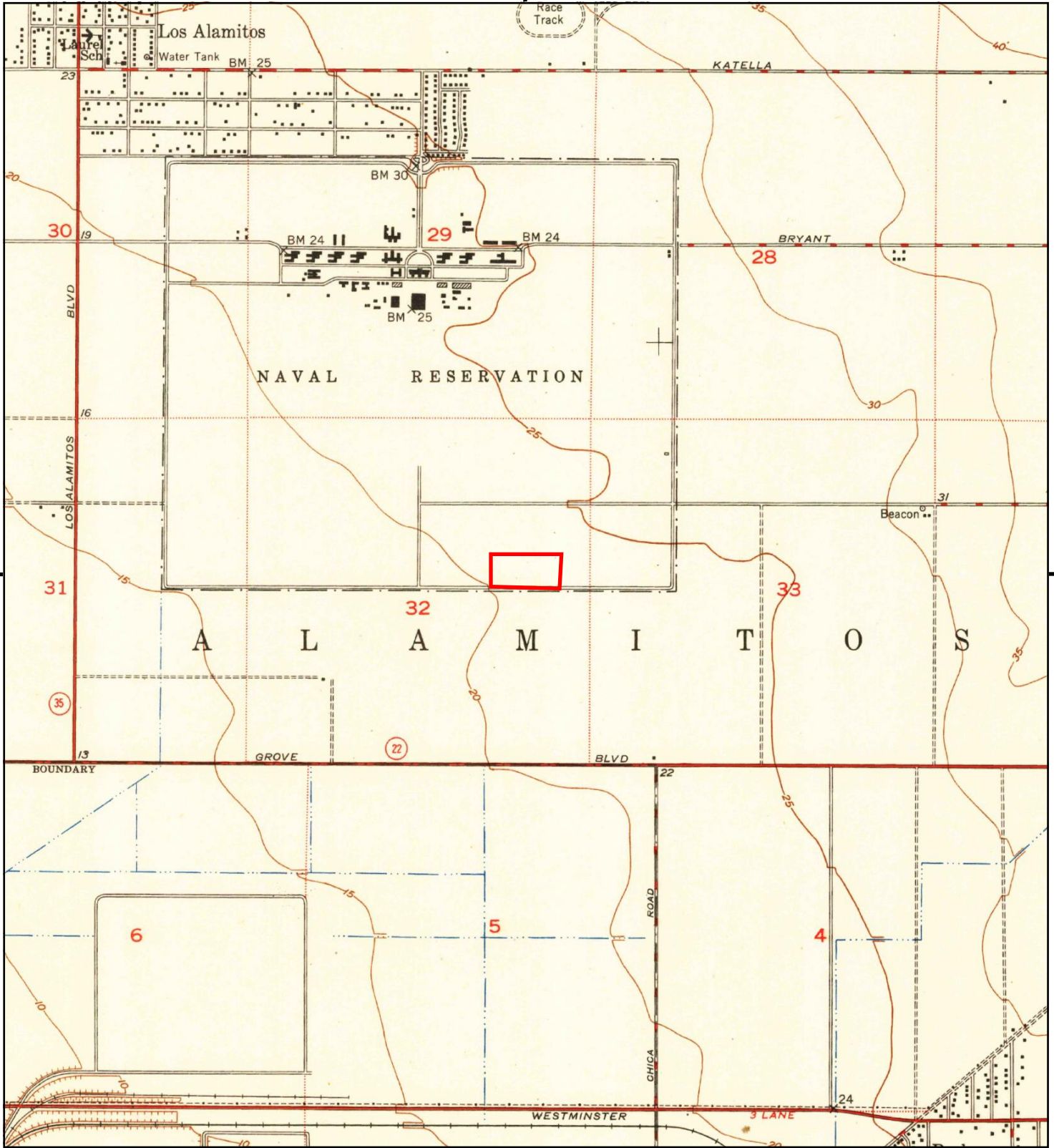
This report includes information from the following map sheet(s).



TP, Los Alamitos, 1964, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





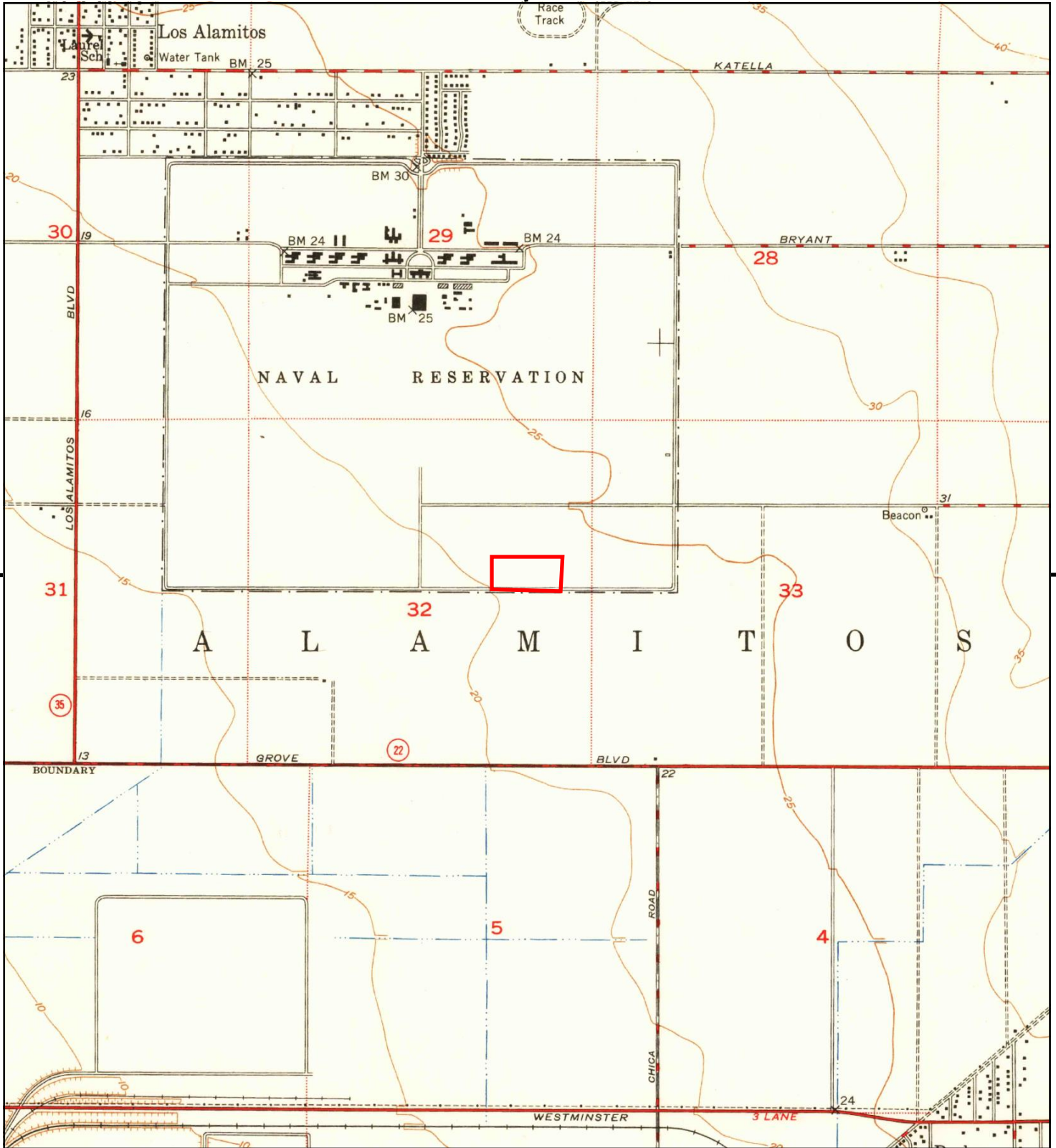
This report includes information from the following map sheet(s).



TP, Los Alamitos, 1950, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





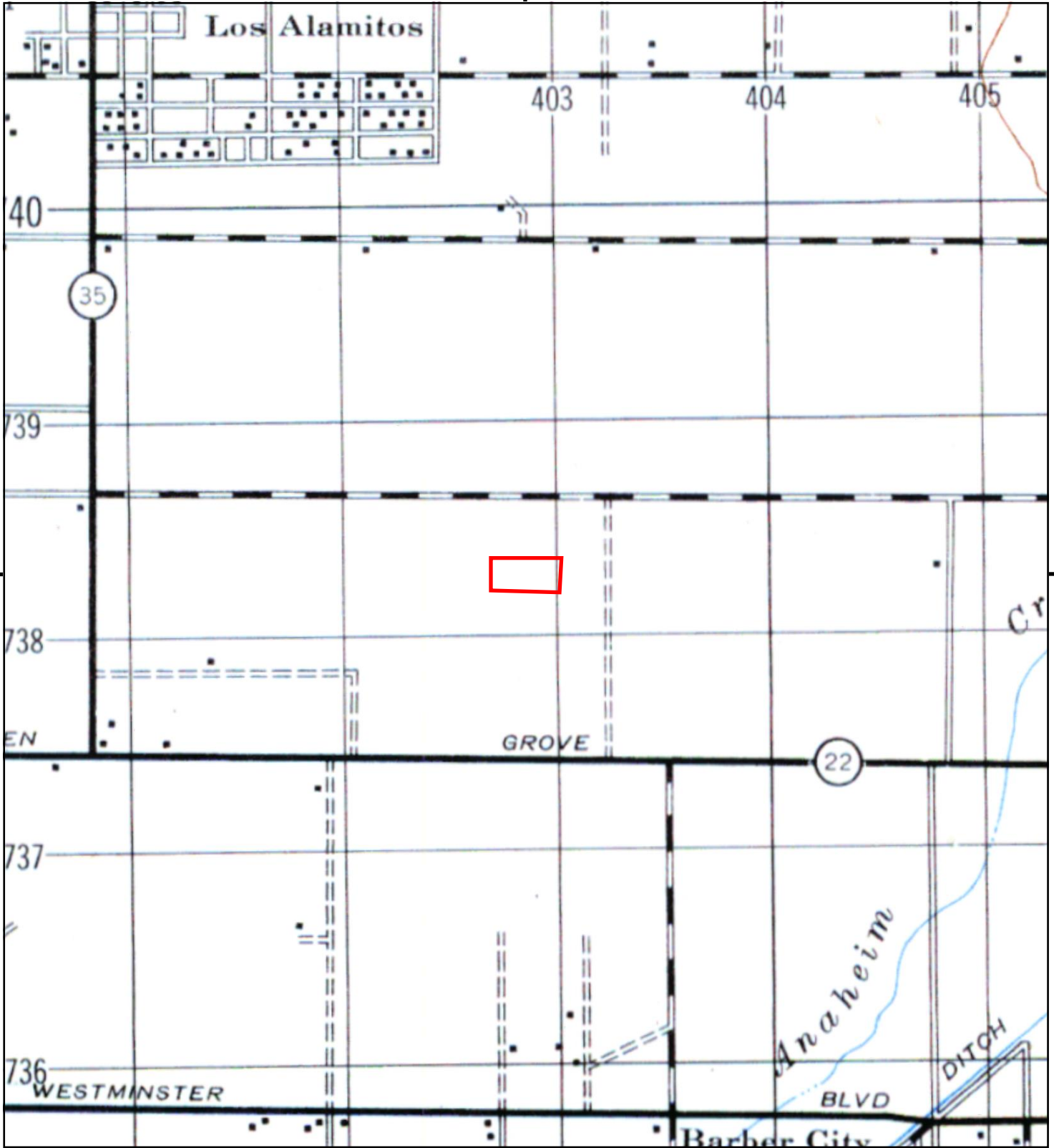
This report includes information from the following map sheet(s).



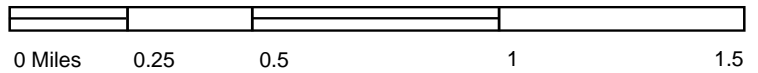
TP, Los Alamitos, 1949, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





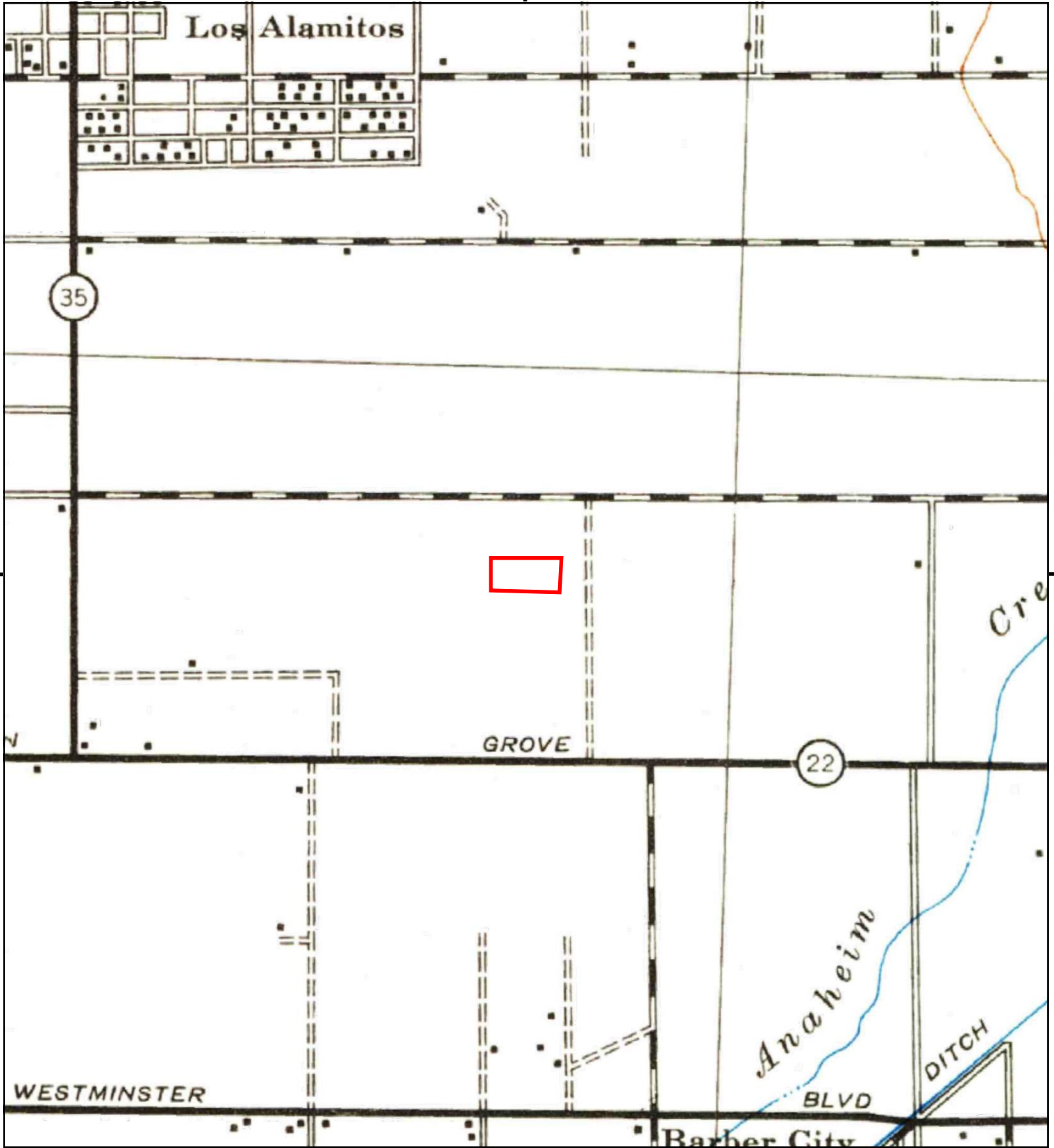
This report includes information from the following map sheet(s).



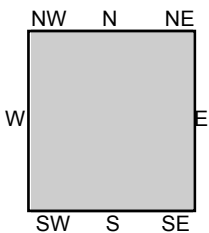
TP, DOWNEY, 1947, 15-minute

SITE NAME: 045.092##_4665 Lampson Avenue
ADDRESS: 4665 Lampson Avenue
Los Alamitos, CA 90720
CLIENT: EFI Global Inc.





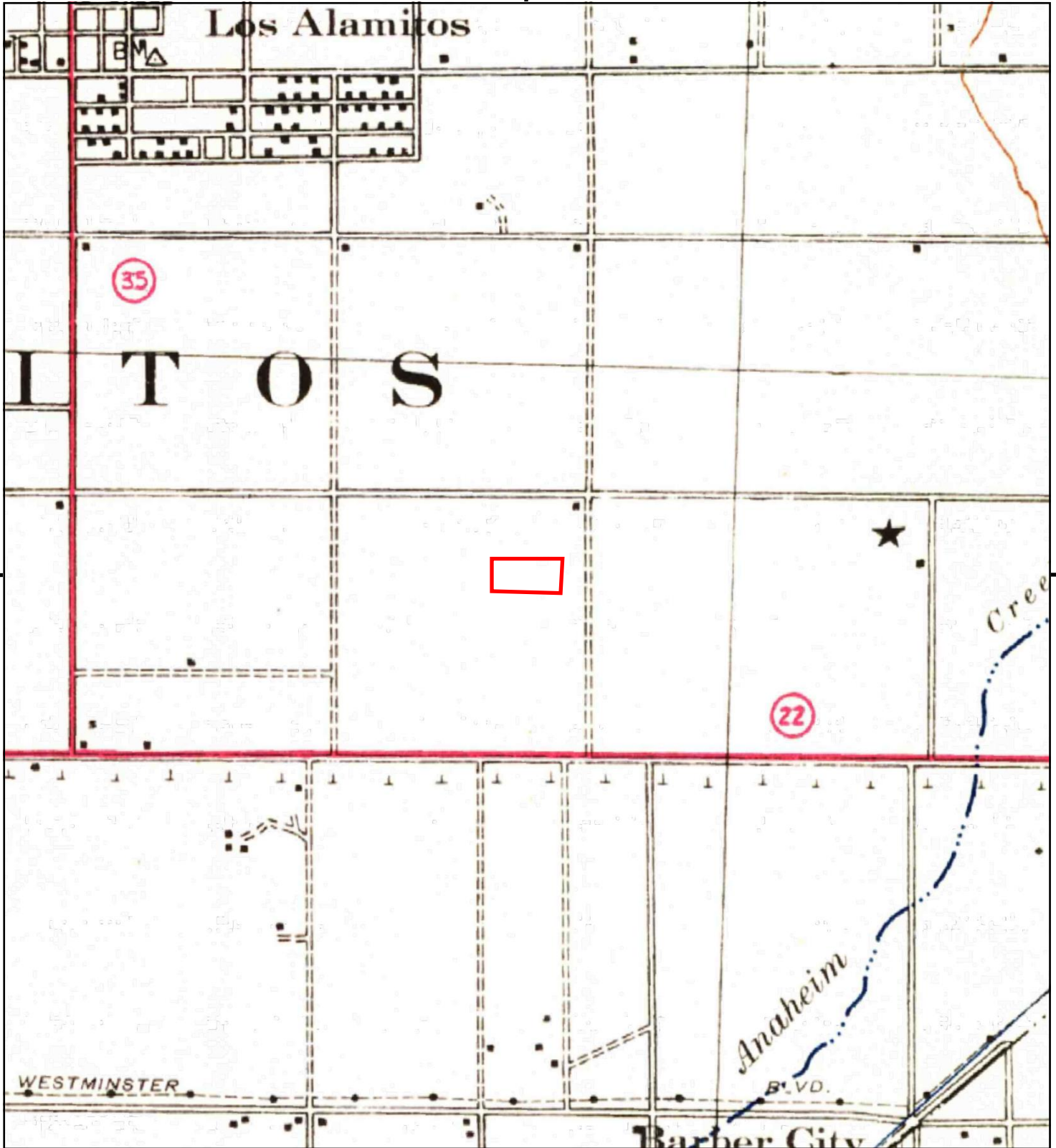
This report includes information from the following map sheet(s).



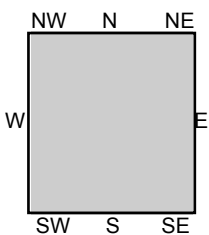
TP, Downey, 1943, 15-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





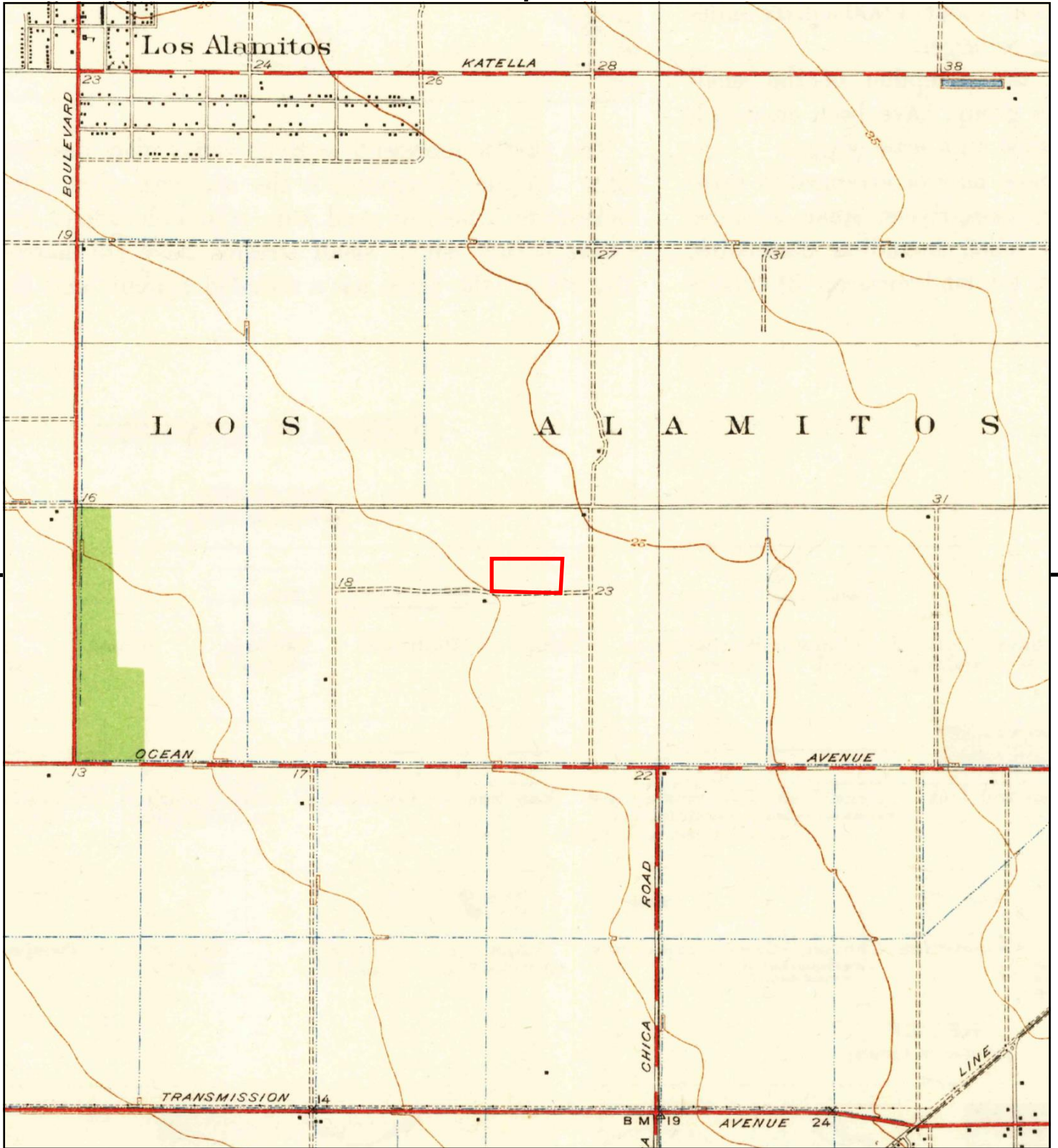
This report includes information from the following map sheet(s).



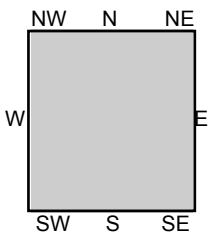
TP, Downey, 1942, 15-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





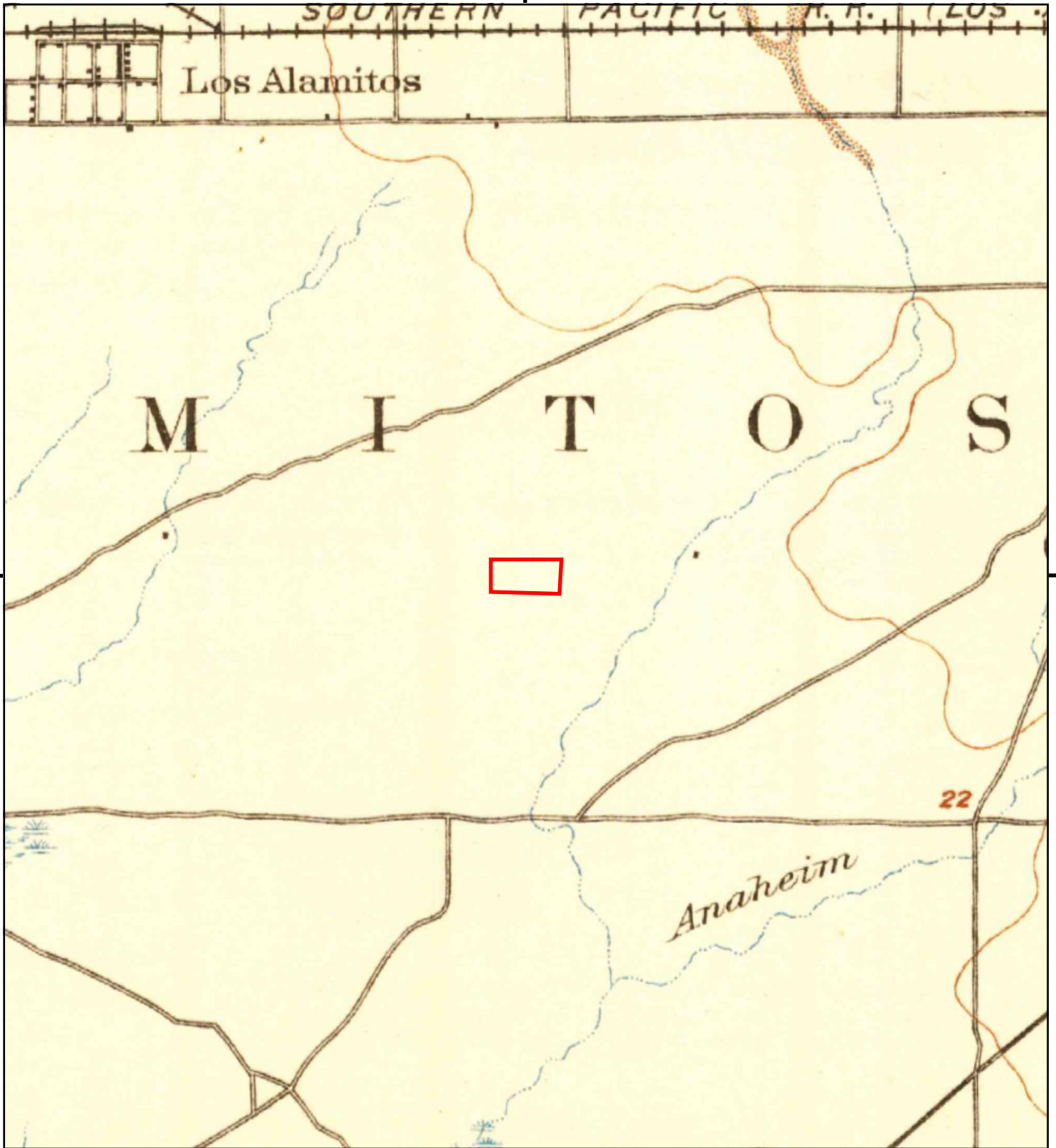
This report includes information from the following map sheet(s).



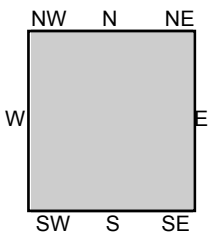
TP, Los Alamitos, 1935, 7.5-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





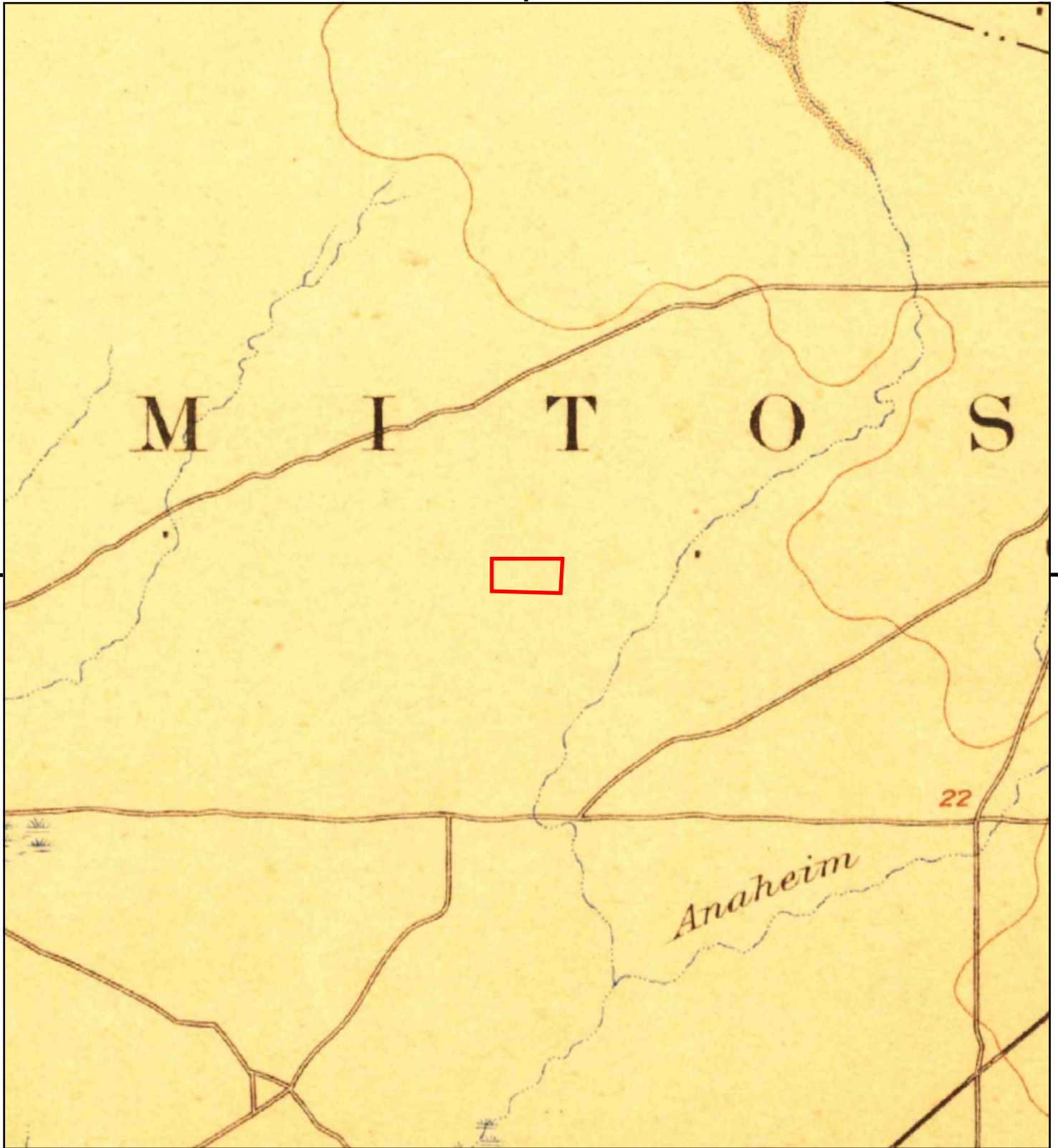
This report includes information from the following map sheet(s).



TP, Downey, 1902, 15-minute

SITE NAME: 045.092##_4665 Lampson Avenue
 ADDRESS: 4665 Lampson Avenue
 Los Alamitos, CA 90720
 CLIENT: EFI Global Inc.





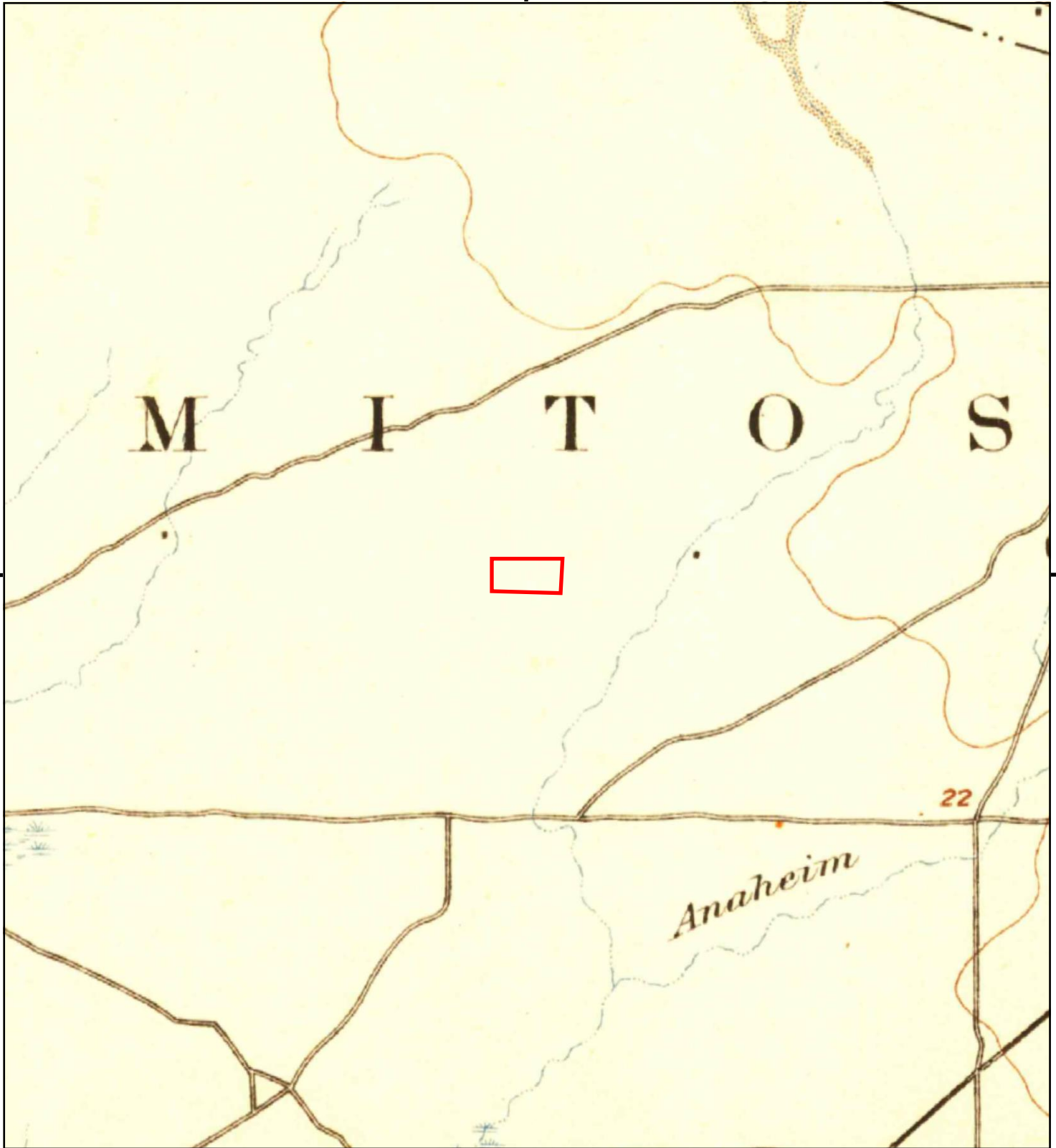
This report includes information from the following map sheet(s).



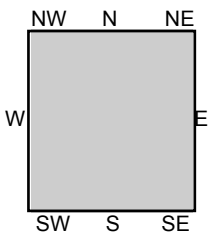
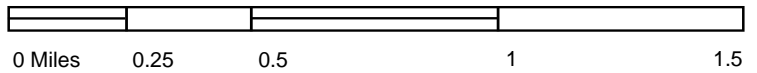
TP, Downey, 1899, 15-minute

SITE NAME: 045.092##_4665 Lampson Avenue
ADDRESS: 4665 Lampson Avenue
Los Alamitos, CA 90720
CLIENT: EFI Global Inc.





This report includes information from the following map sheet(s).



TP, Downey, 1896, 15-minute

SITE NAME: 045.092##_4665 Lampson Avenue
ADDRESS: 4665 Lampson Avenue
Los Alamitos, CA 90720
CLIENT: EFI Global Inc.





City of Los Alamitos

3191 Katella Avenue
Los Alamitos, CA 90720
(562) 431-3538

PERMIT NO. **B00-001-110**

Permit Type: **Fire Sprinkler**

PROJECT	TRACT NO.	LOT NO.	APPLICATION DATE	ISSUED BY	Permit Status: Issued
			10/18/2001	GH	

PROJECT ADDRESS ASSESSORS PARCEL NO. GEO CODE

4665 Lampson , #

OWNER PHONE NO. FAX NO.

MAILING ADDRESS

APPLICANT PHONE NO. FAX NO.

MAILING ADDRESS

CONTRACTOR/PROFESSIONAL PHONE NO. (818) 787-8429 FAX NO.

Salamander Fire Protection EMAIL ADDRESS:

MAILING ADDRESS
6163 Tyron
Van Nuys, CA 91401

License No. 778069 Type: C16 Expires: 5/31/2002

TENANT PHONE NO. FAX NO.

MAILING ADDRESS

DESCRIPTION

Installing fire sprinklers

Construction Type	UOM	# of Units	Value	Construction Type	UOM	# of Units	Value
Sprinkler systems	Sq Ft	774	\$1,393.20				

OCCUPANCY Offices TOTAL VALUATION \$1,394.00

FEE DETAIL									
QTY	UOM	DESC	AMT DUE	AMT PAID	QTY	UOM	DESC	AMT DUE	AMT PAID
0		Building fee	\$50.95	\$50.95					
Totals for: 10-3300			\$50.95	\$50.95					

Federal Building
Exempt of city permits

Total Fees: \$50.95 Total Amount Paid: \$50.95

RECEIPTS DETAIL						
Receipt #	Trans. Date	Name	Payment Type	Payment Type #	Amount	
1,247	10/18/2001	Contractor	Check	7595	\$50.95	



City of Los Alamitos

3191 Katella Avenue
Los Alamitos, CA 90720
(562) 431-3538

PERMIT / PLAN REVIEW APPLICATION

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-16 License No. 778064 Exp. Date 5-02

Signature of Contractor: [Signature]

OWNER - BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9, commencing with Section 7000 of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving he or she did not build or improve for the purpose of sale).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. _____, B. & P.C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following:

I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier STATE FARM S&S

Policy Number 565-01

(This section need not be completed if the permit is for one hundred dollars or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation Laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 10-18-01 Applicant [Signature]

WARNING: Failure to secure Workers' Compensation Coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to One Hundred Thousand Dollars (\$100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest and attorney's fees.

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ.C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this City to enter upon the property for inspection purposes.

Date _____ Signature _____

VIOLATIONS: It shall be unlawful for any person, firm or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use, occupy or maintain any building or structure or cause or permit the same to be done in violation of this code.

IMPORTANT: APPLICATION IS HEREBY MADE TO THE BUILDING OFFICIAL FOR A PERMIT SUBJECT TO THE CONDITIONS AND RESTRICTIONS SET FORTH ON THIS APPLICATION AND THE FOLLOWING:

1. Construction activity is **prohibited** between the hours of 8:00pm and 7:00am Monday-Friday, 5:00pm and 8:00am on Saturday. No construction is permitted on Sundays and Holidays.
2. The City's approved plans and permit inspection card must remain on the job site for use by City inspection personnel.
3. Final inspection of the work authorized by this permit is required. A Certificate of Occupancy must be obtained prior to use and occupancy of new buildings, structures and remodeling work.

NAME NORROAH RACINE TITLE MANAGER
Print name and title

I certify that I have read this application and state that the above information is correct and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption from the Worker's Compensation provisions of the Labor Code, I should become subject to such provisions, I will forthwith comply. In the event I do not comply with Workmen's Compensation law, this permit shall be deemed revoked.

SIGNATURE [Signature] DATE 10-18-01



City of Los Alamitos

3191 Katella Avenue
Los Alamitos, CA 90720
(562) 431-3538

PERMIT NO. B00-001-089

Permit Type: Mechanical

PROJECT	TRACT NO.	LOT NO.	APPLICATION DATE	ISSUED BY	Permit Status:
			10/8/2001	GH	Issued

PROJECT ADDRESS

4665 Lampson Ave, #

ASSESSORS PARCEL NO.

130-012-35

GEO CODE

OWNER

United States Of America

MAILING ADDRESS

, CA

PHONE NO.

FAX NO.

APPLICANT

MAILING ADDRESS

PHONE NO.

FAX NO.

CONTRACTOR/PROFESSIONAL

INVERSYS BUILDING SYSTEM

MAILING ADDRESS

1901 BETMOR LANE
ANAHEIM, CA 92805

PHONE NO. (714) 978-1600

FAX NO.

EMAIL ADDRESS:

License No. 108958 Type: C7 1020

Expires: 10/31/2001

TENANT

MAILING ADDRESS

PHONE NO.

FAX NO.

DESCRIPTION

Tenant Improve

INSTALL 3 TON HEAT PUMP INSIDE BLDG, INSTALL 4 REGISTERS (3 SUPPLY & 1 RETURN)

Construction Type	UOM	# of Units	Value	Construction Type	UOM	# of Units	Value

OCCUPANCY Offices TOTAL VALUATION \$0.00

FEE DETAIL

QTY	UOM	DESC	AMT DUE	AMT PAID	QTY	UOM	DESC	AMT DUE	AMT PAID
1	Flat	Iss Fee-Mech	\$23.50	\$23.50	1	Each	Air handler	\$9.50	\$9.50
4	Inlets/Outle	Add to duct sys	\$8.00	\$8.00					
Totals for: 10-3302			\$41.00	\$41.00					

Total Fees: \$41.00 Total Amount Paid: \$41.00

RECEIPTS DETAIL

Receipt #	Trans. Date	Name	Payment Type	Payment Type #	Amount
1,226	10/8/2001	CONTRACTOR	CC: Mastercard	12345	\$41.00



City of Los Alamitos

3191 Katella Avenue
Los Alamitos, CA 90720
(562) 431-3538

PERMIT / PLAN REVIEW APPLICATION

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class T1020 License No. 108958 Exp. Date 10-31-01

Signature of Contractor: [Signature]

OWNER - BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9, commencing with Section 7000 of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving he or she did not build or improve for the purpose of sale).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. _____, B. & P.C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following:

I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier TRAVELERS

Policy Number TC2JUB120D5138

(This section need not be completed if the permit is for one hundred dollars or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation Laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 10-8-01 Applicant [Signature]

WARNING: Failure to secure Workers' Compensation Coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to One Hundred Thousand Dollars (\$100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest and attorney's fees.

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ.C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this City to enter upon the property for inspection purposes.

Date _____ Signature _____

VIOLATIONS: It shall be unlawful for any person, firm or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use, occupy or maintain any building or structure or cause or permit the same to be done in violation of this code.

IMPORTANT: APPLICATION IS HEREBY MADE TO THE BUILDING OFFICIAL FOR A PERMIT SUBJECT TO THE CONDITIONS AND RESTRICTIONS SET FORTH ON THIS APPLICATION AND THE FOLLOWING:

1. Construction activity is **prohibited** between the hours of 8:00pm and 7:00am Monday-Friday, 5:00pm and 8:00am on Saturday. No construction is permitted on Sundays and Holidays.
2. The City's approved plans and permit inspection card must remain on the job site for use by City inspection personnel.
3. Final inspection of the work authorized by this permit is required. A Certificate of Occupancy must be obtained prior to use and occupancy of new buildings, structures and remodeling work.

NAME DAVID GEITH TITLE Journeyman
Print name and title

I certify that I have read this application and state that the above information is correct and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption from the Worker's Compensation provisions of the Labor Code, I should become subject to such provisions, I will forthwith comply. In the event I do not comply with Workmen's Compensation law, this permit shall be deemed revoked.

SIGNATURE [Signature] DATE 10-8-01



City of Los Alamitos

3191 Katella Avenue
Los Alamitos, CA 90720
(562) 431-3538

PERMIT NO. B00-000-975

Permit Type: Tenant Improvement

PROJECT	TRACT NO.	LOT NO.	APPLICATION DATE	ISSUED BY	Permit Status: Issued
			8/7/2001	SV	

PROJECT ADDRESS: **4665 Lampson , #** ASSESSORS PARCEL NO. GEO CODE

OWNER MAILING ADDRESS PHONE NO. FAX NO.

APPLICANT MAILING ADDRESS PHONE NO. FAX NO.

CONTRACTOR/PROFESSIONAL MAILING ADDRESS PHONE NO. (310) 287-2180 FAX NO.
 ENVIRONETICS GROUP 8530 VENICE BLVD LOS ANGELES, CA 90034 EMAIL ADDRESS:

License No. Type: Expires:

TENANT MAILING ADDRESS PHONE NO. FAX NO.

DESCRIPTION

T.I. AT N.O.C. ROOM

Construction Type	UOM	# of Units	Value	Construction Type	UOM	# of Units	Value
Value	Value	25,000	\$25,000.00				

OCCUPANCY				Schools	TOTAL VALUATION	\$25,000.00			
FEE DETAIL									
QTY	UOM	DESC	AMT DUE	AMT PAID	QTY	UOM	DESC	AMT DUE	AMT PAID
0		Building fee	\$391.25	\$391.25					
Totals for: 10-3300			\$391.25	\$391.25					
20	each	Switch,outlet	\$20.00	\$20.00	1	Flat	Issue fee Elec	\$25.00	\$25.00
2	each	Ltg fixtures	\$2.00	\$2.00					
Totals for: 10-3301			\$47.00	\$47.00					
0		Plan check	\$254.31	\$254.31					
Totals for: 10-3400			\$254.31	\$254.31					

Total Fees: \$692.56 **Total Amount Paid: \$692.56**

RECEIPTS DETAIL						
Receipt #	Trans. Date	Name	Payment Type	Payment Type #	Amount	
1,093	8/7/2001		Check	12784	\$254.31	
1,198	9/25/2001	Contractor	Check	8302	\$391.25	
1,210	9/28/2001	Contractor	Check	5452	\$47.00	



City of Los Alamitos

3191 Katella Avenue
Los Alamitos, CA 90720
(562) 431-3538

PERMIT / PLAN REVIEW APPLICATION

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 276700 Exp. Date 01/10/11

Signature of Contractor: Jun R. Gabriel

OWNER - BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9, commencing with Section 7000 of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving he or she did not build or improve for the purpose of sale).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. _____, B. & P.C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following:

I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier ACE AMERICAN INS-

Policy Number HWC 001063-00

(This section need not be completed if the permit is for one hundred dollars or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation Laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code I shall forthwith comply with those provisions.

Date 9/28/10 Applicant Jun R. Gabriel

WARNING: Failure to secure Workers' Compensation Coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to One Hundred Thousand Dollars (\$100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest and attorney's fees.

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ.C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this City to enter upon the property for inspection purposes.

Date _____ Signature _____

VIOLATIONS: It shall be unlawful for any person, firm or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use, occupy or maintain any building or structure or cause or permit the same to be done in violation of this code.

IMPORTANT: APPLICATION IS HEREBY MADE TO THE BUILDING OFFICIAL FOR A PERMIT SUBJECT TO THE CONDITIONS AND RESTRICTIONS SET FORTH ON THIS APPLICATION AND THE FOLLOWING:

1. Construction activity is **prohibited** between the hours of 8:00pm and 7:00am Monday-Friday, 5:00pm and 8:00am on Saturday. No construction is permitted on Sundays and Holidays.
2. The City's approved plans and permit inspection card must remain on the job site for use by City inspection personnel.
3. Final inspection of the work authorized by this permit is required. A Certificate of Occupancy must be obtained prior to use and occupancy of new buildings, structures and remodeling work.

NAME Jun R. GABRIEL TITLE SR DRAFTSMAN
Print name and title

I certify that I have read this application and state that the above information is correct and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption from the Worker's Compensation provisions of the Labor Code, I should become subject to such provisions, I will forthwith comply. In the event I do not comply with Workmen's Compensation law, this permit shall be deemed revoked.

SIGNATURE Jun R. Gabriel DATE 9/28/10



City of Los Alamitos

3191 Katella Avenue
Los Alamitos, CA 90720
(562) 431-3538

PERMIT NO. B00-000-975

Permit Type: Tenant Improvement

PROJECT	TRACT NO.	LOT NO.	APPLICATION DATE	ISSUED BY	Permit Status: Issued
			8/7/2001	SV	

PROJECT ADDRESS ASSESSORS PARCEL NO. GEO CODE

4665 Lampson , #

OWNER MAILING ADDRESS PHONE NO. FAX NO.

APPLICANT MAILING ADDRESS PHONE NO. FAX NO.

CONTRACTOR/PROFESSIONAL MAILING ADDRESS PHONE NO. (310) 287-2180 FAX NO.
ENVIRONETICS GROUP 8530 VENICE BLVD EMAIL ADDRESS:
LOS ANGELES, CA 90034

License No. Type: Expires:
 TENANT MAILING ADDRESS PHONE NO. FAX NO.

DESCRIPTION
T.I. AT N.O.C. ROOM

Construction Type	UOM	# of Units	Value	Construction Type	UOM	# of Units	Value
Value	Value	25,000	\$25,000.00				

OCCUPANCY Schools TOTAL VALUATION \$25,000.00

FEE DETAIL									
QTY	UOM	DESC	AMT DUE	AMT PAID	QTY	UOM	DESC	AMT DUE	AMT PAID
0		Building fee	\$391.25	\$391.25					
Totals for: 10-3300			\$391.25	\$391.25					
0		Plan check	\$254.31	\$254.31					
Totals for: 10-3400			\$254.31	\$254.31					

Total Fees: \$645.56 Total Amount Paid: \$645.56

RECEIPTS DETAIL					
Receipt #	Trans. Date	Name	Payment Type	Payment Type #	Amount
1,093	8/7/2001		Check	12784	\$254.31
1,198	9/25/2001	Contractor	Check	8302	\$391.25



City of Los Alamitos

3191 Katella Avenue
Los Alamitos, CA 90720
(562) 431-3538

PERMIT / PLAN REVIEW APPLICATION

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 6914629 Exp. Date 2/28/03

Signature of Contractor: [Signature]

OWNER - BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9, commencing with Section 7000 of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving he or she did not build or improve for the purpose of sale).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

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I hereby affirm under penalty of perjury one of the following:

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I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier FRO Insurance Broker

Policy Number FW 999 84585

(This section need not be completed if the permit is for one hundred dollars or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation Laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 9/25/01 Applicant [Signature]

WARNING: Failure to secure Workers' Compensation Coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to One Hundred Thousand Dollars (\$100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest and attorney's fees.

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Lender's Address _____

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Date _____ Signature _____

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NAME Mik Remisino TITLE superintendent
Print name and title

I certify that I have read this application and state that the above information is correct and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption from the Worker's Compensation provisions of the Labor Code, I should become subject to such provisions, I will forthwith comply. In the event I do not comply with Workmen's Compensation law, this permit shall be deemed revoked.

SIGNATURE [Signature] DATE 9/25/01

045.092##_4665 Lampson Avenue

4665 Lampson Avenue
Los Alamitos, CA 90720

Inquiry Number: 7035967.5

July 04, 2022

The EDR-City Directory Image Report

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SECTION

Executive Summary

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1987	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1982	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1976	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1973	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1966	<input type="checkbox"/>	<input type="checkbox"/>	General Telephone Co

FINDINGS

TARGET PROPERTY STREET

4665 Lampson Avenue
Los Alamitos, CA 90720

Year CD Image Source

LAMPSON AVE

2014	pg A6	EDR Digital Archive	
2010	pg A11	EDR Digital Archive	
2005	pg A16	EDR Digital Archive	
2000	pg A21	EDR Digital Archive	
1995	pg A25	EDR Digital Archive	
1992	pg A28	EDR Digital Archive	
1987	pg A31	Haines Criss-Cross Directory	
1982	-	Haines Criss-Cross Directory	Street not listed in Source
1976	-	Haines Criss-Cross Directory	Street not listed in Source
1973	-	Haines Criss-Cross Directory	Street not listed in Source
1966	-	General Telephone Co	Street not listed in Source

FINDINGS

CROSS STREETS

Year CD Image Source

IRONWOOD AVE

2014	pg. A2	EDR Digital Archive	
2010	pg. A7	EDR Digital Archive	
2005	pg. A12	EDR Digital Archive	
2000	pg. A17	EDR Digital Archive	
1995	pg. A22	EDR Digital Archive	
1992	pg. A26	EDR Digital Archive	
1987	pg. A29	Haines Criss-Cross Directory	
1987	pg. A30	Haines Criss-Cross Directory	
1982	-	Haines Criss-Cross Directory	Street not listed in Source
1976	-	Haines Criss-Cross Directory	Street not listed in Source
1973	-	Haines Criss-Cross Directory	Street not listed in Source
1966	-	General Telephone Co	Street not listed in Source

City Directory Images

IRONWOOD AVE 2014

4141 GUO, FELIX D
4148 ABDULNOUR, JASON A
4149 BADDELEY, ARNOLD W
4156 SPRINGOSKY, GEORGE J
4157 RASMUSSEN, RHODA K
4161 OCCUPANT UNKNOWN,
4165 NAFARRETE, BEATRIZ L
4173 WILLIAMS, KSATRIA G
4180 JENKIN, ANTHONY D
4181 SCRUGGS, STEPHEN A
4188 LOPEZ, RUTH
4189 HART, SHANA M
4196 AGUIRRE, PATRICK S
TRADESMAN CONSTRUCTION
4197 CHEN, SHUCHIEN C
4200 LUNDBLAD, BART L
4201 COLANGELO, ROBERT M
4208 STANLEY, MARK T
4209 YAMASHIRO, BRYCE K
4217 REYNGOLD, ILYA
4221 BRANNON, DAMON A
4224 HATFIELD, DONNA M
4225 ANDERSON, EVELYN D
4232 MARTIN, RYAN P
4233 RAMSEYER, RICHARD C
4241 OCCUPANT UNKNOWN,
4249 NAVARRO, MARCO A
4253 YEELAM, VICKIE D
4257 FAINA, TONY
4265 FREELAND, DOUGLAS J
4273 RICE, JERRY
4281 DELUCA, HELEN M
4288 MEYER, HEATHER
4289 CASTILLO, JERALD C
4297 DRAKE, JEREMY L
4300 HENDRICKSON, MICHAEL C
4301 OCCUPANT UNKNOWN,
4308 LEW, DENNIS T
4309 ANDERSEN, LILA L
4312 MACIAS, EDMOND R
4313 HERBERT, MARC S
4316 GILBERTSON, JAN I
4317 HATTEN, JANICE J
4324 TAM, REX
4325 SANDUSKY, LINDA J
4332 MCCONNELL, JAMIE
4333 BARRETT, JEANI A
4340 OCCUPANT UNKNOWN,
4341 OCCUPANT UNKNOWN,
4348 HOWARD, NATHAN W

IRONWOOD AVE 2014 (Cont'd)

4349 SNAVELY, RICHARD C
4356 MURAMOTO, MICHIIYA M
4357 CHOW, MARK J
4364 GOLDSMITH, ELLEN R
4365 MAC, BRYAN C
4372 OCCUPANT UNKNOWN,
4373 GALLAGHER, JOHN A
4380 KIM, DAE Y
4381 LANG, NANCY J
4388 COATES, ANDREW J
4389 LEE, ALBERT F
4396 GINSBURG, ALAN M
4397 MAA, EUGENE H
4400 LIEBERMAN, ROBERT D
4401 PLUMLEE, BRET M
4408 LEE, DENNIS S
4409 FOGARTY, KATHLEEN G
4416 KLEIN, BRUCE A
4417 KERN, AARON R
4424 OCCUPANT UNKNOWN,
4425 OCCUPANT UNKNOWN,
4432 MORGAN, ED V
4433 CAMPBELL, DONALD C
4440 HUANG, MEI L
4441 NICOLAS, LAURA
4448 LEIBY, WILLIAM J
4449 MARTINEZ, EIDER A
4456 HIVELY, STUART E
4457 ABSLAG, WILLIAM E
4464 FITZGIBBONS, BILLY R
4465 TWOMBLEY, GARY S
4509 CROWE, RICHARD K
4516 UYETAKE, KENNY
4517 MORALES, MARINA G
4524 DAVIS, TROY G
4525 OKAZAKI, JOYCE Y
4532 OCCUPANT UNKNOWN,
4533 HARDWICK, DONNA K
4540 BLAKE, JAMES H
4541 SAKOWSKI, DAVID J
4548 MANSOUR, RAMZI F
4549 MEYERS, BEATRICE K
4556 DOMINGUEZ, CHRISTOPHER J
4557 GANATTA, TIM S
4564 KIRSNIS, KIM A
4572 CASSEDY, PAUL F
4573 OCCUPANT UNKNOWN,
4580 ANDERSEN, PATRICIA E
4581 AGUILAR, ROBERT J
4588 MONAGHAN, MATTHEW B

IRONWOOD AVE 2014 (Cont'd)

- ✓

4589	SICKEL, DONALD P
4600	SKERIS, SHAUN M
4601	DAY, KEVIN A
4608	DEGRACIA, TED F
4609	SKIBBY, BRUCE J
4616	CURRY, RICHARD J
4624	TRAYLOR, LORRAINE D
4625	BUSSE, BEN R
4632	STRATTON, CHARLES C
4633	MUNDO, IGNACIO
4640	ADAMS, KENNETH M
4641	LAURIE, ROBERT P
4648	TAKESHITA, NATHAN I
4649	PAK, NAOMI Y
4656	CHANG, ANTHONY J
4657	OCCUPANT UNKNOWN,
4664	HUFFINGTON, HECTOR
4665	ROELOFS, ALEXANDER P
4672	NATTRESS, DONALD D
4673	GARLAND, DOUGLAS B
4680	FERNANDEZ, MARTHA C
4681	REYNOLDS, PATRICIA A
4688	MORRISON, RAY F
4689	OCCUPANT UNKNOWN,
4697	FERLETIC, OSCAR F
4701	KAYO, STEPHEN B
4749	CHRISTENSEN, KATHLEEN B
4757	OCCUPANT UNKNOWN,
4764	COTE, CHRISTYN R
4765	CARUSO, PHILIP D
4771	MILLER, MITCHELL G
4772	RIORDAN, RYAN P
4773	PHELPS, JAMES C
4780	LUEVANO, MICHAEL A
4781	DELUCA, ANTHONY C
4788	KOCHEVER, GENE D
4789	BRAZILE, ERIC
4800	OCCUPANT UNKNOWN,
4801	BUSSE, JEFFREY P
4808	SULLIVAN, HOMER W
4809	AMERICAN PAPER PLASTIC SERVI OCCUPANT UNKNOWN,
4816	MENDES, JOSE A
4817	JANSSEN, ROLF W
4824	SUGIHARA, THOMAS K
4832	OCCUPANT UNKNOWN,
4833	LARSON, ADAM M
4840	CLARK, JAMES S
4841	BUSH, JONATHAN A
4848	MISKELLEY, SUSAN M

IRONWOOD AVE 2014 (Cont'd)

4849	EUBANKS, LYNNE M
4856	HARDING, WILLIAM F
4857	SPAULDING, ROBERT L
4864	CUNNINGHAM, JOSHUA E
4865	COOPER, SUSAN A
4872	GARBER, ROBERT O
4873	WILDERMAN, ROBERT G
4880	BOLINGER, DAVID U
4881	ANDERSON, DAVID E
4888	OCCUPANT UNKNOWN,
4889	OCCUPANT UNKNOWN,
4900	KROGH, IVER
4908	BOLAND, JASON
4909	SERETAN, ANDREW M
4916	OCCUPANT UNKNOWN,
4917	HAN, PHIL T
4924	OCCUPANT UNKNOWN,
4925	ROSETE, EDWARD
4933	TAKASHIMA, HIDETOSHI H
4941	SCHLUMPF, ROBERT F
4949	RAMSEYER, KENT C

LAMPSON AVE 2014

3805 OLD RANCH COUNTRY GOLF CLUB
3840 GROGAN, JUANITA K
PLINK, MARILYN
3845 OLD RANCH COUNTRY CLUB & TENNIS CLUB
3850 FASHING EDIE
HAACK, VIRGINIA L
JEFFERS, JEAN A
SUNRISE ASSISTED & INDEPENDENT LIVIN
SUNRISE SENIOR LIVING
VINCI, CATHERINE N
WEISENBERGER, HARRIET L
3901 CITY OF SEAL BEACH
OLD RANCH COUNTRY CLUB
3903 CABLE TV OF SEAL BEACH
4000 CHEVRON STATION SEAL BEACH
COLLEGE PARK MOBILE
MUSTANG MARKETING INCORP
NIRVIAR CORP
4665 JAMES J MENTAS ATTORNEY AT LAW
LAW OFFICES OF TIMOTHY L OREILLY
STATE OF CALIFORNIA
WEST ED
5001 SMYTHE, VERNON B
5011 JENKINS, MICHAEL G
5021 LANE, D
5031 MIKLAS, JANICE C
5041 LICATA, PATRICIA L
5141 SUTTON, GARY M
5151 KRISHNAN, VENKATESHWARAN
5161 SWINEHART, BARBARA A
5171 QUINN, RICHARD A
5181 DEHERTOGHE, RONALD D

IRONWOOD AVE 2010

4141 GUO, FELIX D
LINKART SYSTEMS
4148 ABDULNOUR, JASON A
4149 KEENEY, MAKENZIE
4156 SPRINGOSKY, GEORGE J
4157 RASMUSSEN, RHODA K
4161 STONE, MICHAEL B
4165 NAFARRETE, VINCENT M
4173 MCGRATH, THOMAS T
4180 SCHUGG, BILL G
4181 SCRUGGS, WILLIAM S
4188 LOPEZ, RUTH
4189 HART, JAMES S
4196 BARRAS, BRADLEY W
4197 CHEN, SHUCHIEN C
4200 LUNDBLAD, HERBERT L
4201 COLANGELO, TERESA E
4209 YAMASHIRO, BRYCE K
4217 REYNGOLD, GABE
4221 BRANNON, DAMON A
4224 HATFIELD, DONNA M
4225 FURON, MARC J
4232 CRAVENS, ROBERT C
4233 RAMSEYER, RICHARD C
4241 SEKI, GLENN K
4249 OCCUPANT UNKNOWN,
4253 YELLAM, VICKIE D
4257 FAMA, LOLA F
4265 FREELAND, MATTHEW J
4273 RICE, JERRY
4280 KAPLAN, RONNI S
4281 OCCUPANT UNKNOWN,
4288 MEYER, DAVID M
4289 WHITE, JERALD C
4297 HALFHILL, LARRY J
4300 HENDRICKSON, MICHAEL C
4301 OCCUPANT UNKNOWN,
4308 OCCUPANT UNKNOWN,
4309 ANDERSEN, LILA L
4312 MACIAS, EDMOND R
4316 GILBERTSON, JAN I
4317 HATTEN, JANICE J
4324 TAM, REX
4325 SANDUSKY, RICHARD F
4332 STUMPFL, STEPHEN J
4333 BOOTHE, RICHARD M
4340 BILLIK, LAWRENCE S
4341 NELSON, JUDITH S
4348 THOMSEN, TERRY D
4356 MURAMOTO, MICHIIYA M

IRONWOOD AVE 2010 (Cont'd)

4357 GARDNER, ALAN P
4364 LAIBSON, HOWARD O
4365 MAC, SOO J
4372 ERRICKSON, ROBERT W
4380 KIM, DAE Y
4381 LANG, NANCY J
4388 COATES, WILLIAM H
4389 LEE, ALBERT F
4396 GINSBURG, ALAN M
4397 MAA, EUGENE H
4401 NUNEZ, DAVID G
4408 LEE, DENNIS S
4409 ARMSTRONG, CHUCK E
4416 COHEN, HARVEY F
4417 OCCUPANT UNKNOWN,
4424 BOLES, MARC S
4425 TWILLEY, MARY E
4432 GOMEZ, VICENTE
4433 CAMPBELL, DONALD W
4440 HUANG, MEI L
4441 HUNDERTMARK, JANET E
4448 LEIBY, WILLIAM J
4449 MARTINEZ, EIDER A
4456 HIVELY, STUART V
4457 ABSLAG, WILLIAM E
4464 FITZGIBBONS, BILLY R
4465 TWOMBLEY, GARY S
4509 CROWE, RICHARD K
4516 SASUGA, PAMELA W
4524 GUNNING, JOHN J
4525 OKAZAKI, JOYCE Y
4532 OTTAVIANO, RICHARD P
4533 OCCUPANT UNKNOWN,
4540 BLAKE, JAMES H
4548 MANSOUR, RAMZI F
4549 MEYERS, BEATRICE K
4556 DOMINGUEZ, JEROME V
4557 GANATTA, TIM S
4564 OCCUPANT UNKNOWN,
4565 OCCUPANT UNKNOWN,
4572 CASSEDY, PAUL F
4573 OCCUPANT UNKNOWN,
4580 WARD, BRIAN L
4581 CURREY, JD
4588 MONAGHAN, MATTHEW B
4589 SICKEL, DONALD P
4600 FARCAS, NICODIN
4601 OCCUPANT UNKNOWN,
4608 BERNARDES, REBECCA L
4609 SKIBBY, BRUCE J

IRONWOOD AVE 2010 (Cont'd)

4616	CURRY, RICHARD J
4617	SCHUTZ, FREDERIC J
4624	TRAYLOR, ARCHIE D
4625	BUSSE, BEN R
4632	STRATTON, CHARLES C
4633	HINTZKE, BERYLE L
4640	ADAMS, KENNETH M
4641	LAURIE, DIANA P
4648	OCCUPANT UNKNOWN,
4649	OCCUPANT UNKNOWN,
4656	CHANG, ANTHONY J
4657	OCCUPANT UNKNOWN,
4664	HUFFINGTON, HECTOR
4665	ROELOFS, ASHLEY
4673	GARLAND, DOUGLAS B
4680	FERNANDEZ, MARTHA C
4681	REYNOLDS, PATRICIA D
4688	MORRISON, RAY F
4689	OCCUPANT UNKNOWN,
4697	FERLETIC, OSCAR F
4701	KAYO, STEPHEN B
4741	YU, TED T
4749	CHRISTENSEN, DONALD G
4764	CHOE, JOSEPH Y
4765	FERRARO, WILLIAM V
4771	MILLER, MITCHELL G
4772	RIORDAN, RYAN P
4773	VOTINO, JOSIE L
4780	CAZARES, CARLOS
4781	DELUCA, ANTHONY C
4788	KOCHEVER, GENE D
4789	BRAZILE, ERIC E
4800	OCCUPANT UNKNOWN,
4801	BUSSE, JEFFREY P
4808	TAKESHITA, TIMOTHY Y
	TIM TAKESHITA & ASSOC LLC
4809	LOCKE, PATRICIA J
4816	MENDES, JOSE A
4817	JANSSEN, ROLF W
4824	SUGIHARA, THOMAS Y
4825	TESSIER, JON R
4832	OCCUPANT UNKNOWN,
4833	LARSON, ADAM M
4840	CLARK, HELEN J
4841	BUSH, JONATHAN A
4848	CLYBURN, MICHAEL A
4849	EUBANKS, JERRY J
4856	HARDING, WILLIAM F
4857	SPAULDING, ROBERT L
4864	KLUSS, BYRON C

IRONWOOD AVE 2010 (Cont'd)

4865	ROTH, JOE A
4872	GARBER, ROBERT O
4873	WILDERMAN, ROBERT G
4880	BOLINGER, DAVID U
4881	ANDERSON, DAVID E
4888	AUTOCONXION MOORE, RONALD H
4889	OCCUPANT UNKNOWN,
4900	KROGH, ISABELLA M
4908	EMILIO, DANIEL G
4909	RJR PERFORMANCE SOLUTIONS SERETAN, ANDREW M
4916	SMITSON, ERIC C
4917	HAN, PHIL T
4924	SMITSON, LANCE E
4925	ROSETE, EDWARD
4933	OCCUPANT UNKNOWN,
4941	SCHLUMPF, ROBERT F
4948	MURPHY, TIMOTHY J
4949	HASTINGS, RICHARD E

LAMPSON AVE 2010

3805 OLD RANCH COUNTRY CLUB GOLF
3845 OLD RANCH GOLF PRACTICE CTR
3850 ROBBINS, JOYCE W
RUSSELL, JOYCE M
SUNRISE SENIOR LIVING
WIELERT, DOROTHY M
3900 COBEACH TENNIS CTR
SEAL BEACH TENNIS CTR
3901 OLD RANCH COUNTRY CLUB
4000 CHEVRON
4665 WEST ED
5001 DITCO
SMYTHE, VERNON B
5011 JENKINS, MICHAEL G
5021 LANE, E J
5031 MIKLAS, JANICE C
5041 LICATA, PATRICIA L
5141 SUTTON, GARY M
5151 DUBIN, WILLIAM D
5161 SWINEHART, BARBARA A
5171 OCCUPANT UNKNOWN,
5181 OCCUPANT UNKNOWN,

IRONWOOD AVE 2005

4141 GUO, FELIX D
LINKART SYSTEMS
4148 NOUR, JASON A
4149 KOWAL, DANIEL J
4156 SPRINGOSKY, GEORGE J
4157 RASMUSSEN, RHODA K
4161 STONE, MICHAEL B
4165 NAFARRETE, VINCENT M
4173 OCCUPANT UNKNOWN,
4180 BISTOCCHI, MICHAEL A
4181 GRUNWALD, GENEVIEVE F
4188 LOPEZ, ULISES M
4189 HART, JAMES S
4196 WILSON, CLIFFORD F
4197 CHEN, SHUCHIEN C
4201 OCCUPANT UNKNOWN,
4208 PENGRA, ROY B
4209 YAMASHIRO, BRYCE K
4217 REYNGOLD, ILYA
4221 BRANNON, SHARON D
4224 HATFIELD, DONNA M
4225 FURON, MARC J
4232 CRAVENS, ROBERT C
4233 RAMSEYER, RICHARD C
4249 NAVARRO, MARCO A
4253 SAWYER, GWEN F
4257 FAMA, LOLA
4265 FREELAND, DOUGLAS J
4273 LESTER, GREGORY J
4280 KAPLAN, ROBERT A
4288 LA INC
4289 WHITE, JERALD C
4297 HALFHILL, LARRY J
4300 DENISE T SHINTANI
SHINTANI, DENNIS T
4301 OCCUPANT UNKNOWN,
4303 FIFE, PHILLIP A
4308 LEW, ANDREW T
4309 ANDERSEN, LILA L
4312 MACIAS, EDMOND A
4313 HERBERT, FRANK J
4316 GILBERTSON, JAN I
4317 HATTEN, JANICE J
4324 TAM, REX
4325 SANDUSKY, RICHARD F
4332 STUMPFL, STEPHEN J
4333 SICHTERMANN, DAVID
4340 BILLIK, LAWRENCE S
4341 ALLARD, BRENT
4348 THOMSEN, TERRY D

IRONWOOD AVE 2005 (Cont'd)

4356 MURAMOTO, MICHIIYA M
4357 GARDNER, ALAN P
4364 LAIBSON, HOWARD O
4365 OCCUPANT UNKNOWN,
4372 ERRICKSON, ROBERT W
4373 GALLAGHER, JOHN A
TWO WACKY WOMEN
4380 KIM, DAE Y
4381 LANGE, ROGER J
4388 COATES, WILLIAM H
4396 GINSBURG, ALAN M
4397 OCCUPANT UNKNOWN,
4400 LIEBERMAN, ROBERT D
4408 LEE, DENNIS S
4409 FOGARTY, KATHLEEN G
4416 COHEN, HARVEY F
4417 OCCUPANT UNKNOWN,
4424 OCCUPANT UNKNOWN,
4425 TWILLEY, HAROLD F
4432 OPSTAD, DAVID B
4433 CAMPBELL, DONALD W
4440 HUANG, MEI L
4441 WIRTH, STEVE E
4448 LEIBY, WILLIAM J
4449 MARTINEZ, EIDER A
4456 HIVELY, STUART V
4457 ABSLAG, WILLIAM E
4464 FITZGIBBONS, BILLY R
4465 TWOMBLY, GARY S
4509 CROWE, RICHARD K
4516 SASUGA, PAMELA C
4517 JEONG, CHANG R
4524 GUNNING, JOHN J
4525 OKAZAKI, JAMES K
4532 OTTAVIANO, RICHARD P
4533 OCCUPANT UNKNOWN,
4540 BLAKE, JAMES H
4541 SAKOWSKI, JASON P
4548 MANSOUR, RAMZI F
4549 MEYERS, BEATRICE K
4556 DOMINGUEZ, JEROME J
4557 GANATTA, TIM S
4564 OCCUPANT UNKNOWN,
4565 OCCUPANT UNKNOWN,
4572 OCCUPANT UNKNOWN,
4573 OCCUPANT UNKNOWN,
4580 CHERRY FLATS ASSOCIATION INC
WARD, BRIAN L
4581 HOLST, TED J
4588 EGBERT, GEORGE D

IRONWOOD AVE 2005 (Cont'd)

4589 SICKEL, DONALD P
4600 MANDEL, LOU S
4601 DAY, KEVIN A
4608 OCCUPANT UNKNOWN,
4609 BUSH, BRUCE J
4616 CURRY, RICHARD J
4617 ORTIZ, DEBORAH
4624 TRAYLOR, ARCHIE D
4625 BUSSE, BEN R
4632 STRATTON, CHARLES C
4640 ADAMS, KENNETH M
4641 LAURIE, ROCCO P
4648 OCCUPANT UNKNOWN,
4649 ALLER, STEPHEN L
4656 CHANG, ANTHONY
4657 OCCUPANT UNKNOWN,
4664 MARTINEZ, LIDIA
4665 ROELOFS, D
4672 NATTRESS, DONALD D
4673 CARL, JACK B
4680 FERNANDEZ, MARTHA C
4681 REYNOLDS, PATRICIA D
4688 MORRISON, RAYMOND F
4689 YAMAMI, BRIAN Y
4697 OCCUPANT UNKNOWN,
4701 KAYO, STEPHEN B
4741 YU, TSU M
4749 CHRISTENSEN, KATHLEEN
4764 CHOE, JOSEPH Y
4765 OCCUPANT UNKNOWN,
4772 MILLER, MITCHELL G
4773 TABOR, ARIEL
4780 CAZARES, CARLOS
4781 DELUCA, ANTHONY C
4788 KOECHEVER, GENE D
4789 BRAZILE, ERIC E
4800 OCCUPANT UNKNOWN,
4801 BUSSE, JEFFREY P
4808 TAKESHITA, TIMOTHY Y
TIM TAKESHITA & ASSOCS
4809 LOCKE, PATRICIA J
4816 MENDES, JOSE A
4817 JANSSEN, ROLF W
4824 CHEETHAM, DAVID
4825 TESSIER, JON R
4832 OCCUPANT UNKNOWN,
4833 A DINNER AFFAIR
LARSON, ADAM M
4840 CLARK, HELEN J
4841 ROANE, STEVE C

IRONWOOD AVE 2005 (Cont'd)

4848	MCDONALD, MICHAEL C
4849	EUBANKS, JERRY J
4856	HARDING, WILLIAM F
4857	SPAULDING, ROBERT L
4864	KLUSS, BYRON C
4865	ROTH, JOSEPH A
4872	GARBER, ROBERT O
4880	RIVERA, BRUCE M
4881	ANDERSON, DAVID E
4888	OCCUPANT UNKNOWN,
4889	OCCUPANT UNKNOWN,
4900	OCCUPANT UNKNOWN,
4908	EMILIO, JONATHAN TECHVAYNE
4909	REA, ROSALINDA J
4916	OCCUPANT UNKNOWN,
4917	LY, HIEN T
4924	TAYENAKA, WALTER
4925	DRUM, ELVIRA M
4933	VACCARO, THOMAS
4941	OCCUPANT UNKNOWN,
4948	MURPHY, TIMOTHY J
4949	RAMSEYER, KENT C

LAMPSON AVE 2005

3840 PERRY, PEGGY
3845 OLD RANCH GOLF PRACTICE CENTER
3850 METJE, DONALD G
SUNRISE OF SEAL BEACH
TRIMMER, CHARLENE M
VUKELICH, JOHN B
3900 OLD RANCH TENNIS SHOP
3901 OLD RANCH COUNTRY CLUB
3950 SUNRISE ASSISTED & INDEPENDENT LIVIN
4000 COLLEGE PARK MOBILE
NIRVIAR CORP
4665 CALIFORNIA STATE UNIVERSITY
STATE OF CALIFORNIA FISH AND GAME
WESTED
WESTED LAB FOR EDUCATION RES & DEVE
5001 DIVERSIFIED INTL TRADING
SLATTON, CHRIS V
SMYTHE & ASSOCIATES
5011 JENKINS, MICHAEL
5021 LANE, E J
5031 NIKLAS, JANICE C
5041 LICATA, PATRICIA L
5151 DUBIN, WILLIAM D
5161 SWINEHART, BARBARA A
5171 OCCUPANT UNKNOWN,
5181 OCCUPANT UNKNOWN,

IRONWOOD AVE 2000

4141 GUO, LILLIAN
4148 NOUR, JASON A
4149 KOWAL, DANIEL
4156 SPRINGOSKY, GEORGE
4161 OCCUPANT UNKNOWN,
4165 OCCUPANT UNKNOWN,
4173 ARNDT, HAROLD G
4180 SCHUGG, DOROTHY J
4181 GRUNWALD, G F
4188 OCCUPANT UNKNOWN,
4189 HART, SHANA
4196 WILSON, C F
4197 CHEN, S C
4200 LUNDBLAD, TAMARA S
4201 OCCUPANT UNKNOWN,
4208 PENGRA, ROY
4209 YAMASHIRO, BRYCE K
4217 REYNGOLD, ILYA
4221 BRANNON, SHARON
4224 HATFIELD, HAROLD K
4225 FURON, MARC K
4232 CRAVENS, MARION
4233 RAMSEYER, RICHARD C
4241 OCCUPANT UNKNOWN,
4249 NAVARRO, MARCO A
4253 YEAGER, LILLIAN F
4257 FAMA, TONY J
4265 FREELAND, DOUG
4280 OCCUPANT UNKNOWN,
4281 OCCUPANT UNKNOWN,
4288 OCCUPANT UNKNOWN,
4289 WHITE, JERALD C
4297 NICOLAOU, BESSIE
4300 SHINTANI, DENNIS T
4301 FIFE, PHILLIP K
4303 FIFE, E A
4308 LEW, GRACE H
4309 ANDERSEN, LILALEE
4312 MACIAS, EDMOND
4313 KOSS, WILLIAM J
4316 OCCUPANT UNKNOWN,
4317 OCCUPANT UNKNOWN,
4324 TAM, REX
4325 SANDUSKY, LINDA
4332 STUMPFL, STEPHEN J
4340 BILLIK, LARRY S
4341 OCCUPANT UNKNOWN,
4348 OCCUPANT UNKNOWN,
4349 SNAVELY, RICHARD C
4356 OCCUPANT UNKNOWN,

IRONWOOD AVE 2000 (Cont'd)

4357 GARDNER, ALAN
4364 LAIBSON, HOWARD O
4365 CLASEN, JOE
4372 ERRICKSON, ROBERT W
4373 GALLAGHER, JOHN A
4380 KIM, DAE Y
4381 OCCUPANT UNKNOWN,
4388 COATES, WILLIAM H
4389 OCCUPANT UNKNOWN,
4396 GINSBURG, ALAN M
4397 OCCUPANT UNKNOWN,
4400 LIEBERMAN, NORMAN
4401 OCCUPANT UNKNOWN,
4408 LEE, DENNIS S
4409 FOGARTY, KATHY
4416 COHEN, HARVEY
4417 KERN, AARON R
4424 WILLIAMS, FOSTER
4425 OCCUPANT UNKNOWN,
4432 OCCUPANT UNKNOWN,
4433 CAMPBELL, DONALD W
4440 HUANG, GLORIA W
4441 RUNDUS, KATHRIN
WIRTH, STEVEN
4448 LEIBY, WILLIAM J
4449 MARTINEZ, KELLY J
4456 OCCUPANT UNKNOWN,
4457 ABSLAG, WILLIAM E
4509 CROWE, RICHARD J
4516 TILLERY, ROBERT J
4517 JEONG, CHANG
4524 MUNOZ, A M
4525 OCCUPANT UNKNOWN,
4532 OTTAVIANO, RICHARD
4540 OCCUPANT UNKNOWN,
4548 MANSOUR, RAMZI
4549 MEYERS, ALVIN
4556 DOMINGUEZ, JEROME J
4557 OCCUPANT UNKNOWN,
4564 OCCUPANT UNKNOWN,
4565 EWART, ROBERT M
4572 PIETRINI, GENE
4573 OCCUPANT UNKNOWN,
4580 LANS, WALTER P
4581 OCCUPANT UNKNOWN,
4588 OCCUPANT UNKNOWN,
4589 SICKEL, DONALD P
4600 OCCUPANT UNKNOWN,
4601 LINSKEY, C T
4609 BUSH, I

IRONWOOD AVE 2000 (Cont'd)

4616 WANG, MICHAEL W
4617 SCHUTZ, F J
4624 TRAYLOR, ARCHIE
4625 BUSSE, BEN R
4632 STRATTON, CHARLES
4633 HINTZKE, HERBERT C
4640 ADAMS, DENISE R
4641 LAURIE, ROCCO P
4648 TAKESHITA, NATHAN
4649 ALLER, STEPHEN
4656 OCCUPANT UNKNOWN,
4657 ARAMBULA, LORENZO
4664 KAI, DONNA J
4665 OCCUPANT UNKNOWN,
4668 OCCUPANT UNKNOWN,
4672 NATTRESS, DONALD D
4673 CARL, JACK B
4680 BRIONES, NARCISO
4681 OCCUPANT UNKNOWN,
4688 OCCUPANT UNKNOWN,
4689 YAMAMI, BRIAN Y
4697 FERLETIC, OSCAR F
4772 MILLER, V R
4773 PHELPS, JAMES C
4780 CENTOBENE, WILLIAM J
4781 DELUCA, ANTHONY
4788 KOCHEVAR, GENE D
4789 BRAZILE, ERIC E
4800 OCCUPANT UNKNOWN,
4801 BUSSE, JEFFREY P
4808 OCCUPANT UNKNOWN,
4809 LOCKE, JAMES D
4816 MENDES, JOSE A
4817 KINGAN, RICHARD
4824 OCCUPANT UNKNOWN,
4825 TESSIER, JON
4832 CHANG, MICHAEL
4833 SHELDON, M H
4840 CLARK, JAMES S
4841 ROANE, H K
4848 MCDONALD, PATTY
4849 EUBANKS, JERRY M
4856 HARDING, WILLIAM F
4857 SPAULDING, ROBERT
4864 KLUSS, BYRON C
4865 WOYJECK, JOE
4872 THORNBERRY, KIM
4873 OCCUPANT UNKNOWN,
4880 RIVERA, BRUCE M
4881 ANDERSON, DAVID R

IRONWOOD AVE 2000 (Cont'd)

4888 OCCUPANT UNKNOWN,
4889 HARRIS, JEFFREY
4900 KROGH, I
4908 EMILIO, DANIEL G
4909 REA, ROSALIN
SERETAN, ANDREW
4916 MCFARLAND, TONY C
4917 LY, KHANH T
4924 BONGIORNO, FRANK A
4925 COBO, FRANCIS L
4933 SCRUGGS, SCOTT
4941 SAWYER, W
4949 MURPHY, TIMOTHY R

LAMPSON AVE 2000

5001 SLATTON, HELEN
5011 OCCUPANT UNKNOWN,
5021 LANE, E J
5031 MIKLAS, JANICE C
5041 PETERSON, LOWELL B
5131 OCCUPANT UNKNOWN,
5151 OCCUPANT UNKNOWN,
5161 SWINEHART, BARBARA A
5171 WOOLPERT, DENISE A

IRONWOOD AVE 1995

4141 GUO, LILLIAN
4148 GRAHAM, STEPHEN P
4149 KOWAL, DANIEL J
4156 SPRINGOSKY, GEORGE
4157 OCCUPANT UNKNOWNN
4161 OCCUPANT UNKNOWNN
4165 OCCUPANT UNKNOWNN
4173 ARNDT, DEAN H
4180 SCHUGG, BILL
4181 FLINT, SUSAN
4188 LOPEZ, ULISES M
4189 SHIPLEY, LARRY
4196 WILSON, C F
4197 CHEN, HUI W
4200 HOWELL, SHERRYL
4201 COLANGELO, JOSEPH
4208 PENGRA, ROY
4209 JACKSON, JAMES E
4217 BINGLO
CONFORTI, LOUIS J
4221 BRANNON, SHARON
4224 HATFIELD, HAROLD K
4225 OCCUPANT UNKNOWNN
4232 AHMADINIA, SAMAD
4233 RAMSEYER, RICHARD C
4241 KESTER, LARRY A
4249 OCCUPANT UNKNOWNN
4253 OCCUPANT UNKNOWNN
4257 OCCUPANT UNKNOWNN
4265 FREELAND, DOUG
4273 DENUNZIO, DAVID L
4281 OCCUPANT UNKNOWNN
4288 OCCUPANT UNKNOWNN
4289 DANKO, RONALD
4297 OCCUPANT UNKNOWNN
4301 FIFE, PHILLIP K
4308 TALLET, RITA
4309 GOMEZ, PHILLIP
4312 MACIAS, EDMOND
4313 HORI, Y
4316 OCCUPANT UNKNOWNN
4317 HATTEN, RICHARD W
4324 TAM, REX
4325 SANDUSKY, LINDA
4332 STAUBS, HARRY L
4333 LATORRA, ROBERT A
4340 KAMM, BRIAN
4341 FARINA, DOUGLAS
4348 OCCUPANT UNKNOWNN
4349 SNAVELY, RICHARD C

IRONWOOD AVE 1995 (Cont'd)

4356 MURAMOTO, MICHIIYA
4357 CLARK, ELLIOT R
4364 LAIBSON, HOWARD O
4365 ORIGEL, SERGIO
4372 OCCUPANT UNKNOWNN
4373 GALLAGHER, JOHN A
4380 KIM, DAE Y
4381 VOLBEDA, SHELLY
4388 COATES, WILLIAM H
4389 OCCUPANT UNKNOWNN
4396 GINSBURG, ALAN M
4397 NICOLOFF, MARI
4400 LIEBERMAN, NORMAN
4401 OCCUPANT UNKNOWNN
4408 LEE, DENNIS S
4409 GHAZARIAN, SHANT P
4416 COHEN, HARVEY
4417 OCCUPANT UNKNOWNN
4424 WILLIAMS, FOSTER
4425 PATTERSON, JULIE D
4432 HAUN, DALLAS
4433 OCCUPANT UNKNOWNN
4440 HUANG, GLORIA W
4441 RUNDUS, KATHRIN
WIRTH, STEVEN
4449 HOCKING, FRED G JR
4456 MARKS, KAREN L
4457 ABSLAG, WILLIAM E
4464 MARIJANOVIC, ANTE
4465 ANSELMO, FRANK A
4509 CROWE, RICHARD J
4516 OCCUPANT UNKNOWNN
4517 JEONG, CHANG
4524 MUNOZ, ALBERT M
4525 OKAZAKI, JOYCE Y
4532 OTTAVIANO, RICHARD
4540 OCCUPANT UNKNOWNN
4541 SAKOWSKI, DANIEL A
4548 MANSOUR, RAMZI
4549 MEYERS, ALVIN
4556 COMBS, JOHN H
4557 OGDON, DANA
4564 OCCUPANT UNKNOWNN
4565 EWART, JOAN S
4572 PIETRINI, GENE
4573 LANSFORD, P
4580 LANS, WALTER P
4581 CLEVELAND, MILTON O
4588 EGBERT, JANET M
4589 OCCUPANT UNKNOWNN

IRONWOOD AVE 1995 (Cont'd)

4600	OCCUPANT UNKNOWNN
4601	OCCUPANT UNKNOWNN
4608	OCCUPANT UNKNOWNN
4616	SPLITTER, KURT W
4617	SCHUTZ, F
4624	TRAYLOR, ARCHIE
4625	BUSSE, BEN
4633	HINTZKE, BERYLE L
4640	SADLER, THOMAS C
4641	LAURIE, ROCCO P
4648	ROLLE, ARTHUR J
4649	ALLER, STEPHEN L
4656	FRAYTET, MICHAEL C
4664	KAI, DONNA J
4665	ROELOFS, DAPHNE
4672	NATTRESS, DONALD D
4673	CARL, JACK B
4680	BRIONES, NARCISO P
4681	REYNOLDS, P A
4688	DEPPERMAN, JULIE
4697	FERLETIC, OSCAR F
4701	KESSLER, JAMES L
4764	EMKEN, DOROTHY J
4765	OCCUPANT UNKNOWNN
4772	WING, GEORGE
4780	OCCUPANT UNKNOWNN
4781	DELUCA, ANTHONY
4788	OCCUPANT UNKNOWNN
4789	BRAZILE, ERIC E
4800	BIELMAN, ROY R
4801	BUSSE, JEFFREY P
4808	LEATART, D L
	SEPHTON, JAMES
4809	LOCKE, JAMES D
4816	OCCUPANT UNKNOWNN
4817	KINGAN, RICHARD L
4824	SUGIHARA, TOMMY Y

LAMPSON AVE 1995

3900	OLD RANCH TENNIS CLUB
4000	CYRUS MOBIL
4665	ASSOCIATION CA SCHL ADMNSTRTRS
	SWRL EDUCATION RESEARCH & DEV
	TITUS, AMANDA
5001	SLATTON, HELEN
5011	CORTENS, JIM
5021	LANE, E J
5031	MIKLAS, JANICE C
5041	LICATA, P L
5141	OCCUPANT UNKNOWNN
5151	TRIPP, WILLIAM
5161	SWINEHART, BARBARA A
5171	GRIFFITH, ALAN B

IRONWOOD AVE 1992

4141 GUO, LILLIAN
4156 SPRINGOSKY, GEORGE
4180 SCHUGG, BILL
4181 GRUNWALD, OTTO A JR
4189 SHIPLEY, LARRY
4201 COLANGELO, JOSEPH
4208 PENGRA, ROY
4209 JACKSON, JAMES E
4232 AHMADINIA, SAMAD
4233 RAMSEYER, RICHARD C
4241 KESTER, LARRY A
4253 YEAGER, L M
4265 FREELAND, DOUG
4280 KAPLAN, R
4289 SNAVELY, ROBERT N
4301 FIFE, PHILLIP K
4308 TALLEY, RITA D
4312 MACIAS, EDMOND
4313 JENNINGS, WILSON H
4316 ZAMOST, HELENE A
4324 DALLKE, HAL B
4325 SANDUSKY, L
4332 STAUBS, HARRY L
4333 LATORRA, ROBERT A
4341 FARINA, DOUGLAS
4349 SNAVELY, RICHARD C
4356 MURAMOTO, MICHIIYA
4365 SPINOSA, VINCENT A
4372 ERRICKSON, ROBERT W
4373 GALLAGHER, JOHN A
MITCHELL, SHELLI
4380 KIM, DAE Y
4381 WINEMAN, ROBERT
4389 HUBERMAN, RICHARD
4400 LIEBERMAN, NORMAN
4408 LEE, DENNIS S
4416 COHEN, HARVEY
4424 WILLIAMS, FOSTER
4425 PATTERSON, JULIE D
4432 HAUN, DALLAS
4440 HUANG, GLORIA W
4449 HOCKING, FRED G JR
4456 HIVEY, PAUL V
4457 ABSLAG, WILLIAM E
4509 CROWE, RICHARD J
4517 JEONG, CHANG
4524 MUNOZ, ALBERT M
4532 OTTAVIANO, RICHARD
4540 RAY, RONALD E
4548 MANSOUR, RAMZI

IRONWOOD AVE 1992 (Cont'd)

4549 MEYERS, ALVIN
4565 ANCHOR ENGINEERING
4572 PIETRINI, GENE
4573 LANSFORD, LARRY W
4600 SMITH, ROBERT C
4608 POLACEK, MICHAEL S
4624 TRAYLOR, ARCHIE
4640 SADLER, THOMAS C
4641 LAURIE, ROCCO P
4664 MCBEE, LONNIE K
4665 ROELOFS, DAPHNE
4673 CARL, JACK B
4697 FERLETIC, OSCAR F
4701 KESSLER, JAMES L
4764 EMKEN, DOROTHY J
4772 WING, GEORGE
4781 DELUCA, ANTHONY
4789 WEEGAR, RICHARD
4800 BIELMAN, ROY R
4808 LEATART, D L
SEPHTON, JAMES
4816 MENDES, JOSE
4833 SHELDON, M H
4840 CLARK, JAMES S
4841 ROANE, H K
4848 LINDLEY, JOHN H
4856 HARDING, WILLIAM F
4857 SPAULDING, ROBERT
4864 KLUSS, BYRON C
4865 MILLINGTON, J E
4873 WILDERMAN, ROBERT
4880 RIVERA, BRUCE M
4881 APPETITE CATERERS
4888 BLOOM, LES
4900 KROGH, VAN L
4909 REA, R
SERETAN, ANDREW
4916 P M H CARAMANNING
4924 PEARSON, JOHN



-

LAMPSON AVE 1992

3901	OLD RANCH CNTRY CLB
4000	CYRUS MOBIL CYRUS, MOBIL
4665	ASSOCTN CA SC 17 ASSOCTN CA SC ADMIN SOUTHWST LAB EDCTN
5021	LANE, E J
5031	MIKLAS, MILTON J

IRONWOOD AVE 1987

IRONWOOD AV 90740

SEAL BEACH

4141	GIELICZ FELIX	596-0043	
4156	SPRINGOSKY GEORGE	431-0086	8
4157	KOWAL PAUL C JR	596-9123	
4165	BENNETT SAMUEL COL	430-2070	
4180	SCHUGG BILL	598-3766	
4181	GRUNWALD OTTO A JR	596-9384	
4189	GARDNER WM G	594-8398	9
4196	PHILLIPS GREG	594-6465	1
	PHILLIPS ROBT M	596-2811	
4200	HAGBERG CHRIS	493-5832	
	HAGBERG VIOLA	493-5832	6
4201	COLANGELO JOSEPH	596-3945	
4208	PENGRA ROY	430-0929	
4209	JACKSON JAS E	598-6218	
4221	NUNNELLY CHAS	430-7040	9
4232	LEES L J CDR	596-7476	
4233	RAMSEYER RICHARD C	430-1784	
4253	YEAGER LAWRENCE M	598-4991	
4257	FAMA LOLA	596-5847	
	FAMA TONY	596-5847	
4280	WELSH RICHARD T	430-2733	
4281	XXXX	00	
4289	SNAVELY ROBT N	431-4739	
4301	FIFE PHILLIP K	430-4033	
4308	TALLET R	594-8503	1
4309	ONO D	431-4744	
	ONO T	431-4744	
4313	JENNINGS WILSON H	430-1347	
4324	DALLKE HAL B	598-6888	
4325	TINTI L	431-7152	2
4332	NEMIROV LAWRENCE	430-8231	6
4333	MCCABE JAS J 3D	596-9540	4
4340	SCHUMACHER OWEN	596-0674	3
4341	LEE DON	598-5162	0
4349	SNAVELY RICHARD COL	430-0066	
4356	MURAMOTO MICHIIYA	431-7347	
4365	SPINOSA VINCENT A	598-5236	
4372	ERRICKSON ROBT W	598-3495	
	ERRICKSON SUSAN M	430-5815	3
4373	GALLAGHER BILL	430-4170	3
	GALLAGHER JOHN A	596-0602	2
	MITCHELL SHELLI	430-4170	3
4380	KIM DAE Y	598-6223	
4388	KUHN JOHN G	431-8428	0
4389	HUBERMAN RICHARD	431-1648	0
4397	GLEIM DAVID W	594-8476	5
4408	LEE DENNIS S	596-0074	
4409	BLU MARSHALL H	598-3925	1
4416	COHEN HARVEY	598-3048	
4424	*MAR RAY ENGINEERING	995-4327	6
	WILLIAMS F RAY	430-8117	
4425	PATTERSON J DEAN	596-3724	
4440	HUANG G	430-5107	1
	*SPRINGTIDE CO INC	598-5854	1
4441	CASTLEN WM	430-0092	1
4448	ESCOE ADRIENNE	430-6479	
	ESCOE DAVID	430-6479	
4456	HIVELY PAUL V	596-0455	
4457	ABSLAG W E	598-2221	
4509	CROWE RICHARD J	430-4307	9
4516	TILLERY ROBT J	598-8390	9
4517	JEONG CHANG	594-6239	3
4524	MUNOZ A M	430-9109	
4540	RAY RONALD E	598-1854	
4548	MANSOUR RAMZI	596-2346	
4549	MEYERS ALVIN	430-9638	
4557	SANFORD MICHAEL C	493-4241	4
4565	*ANCHOR SYSTEMS	493-5379	6
4572	*ON THE GO	431-8025	5
4573	LANSFORD LARRY W	596-8762	8
4589	TIBBETT RICHARD E	598-4321	

IRONWOOD AVE 1987

IRONWOOD AV		90740 CONT..
4601	HOCKING FRED G JR	431-8193 1
4608	POLACEK DORIS P	431-7155
	POLACEK MICHAEL S	431-7155
4609	BUTTS ROBT D	431-2877
4617	CHENG KUANG CHENG	596-7498 4
4624	TRAYLOR ARCHIE	598-6588
4632	STRATTON CHAS JR	430-9166
4640	SADLER THOS C	430-1783
4641	LAURIE ROCCO P	596-2490
4649	MORTON THOS J	430-7986
4664	MCBEE L K	430-6978
4665	ROELOFS DAPHNEE D	598-2115
4673	CARL JACK B	596-3858
4680	BERKOWITZ LEONARD	594-8085 9
4688	POE WM R	596-4323
4697	FERLETIC OSCAR F	430-4828
4700	THOMAS DON	430-2585 5
4701	KESSLER JAS L	596-5063
4764	EMKEN D J	430-4594
4765	JOHNSON MARLENE	431-7246
4772	GRAF PAULA	430-3882 6
4781	DELUCA ANTHONY	596-0623
4789	WEEGAR RICHARD	596-1066 9
4800	BIELMAN ROY R	430-7852
4801	SULLIVAN THOS E	430-7249 2
4808	SEPHTON JAS	596-8352 4
4809	WILSON JERRY D	596-9114 2
4832	CHANG KXUNG HA	596-6606
	CHANG MICHAEL	596-6606
4833	SHELDON EDWARD A	430-3359
	SHELDON MARGARET	430-3359
4840	CLARK JAS S	430-7821
4841	ROANE H KENNETH	596-7788
4848	LINDLEY JOHN H	430-5975
4849	MAY ROBT H	598-5691
4856	HARDING WM F	430-2940
4857	SPAULDING ROBT	430-9384
4864	KLUSS BYRON C	596-5628
	KLUSS SELMA	596-5628
4865	MILLINGTON J E	430-3485
4873	WILDERMAN ROBT	431-6304 6
4880	STANEK JOHN	598-3139 9
4881	★ APPETITE CATERERS	596-4574 6
4888	BLOOM LES	598-1953 0
4900	KROGH VAN L	431-8389
4908	EMILIO DANL G	598-3701
	EMILIO SANDRA L	598-3701
4909	SCOTT RAYMOND	598-7957 9
4916	CANTRELLKEHOE L	594-8002 4
	KEHOE PETER A	594-8002 4
4924	STAECK WM E	598-1178
4925	XXXX	00
4933	HOYAL RICHARD	594-0541 5
4941	LYNCH GAIL ANN	493-7124 5
	LYNCH GAIL ANN	493-7123
	LYNCH ROBT H	493-7123
	LYNCH ROBT H	493-7124
★	5 BUS	123 RES 0 NEW

LAMPSON AVE 1987

LAMPSON AV 90720

LOS ALAMITOS

4665	★ ASSOCTN CA SC ADMIN	952-4202 +7
	★ SOUTHWEST LAB RSRCH	821-7790 5
5001	SLATTON H	894-3909 5
★	2 BUS	1 RES 1 NEW

LAMPSON AV 90740

SEAL BEACH

3901	★ OLD RANCH CNTRY CLB	847-8524 +7
	★ OLD RANCH CNTRY PRO	598-4611
	★ OLD RANCH TENNIS CLB	598-8624 0
4000	★ SAMS MOBIL	598-3513 3
8933	★ CALVARY APSTLC CHPL	842-9394 +7
★	5 BUS	0 RES 2 NEW

045.10352_4665 Lampson Ave., Los Alamitos, CA

4665 Lampson Ave

Los Alamitos, CA 90720

Inquiry Number: 7210849.6

December 22, 2022

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

12/22/22

Site Name:

045.10352_4665 Lampson Ave
4665 Lampson Ave
Los Alamitos, CA 90720
EDR Inquiry # 7210849.6

Client Name:

EFI Global Inc.
317 S. Isis Avenue, STE 207
Inglewood, CA 90301
Contact: Alberto Jimenez



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Certified Sanborn Results:

Certification # 01B9-4E05-86F8
PO # NA
Project 045.10352

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 01B9-4E05-86F8

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- Library of Congress
- University Publications of America
- EDR Private Collection

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APPENDIX V
REGULATORY AGENCY FILE
REVIEWS

Shelton, Alexis

From: Shelton, Alexis
Sent: Thursday, December 22, 2022 10:02 AM
To: WB-RB8-FileReview8
Subject: Public Records Request

Hello,

This firm is performing a Phase I Environmental Site Assessment for the property located at the following addresses:

4665 Lampson Ave., Los Alamitos, CA 90720

APN: 130-012-35

We are requesting any information from your department pertaining to the above property.

Please feel free to contact Alberto Jimenez with any questions or concerns at (310) 817-9792 or Alberto.Jimenez@efiglobal.com

Thank you,

***** Please note our new address: 317 S. Isis Avenue, STE 207, Inglewood, CA 90301 *****

Alexis Shelton | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
CELL 626.262.2799 | OFFICE 310.854.6300
EMAIL alexis.shelton@efiglobal.com
CSLB License #: 885902
www.efiglobal.com | Caring counts®



Jimenez, Alberto

From: Shelton, Alexis
Sent: Tuesday, December 27, 2022 8:39 AM
To: Jimenez, Alberto
Subject: FW: Public Records Request

Follow Up Flag: Follow up
Flag Status: Flagged

045.10352

Thank you,

***** Please note our new address: 317 S. Isis Avenue, STE 207, Inglewood, CA 90301 *****

Alexis Shelton | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
CELL 626.262.2799 | OFFICE 310.854.6300
EMAIL alexis.shelton@efiglobal.com
CSLB License #: 885902
www.efiglobal.com | Caring counts®



From: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Sent: Tuesday, December 27, 2022 8:36 AM
To: Shelton, Alexis <Alexis.Shelton@efiglobal.com>
Subject: RE: Public Records Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

After careful review of our records, we show we have no files for the following site(s):
4665 Lampson Ave., Los Alamitos, CA 90720
APN: 130-012-35

If we can be of further assistance, please do not hesitate to contact us again.

Thank you,
File Review Desk
3737 Main St. Suite 500
Riverside, CA 92501

From: Shelton, Alexis <Alexis.Shelton@efiglobal.com>
Sent: Thursday, December 22, 2022 10:02 AM
To: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Subject: Public Records Request

EXTERNAL:

Hello,

This firm is performing a Phase I Environmental Site Assessment for the property located at the following addresses:

4665 Lampson Ave., Los Alamitos, CA 90720

APN: 130-012-35

We are requesting any information from your department pertaining to the above property.

Please feel free to contact Alberto Jimenez with any questions or concerns at (310) 817-9792 or Alberto.Jimenez@efiglobal.com

Thank you,

***** Please note our new address: 317 S. Isis Avenue, STE 207, Inglewood, CA 90301 *****

Alexis Shelton | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
CELL 626.262.2799 | OFFICE 310.854.6300
EMAIL alexis.shelton@efiglobal.com
CSLB License #: 885902
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Search for a Project

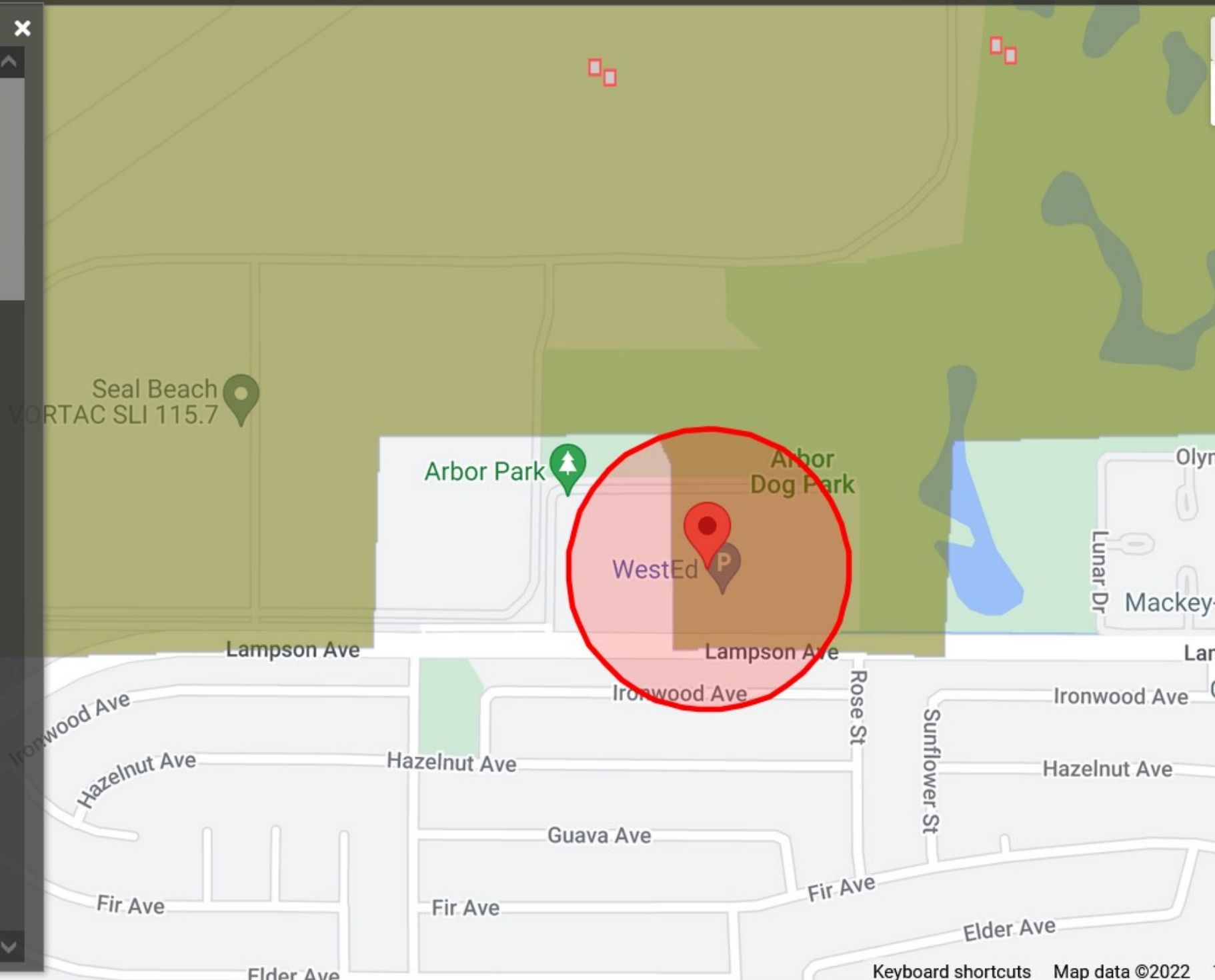
Search for an Address

Home

Download



Sites Shown on Map: 12 Total Sites 2 Open Sites 10 Closed Sites 0 Sites w/Water Quality Data



Keyboard shortcuts Map data ©2022

Shelton, Alexis

From: Shelton, Alexis
Sent: Thursday, December 22, 2022 10:02 AM
To: CypressFileRoom@DTSC
Subject: Public Records Request

Hello,

This firm is performing a Phase I Environmental Site Assessment for the property located at the following addresses:

4665 Lampson Ave., Los Alamitos, CA 90720

APN: 130-012-35

We are requesting any information from your department pertaining to the above property.

Please feel free to contact Alberto Jimenez with any questions or concerns at (310) 817-9792 or Alberto.Jimenez@efiglobal.com

Thank you,

***** Please note our new address: 317 S. Isis Avenue, STE 207, Inglewood, CA 90301 *****

Alexis Shelton | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
CELL 626.262.2799 | OFFICE 310.854.6300
EMAIL alexis.shelton@efiglobal.com
CSLB License #: 885902
www.efiglobal.com | Caring counts®





Yana Garcia
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
5796 Corporate Avenue
Cypress, California 90630



Gavin Newsom
Governor

December 22, 2022

Alexis Shelton
EFI Global
Alexis.Shelton@efiglobal.com

PR4-122222-02

4665 Lampson Ave., Los Alamitos & 130-012-35

Dear Requestor:

On, Dec 22, 2022, the Department of Toxic Substances Control (DTSC) received your email of Dec 22, 2022, requesting records under the Public Records Act. After a thorough review of our files, *no site records* were found pertaining to the sites/facilities referenced above.

A large number of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSC's data management system. It tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/7, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer or smartphone, the local library – anywhere Internet access is available. Just go to www.envirostor.dtsc.ca.gov. You will find a step-by-step tour of EnviroStor under the "How to Use EnviroStor" menu on the website.

If you have any questions or would like further information regarding your request, please contact me via email at: jone.barrio@dtsc.ca.gov.

Sincerely,

Jone Barrio

Jone Barrio
Regional Records Coordinator
DTSC - Administration/Cypress

4665 Lampson Ave., Los Alamitos, CA 90720

Map Address

Seal Beach
VORTAC SLI 115.7

Arbor Park

Arbor Dog Park

WestEd



Olympic Dr

Ocean Br

Lunar Dr

Eric D. Mackey-Fitzgerald...

Lampson Ave

Lampson Ave

Lampson Ave

Ironwood Ave

Ironwood Ave

Ironwood Ave

ChessPalace

Hazelnut Ave

Hazelnut Ave

Hazelnut Ave

Guava Ave

Sunflower St

Fir Ave

Fir Ave

Fir Ave

Keyboard shortcuts Map data ©2022

0 SITES LISTED

[STATUS](#)

[PROJECT TYPE](#)

[ADDRESS](#)

Hazardous Waste
Tracking System

Handler Search



Reports



ID Number



Log In

10 Results

10 Records

EPA ID	↕	Facility Name	↕	Street	↑	City	↕	State	↕	County	↕	Zip
CAL000415272		WESTED		4665 LAMPSON AVE		LOS ALAMITOS		CA		ORANGE		9072
CAC000089381		1X S W R L		4665 LAMPSON AVE		LOS ALAMITOS		CA		ORANGE		9072
CAC002559277		WEST ED		4665 LAMPSON AVE		LOS ALAMITOS		CA		ORANGE		9072
CAC002599260		WEST ED		4665 LAMPSON AVE		LOS ALAMITOS		CA		ORANGE		9072
CAL000348685		WESTED		4665 LAMPSON AVE		LOS ALAMITOS		CA		ORANGE		9072
CAL000387803		CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS		4665 LAMPSON AVE STE C		LOS ALAMITOS		CA		ORANGE		9072
CAL000248737		CAL DEPT OF FISH & GAME		4665 LAMPSON AVE STE C		LOS ALAMITOS		CA		ORANGE		9072
CAC003143594		VERNON SMYTHE		5001 LAMPSON AVE		LOS ALAMITOS		CA		ORANGE		9072
CAC002910194		LICATA, PAT		5041 LAMPSON AVENUE		LOS ALAMITOS		CA		ORANGE		9072
CAC002781433		VENKATESHWARAN KRISHNAN		5151 LAMPSON AVE		LOS ALAMITOS		CA		ORANGE		9072

Export CSV

Page Size: 100

Page: 1 of 1

First

Previous

1

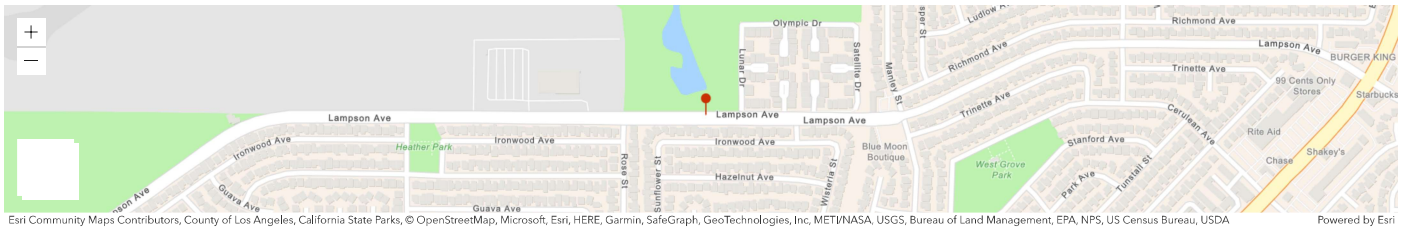
Next

Last

Handler Profile

CAC000089381 - 1X S W R L

Status: **INACTIVE**



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<p>ID Number Profile</p> <p>ID Number: CAC000089381 Facility Name: 1X S W R L Status: INACTIVE (expired: 10/25/2000) ID Type: TEMPORARY ID Category: STATE Entity Types: GENERATOR Issued Date: 6/3/1988 Last Updated: 10/25/2000</p>	<p>Facility Address</p> <p>4665 LAMPSON AVE LOS ALAMITOS, CA 90720 ORANGE County (33.781192, -118.04552)</p>	<p>Mailing Address</p> <p>4665 LAMPSON AVE LOS ALAMITOS, CA 90720</p>
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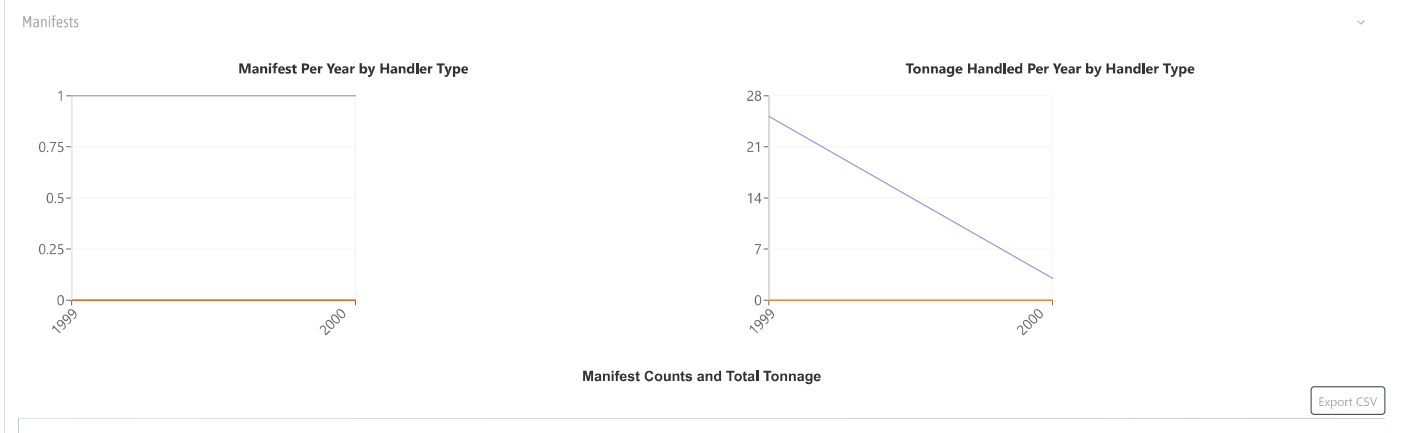
<p>Owner</p> <p>ASBESTOS -- --, 99 -- (000) 000-0000</p>	<p>Contact</p> <p>WILLIAM HEIN -- --, 99 -- (213) 598-7661</p>
---	---

<p>CalEnviroScreen 4.0 Results</p> <p>Census Tract: 6059110015 (Population: 3354) The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6059110015 relative to other census tracts.</p> <table border="0"> <tr> <td>Overall Percentiles</td> <td></td> <td>Environmental Effects</td> <td></td> </tr> <tr> <td>CalEnviroScreen:</td> <td>29</td> <td>Cleanup Sites:</td> <td>87</td> </tr> <tr> <td>Pollution Burden:</td> <td>92</td> <td>Groundwater Threats:</td> <td>95</td> </tr> <tr> <td>Population Characteristics:</td> <td>9</td> <td>Hazardous Waste:</td> <td>86</td> </tr> <tr> <td></td> <td></td> <td>Solid Waste:</td> <td>73</td> </tr> </table>	Overall Percentiles		Environmental Effects		CalEnviroScreen:	29	Cleanup Sites:	87	Pollution Burden:	92	Groundwater Threats:	95	Population Characteristics:	9	Hazardous Waste:	86			Solid Waste:	73	<p>NAICS Codes</p>
Overall Percentiles		Environmental Effects																			
CalEnviroScreen:	29	Cleanup Sites:	87																		
Pollution Burden:	92	Groundwater Threats:	95																		
Population Characteristics:	9	Hazardous Waste:	86																		
		Solid Waste:	73																		

Annual ID Number Verification History

Year	Status	Method	VQ Number (eVQ)	Completion Date
No results found matching your search criteria.				

Page Size: 10 | 0 to 0 of 0 | Page 0 of 0



Year	Count	Tons	Count	Tons	Count	Tons
2000	1	0.023	0	0	0	0
1999	1	25.2	0	0	0	0

Waste Code Matrix

Entity Type

Generator

Waste Code Type

Non-RCRA

Search

Reset

Export CSV

Waste Code	Descri...	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
151	ASBESTO...	0	0	0	0	0	0	0	0	0	0	0	0	0

Page Size: 50

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Page 1 of 1

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Waste Code By Year Matrix Report

The Department of Toxic 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 and 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 Generated: 12/22/2022 8:54:54 AM

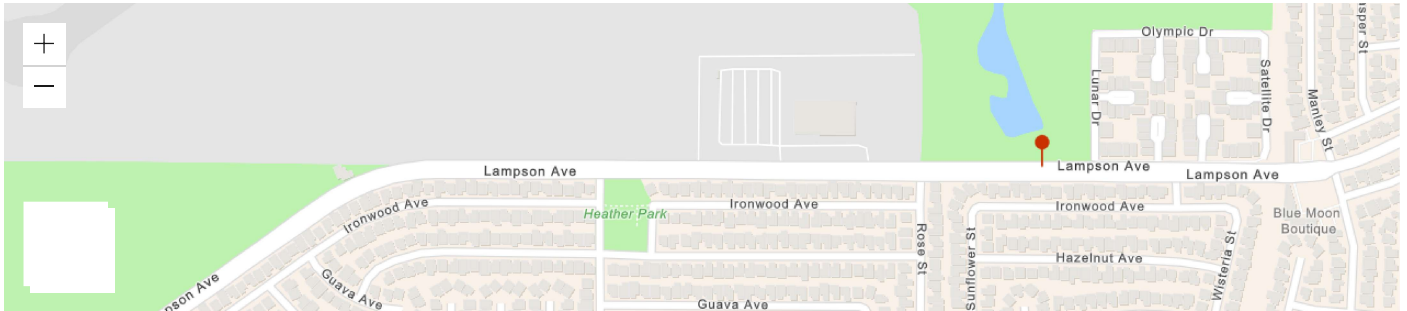
Waste Coc Description	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
151 ASBESTOS-CONTAINING WASTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.023	0	0	0	0	0	0	0

Handler Profile

Home | Search | Handler Profile

CAC002559277 - WEST ED

Status: **INACTIVE**



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ID Number Profile

ID Number: CAC002559277
 Facility Name: WEST ED
 Status: **INACTIVE (expired: 8/19/2003)**
 ID Type: TEMPORARY
 ID Category: STATE
 Entity Types: GENERATOR
 Issued Date: 11/27/2002
 Last Updated: 8/19/2003

Facility Address

4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 ORANGE County
 (33.781192, -118.04552)

Mailing Address

4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720

Owner

WEST ED
 4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 (562) 799-5422

Contact

CRIST MESTAS
 4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 (562) 799-5422

CalEnviroScreen 4.0 Results

Census Tract: 6059110015 (Population: 3354)
 The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6059110015 relative to other census tracts.

Overall Percentiles		Environmental Effects	
CalEnviroScreen:	29	Cleanup Sites:	87
Pollution Burden:	92	Groundwater Threats:	95
Population Characteristics:	9	Hazardous Waste:	86
		Solid Waste:	73

NAICS Codes

Annual ID Number Verification History

Year	Status	Method	VQ
No results found matching your search criteria.			

Page Size: 10 | 0 to 0 of 0 | Page 0 of 0

Manifests



No Manifest Data for this ID Number.

Waste Code Matrix



Entity Type

Generator

Waste Code Type

Non-RCRA

Search

Reset

Export CSV

No results found matching your search criteria.

Page Size: 50

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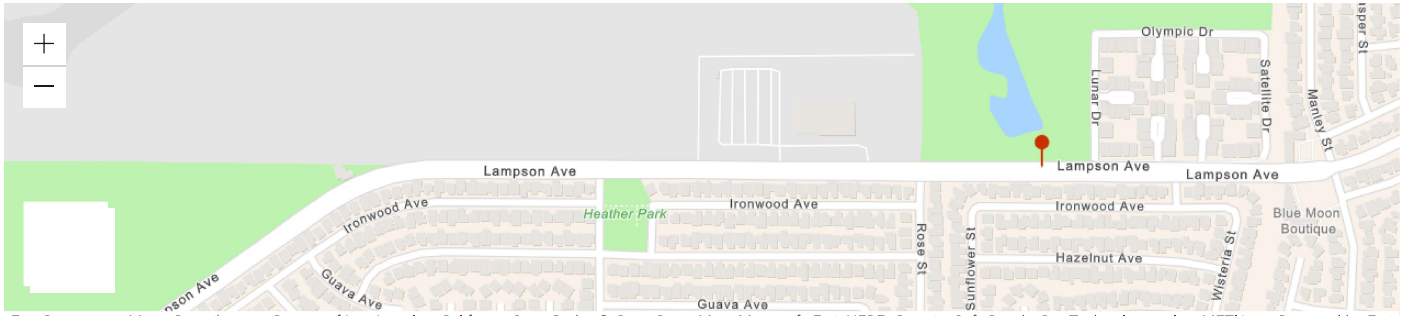
< < Page 0 of 0 > >

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Handler Profile

CAC002599260 - WEST ED

Status: **INACTIVE**



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ID Number Profile

ID Number: CAC002599260
 Facility Name: WEST ED
 Status: **INACTIVE (expired: 7/11/2006)**
 ID Type: TEMPORARY
 ID Category: STATE
 Entity Types: GENERATOR
 Issued Date: 1/11/2006
 Last Updated: 1/11/2006

Facility Address

4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 ORANGE County
 (33.781192, -118.045517)

Mailing Address

4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720

Owner

WEST ED
 4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 (562) 799-5422

Contact

CRIST MAESTAS/FACILITIES
 4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 (562) 799-5422

CalEnviroScreen 4.0 Results

Census Tract: 6059110015 (Population: 3354)
 The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6059110015 relative to other census tracts.

Overall Percentiles		Environmental Effects	
CalEnviroScreen:	29	Cleanup Sites:	87
Pollution Burden:	92	Groundwater Threats:	95
Population Characteristics:	9	Hazardous Waste:	86
		Solid Waste:	73

NAICS Codes

Annual ID Number Verification History

Year	Status	Method	VQ
No results found matching your search criteria.			

Page Size: 10 | 0 to 0 of 0 | Page 0 of 0

Manifests



No Manifest Data for this ID Number.

Waste Code Matrix



Entity Type

Waste Code Type

Generator

Non-RCRA

Search

Reset

Export CSV

No results found matching your search criteria.

Page Size: 50

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< < Page 0 of 0 > >

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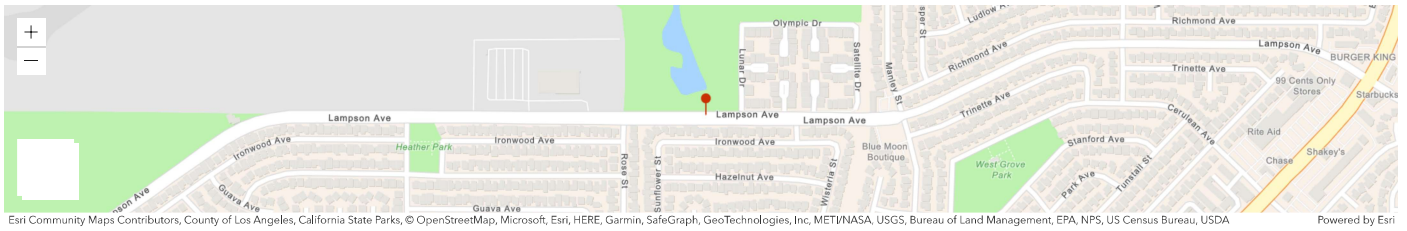
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Handler Profile

CAL000248737 - CAL DEPT OF FISH & GAME

Status: **INACTIVE**



ID Number Profile

ID Number: CAL000248737
Facility Name: CAL DEPT OF FISH & GAME
Status: **INACTIVE (expired: 6/30/2003)**
ID Type: PERMANENT
ID Category: STATE
Entity Types: GENERATOR
Issued Date: 3/26/2002
Last Updated: 3/28/2005

Facility Address

4665 LAMPSON AVE STE C
 LOS ALAMITOS, CA 90720
 ORANGE County
 (33.781192, -118.04552)

Mailing Address

4665 LAMPSON AVE STE C
 LOS ALAMITOS, CA 90720

Owner

CAL DEPT OF FISH & GAME
 4665 LAMPSON AVE STE C
 LOS ALAMITOS, CA 90720
 (310) 833-2166

Contact

RAYMOND MICHALSKI
 4665 LAMPSON AVE STE C
 LOS ALAMITOS, CA 90720
 (310) 833-2166

CalEnviroScreen 4.0 Results

Census Tract: 6059110015 (Population: 3354)
 The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6059110015 relative to other census tracts.

Overall Percentiles		Environmental Effects	
CalEnviroScreen:	29	Cleanup Sites:	87
Pollution Burden:	92	Groundwater Threats:	95
Population Characteristics:	9	Hazardous Waste:	86
		Solid Waste:	73

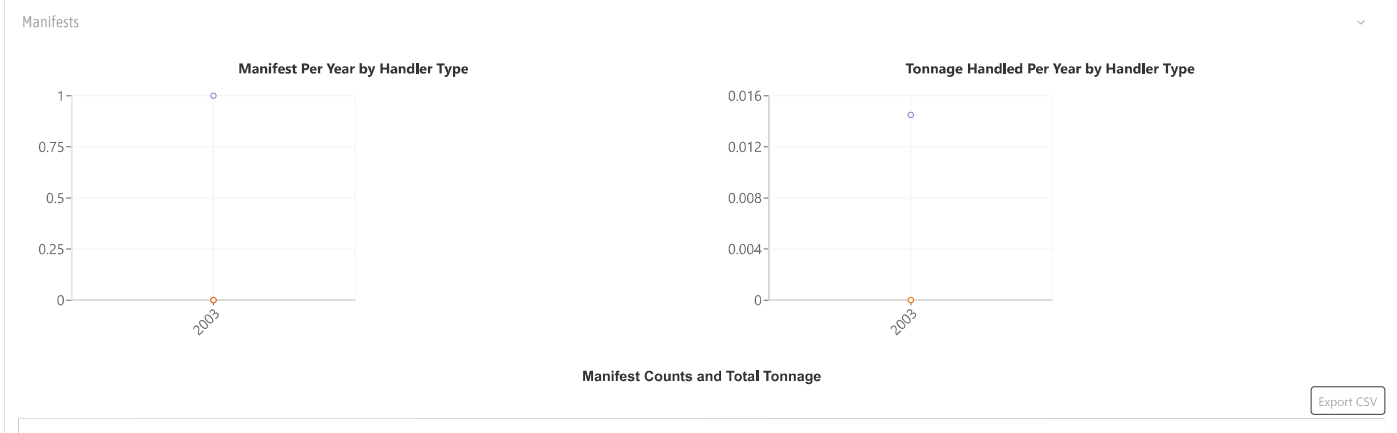
NAICS Codes

92412	Administration of Conservation Programs
-------	---

Annual ID Number Verification History

Year	Status	Method	VQ Number (eVQ)	Completion Date	Signed By
2002	COMPLETE	PAPER		3/7/2003	

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Year	Count	Tons	Count	Tons	Count	Tons
2003	1	0.0145	0	0	0	0

Waste Code Matrix

Entity Type

Generator

Waste Code Type

Non-RCRA

Search

Reset

Export CSV

Waste Code	Descr...	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
331	OFF-SPEC...	0	0	0	0	0	0	0	0	0	0	0	0	0

Page Size: 50 1 to 1 of 1 Page 1 of 1

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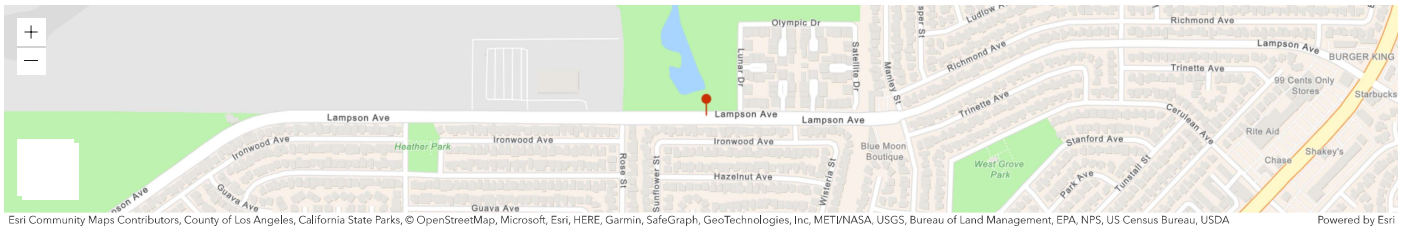
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Handler Profile

CAL000348685 - WESTED

Status: **INACTIVE**



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ID Number Profile

ID Number: CAL000348685
Facility Name: WESTED
Status: **INACTIVE (expired: 6/30/2015)**
ID Type: PERMANENT
ID Category: STATE
Entity Types: GENERATOR
Issued Date: 12/15/2009
Last Updated: 1/27/2016

Facility Address

4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 ORANGE County
 (33.781185, -118.045488)

Mailing Address

4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720

Owner

WESTED
 4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 (562) 799-5113

Contact

MARK SHEGICH
 4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 (562) 799-5113

CalEnviroScreen 4.0 Results

Census Tract: 6059110015 (Population: 3354)
 The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6059110015 relative to other census tracts.

Overall Percentiles		Environmental Effects	
CalEnviroScreen:	29	Cleanup Sites:	87
Pollution Burden:	92	Groundwater Threats:	95
Population Characteristics:	9	Hazardous Waste:	86
		Solid Waste:	73

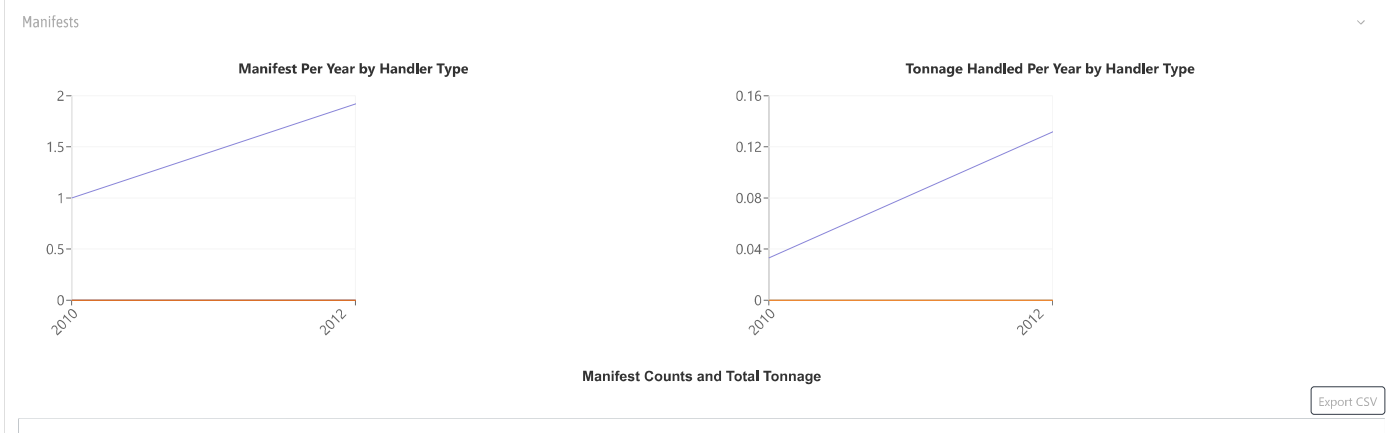
NAICS Codes

54172 Research and Development in the Social Sciences and Humanities

Annual ID Number Verification History

Year	Status	Method	VQ Number (eVQ)	Completion Date	Signed By
2014	COMPLETE	PAPER		11/12/2014	
2013	COMPLETE	PAPER		10/14/2013	
2012	COMPLETE	PAPER		10/17/2012	
2011	COMPLETE	PAPER		9/21/2011	
2010	COMPLETE	PAPER		11/2/2010	

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Year	Count	Tons	Count	Tons	Count	Tons
2012	2	0.1403	0	0	0	0
2010	1	0.033	0	0	0	0

Waste Code Matrix

Entity Type

Generator

Waste Code Type

Non-RCRA

Search

Reset

Export CSV

Waste Code	Descri...	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
331	OFF-SPEC,...	0	0	0	0	0	0	0	0	0	0	0.1353	0	0.033
551	LABORAT...	0	0	0	0	0	0	0	0	0	0	0.005	0	0

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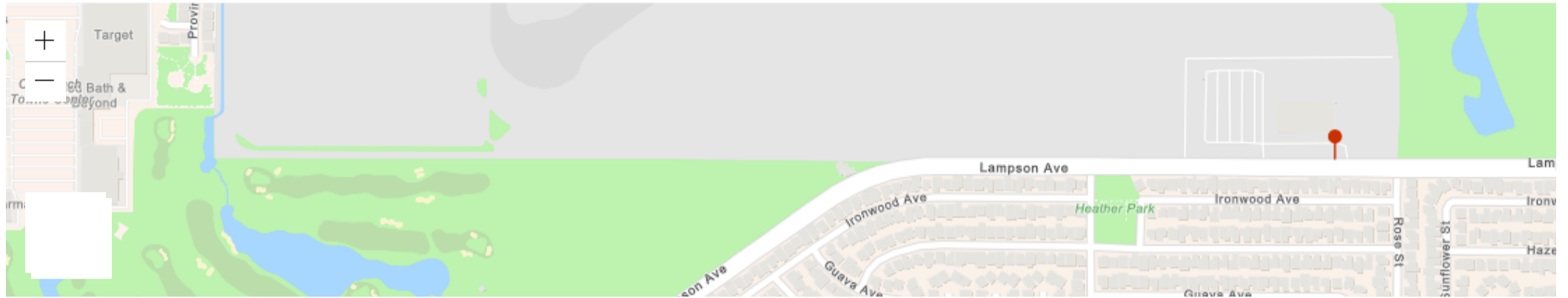
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Handler Profile

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CAL000387803 - CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS ALAMITOS

Status: **ACTIVE**



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ID Number Profile

ID Number: CAL000387803
 Facility: CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE LOS
 Name: ALAMITOS
 Status: **ACTIVE**
 ID Type: PERMANENT
 ID Category: STATE
 Entity Types: GENERATOR
 Issued Date: 7/29/2013
 Last Updated: 10/11/2022

Facility Address

4665 LAMPSON AVE STE C
 LOS ALAMITOS, CA 90720
 ORANGE County
 (33.781257, -118.048564)

Mailing Address

4665 LAMPSON AVE STE C
 LOS ALAMITOS, CA 90720

Owner

CAL DEPT OF FISH AND WILDLIFE
 4665 LAMPSON AVE STE C
 LOS ALAMITOS, CA 90720
 (562) 305-4595

Contact

RACHEL WAGNER-MAYORGA
 4665 LAMPSON AVE STE C
 LOS ALAMITOS, CA 90720
 (562) 305-4595

CalEnviroScreen 4.0 Results

Census Tract: 6059110015 (Population: 3354)
 The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6059110015 relative to other census tracts.

Overall Percentiles		Environmental Effects	
CalEnviroScreen:	29	Cleanup Sites:	87
Pollution Burden:	92	Groundwater Threats:	95
Population Characteristics:	9	Hazardous Waste:	86
		Solid Waste:	73

NAICS Codes

54172 Research and Development in the Social Sciences and Humanities

Annual ID Number Verification History

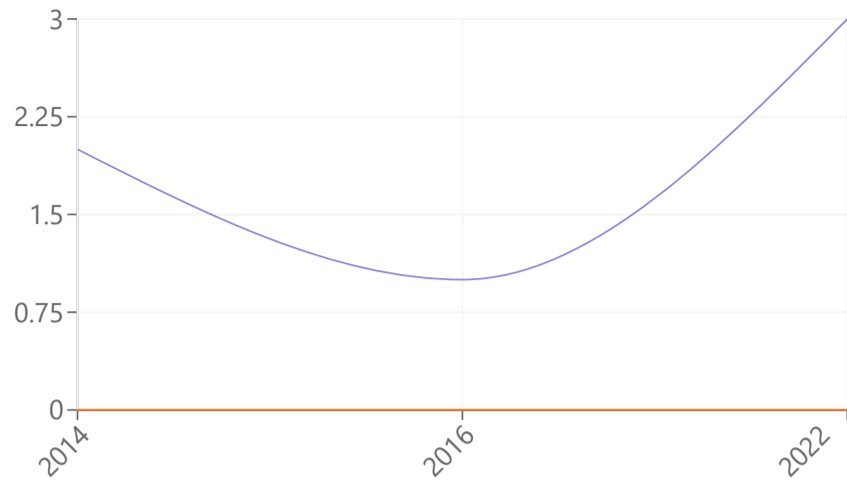
Year	Status	Method	VQ Number (eVQ)	Completion Date	Signed By
2022	COMPLETE	eVQ	202231311	10/11/2022	RACHEL WAGNER-...
2021	COMPLETE	eVQ	202131311	8/31/2021	AMANDA ALVEY
2020	COMPLETE	eVQ	202031311	7/13/2020	CINDY LA FONTAINE
2019	COMPLETE	eVQ	201931311	8/12/2019	CINDY LA FONTAINE
2018	COMPLETE	eVQ	201831311	10/3/2018	CINDY LA FONTAINE
2017	COMPLETE	eVQ	201731311	7/7/2017	CINDY LA FONTAINE
2015	COMPLETE	eVQ	201531311	8/21/2015	LAURA AGUIAR
2014	COMPLETE	PAPER		11/12/2014	

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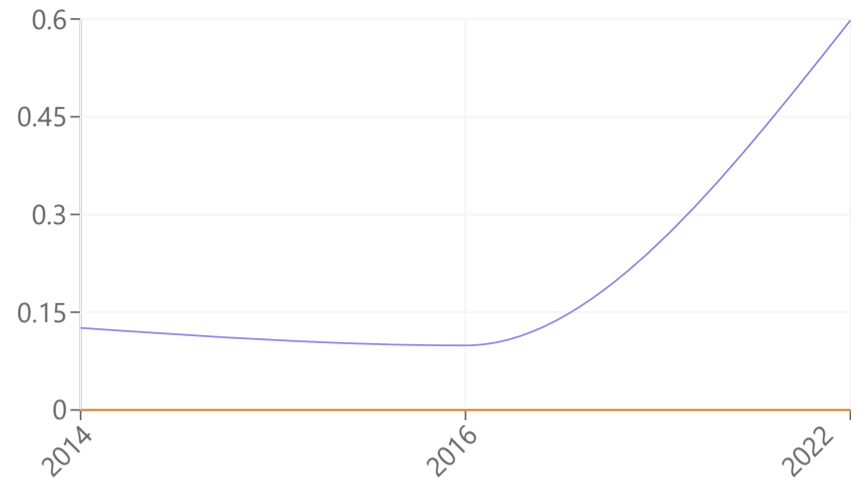
Manifests



Manifest Per Year by Handler Type



Tonnage Handled Per Year by Handler Type



Manifest Counts and Total Tonnage

Export CSV

Year	Generator		Transporter		TSDF	
	Count	Tons	Count	Tons	Count	Tons
2022	3	0.598	0	0	0	0
2016	1	0.099	0	0	0	0
2014	2	0.1259	0	0	0	0

Waste Code Matrix



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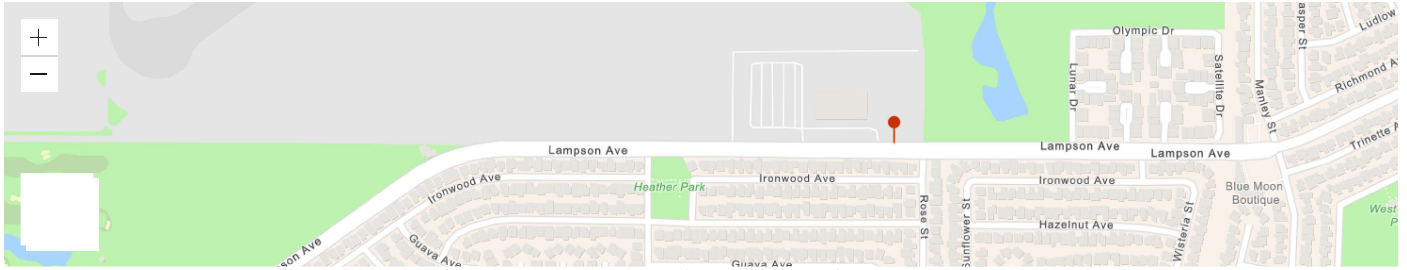
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Handler Profile

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CAL000415272 - WESTED

Status: **ACTIVE**



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ID Number Profile

ID Number: CAL000415272
 Facility Name: WESTED
 Status: **ACTIVE**
 ID Type: PERMANENT
 ID Category: STATE
 Entity Types: GENERATOR
 Issued Date: 3/22/2016
 Last Updated: 10/25/2022

Facility Address

4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 ORANGE County
 (33.78125731, -118.04804638)

Mailing Address

4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720

Owner

WESTED
 730 HARRISON ST
 SAN FRANCISCO, CA 94107
 (415) 565-3000

Contact

CHRIST MAESTAS
 4665 LAMPSON AVE
 LOS ALAMITOS, CA 90720
 (562) 879-8471

CalEnviroScreen 4.0 Results

Census Tract: 6059110015 (Population: 3354)
 The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6059110015 relative to other census tracts.

Overall Percentiles		Environmental Effects	
CalEnviroScreen:	29	Cleanup Sites:	87
Pollution Burden:	92	Groundwater Threats:	95
Population Characteristics:	9	Hazardous Waste:	86
		Solid Waste:	73

NAICS Codes

54172 Research and Development in the Social Sciences and Humanities

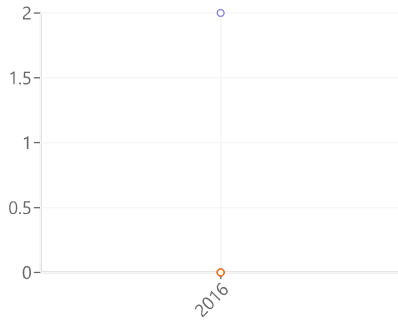
Annual ID Number Verification History

Year	Status	Method	No results found matching your search criteria.	Completion Date	Signed By
Page Size: 10 0 to 0 of 0 < < Page 0 of 0 > >					

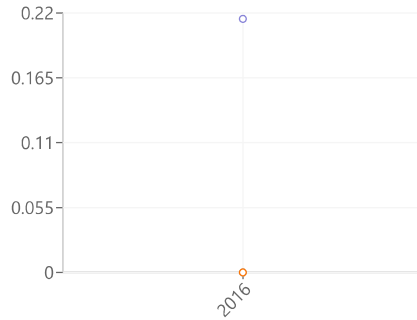
Manifests



Manifest Per Year by Handler Type



Tonnage Handled Per Year by Handler Type



Manifest Counts and Total Tonnage

Export CSV

Year	Generator		Transporter		TSDf	
	Count	Tons	Count	Tons	Count	Tons
2016	2	0.215	0	0	0	0

Waste Code Matrix



Entity Type

Waste Code Type

Generator

Non-RCRA

Search

Reset

Export CSV

3..	O.	0	0	0	0	0	0	0	0..	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-----	----	---	---	---	---	---	---	---	-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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PUBLIC RECORDS REQUEST FORM

Request Information (For Office Use Only)

Date Stored	Time Stored
Public Record Request Nbr	Public Record Request Tracking Nbr 1416714

Attention Requestor

Please fill out this form completely. You may include an attachment to the form, if necessary.

Requestor Information

Requestor Name Alberto Jimenez	Requestor Address 317 S. Isis Avenue, STE 207
Requestor Company EFI Global	Requestor City Inglewood
Requestor Email* ALBERTO.JIMENEZ@EFIGLOBAL.COM	Requestor State California
Requestor Phone (310)817-9792	Requestor Zip Code 90301

Type of Requested Record(s).

REQUESTED RECORDS. Please be as specific as possible in describing the records you are seeking. The more specific you are, the easier it will be to determine if such records exist in District files. Please contact the Public Records Unit if you need assistance in identifying District records.

Note: Permits to Operate, Equipment Lists, Notices of Violation, Notices to Comply, and Emissions Summaries are available through SCAQMD's FIND page at <http://www3.aqmd.gov/webappl/fim/prog/search.aspx> (you need to copy and paste this link into your browser).

Please Enter a description of the records you are requesting here: *

We are requesting any information from your departments pertaining to air emissions, including permits to operate, equipment lists and notices of violation.

Is this a resubmittal of a request previously submitted as a email? *

Yes No

Time Period of Documents Requested

Start Date* 1/1/1900	End Date* 12/22/2022
-------------------------	-------------------------

Requested Facility or Site Information (if applicable)

Note: You may only include one Facility or Site per Form.

Are you requesting an address range, please indicate? *

Yes No N/A

Facility ID (if known)	Address 4665 Lampson Ave.	
Facility Name (if known)	City Los Alamitos	Zip Code 90720

Requested Application or Permit List. (if applicable)

Please click the Add Button to the right to enter a Application/Permit Number

Authorization Letter Attachment (0)

Authorization Letter

Note: Please use the above button for attaching an Authorization Letter from the facility to release confidential information for your public records request.

Supplemental Attachments (0)

Supplemental Documents

Note: Please use the above button for attaching additional documents that will help define your public records request.

Also Note: You MUST press the "Submit Your Public Records Request" button to complete this form otherwise the form will be automatically deleted!

INSTRUCTIONS FOR REQUESTING RECORDS

(California Public Records Act, Govt. Code Sections 6250-6276.48)

1. In order to expedite your request, please fill out the form completely. Requests may also be submitted by phone at (909) 396-3700, by facsimile to (909) 396-3330, or by email to PublicRecordsRequests@aqmd.gov.
2. Requests must be for records prepared, owned, used, or retained by the District (Gov. Code Sec. 6252(e)). Requests should be for clearly identifiable records. The District is not required to create a new record in response to a request. The District will assist the requestor in making a request that describes reasonably identifiable records (Gov. Code Sec. 6253.1). Documents will not be provided if disclosure would infringe upon a copyright, trade secret, or is otherwise exempt in accordance with state law.
3. A search for facility records can only be conducted by one or all of the following:
 - a) Facility Name, Address, or Identification Number
 - b) Facility Application Number, or Permit to Operate Number; or
 - c) Facility Notice of Violation/Notice to Comply Number.
4. You will be notified within ten (10) days whether your request seeks copies of disclosable public records prepared, owned, used, or retained by this agency. In some cases, the District may need an additional 14 days to respond. If so, you will be notified in writing. You will also be provided an estimated date of when the records will be made available.
5. Communications regarding your request, and any records, will be provided by email, unless specified otherwise.
6. If the search for records finds the records voluminous, you will be notified of the approximate number of pages and/or length of time it will take to process your request.
7. If the records you requested have been marked confidential by the source of the record, you will be notified and given the option of continuing with the District's Trade Secret process.
8. If your request is to review records, rather than receive copies, the District will notify you once the records are gathered, and arrangements will be made for your review.
9. The charge for the direct cost of duplication is as follows: Paper Copies, \$0.15/page each over 10 pages (first 10 pages are free); Copied CD's or flash drives, no charge; and Copied Audio Tapes, \$5.00 each. After a preliminary estimate, advance payment may be required.
10. If the request is for information in an electronic format, the requestor shall bear the cost of producing a copy of the record, including the cost to construct the record and the cost of programming and computer services necessary to produce a copy of the record, when either of the following applies: (1) the District would be required to produce a copy of an electronic record and the record is one that is produced only at otherwise regularly scheduled intervals, or (2) the request would require data compilation, extraction, or programming to produce the record. (Gov. Code Sec. 6253.9(b)). The transfer of gathered electronic records onto CD, DVD or flash drive typically costs \$10.00 each. An invoice will accompany your records when completed.

Note: For further information, please refer to the District's Guidelines for Implementing the California Public Records Act. The Guidelines are available in the lobby of the District Headquarters or on the District's web site at www.aqmd.gov.

Note: If you have questions pertaining to the submittal of a Public Records Act request, you may contact the Public Records Unit, (909) 396-3700, Tuesday through Friday, 7:00 a.m. to 5:30 p.m. Our Fax number is (909) 396-3330. Our email address is PublicRecordsRequests@aqmd.gov.

Jimenez, Alberto

From: LTrapp@aqmd.gov
Sent: Wednesday, December 28, 2022 10:38 AM
To: Jimenez, Alberto
Cc: ob_pr_support_docs@aqmd.gov
Subject: SCAQMD Public Records Request# 1416714, -- Completion Letter

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



South Coast
Air Quality
Management District

Alberto Jimenez
Efi Global
317 S. Isis Avenue, Ste 207
Inglewood, California 90301

Ref: Request for Records; Control No. **1416714**, Received 12/22/2022
RE: P/O'S, EQL'S & NOV'S FOR 4665 LAMPSON AVE, LOS ALAMITOS, CA, FROM 1/1/1900-12/22/2022.

After a thorough search of this agency's records, the following records were found:

Your records were provided --Electronically-- on 12/28/2022.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of **8:00 a.m.** and **4:30 p.m.**

Sincerely,

Lora Trapp
For Colleen Paine
Public Records Coordinator
Information Management

SCAQMD Facility Equipment List Report

Facility: 3977 SWRL EDUCATIONAL RESEARCH & DEV Status: Active MR: 1409 SIC: Team: I
 Last Inspection: 08/26/1985 On Hold: Suspended: TS: TS-09 Non-inspection: Potential Inactivations (From Quarter: 0010 - inspect in 3rd quarter, every year
 Contact: RECLAIM: Y TITLE V: Y AIRS ID: Assignment:
 Location Address: 4665 LAMPSON AVE, LOS ALAMITOS 90720-5199 Sector:LH Inspector:
 Mailing Address: 4665 LAMPSON AVE, LOS ALAMITOS 90720-5199 Sector:LH Inspection Date:
 Instruction: Disposition:

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category	BCAT/CCAT Description	Application Date	Application Status
-----------------	------------	-------------------	---------------	--------------------	-----------------------	------------------	--------------------

SCAQMD Facility Equipment List Report

Facility: 121477 WEST ED Status: Active MR: SIC: 8299 Team: I
 Last Inspection: 03/10/2022 On Hold: N Suspended: N TS: TS-11 Industrial: Sector-based Inspections Quarter: 0010 - inspect in 3rd quarter, every year
 Contact: MARK SHEGICH (562) 5987661 RECLAIM: N TITLE V: N AIRS ID: Assignment: 1973606
 Location Address: 4665 LAMPSON, LOS ALAMITOS 90720 Sector:LH Inspector: KM08 KRAIG MORRIS
 Mailing Address: 4665 LAMPSON, LOS ALAMITOS 90720 Sector:LH Inspection Date: 03/10/2022
 Instruction: Disposition: Notice To Comply

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category	BCAT/CCAT Description	Application Date	Application Status
363821	F23820	01/06/2000	ACTIVE	043902 BCAT	I C E (>500 HP) EM ELEC GEN DIESEL	12/16/1999	PERMIT TO OPERATE GRANTED
370295				666415 BCAT	RULE 1415 PLAN NOTIFICATIONS	01/13/2000	BANKING/ PLAN GRANTED, NON BILLABLE
404417				666415 BCAT	RULE 1415 PLAN NOTIFICATIONS	07/23/2002	BANKING/ PLAN GRANTED, NON BILLABLE
424033				666415 BCAT	RULE 1415 PLAN NOTIFICATIONS	01/14/2004	BANKING/ PLAN GRANTED, NON BILLABLE
452063				666415 BCAT	RULE 1415 PLAN NOTIFICATIONS	01/06/2006	BANKING/ PLAN GRANTED, NON BILLABLE
479405				666415 BCAT	RULE 1415 PLAN NOTIFICATIONS	03/18/2008	BANKING/ PLAN GRANTED, NON BILLABLE
504152				666415 BCAT	RULE 1415 PLAN NOTIFICATIONS	12/03/2009	BANKING/ PLAN GRANTED, NON BILLABLE
519138				666415 BCAT	RULE 1415 PLAN NOTIFICATIONS	02/23/2011	BANKING/ PLAN GRANTED, NON BILLABLE
548369				666415 BCAT	RULE 1415 PLAN NOTIFICATIONS	03/06/2013	BANKING/ PLAN GRANTED, NON BILLABLE
574744				666415 BCAT	RULE 1415 PLAN NOTIFICATIONS	05/05/2015	BANKING/ PLAN GRANTED, NON BILLABLE
592892				011502 BCAT	BOILER-(<2MMBTU/HR) R-222	03/21/2017	BANKING/ PLAN GRANTED, NON BILLABLE
592900				011502 BCAT	BOILER-(<2MMBTU/HR) R-222	03/21/2017	BANKING/ PLAN GRANTED, NON BILLABLE
593402				666416 BCAT	RULE 1415.1 PLAN NOTIFICATIONS	04/11/2017	BANKING/ PLAN GRANTED, NON BILLABLE

Inspector: _____ Date: _____ Reviewed By: _____ Date: _____

South Coast Air Quality Management District

NOV P64224

Run Date : 6/29/2022 08:27:14

Company

Facility: WEST ED (ID: 121477)
Location Address: 4665 LAMPSON LOS ALAMITOS, CA 90720
Mailing Address: 4665 LAMPSON LOS ALAMITOS, CA 90720
AIRS ID

Violation

Notice Issued Date: 1/24/2017
Violation Date: 1/3/2017
Serve To: CHRISTOPHER MAESTAS
Title: FACILITIES MAINTENANCE
Issue By: ZACHARY BROOM (Team: I)
Assignment No.: 1610663
Equipment
Description:

Violation: Failure to register boilers rated 1_2 million Btu/hr

Disposition

Final Action Code: CLO 9/19/2017 07:00:00
Achieved Date: 04/07/2017
Due Date:
Violation Days: 0

Rule/Comment

222

Emittent

Follow-Up

Status: INCOMP Inspector ID: ZB01 Inspection Date: 04/07/17 00:00 Number:

Lap Sample Numbers

Device IDs.

Inspector Comment

INSPECTOR: _____
signature

DATE: _____

SUPERVISOR: _____
signature

DATE: _____

User ID: ltrapp

PERMIT TO CONSTRUCT/OPERATE

page 1
Permit No.
F23820
A/N 363821

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

LEGAL OWNER
OR OPERATOR:

WEST ED
4665 LAMPSON
LOS ALAMITOS, CA 90720

ID 121477

Equipment Location: 4665 LAMPSON, LOS ALAMITOS, CA 90720

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, 6 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. KTA19-G4, 755 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
- 4) THE OPERATING TIME OF THIS ENGINE SHALL NOT EXCEED 111 HOURS IN ANY ONE YEAR.
- 5) AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
- 6) SULFUR CONTENT OF FUEL SUPPLIED TO THE ENGINE SHALL NOT EXCEED 0.05 % BY WEIGHT.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

FILE COPY

PERMIT TO CONSTRUCT/OPERATE

page 2
Permit No.
F23820
A/N 363821

CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/wc01

1/06/2000

FILE COPY

PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator: WEST ED
4665 LAMPSON
LOS ALAMITOS, CA 90720

ID 121477

Equipment Location: 4665 LAMPSON LOS ALAMITOS, CA 90720

Equipment Description :

INTERNAL COMBUSTION ENGINE, CUMMINS, 6 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. KTA19-G4, 755 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
5. THE OPERATION OF THE ENGINE BEYOND THE 20 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
6. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

FILE COPY

PERMIT TO OPERATE

- A. EMERGENCY USE HOURS OF OPERATION
- B. MAINTENANCE AND TESTING HOURS
- C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF THREE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.

THIS PERMIT TO OPERATE R-F23820 SUPERSEDES PERMIT TO OPERATE F23820 ISSUED 1/6/2000

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

By Dorris M. Bailey/WC01
6/29/2007

FILE COPY



Select Search Type

Find a Facility

Name

Street

Lampson

City

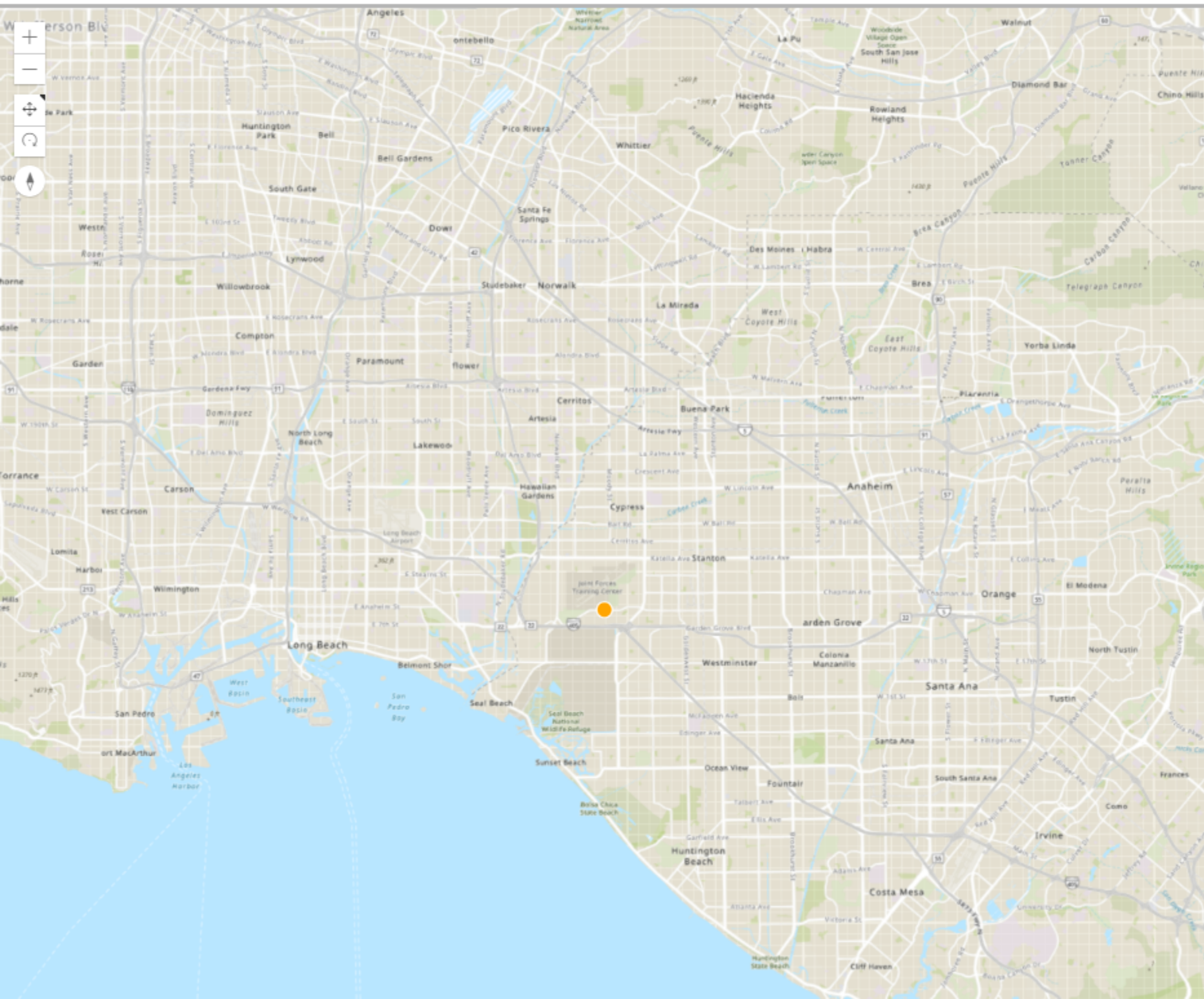
Zip

90720

RECLAIM

TITLE V

SEARCH



SEARCH RESULTS

2 Results

Street: Lampson

Zip: 90720

Sort: Status

121477

Facility Name WEST ED

Facility Address: 4665 LAMPSON, LOS ALAMITOS, CA 90720

Status: ACTIVE

3977

Facility Name SWRL EDUCATIONAL RESEARCH & DEV

Facility Address: 4665 LAMPSON AVE, LOS ALAMITOS, CA 90720

Status: ACTIVE



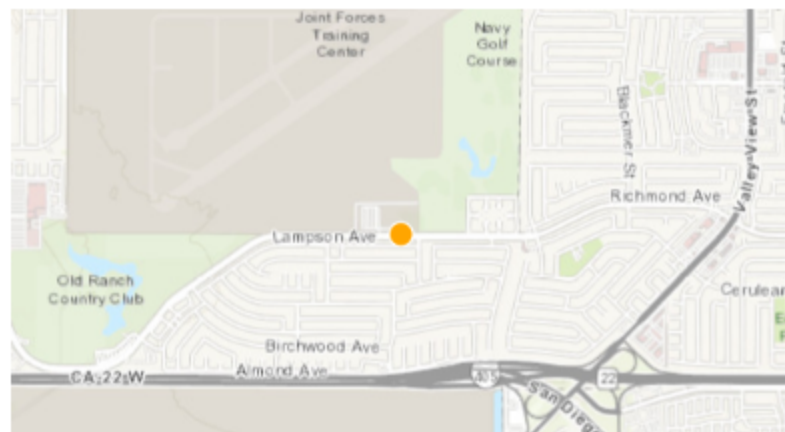
South Coast
AQMD

South Coast Air Quality Management District

21865 Copley Dr, Diamond Bar, CA 91765

909-396-2000

- Careers
- Accessibility
- Sitemap
- Privacy Policy



County of Los Angeles, Bureau of Land Management, Esri, HERE, Garmin, INCREM... Powered by Esri

Address: 4665 LAMPSON AVE, LOS ALAMITOS, CA 90720

Facility ID: 3977

Status: ACTIVE

Back Fees Due: No.

Equipment List



No Equipment Listed

Compliance



Emissions



Hearing Board

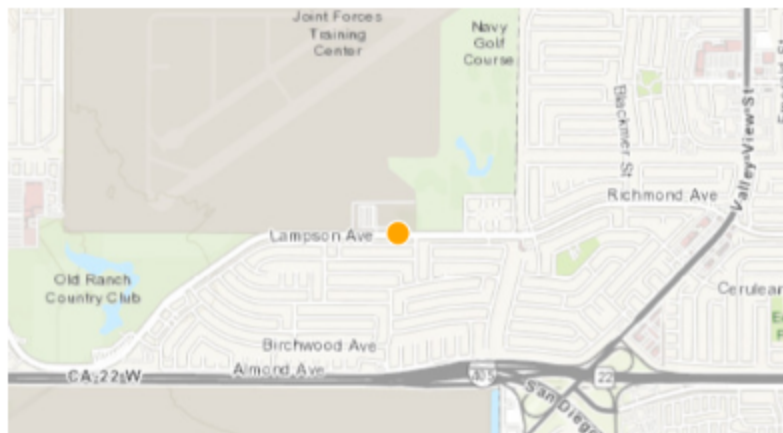


Transportation



Documents





Address: 4665 LAMPSON LOS ALAMITOS, CA 90720

Facility ID: 121477

Status: ACTIVE

Back Fees Due: No.



SIC Code

8299

SCHOOLS/EDUCATIONAL SVCS,NEC

County of Los Angeles, Bureau of Land Management, Esri, HERE, Garmin, INCREM... Powered by Esri

Equipment List

13 Results

Sort: Application Number

[593402](#)

RULE 1415.1 PLAN NOTIFICATIONS

Application Status : BANKING/ PLAN GRANTED, NON BILLABLE

Application Date : 04/11/2017

Type : Basic

[592900](#)

BOILER-(<2MMBTU/HR) R-222

Application Status : BANKING/ PLAN GRANTED, NON BILLABLE

Application Date : 03/21/2017

Type : Basic

[592892](#)

BOILER-(<2MMBTU/HR) R-222

Application Status : BANKING/ PLAN GRANTED, NON BILLABLE

Application Date : 03/21/2017

Type : Basic

[574744](#)

RULE 1415 PLAN NOTIFICATIONS

Application Status : BANKING/ PLAN GRANTED, NON BILLABLE

Application Date : 05/05/2015

Type : Basic

[548369](#)

RULE 1415 PLAN NOTIFICATIONS

Application Status : BANKING/ PLAN GRANTED, NON BILLABLE

Application Date : 03/06/2013

Type : Basic

[519138](#)

RULE 1415 PLAN NOTIFICATIONS

Application Status : BANKING/ PLAN GRANTED, NON BILLABLE

Application Date : 02/23/2011

Type : Basic

[504152](#)

RULE 1415 PLAN NOTIFICATIONS

Application Status : BANKING/ PLAN GRANTED, NON BILLABLE

Application Date : 12/03/2009

Type : Basic

[479405](#)

RULE 1415 PLAN NOTIFICATIONS

Application Status : BANKING/ PLAN GRANTED, NON BILLABLE

Application Date : 03/18/2008

Type : Basic

[452063](#)

RULE 1415 PLAN NOTIFICATIONS

Application Status : BANKING/ PLAN GRANTED, NON BILLABLE

Application Date : 01/06/2006

Type : Basic



County of Los Angeles, Bureau of Land Management, Esri, HERE, Garmin, INCREM... Powered by Esri

Address: 4665 LAMPSON LOS ALAMITOS, CA 90720

Facility ID: 121477

Status: ACTIVE

Back Fees Due: No.



SIC Code
8299

SCHOOLS/EDUCATIONAL SVCS,NEC

Equipment List 13 Results

Sort: Application Number

424033
 RULE 1415 PLAN NOTIFICATIONS
 Application Status : BANKING/ PLAN GRANTED, NON BILLABLE
 Application Date : 01/14/2004
 Type : Basic

404417
 RULE 1415 PLAN NOTIFICATIONS
 Application Status : BANKING/ PLAN GRANTED, NON BILLABLE
 Application Date : 07/23/2002
 Type : Basic

370295
 RULE 1415 PLAN NOTIFICATIONS
 Application Status : BANKING/ PLAN GRANTED, NON BILLABLE
 Application Date : 01/13/2000
 Type : Basic

363821
 I C E (>500 HP) EM ELEC GEN DIESEL
 Application Status : PERMIT TO OPERATE GRANTED
 Permit Status : ACTIVE
 Permit Number: F23820
 Issue Date : 01/06/2000
 Application Date : 12/16/1999
 Type : Basic

Export all records to Excel

[Skip to main content](#)

Public Record Requests

[Orange County](#)

[Make request](#)

[All requests](#)

[Documents](#)

[Sign in](#)

Request a public record

Everything in this request box will be displayed publicly if the agency makes your request public.

B *I* U ☰ ☷

This firm is performing a Phase I Environmental Site Assessment for the property located at the following addresses:

4665 Lampson Ave., Los Alamitos, CA 90720

APN: 130-012-35

We are requesting any information from your departments pertaining to:

- building permit records including demolitions, construction, tenant improvements, major sewer installations/removals, and certificates of occupancy on the property
- any reports of the storage, release or spillage of hazardous materials (HAZMAT), or substances or petroleum products that have ever been located on the property

To request environmental health records, please create an account in the portal and upload a completed **request form** with your request. The request forms can be found here: <https://cms.ocgov.com/gov/health/eh/contact/request.asp>

When submitting the request, please be sure to choose “Environmental Health” under the Departments drop down menu.

Supplemental clean-up case records for Leaking Underground Storage Tank (LUST) Sites can be obtained from the State Water Resources Control Board’s data management system at <https://geotracker.waterboards.ca.gov/>. GeoTracker also contains records for sites such as Department of Defense and Cleanup Program Sites.

Records for various unregulated projects as well as permitted facilities including: Irrigated Lands, Oil and Gas production, operating Permitted USTs, and Land Disposal Sites can also be obtained on GeoTracker.

Please note that the cities of Anaheim, Fullerton, and Orange monitor current underground storage tanks (UST) in those cities. Also, HCA Environmental Health may not be the only source of records. You may wish to check with the Fire Department, Regional Water Quality Control Board, and/or the State Department of Health Services for records.

To request environmental health records, please create an account in the portal and upload a completed **request form** with your request. The request forms can be found here: <https://cms.ocgov.com/gov/health/eh/contact/request.asp>

When submitting the request, please be sure to choose “Environmental Health” under the Departments drop down menu.

To request building permits within the unincorporated land of Orange County, please select OC Public Works under the Department section.

If you are requesting Environmental Health records please be sure to include an address. Thank you!

* Department

Environmental Health



Your information

Who can see my personal information?

Email

Name

Phone

Street address

City

State

Zip

Company

* Indicates required field

TIPS FOR SUBMITTING A REQUEST

To enable staff to respond to your request as efficiently as possible, please be specific and detailed regarding the records you are seeking. For example, information such as the title of a document, report number, or a date range(s) are helpful. Please do not include any confidential information, such as birthdate, social security number, etc.

FEES FOR RESPONSIVE RECORDS

There is no cost for receiving records electronically (e.g., e-mail). However, the County does charge 15 cents per page (8.5" by 11") when requested to print records. For requests requiring records to be placed on a media device, such as a CD, the County will assess a fee to cover the actual cost of the media used.

USE THIS FORM TO SUBMIT A RECORDS REQUEST

You may use this online form to submit records request for only these departments:

Auditor-Controller, Clerk of the Board, County Executive Office, County Information Technology, County Procurement Office, Health Care Agency, Environmental Health, John Wayne Airport, Housing & Community Development, OC Animal Care, OC Community Services, OC Parks, OC Public Libraries, OC Public Works, OC Waste & Recycling, Probation, Registrar of Voters and Social Services Agency.

For all other departments not listed above, please click [here](#) to access links to those departments' contact information, as well as Frequently Asked Questions (FAQs) about this web portal.

REQUESTS FOR MULTIPLE DEPARTMENTS

If you have a request for records pertaining to multiple departments, please choose "County Executive Office" under the Department dropdown list. Be sure to include the names of the departments in the description of your request.

ANONYMOUS REQUESTS

Although you are not required to provide your name, you must provide contact information in order for the responding agency to reach you. The responding agency may contact you to clarify your request or to send you the responsive records. You may use non-identifying contact information (e.g., requester123@gmail.com). Alternatively, you may visit the agency to submit anonymous requests and arrange a time to review any responsive records.

FOR MORE INFO

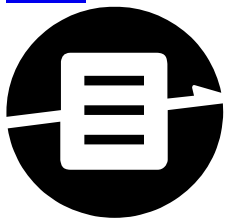
Frequently asked questions are available [here](#).

[FAQ](#)

[Help](#)

[Privacy](#)

[Terms](#)



NextRequest

an Optimere brand

Request #22-6133

Access to this request is currently limited. If you are the requester or staff you can:

Sign in

or

Create/Find Account

MENU

MAIN MENU

TOP FAQ

See all FAQs
(findanswers.aspx)

FOIA Request vs. CPRA/PRA Request

(/WEBAPP/_rs/(S(zyvuptgxseq1znto0quklr4w))/AnswerDetail.aspx?sSessionID=19924732128DUMYGCRGUUJBM[OQANYLWSFWWR[NI&aid=126)

Response Time

(/WEBAPP/_rs/(S(zyvuptgxseq1znto0quklr4w))/AnswerDetail.aspx?sSessionID=19924732128DUMYGCRGUUJBM[OQANYLWSFWWR[NI&aid=118)

Request Type: Public Records Request
Contact E-Mail: alexis.shelton@efiglobal.com

OCSD PUBLIC RECORDS REQUEST

Complete the form below to submit a Public Records Request to OCSD. Please us in determining if we have the records that you are requesting.

Describe the Record(s) You Are Requesting:*

the property located at the
4665 Lampson Ave., Los A
APN: 130-012-35
We are requesting any in
to industrial wastewater c
industrial waste water in

Visit our Transpare
us/transparency) p
additional informa
District Record Cer

Please be as specific as po
requesting above including
also submit supporting do

Year(s) or Date Range:

1/1/1900-12/22/2022

If Applicable

Please provide the address for the records you are requesting:

4665 Lampson Ave., Los A

If Applicable

Electronic via Online Recd

Please note not all public r record(s) requested are no available for inspection or Records Act Law. Costs are

All records are released through our request portal. Please specify if you would like to receive your records via another method:*

If you would like to provide additional information that may assist Orange C request, please attach here:

No Files Selected

SELECT FILE or Drop file here

Enter Captcha Code



(//captcha.org/captcha.html?asp.ne

Submit

MENU

MAIN MENU

TOP FAQ

See all FAQs
([findanswers.aspx](#))

FOIA Request vs. CPRA/PRA Request

This is confirmation that your Public Records Act Request has been received by the Orange County Sanitation District on 04/14/2022 and given the reference number P002744-122222 for tracking purposes.

Response Time

You will be contacted within 10 days regarding the availability of the record(s) requested. We will notify you if more time is needed to make a determination or for clarification of your request.

Board of Directors

You can monitor the progress of your request through the OC San Public Portal by logging in under "My Account" (https://ocsd.mycusthelp.com/WEBAPP/_rs/CustomerHome.aspx). Through the Public Portal. If you are adding additional documents to an open request, please use 'Track by Reference Number (IssueSearch.aspx?sSessionID=[SESSION_ID])' to locate your request and add information. To ensure email replies are received, please add the following email address to your trusted senders list: ocsan@mycusthelp.net (<mailto:ocsan@mycusthelp.net>).

If you need to contact us for any reason, log in to the Public Portal and select the "New Message" button located within your request.

Sincerely,

Orange County Sanitation District
Tina Knapp, MMC
Assistant Clerk of the Board
(714) 593-7190 / www.ocsan.gov (<http://www.ocsan.gov>)

Jimenez, Alberto

From: Shelton, Alexis
Sent: Thursday, December 29, 2022 8:32 AM
To: Jimenez, Alberto
Subject: FW: Public Records Request :: P002744-122222

Follow Up Flag: Follow up
Flag Status: Flagged

045.10352

Thank you,

***** Please note our new address: 317 S. Isis Avenue, STE 207, Inglewood, CA 90301 *****

Alexis Shelton | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
CELL 626.262.2799 | OFFICE 310.854.6300
EMAIL alexis.shelton@efiglobal.com
CSLB License #: 885902
www.efiglobal.com | Caring counts®



From: OC San Public Portal <ocsan@mycusthelp.com>
Sent: Thursday, December 29, 2022 8:13 AM
To: Shelton, Alexis <Alexis.Shelton@efiglobal.com>
Subject: Public Records Request :: P002744-122222

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

--- Please respond above this line ---



Dear Alexis,

The Orange County Sanitation District (OC San) has completed its review of your December 22, 2022 Public Records Request.

Request Description:

“This firm is performing a Phase I Environmental Site Assessment for the property located at the following addresses:

4665 Lampson Ave., Los Alamitos, CA 90720

APN: 130-012-35

We are requesting any information from your departments pertaining to industrial wastewater discharge, clarifiers, storm water, or industrial waste water, including permits to operate and notices of violation on the property.”

Request Determination: No Responsive Records

OC San has reviewed its files and has determined we have no records responsive to your request.

Please feel free to contact me if I can be of further assistance.

Sincerely,
Orange County Sanitation District
Tina Knapp, MMC
Assistant Clerk of the Board
(714) 593-7190 / www.ocsan.gov

To monitor the progress or update this request please log into the [OC San Public Portal](#)



Shelton, Alexis

From: Shelton, Alexis
Sent: Thursday, December 22, 2022 10:16 AM
To: CRTK@ocfa.org
Subject: Public Records Request
Attachments: OCFA CRTK.pdf

Hello,

This firm is requesting a review of all current and historical files/reports for the addresses in the attached forms.

4665 Lampson Ave., Los Alamitos, CA 90720

APN: 130-012-35

Please feel free to contact Alberto Jimenez with any questions or concerns at (310) 817-9792 or Alberto.Jimenez@efiglobal.com

Thank you,

***** Please note our new address: 317 S. Isis Avenue, STE 207, Inglewood, CA 90301 *****

Alexis Shelton | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
CELL 626.262.2799 | OFFICE 310.854.6300
EMAIL alexis.shelton@efiglobal.com
CSLB License #: 885902
www.efiglobal.com | Caring counts®





ORANGE COUNTY FIRE AUTHORITY

P.O. Box 57115, Irvine, CA 92619-7115 • 1 Fire Authority Road, Irvine, CA 92602

Lori Smith, Assistant Chief/Fire Marshal

(714) 573-6000

www.ocfa.org

Community Right To Know Prevention Field Services

Please note: The OCFA provides information to the public in response to Public Record Requests for a fee. Processing time is generally 10-40 business days depending on the type of request. Verbal responses cannot be provided over the phone. This form maybe emailed directly to CRTK@ocfa.org

Date:	Requestor's Name:	Phone:
Company Name:		
Street Address:		
City:	State: CA	Zip Code:
Email:	FAX w/Area Code:	
Delivery Preference: <input type="checkbox"/> Pick-Up <input type="checkbox"/> Email <input type="checkbox"/> Mail (add postage) <input type="checkbox"/> FAX (additional \$0.15 per page)		

Request Type:

- Fire Safety Inspection (includes inspection/violation/permit)
- Fuel Modification Plan (historical)
- Architectural Plan
- Business Emergency Plan

Please note: Orange County Health Care Agency maintains the records for: UST, AST, Chemical Inventory, Business Emergency Plan, CalARP and Waste. (714) 433-6000 <http://ochealthinfo.com/>

Request details:

Street Address:		
City:	State: CA	Zip Code:

Check the box if you have a list of addresses to request. Please attach the list of addresses to this request.

FEES:

Report: \$2.50 per address; Misc Records: \$0.15 per page; Plans: Actual Cost by Outside Vendor; CD Rom: \$4.00; Custom Report Costs: \$52.00 per hour (minimum 1 hour); FAX (see above)

For Prevention Field Services Use Only

BID#	By:	Date:
Page Count:	Time:	Fee: \$

Folder Requested/Comments:

Records Request Unavailable

- No Records Found
- Outside OCFA Jurisdiction



ORANGE COUNTY FIRE AUTHORITY

Report run on: December 22, 2022 12:08 PM

BUSINESS RECORDS AT 4665 LAMPSON
LOS ALAMITOS

Bus Id: **16923** DBA: **LAMPSON BSO** Status: Active
4665 LAMPSON AV Bldg# Ste#
LOS ALAMITOS

Last Insp Date: 25 JUL 2006 Bus Type: BUSINESS OFFICE

Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 4, LOW/ROUTINE HAZARDS

Alarm Type: 4.2 MANUAL/HEAT/SMOKE DET. - TO ALARM CO.

Sprinkler Type:1 Wet Pipe, Supervised Sprinkler Due Date: 29 MAR 2011

VIOLATIONS

Identify Date:

House Keeping: 0 Fire Protect: 0 High Piled: 0 Electrical: 0
Exiting: 0 Permit Related: 0 Hazmat Related: 0 Misc: 0

Notice Issued Dt: Self Clr Issued Dt:

1st Reinsp clear: Date: 2nd Reinsp clear: Date:
3rd Reinsp clear: Date: 4th Reinsp clear: Date:
5th Reinsp clear: Date:

PERMITS

<u>Permit No</u>	<u>Permit description</u>	<u>Issued Date</u>	<u>Expiration Date</u>	<u>Occupancy Load</u>
F.3.3	COMBUSTIBLE LIQUIDS	15 APR 2002	15 APR 2003	

CHEMICALS

<u>Trade Name/ Comp Name</u>	<u>Component Cas#</u>	<u>Component Percent</u>	<u>Component Carcin</u>	<u>Component Ahm</u>	<u>Chem Id</u>	<u>Max Day Amt</u>	<u>Unit</u>
SMALL ARMS ANMUNITION					222585	500	LB
SMALL ARMS ANMUNITION	0000	100	N	N			

***** **END OF REPORT** *****

APPENDIX VI
PREVIOUS REPORTS

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT**

**4665 LAMPSON AVENUE
LOS ALAMITOS, CALIFORNIA
APN 130-012-035**

Prepared For:

**Lampson Park Place, LLC
c/o Matthew Waken
27702 Crown Valley Parkway D4-197
Ladera Ranch, CA 92694**

Prepared By:

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

Project Number: 1103-04

November 15, 2021

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- B SITE PHOTOGRAPHS
- C QUESTIONNAIRE
- D USER SUPPLIED INFORMATION
- E ORANGE COUNTY INFORMATION

1.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by FREY Environmental, Inc. (FREY) for the property located at 4665 Lampson Avenue in Los Alamitos, California (known as “the Site” throughout the rest of this document). The Assessor’s Parcel Number (APN) for the Site is 130-012-35. The Site is depicted on Figures 1 and 2.

This Phase I ESA was conducted in accordance with a proposal and an agreement between FREY and Lampson Park Place, LLC (Client and User), signed and dated by the Client on October 10, 2021. It is FREY’s understanding that the Site is proposed to be redeveloped for residential purposes with a single-family home neighborhood and an affordable apartment complex.

1.1 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) Standard practices and guidelines (ASTM, 2013 & 2015) and the All Appropriate Inquires (AAI) rule promulgated by the United States Environmental Protection Agency on November 1, 2005 (EPA, 2005).

1.2 TERMINOLOGY

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

- *Site* refers to the property described in Section 3.1 and shown on Figures 1 and 2.
- *Immediate Site Vicinity (ISV)* refers to any real property or properties with a border that 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 and as described in Section 3.2.
- *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 meets 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.

1.3 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 to compile a list of companies and/or businesses that may utilize potentially hazardous materials in the Immediate Site Vicinity.
- Photograph the Site and the properties which bound the Site.
- Interview personnel familiar with the history of the Site, if available.
- Review files maintained by the City of Los Alamitos Building and Safety Department (LABSD) and Fire Department (LAFD), if available.
- Review files maintained by the Orange County Fire Authority (OCFA), Health Care Agency (OCHCA), and Sanitation District (OCSD), if available.
- Review the California State Water Resources Control Board’s (SWRCB) GeoTracker and Department of Toxic Substance Control (DTSC) EnviroStor databases for properties listed within the AOC of the Site.
- Review files for the Site maintained by the South Coast Air Quality Management District (SCAQMD), if available.
- Review Sanborn maps, historical aerial photographs, topographic maps, phone directories, environmental lien and activity use limitation (AUL) reports, and a government agency database report specifically prepared for the Site by Environmental Data Resources Inc. (EDR).

- Review the EDR Radius Map and the California Department of Conservation Geologic Energy Management Division (CalGEM) Well Finder Website for oil and gas wells, fields, and zones (including radon) in the Site Vicinity and the National Pipeline Mapping System Public Map Viewer website for gas transmission and hazardous materials pipelines in the Site Vicinity.
- Prepare a report summarizing the findings of the information presented above.

The scope of work *did not include* ASTM non-scope considerations such as the identification of suspected 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, nor the sampling of soil, soil vapor, groundwater, lead-based paint, asbestos containing materials, radon gas, or air.

1.4 ASSUMPTIONS

Findings presented in this report hinge upon the following assumptions:

- FREY assumes the Site, as identified in Section 1.0, has been correctly identified by the User (or a designated representative of the User) in agreements, contracts, and/or proposals signed by the User and FREY.
- FREY assumes information regarding the Site history is provided in good faith by the User, designated representative of the User, Site owner, designated representative of the Site owner, and/or Site operator.
- FREY assumes the hydrogeologic conditions (depth to groundwater and groundwater flow direction) beneath the Site, used in the evaluation and determination of environmental concerns for the Site, are similar to those described in Section 2.3.

2.0 PHYSICAL SETTING

Information regarding topography, geology and hydrology are used to evaluate the likelihood of COCs to migrate onto, within, or from the Site.

2.1 TOPOGRAPHIC SETTING

The Site is relatively flat with an elevation of approximately 24 feet above mean sea level (msl) and is located on a gently sloping plain that dips gently to the west-southwest towards the Pacific Ocean. Topographic maps showing the Site are included in the EDR Historical Topo Map Report included in Appendix A.

2.2 GEOLOGY

The Site lies approximately 4.2 miles northeast of the Pacific Ocean within the Orange County portion of the Coastal Plain (USGS, 1956). Generally, the Coastal Plain is a flat-lying physiographic feature that dips gently toward the southwest. The Coastal Plain is bound to the north by the Puente Hills, to the east by the Santa Ana Mountains, to the west by the Santa Monica Mountains, and to the south by the Pacific Ocean. The Coastal Plain comprises the alluvial fans of the Los Angeles, Rio Honda, San Gabriel and Santa Ana Rivers. The alluvial fans descend from the Los Angeles Narrows which are situated at approximately 275 feet above mean sea level (feet msl), the Whittier Narrows (200 feet msl) and the Santa Ana Canyon (275 feet msl) in gradients between 10 to 20 feet to the mile and coalesce into a common plain that extends to and merges with the coastal tidelands (USGS, 1959).

Local sediments are associated primarily with flood deposits of the Santa Ana River. On a regional basis, the subsurface soils likely consist of silty sands, sandy silts and clays (LGC, 2021).

2.3 HYDROGEOLOGY

The Site is situated within the Santa Ana Pressure Subbasin of the Lower Santa Ana Watershed (RWQCB, 1995). The Site is located above a generally flat-lying, semi-perched water zone that is found at a depth of approximately 26 feet below the ground surface (bgs). Beneath the Coastal Plain, the semi-perched water occurs in thin layers of silty sand within the Recent deposits, and almost everywhere is separated from the underlying freshwater zone by more or less impermeable layers of silt and clay (USGS, 1959).

Review of regional well data in the Site Vicinity (specifically to the north and west) indicates historic groundwater levels ranging from approximately 5 feet to 15 feet below the existing ground surface (DWR, 2021). Based on information in the SWRCB GeoTracker website for the Los Alamitos Joint Forces Training Base located north of the Site, groundwater in the Site Vicinity may have varied flow directions, however, the overall flow direction is to the west-southwest (SWRCB, 2021).

According to the SWRCB GeoTracker website the closest public water well located approximately 1,800 feet west of the Site. The well is listed as an active, raw groundwater well operated by the City of Seal Beach (SWRCB, 2021).

2.4 GAS AND MINERALS

2.4.1 Oil and Gas Wells

FREY reviewed the EDR Radius Map Report – Physical Settings Map (Appendix A) and the CalGEM Well Finder Website for oil and gas wells in the Site Vicinity. No wells are located within a one-mile radius of the Site (CalGEM, 2021).

2.4.2 Pipelines

FREY reviewed the National Pipeline Mapping System Public Map Viewer website for gas transmission and hazardous materials pipelines in the Site Vicinity. There is an active natural gas pipeline under Lampson Avenue along the south side of the Site (NPMS, 2021). This pipeline is not considered an REC.

2.4.3 Mining

FREY reviewed historical aerial photos and topographic maps provided by EDR showing the Site Vicinity (Appendix A) for common physical surface characteristics indicative of mining activities such as pits, benches, highwalls, stockpiles, waste piles, settling tanks or ponds, berms, and haul roads. No physical characteristics of mining were identified.

2.4.4 Radon

The EDR Radius Map Report - Physical settings report (Appendix A) indicates that the Site is located in a low radon exposure zone according to a generalized assessment of radon potential in Orange County. The USEPA lists San Bernardino County as Radon Zone Level 3, for areas where the indoor average radon level is less than 2 picocuries per liter (pCi/L). According to the California radon database, of thirty four (34) tests conducted in 90720 zip code area, none had detections of radon greater than 4 pCi/L. The USEPA has an action level of 4 pCi/L (EPA, 2002).

3.0 SITE DESCRIPTION AND RECONNAISSANCE

3.1 SITE DESCRIPTION

3.1.1 Legal Site Description

Details of the Site listed below are sourced from Parcel Quest Lite (PCL, 2021). The exact Site dimensions of each Site parcel are depicted in the EDR Property Tax Map Report (Appendix A), and the Site boundary is shown on Figure 2.

Parcel #/ Property Identifier:	130-012-35
Address:	No address listed
Parcel Size:	12.362-acre (500 feet by 1,077.44 feet)
Property Class/Use:	Tax Exempt
Legal Description:	S TWP 4 RGE 11 SEC 32 SEC 32 T 4 R 11 POR NE1/4

3.1.2 Utilities and Service Providers

Electricity:	Southern California Edison Company
Gas:	Southern California Gas Company
Potable Water:	City of Seal Beach Department of Public Works
Sanitary Sewer:	City of Seal Beach Department of Public Works
Storm Water:	Not applicable - Currently storm water drains into a ditch
Non-Hazardous Waste Disposal:	Republic Services
Hazardous Waste Disposal:	Mars Environmental

3.1.3 Site Inspection

FREY conducted a Site inspection on November 8, 2021. FREY met with Chris Maestas, a representative from the facilities management department of the Site, who provided access to all areas of the Site. The Site inspection consisted of visual observations of the Site improvements and the adjoining properties as viewed from the Site boundaries or from adjacent public thoroughfares. Building exteriors were observed along the perimeter from the ground, unless noted otherwise. Representative interior areas of the Site, where safely accessible, were observed, unless noted otherwise. The Site inspection included a visual review of the Site for past or present use, storage, handling, and disposal of potentially hazardous substances, and possible future releases of such substances. Photographs of the Site are attached in Appendix B. The Site layout is depicted on Figure 2.

The Site is developed with an approximate 88,000-square foot, two-story office building with a loading dock and an adjacent enclosed storage area, a parking lot on the western portion of the Site, and landscaped area on the northeast, and south side of the building.

At the time of the inspection, the building was occupied by WestEd (a non-profit research, development, and services agency), the California Department of Fish and Wildlife, NCI, Inc. (a HVAC training center), and an attorney's office. Areas occupied by WestEd consisted primarily of office and conference spaces with associated storage areas, restrooms, breakrooms, and electrical/computer rooms. The areas occupied by the California Department of Fish and Wildlife consisted primarily of office and conference spaces, a library, a lab, a freezer room for storing samples, associated storage areas, restrooms, breakrooms, and electrical/computer rooms. The areas occupied by NCI consisted of classroom, office, and storage spaces. The area occupied by the attorney's office was not accessible during the Site inspection. The building's cooling system are located indoors in two-separate rooms on the second floor consisting of cooling towers and pumps. An elevator is located in the southwestern portion of the building.

On the adjacent west side of the building are a pad mounted transformer and a partially enclosed and fenced in storage area with a backup generator and a diesel above ground storage tank (AST).

The asphalt paved parking lot includes a small area of carports with electrical charging stations and solar panels. Landscaped area is located along the western and southern sides of the parking lot. A storage area including a gated enclosure and four storage containers was located at the northwest corner of the parking lot. This area was not accessible during the Site inspection. Contents of the enclosed area could be seen from the parking lot and consisted of the California Fish and Wildlife boats, trailers, vehicles, and fishing supplies. The containers were confirmed to also belong to California Fish and Wildlife by Chris Maestas.

A concrete lined drainage ditch runs along the southern property line, allowing drainage from the east to west of the Site. Drainage from the paved parking area also flows into this ditch. The drain outlet is located at the southwest corner of the Site.

The following table provides a list of observations made during the Site inspection that are related to or may reflect the presence of hazardous materials, a release of hazardous materials, or a potential release of hazardous materials on the Site.

OBSERVATIONS (4665 Lampson Avenue)	YES	NO
Hazardous Substance and Petroleum Products in Connection with Identified Uses	X	
Hazardous Substance and Petroleum Products in Connection with Unidentified Uses		X
Drums and Containers of Identified Hazardous Substances		X
Drums and Containers of Unidentified Hazardous Substances	X	
Aboveground and Underground Storage Tanks	X	
Strong, Pungent or Noxious Odors		X
Pools of Liquids		X
Electrical or Hydraulic Equipment likely to Contain Fluids (such as but not limited to Hoists and Machinery which may contain Petroleum Hydrocarbons and Transformers, Capacitors, or Fluorescent Light Ballasts which may contain Polychlorinated Biphenyls (PCBs))	X	
Heating and Cooling Source	X	
Interior Stains or Corrosion other than from Water		X
Floor Drains, Sumps, Clarifiers and Oil/Water Separators	X	
Pits, Ponds and Lagoons		X
Exterior Stained Soils or Pavement		X
Stressed Vegetation		X
Onsite Solid Waste Disposal or Unknown Fill		X
Wastewater Discharge		X
Wells, Septic Systems, or Cesspools		X
Other		X

Additional details regarding the observations noted in the above table is provided below.

- FREY noted the following potentially hazardous substances in connection with identified uses.

SUBSTANCE	QUANTITY/ LOCATION	CONDITION
Diesel	In a 500 gallon AST located on a concrete pad with berm in a storage area on the western exterior of the building. Concrete pad is cracked.	Good: No apparent leaks or spills
Hydraulic Oil	Hydraulic elevator machinery in the southwestern portion of the building on cracked floor.	Poor: Apparent leaks and spills

- Compressed gas canisters for diving were stored in a California Fish and Wildlife storage area.
- One 55-gallon drum labeled with PCB contents was located in the storage area on the western side of the building.
- One, approximately 20-gallon drum of unknown substance was located in the storage area on the western exterior of the building. The drum was in good condition and no leakage or surficial staining was observed.
- Small cleanouts and floor drains were observed in the restrooms and a shower and eyewash station located in the California Fish and Wildlife laboratory.
- Various small containers (less than 5 gallons) of oils, coolants, laboratory chemicals, paints, finishes, cleaning solutions, and detergents were observed throughout the building.
- A transformer was observed on the western exterior of the building. No labeling indicating PCB content was observed on the transformer. No leakage or surficial staining was observed around the transformer.

The presence of the diesel AST on the Site is an environmental concern. While no leaks or spills were apparent around the AST during the Site inspection, the concrete pad is cracked, and the potential exists that had any previous leaks or spills occurred that COCs may have reached soil beneath the concrete pad. As such, the presence of the AST on a cracked concrete pad is a REC and VEC.

The hydraulic elevator machinery with visible stains on a cracked concrete floor is a REC due to the potential of COCs such as PCBs to have been released to the soil beneath the concrete.

No other REC were observed during the Site inspection on November 8, 2021.

3.2 IMMEDIATE SITE VICINITY

FREY visually reviewed the exterior of properties surrounding the Site on November 8, 2021. The Site is located in a commercial/residential area. Properties in the ISV are labeled on Figure 2. A description of the properties in the ISV, as identified from the Site walk and as identified on Google Maps, is as follows:

North: The Site is bound to the north by Arbor Park.

East: The Site is bound on the east by the Navy Golf Course.

South: The Site is bound to the south by Lampson Avenue. Immediately across Lampson Avenue are single family residential homes.

West: The Site is bound on the west the Seal Beach VORTAC (SLI) Airport property.

No off-Site RECs were identified in the ISV.

4.0 QUESTIONNAIRE AND USER SUPPLIED INFORMATION

4.1 ASTM TRANSACTION SCREEN QUESTIONNAIRE

Mr. Christopher Maestas, manager of WestEd, completed an ASTM transaction screen questionnaire for the Site. The completed questionnaire, dated November 12, 2021, is provided in Appendix C.

Mr. Maestas answered “no” to the ASTM Standard questions except question #8 in which he responded “yes”. Mr. Maestas provided further information regarding question #8 stating, “*We have on-site an above ground diesel fuel tank which supplies the emergency generator.*” Additionally, Mr. Maestas responded to inquiry regarding historical chemical use and storage at the Site noting that miscellaneous paints for maintenance, oil for equipment, and other standard maintenance related chemicals were used and stored on the Site.

No RECs not previously addressed herein were identified in the information provided by Mr. Maestas.

4.2 USER SUPPLIED INFORMATION

FREY was provided with copies of documents regarding the proposed redevelopment of the Site including a proposed layout, pertinent information regarding infrastructure, geotechnical considerations for the Site area, and findings regarding the Federal Aviation Administration (FAA), and department of Defense (DOD) guidelines to development near aviation facilities due to the Site’s proximity to the Los Alamitos Army Airfield Runway. Copies of this user supplied information are provided in Appendix D.

FREY was also provided a copy of a Phase I ESA conducted for the Site by Tetra Tech in 2016 (TetraTech, 2016). FREY reviewed the 2016 Phase I ESA for any information presented of environmental concern that may not have been revealed during FREY's research. No information of concern, not identified herein was noted in the 2016 Phase I ESA.

5.0 HISTORICAL INFORMATION REVIEW

EDR provided Sanborn® maps, topographic maps, aerial photographs, a city directory abstract, and an environmental lien and activity use limitations (AUL) search for the Site. The EDR information summarized below is presented in Appendix A.

5.1 SANBORN MAPS

The EDR Certified Sanborn® Map Report lists the Site as an unmapped property.

5.2 TOPOGRAPHIC MAPS

EDR provided historical topographic maps from 1896, 1899, 1902, 1935, 1942, 1943, 1947, 1949, 1950, 1964, 1972, 1981, and 2012. A summary of details from the topographic maps is below.

- 1896-1947: No man-made features are depicted on the Site. With exception of roads little development is depicted within a one-mile radius of the Site.
- 1949-1964: The Site is shown within the southern boundary of an area designated the Naval Reservation/ Los Alamitos Naval Air Station. No man-made features are depicted on the Site. The 1949 and 1950 maps show little development near the Site with exception of buildings associated with the Naval Reservation ¾-mile north-northwest of the Site. The 1964 map shows the Naval Air Station Runway is now present north of the Site and that residential development of the Site area had begun.
- 1972-1981: One, rectangular building is depicted on the Site which appears to represent the current Site building. The Site is still shown within the southern boundary of the Los Alamitos Naval Air Station which is renamed the Los Alamitos Armed Forces Reserve Center (AFRC) in the 1981 map. The golf course east of the Site and the residential development south of the Site are shown.
- 2012: No buildings are shown on this map. The Site is not depicted within any labeled boundary.

No RECs were identified in review of the topographic maps.

5.3 AERIAL PHOTOGRAPHS

EDR provided aerial photographs from 1928, 1938, 1947, 1952, 1963, 1972, 1977, 1988, 1990, 1994, 2002, 2005, 2009, 2012, and 2016. A summary of information derived from the photos is below.

- 1928-1963: The Site appears to have been cleared of natural vegetation and furrowed for agricultural use (row crops) as does the majority of the surrounding properties. Portions of the airstrip and a few small buildings (likely farm/residential buildings) are north of the Site beginning in the 1947 photo.
- 1972: The Site appears to be developed generally as it exists currently with the two-story building, parking area and surrounding landscaped area. The properties south of the Site appear densely developed with single-family homes.
- 1977: The property to the adjacent east of the Site appears developed as the golf course.
- 1988-2016: The property to the adjacent north of the Site appears developed as a park.

The use of the Site for row crops, as seen in the 1928 through 1963 photos, is a concern due to the potential application of arsenical pesticides and herbicides and organochloride pesticides (OCPs) to irrigated crops. Pesticides such as these are COCs that accumulate in near surface soils. The Site has been graded in preparation for the construction of the current commercial development.

The near surface soils have been disturbed due to grading activities. Based on Site consideration the former Site use for growing row crops is not considered a REC.

No RECs were identified in review of the historical aerial photos.

5.4 CITY DIRECTORY REVIEW

FREY reviewed the EDR City Directory Abstract which included a search for listings from 1966 through 2014 for the Site and addresses in the Site Vicinity on Lampson Avenue. The Site was identified in the listings as follows:

- Southwest Regional Lab (SWRL) Research/Education/Development (1987, 1992, 1995)
- Association of California School Administrators, Inc. (1987, 1992, 1995)
- California State University (2005)
- State of California Fish and Game (2005, 2014)
- WestEd Lab for Education, Research and Development (2005, 2010, 2014)
- Law Offices – Various attorneys (2014)

Listings for addresses near the Site on Lampson Avenue all appear to be for private residences.

None of the listings identified for the Site in the EDR City Directory Abstract were clearly indicative of the handling of COCs and as such no on-Site nor off-Site RECs were identified in the historical listings for the Site.

5.5 ENVIRONMENTAL LIENS

FREY reviewed the environmental lien search reports provided by EDR which included a search for environmental liens and AULs for the Site. The Site's title is listed as vested in the United States of America. No liens or AULs are reported for the Site.

6.0 GOVERNMENT AGENCY RECORDS REVIEW

6.1 CITY OF LOS ALAMITOS

FREY submitted a request to the LABSD and LAFD for files pertaining to the Site. As of the writing of this report, FREY has not received a response to the request.

6.2 ORANGE COUNTY

6.2.1 OCFA

FREY submitted a request to the OCFA for files pertaining to the Site. The OCFA provided a one-page summary for an inspection on March 29, 2011, of the California Department of Fish and Game at the Site. The facility is listed as a business office permitted for combustible liquids and listed to handle chemicals noted as "small arms ammunition." A copy of the OCFA document for the Site is included in Appendix E.

No RECs were identified in the OCFA information for the Site.

6.2.2 OCHCA

FREY submitted a request to the OCHCA for files pertaining to the Site. The OCHCA responded that no responsive records were identified. A copy of the OCHCA response is provided in Appendix E.

6.2.3 OCSD

FREY submitted a request for Site records to the OCSD. As of the writing of this report, FREY has yet to receive a response from the OCSD to the request.

6.3 STATE OF CALIFORNIA

6.3.1 DTSC EnviroStor

FREY researched environmental cleanup sites and hazardous waste permitted facilities using the DTSC EnviroStor website (DTSC, 2021). 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.

The DTSC EnviroStor website does not show any listings for the Site nor any listings for properties within the AOC of the Site.

6.3.2 SWRCB GeoTracker

FREY researched leaking UST (LUST) cleanup, cleanup program, military cleanup sites, waste discharge requirement, UST, DTSC hazardous waste, land disposal, and oil/gas permitted facilities using the SWRCB GeoTracker website (SWRCB, 2021). 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. A summary of the information gathered from GeoTracker is presented below.

The Site is shown as listed within the boundaries of an army installation called AFRC Los Alamitos. Preliminary assessment of the installation began in 1993 to collect information concerning environmental conditions to assess possible threats to human health and the environment, based on current and past operating practices and various operable units were created to facilitate evaluation. Numerous Military Cleanup Facility listings are shown with the boundaries of the installation. The majority of the facility listings are listed as completed with cases closed.

The closest two facility listings associated with the installation are shown approximately 1,300 and 1,700 feet north of the Site. One of the listings is for a Munitions Bunkers area located in the southeast portion of the base near an agricultural maintenance yard, and the other listing is a former rifle range that is now part of the golf course. Both facilities received case closure in 2006 and 2007 following investigation and/or remediation of lead impacted soil. Based on the information reviewed it does not appear likely that soil or groundwater beneath the Site has been negatively impacted by former activities at the area of these two facility listings, and they are not considered RECs.

Additional facility listings associated with the AFRC Los Alamitos that are still open/active are located approximately 4,000 feet to over 1-mile from the Site to the north and northwest of the Site in hydrogeological cross- or down-gradient locations. Based on the information reviewed facility listings including the COCs related to the cases and the locations, the additional facility listings for the AFRC Los Alamitos installation are not located within the AOC and are not considered RECs.

No other facility listings of concern were listed within the AOC of the Site on the GeoTracker website.

6.3.3 SCAQMD

FREY reviewed the Facility Information Detail (FIND) online database maintained by the SCAQMD for facility listings for the Site. The Site is listed on the SCAQMD FIND database as SWRL Educational Research and Development (Facility ID 3977) with a registration date of January 14, 1997 (SCAQMD, 2021). No other pertinent information is listed.

7.0 REGULATORY DATABASE REVIEW

7.1 REGULATORY DATABASE SUMMARY

The EDR Radius Map report, included in Appendix A, provides a summary of standard records information sourced from federal, state, tribal, and local databases containing known and suspected facilities with environmental contamination and known and suspected facilities of potential environmental significance due to hazardous materials handling. The number of listed facilities identified within the approximate minimum search distance from the federal and state environmental records database listings specified in the ASTM Standard is summarized in the table below.

Database		Search Distance (mile)	# of Listings	Site Listed
FEDERAL	NPL	1.0	0	No
	Delisted NPL	0.5	0	No
	SEMS/CERCLIS	0.5	0	No
	SEMS-ARCHIVE/CERCLIS NFRAP	0.5	0	No
	RCRA CORRACTS	1.0	0	No
	RCRA non-CORRACTS TSD	0.5	0	No
	RCRA generators	Site & ISV	0	No
	Institutional /Engineering control	Site	0	No
	ERNS	Site	0	No
STATE & TRIBAL	NPL	1.0	0	No
	CERCLIS	0.5	0	No
	Landfill and/or Solid Waste Disposal	0.5	0	No
	Leaking Storage Tank	0.5	5	No
	Registered Storage Tanks	Site & ISV	0	No
	Institutional /Engineering control	Site	0	No
	Voluntary Cleanup	0.5	0	No
	Brownfield	0.5	0	No
	Additional Environmental record Sources/ EDR Exclusive Records	Varies	50	Yes
	Orphan	Not applicable	0	No

7.2 REGULATORY DATABASE FINDINGS

FREY reviewed the regulatory agency database listings in the EDR Radius Map Report (Appendix A) to identify facilities involved in the storage, use, generation, disposal, and/or release of COCs and evaluated the potential for releases at the Site or the migration of contaminants onto the Site from off-site sources via soil, groundwater, or vapor.

In evaluating if a listed facility is a potential environmental concern to the Site, FREY generally applies the following criteria to determine if a facility is of lower potential environmental concern: 1) the facility information does not indicate the handling of COCs, 2) the facility information does not imply the handling of COCs in quantities to be of concern, 3) the facility information does not imply a release of COCs, 4) the facility was recently granted "No Further Action" by the appropriate regulatory agency for a cleanup case, and/or 5) the facility distance from and the hydrogeologic position relative to the Site present a situation in which the likelihood is low that a potential release of COCs from the facility would migrate onto the Site.

When evaluating a facility listing based on hydrogeologic criteria, the depth to groundwater and groundwater flow direction (whether the facility is located up-, cross- or down-gradient of the Site) provides an indication of the potential for contaminants to migrate from the facility and onto the Site. Specifically, for the Site the depth to groundwater is estimated to be around 5 to 15 feet bgs and is estimated to flow to the west-southwest.

Evaluation of regulatory agency database listings for the Site and facilities identified within the approximate minimum search distance as shown on the above table is provided below.

7.2.1 Site

The Site was identified as follows in the EDR Radius Map report:

- California Department of Fish and Wildlife Los Alamitos is identified in the Resource Conservation and Recovery Act (RCRA) NonGen / NLR, Facility Index System (FINDS), Enforcement & Compliance History Online (ECHO), Hazardous Waste Tracking System (HWTS) and the Hazardous Waste Manifests Database (HAZNET) databases
- WestEd is identified in the HWTS and HAZNET databases.
- 1X SWRL is identified in the HWTS and HAZNET databases.
- One CHMIRS database listing for the Site without a facility name is summarized in the EDR Radius Map report.

The facilities named are described as research and development facilities in the social sciences and humanities and administration of conservation programs in the database information. Off-specification, aged, or surplus organics, laboratory waste chemicals, aqueous solution with total organic residues less than 10 percent, and asbestos containing waste are the only wastes tracked. Asbestos containing waste was only reported once in 2000. No reports of violation are listed.

According to the information in CHMIRS summary, several government vehicles were vandalized while parked in the parking lot in September 2019. The incident resulted in damage to the vehicles fuel tanks and a potential release of 45 gallons of gasoline onto asphalt. The California Highway Patrol was notified. The cleanup is listed as pending.

The potential exists that gasoline from the vandalization of vehicles on the Site parking lot may have seeped into cracks in the asphalt surface and impacted the soil beneath, as such, this incident is considered an REC and VEC.

The additional information identified for the Site in the EDR Radius Map report is not considered an REC.

7.2.2 Off-Site Facilities

State and Local Leaking Storage Tank Facilities

Three (3) LUST and two (2) Spills, Leaks, Investigations & Cleanup Cost Recovery (SLIC) facilities are identified within ½-mile of the Site.

The 3 LUST cases, which received closure, are all regarding petroleum hydrocarbons for an Arco gas station which is located beyond the AOC of 528 feet for petroleum hydrocarbons COCs and are not considered RECs.

One (1) of the SLIC facilities is for Your Cleaners and Laundry located at 5234 Lampson Avenue and approximately 1,850 feet east of the Site. Dry cleaning operations have been conducted at this property since 1972. Solvents such as tetrachloroethylene (PCE) and trichloroethylene (TCE) are the COCs related to the cleanup case. Soil and groundwater contamination with solvents at this facility is verified, the extent of which is still being assessed. Based on the information reviewed and the hydrogeological upgradient location relative to the Site, the potential exists that solvent based COCs may have migrated from the drycleaner property and to the Site. This facility is considered a REC and VEC. However, based on the distance to the Site, the presence of the Bolsa Chica Channel between the Site and the facility (which may have a localized affect on the groundwater flow direction), and overall flow pattern in the Site Vicinity to have a west-southwest gradient, the likelihood appears low that solvent based COCs would have migrated to the Site in groundwater in concentrations that would be a concern with respect to regulatory property use guidelines.

The other SLIC facility is listed at the Bolsa Chica Channel Dewatering at 5250 Lampson Avenue and approximately 1,800 feet east of the Site. This cleanup case was closed in 2009 and was regarding solvent based COCs impacting soil and groundwater. No other pertinent information is provided on the facility listing. However, based on the adjacent and hydrogeological down-gradient location to the

Your Cleaners and Laundry facility discussed immediately above, FREY assumes the cases to be related, and the Bolsa Chica Channel Dewatering is not considered a separate REC.

Additional Environmental Databases

Fifty (50) facility listings were identified in the additional databases, exclusive of the specified ASTM Standard federal and state environmental records database listings and/or their approximate minimum search distances.

The Site is shown as located within the boundaries of the Los Alamitos Armed Forces Reserve Center as outlined in the Department of Defense (DOD) database. Information of concern on this facility is discussed in Section 6.3.2.

Based on the hazardous materials information reviewed for the other listings identified in additional environmental databases reported in the EDR Radius Map Report, the distances relative to the Site, and the hydrogeologic conditions in the Site Vicinity, it does not appear likely that any of the 50 additional facilities, not previously discussed herein, have negatively impacted soil or groundwater beneath the Site, and they are not considered RECs.

8.0 DATA GAPS

During review of historical documents for the Site, no building permits for the Site were identified or reviewed. The lack of review of building permits for the Site is considered a data gap. However, this data gap is considered insignificant as historical information available provide a fairly cohesive framework of Site use and development.

According to information presented in the EDR Radius Map report vandalism of government vehicles resulted in the release of gasoline in the Site parking lot. Details regarding cleanup efforts resulting from this incident and the exact locations of this incident in the parking lot were not identified and constitute a data gap.

9.0 FINDINGS AND 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 1.3 of this report.

Site Development and Use

This Site is a 12.362-acre lot currently developed with an approximate 88,000-square foot, two-story office building, a parking lot, and landscaping. The building contains a hydraulic elevator in the southwest portion. Storage areas outside of the building include an attached enclosure for a 500-gallon diesel AST and a backup generator on the west side of the building, an enclosed storage area for tenant government vehicles on the northwest corner of the parking lot, and three freight containers on the northwest corner of the parking lot.

This Site is currently occupied by WestEd (a non-profit research, development, and services agency), the California Department of Fish and Wildlife, NCI, Inc. (a HVAC training center), and an attorney's office.

The Site was first developed prior to 1928 for agricultural use (row crops) and used as such through 1963. The Site was developed generally as it exists currently with the office building and parking lot around 1971.

Data Gaps

No building permits for the Site were identified or reviewed. The lack of review of building permits for the Site is considered a data gap. However, this data gap is considered insignificant as historical information available provide a fairly cohesive framework of Site use and development.

A reported incident of vandalism to government vehicles which resulted in the release of gasoline in the Site parking lot was identified. Further detail regarding cleanup efforts resulting from this incident nor the exact locations of this incident in the parking lot was not identified and is considered a data gap.

On-Site Concerns

- A 500-gallon diesel AST used for powering a backup generator is located on a concrete pad with concrete berm. The concrete was observed to be cracked, and the potential exists that had any previous leaks or spills occurred from the AST that petroleum hydrocarbons COCs may have reached soil beneath the concrete pad. As such, the presence of the AST on a cracked concrete pad is a REC and VEC.
- The machinery for the hydraulic elevator is located on a cracked concrete floor and visible stains are present on the concrete surrounding the machinery. This is considered a REC due to the potential of COCs such as PCBs to have been released to the soil beneath the concrete in the elevator machinery room.
- Several government vehicles were vandalized while parked in the Site parking lot in September 2019. The incident resulted in damage to the vehicles fuel tanks and a potential release of 45 gallons of gasoline onto asphalt. Details regarding the resulting cleanup were not identified. The potential exists that gasoline from the vandalization of vehicles on the Site parking lot may have seeped into cracks in the asphalt surface and impacted the soil beneath, as such, this incident is considered an REC and VEC.

No other on-Site RECs, HRECs, or CRECs were identified.

Off-Site Concerns

- An open SLIC case exists for Your Cleaners and Laundry located at 5234 Lampson Avenue an approximately 1,850 feet east of the Site. Dry cleaning operations have been conducted at this property since 1972 and dry cleaning solvents such as tetrachloroethylene (PCE) and trichloroethylene (TCE) have impacted soil and groundwater on and off the facility property, the extent of which is still being assessed. Based on the information reviewed and the hydrogeological upgradient location relative to the Site, the potential exists that solvent based COCs may have migrated from the drycleaner property and to the Site. This facility is considered a REC and VEC. However, based on the distance to the Site, the presence of the Bolsa Chica Channel between the Site and the facility (which may have a localized affect on the groundwater flow direction), and overall flow pattern in the Site Vicinity to have a west-southwest gradient, the likelihood appears low that solvent based COCs would have migrated to the Site in groundwater in concentrations that would be a concern with respect to regulatory property use guidelines.

No other off-Site RECs, HRECs, or CRECs were identified.

10.0 RECOMMENDATIONS

FREY recommends that a soil management plan (SMP) be prepared prior to Site redevelopment. The SMP will be designed to assist the Site owner by providing guidelines to identify potential or known environmental conditions that may be encountered during excavation activities associated with Site redevelopment to ensure compliance with applicable laws and regulations. This SMP will assist the owner and contractors in managing potential environmental issues encountered during earthmoving and excavation, including disposal and/or re-use of soil during Site redevelopment.

11.0 LIMITATIONS

This Phase I ESA report is compliant and consistent with the US EPA's 40 CFR Part 312 Standards and Practices for AAIs and the ASTM Standard Practice for ESAs: Phase I Environmental Site Assessment Process. Please note that the report does not address whether other requirements in addition to all appropriate inquiry have been met. Other requirements may include, but are not limited to, the continuing obligation not to impede the integrity and effectiveness of existing activity and use limitations (AULs), the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting information.

This report was completed solely to meet the needs of FREY's Client (the User). FREY assumes no responsibility for errors or omissions of information provided by the User. Additionally, FREY is not liable for any unintended usage of this report by any other parties.

This report was designed to reduce uncertainty regarding the existence of RECs in a manner that recognizes reasonable limits of time and cost. FREY assumes no responsibility for conditions that did not come to our attention despite reasonable care, or for conditions which were not generally recognizable as environmentally unacceptable at the time of this report. An ESA may not wholly

eliminate uncertainty regarding the potential for RECs in connection with a Site. Opinions and judgments expressed herein are based on our professional understanding and interpretations of currently available regulatory standards and should not be construed as legal opinions or advice. This report is not intended to be nor interpreted as legal advice.

The findings, conclusions, and recommendations in this report are based on Site conditions as they existed at the time of our assessment. Our review of all documents, lists, databases, and public agency files has been conducted with due diligence. The conclusions represent FREY's professional judgment based on information obtained and reviewed during the course of this assessment. However, our conclusions are based on available information and are further subject to constraints imposed by public agencies on review procedures and information retrieval. As a result, FREY may have been unable to identify potential concerns that it was not made aware of due to such constraints. FREY shall have no on-going obligation to obtain information that was not reasonably ascertainable, practically reviewable, or provided to FREY in a reasonable timeframe to formulate an opinion and complete the assessment by the agreed upon due date.

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.

The factual data and interpretations contained herein pertain to the specific project described in this report and are not applicable to any other project or site. Our investigation was performed using the standard of care and level of skill ordinarily exercised under similar circumstances by reputable environmental assessors, geologists, and engineers currently practicing in these or similar localities. No other warranty, express or implied, is made as to the conclusions and professional advice included in this report.

This report was compiled partially of information supplied to FREY from third party sources, other information that is in the public domain, and from a visual inspection of the Site. Third party information is accepted and used solely on the basis of the certifications, registrations, and/or reputation of the parties providing the information. However, FREY does not verify the data, findings, or conclusions of third-party sources, or attest to the completeness, accuracy, or adequacy of their work. FREY makes no warranty and accepts no liability or responsibility to the accuracy of any data, representations, or conclusions made by third parties.

This report is not intended as, shall not be interpreted as, and cannot be considered a verification of regulatory permitting and compliance. FREY assumes no responsibility or liability respecting regulatory permitting or compliance issues. The Site may or may not be subject to regulation and permitting under environmental and health and safety laws, such as, but not limited to, the Clean Air Act, the Clean Water Act, the Solid Waste Disposal Act, the Occupational Safety and Health Act, and other federal, state and local regulations, depending upon historic, current or intended future use.

12.0 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.

Joe Frey
Principal Geologist
CEG #1500



(MOLLIE BANH FOR)
Deanna Hoppe
Senior Staff Geologist

Kent Tucker
Senior Project Geologist
PG #7584



Mollie Banh
Project Engineer

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.
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- CalGEM (California Department of Conservation Geologic Energy Management Division), 2021; CalGEM Well Finder website (www.conservation.ca.gov/calgem/Pages/WellFinder.aspx) search for oil wells in site vicinity on November 9, 2021.
- DTSC (Department of Toxic Substances Control), 2021; envirostor.dtsc.ca.gov, Site Vicinity search performed on November 10, 2021.
- DWR (California Department of Water Resources), 2021, Review of the DWR Water Data Library website, <http://www.water.ca.gov/waterdatalibrary/>, conducted on November 9, 2021.
- EDR (Environmental Data Resources, Inc.), 2021, Radius Map with Geocode, Property Tax Map, Building Permit Report, Certified Sanborn Map Report, Historical Topographic Map Report, Aerial Photo Decade Package, City Directory Abstract Report, and Environmental Lien and AUL Search, dated October 2021.
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- LGC (LGC Geotechnical, Inc.), 2021; Letter to Mr. Matthew Waken, Subject: Geotechnical Due Diligence Desktop Study, Proposed "Poplar Plaza" Residential Development, 4665 Lampson Avenue, Los Alamitos, California, dated August 25, 2021.
- RWQCB (Regional Water Quality Control Board - Santa Ana Region), 1995, Water Quality Control Plan, Santa Ana River Basin.
- SWRCB (California State Water Resources Control Board), 2021, GeoTracker ESI website Site Vicinity Search conducted on September 15, 2021. USGS (United States Geological Survey), 1956; Groundwater Geology, Coastal Zone, Long Beach-Santa Ana area, California, Geological Survey Water Supply Paper 1107.
- _____, 1959; Hydrology of the Long Beach-Santa Ana area, California, Water Supply Paper 1471.
- NPMS (National Pipeline Mapping System), 2021; <https://pvnpm.phmsa.dot.gov/PublicViewer/>, Search for pipeline in the Site Vicinity conducted on November 8, 2021.
- PQL (Parcel Quest Lite), 2021, <https://assr.parcelquest.com/Home>, search for Site information conducted on November 7, 2021.

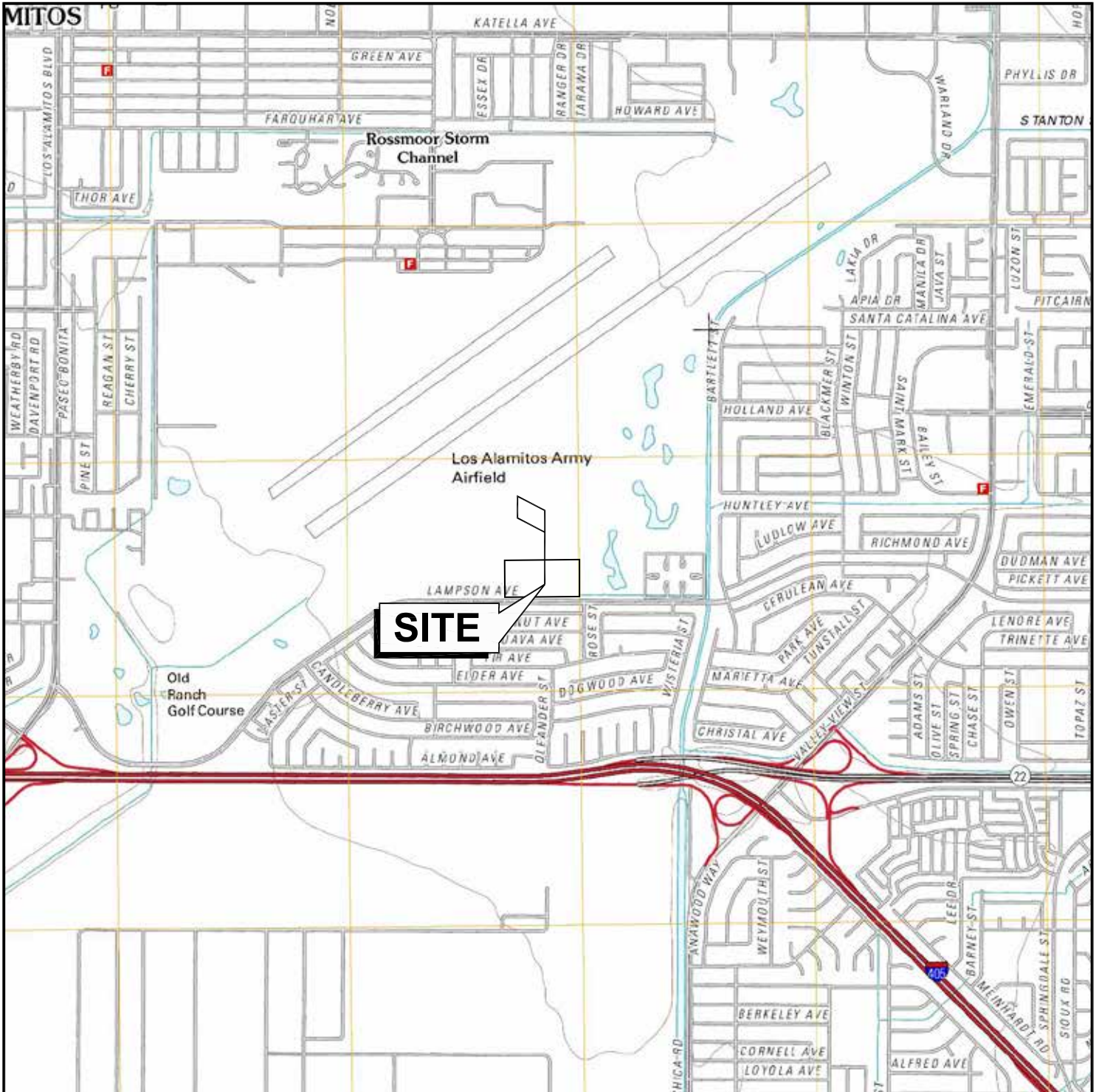
REFERENCES (cont.)

Tetra Tech, 2016, Phase I Environmental Assessment Report, GSA Southwest Regional Laboratory, 4665 Lampson Avenue, Los Alamitos, California 90720, dated May 2016.

SCAQMD (South Coast Air Quality Management District), 2021; <https://xapprod.aqmd.gov/find>, search for Site records performed on November 8, 2021.

SWRCB (California State Water Resources Control Board), 2021, GeoTracker ESI website Site Vicinity Search conducted on November 9, 2021.

FIGURES



NOTE:

- 1. Base map information from Los Alamitos, 2012, USGS 7.5 minute, California topographic quadrangle.



APPROXIMATE SCALE IN MILES



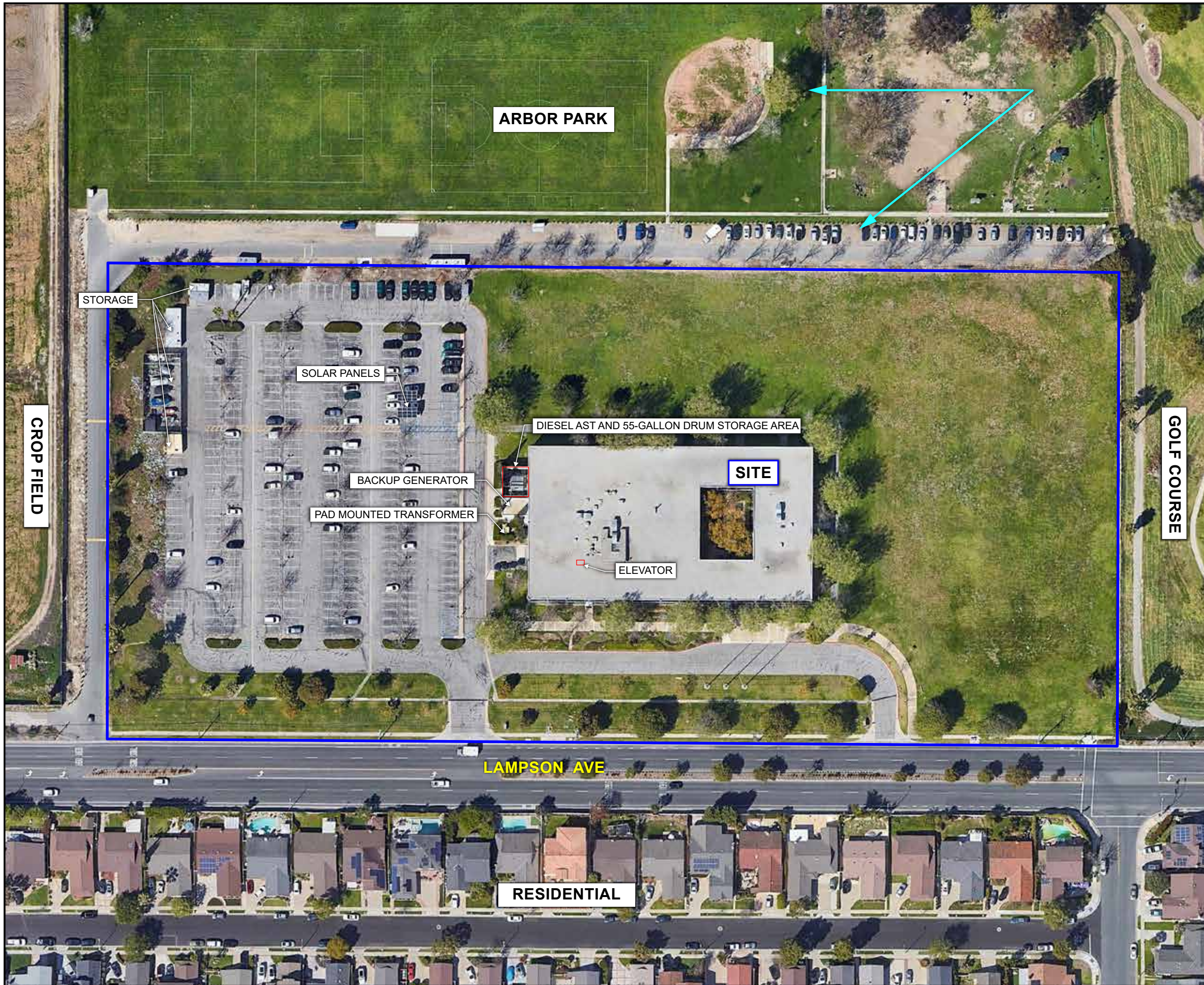
SITE LOCATION MAP

4665 LAMPSON AVENUE
LOS ALAMITOS, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
	1103-04	11/2021

FILE NAME:	FIGURE 1
1103-04-SL.AI	



LEGEND



ESTIMATED GENERAL DIRECTION OF GROUNDWATER FLOW

NOTES:

1. All locations and dimensions are approximate.
2. Base photo from Google Earth, accessed on November 12, 2021.



SITE AND IMMEDIATE SITE VICINITY

4665 LAMPSON AVENUE
LOA ALAMITOS, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
	1103-04	11/2021
FILE NAME:	FIGURE 2	
1103-04-SK.AI		

Professional Environmental Consulting
and Training
Asbestos
Lead
Mold/Healthy Homes



Working for a clean environment
4025 Camino Del Rio South, Suite 300
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www.allstate-services.com

LEAD-BASED PAINT TESTING REPORT

@

**4665 LAMPSON AVENUE
LOS ALAMITOS, CALIFORNIA 90720**

**PREPARED FOR:
MR. SAWYER JONES
FREY ENVIRONMENTAL, INC.
2817A LAFAYETTE AVENUE
NEWPORT BEACH, CALIFORNIA 92663**

**PREPARED BY:
STACEY J. MILANO
INSPECTOR/ASSESSOR
CERTIFICATION #LRC-0000083**

NOVEMBER 15, 2021

Professional Environmental Consulting
and Training
Asbestos
Lead
Mold/Healthy Homes



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November 15, 2021

Mr. Sawyer Jones
FREY Environmental, Inc.
2817A Lafayette Avenue
Newport Beach, California 92663

RE: Lead-based paint testing at 4665 Lampson Avenue, Los Alamitos, California 90720

Dear Mr. Sawyer Jones:

In accordance with your request and authorization, Allstate Services LLC. conducted lead-based paint testing at 4665 Lampson Avenue in Los Alamitos, California on November 8, 2021. The on-site work was performed by Steven Pettit, California Sampling Technician #LRC-00009380, under the direction of Stacey J. Milano, a California Certified Lead Inspector/Assessor.

If you need any further assistance after reviewing your report, please do not hesitate to contact me. Allstate Services LLC remains available to assist you in any way possible.

Sincerely,

A handwritten signature in blue ink that reads "Stacey J. Milano".

Stacey J. Milano
CDPH Inspector/Assessor #LRC-00000083

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Appendices

- A. Summary Testing Notice
- B. Detailed XRF Testing Results
- C. Floor Plans
- D. Inspector/Assessor Certifications
- E. CDPH Form 8552 - Lead Hazard Evaluation Report

1.0 TESTING METHODOLOGY

Lead-based paint testing was conducted using portable x-ray fluorescence (XRF) spectrum analyzer, Model Niton XLP 300, Manufactured by Niton, Inc. The Niton XLP 300 is calibrated to measure the K-shell x-ray emissions of lead. The K-shell normally used for paint analysis because it measures lead in all layers of paint films, including the lower layers where higher concentrations of lead are usually found.

Lead-based paint testing was conducted in accordance with *Title 17, California Code of Regulations, Division 1, Chapter 8, Accreditation, Certification, and Work Practice in Lead Related Construction, Section 36000* and the United States Department of Housing and Urban Developments *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, Chapter 7 Lead-Based Paint Inspections*, as published in June 1995 and revised in 1997.

The purpose of this inspection is to identify surfaces, which contain lead-based paint as per California regulations, the *HUD Guidelines and section 403 of the Toxic Substances Control Act*.

The state of California, HUD and the EPA currently define lead-based paint as a paint or other surface coating which contains lead equal to or greater than 1.0 milligrams of lead per square centimeter of surface area (mg/cm^2).

The Los Angeles County Department of Health Services has established a more stringent threshold level of $0.7 \text{ mg}/\text{cm}^2$ for lead in paint for lead poisoning cases (LACC Title 11, Chapter 11.28.010, Section C). Due to fact that the subject property is in the Los Angeles County and for the purpose of this report the more stringent standard of $0.7 \text{ mg}/\text{cm}^2$ would be used as the threshold level for this survey.

XRF readings were taken using the “K-L Variable” mode of the Niton XLP 300. The “K-L Variable” mode measurements have no predetermined testing length, and automatically adjust to account for various types of substrates and materials densities. The precision of the XRF readings is proportional to the square root of the number of x-rays counted by the scanner. The longer the test, the higher the level of precision as compared against the set threshold level of $1.0 \text{ mg}/\text{cm}^2$.

In the “K-L Variable” mode, the Niton XLP 300 tests until a K-shell result is indicated as either positive or negative, compared to the threshold level based on the current precision of the test. Correction for paint matrix and substrate effects is performed automatically. The correction function is based on measurements performed by the manufacturer with NIST paint film standards laid over a variety of substrates typically encountered in construction.

Based on the XRF Performance Characteristic Sheet (PCS) jointly released by HUD and EPA (effective September 24, 2004), there is no inconclusive range and the Threshold is $1.0 \text{ mg}/\text{cm}^2$. Results are classified as positive if they are at or greater than the threshold as listed. Results are classified as negative if they are less than the listed threshold. No substrate correction is required for testing using the “K-L Variable” mode.

XRF readings were made on testing combinations in all room equivalents in an effort to test typical materials which are representative of the room equivalent. Testing combinations were tested non-destructively by holding the Niton XLP 300 against the surface being tested. At each XRF sample location the Niton XLP 300 shutter is opened, and one reading was made using the “K-L Variable” testing mode. Results of each test were read from the digital display of the instrument console and recorded on the Detailed XRF Testing Results attached in Appendix B.

To ensure that the XRF equipment was working properly, various quality control tests were performed before, during and after the on-site work. At the beginning of the workday, three start up validation measurements were made in the “K-L Variable” mode, using the calibration check standard associated with the particular Niton XLP 300 that was used. This painted standard contains a known quantity of lead and allows the XRF operator to determine whether the instrument is functioning within acceptable tolerance ranges for accuracy and precision, as determined by the manufacturer.

In addition to the three starts up tests, calibration readings were taken on the red 1.02 mg/cm² Standard Reference Material (SRM) paint film, developed by the National Institute of Standards and Technology (NIST). Results of each reading, along with computed readings averages were recorded on the XRF Calibration Form and compared against the calibration tolerance range defined the Niton XLP 300 PCS. This calibration check was also performed after four hours and at the end of the day. The quality control tests taken during testing at the subject property were within the acceptable performance range prescribed by the PCS and by the XRF equipment manufacturer. Documentation of the quality control calibration check is included in Appendix B, following the detailed testing data.

2.0 BUILDING DESCRIPTION

The subject property is a commercial office building, approximately 90,000 ft². The building exterior is metal and glass. There is only paint around the generator room. The building interior consists of drywall walls, some drywall ceilings, and wood and metal doors. Most floors are carpet and most ceilings are acoustic drop ceilings. Most windows and doors were factory finished.

3.0 LEAD-BASED PAINT FINDINGS

Lead-based paint was found at or above the Los Angeles County threshold level of 0.7 mg/cm² on the following components:

- Break Room drywall walls

4.0 CALIFORNIA STATE REQUIREMENTS

Allstate Services is required under California regulations (Title 17, CCR, Division 1, Chapter 8) to notify the California Department of Public Health that a lead hazard evaluation survey was conducted at the subject property.

Please see Appendix E for CDPH Form 8552, Lead Hazard Evaluation Reports.

5.0 RECOMMENDATIONS

If this building undergoes renovation in the future, personnel performing the construction work should be properly trained in lead-related construction. California regulations define lead-related construction work as, “Construction, alteration, painting, demolition, salvage, renovation, repair, or maintenance of any residential, public or commercial building, including preparation and cleanup that, by using or disturbing lead containing material or soil, may result in significant exposure of individuals to lead.”

California has a certification process for lead related construction workers. To receive a list of certified individuals, you may contact the Lead Accreditation and Certification Unit Hotline at (800) 597-5323.

There are different methods of addressing lead hazards. These methods include:

Abatement A measure or set of measures designed to permanently eliminate lead-based paint hazards or lead-based paint. There are different methods of abatement:

Replacement: Removing the old component and installing a new non-lead containing component. Replacement is best suited for components that are easily removed. This includes doors, windows, trim, etc.

Enclosure: Covering a surface with a durable mechanically affixed, dust tight material, such as drywall, paneling, aluminum siding, etc. Enclosure is best used on walls, ceilings, floors, and some exterior components.

Removal: Removing the paint from the substrate. This is accomplished by wet scraping, using power tools with special HEPA vacuum attachments, heat guns, and chemical stripping either on or off site. Paint removal is best suited when a component is to be preserved or when a component cannot be easily replaced or enclosed. Lead-based paint encapsulant products must have a minimum of twenty years warranty.

Encapsulation: The process that makes lead-based paint inaccessible by providing a barrier between the lead-based paint and the environment. This barrier is formed using a liquid applied coating or an adhesive bonded covering material. Encapsulation is best used on walls and ceilings. Please note that ordinary lead-free paint is not considered an encapsulation.

Interim Controls A set of measures designed to temporarily reduce human exposure or likely exposure to lead-based paint hazards. Interim controls include specialized cleaning, repairs, maintenance, painting, temporary containment, ongoing monitoring of lead-based paint hazards or potential hazards and the establishment and operation of management and resident education programs. Interim controls should be used only if full abatement is not feasible. Reducing the hazards can be accomplished by simply keeping the painted surfaces intact and through specialized cleaning methods. If abatement cannot take place soon, interim controls should be implemented and maintained until full abatement can be made.

As previously stated, any activities involving lead hazard control and/or lead abatement must be performed by certified individuals.

6.0 OSHA COMPLIANCE

OSHA Regulations (Title 8 CCR Section 1532.1 and 29 CFR 1926.62) apply to all construction work where an employee may be occupationally exposed to lead, and therefore may be applicable to renovation or demolition projects involving paints with any concentration of lead.

It should be noted that “Lead-Based Paint Inspection” is a survey to discover the existence of lead-based paint only, which is defined as paint or other coating with lead levels of 1.0 mg/cm² or 0.5%. There are many other building materials, which may contain lead in the average building. When conducting construction activities, which disturb lead in any amount or create an exposure to workers, the employer is required to provide worker protection and conduct exposure assessments. All employers should consult Federal OSHA Regulations at 29 CFR 1926.62 and Cal-OSHA Regulations at Title 8, 1532.1, “Lead in Construction” standards for complete requirements.

7.0 FEDERAL REQUIREMENTS

A copy of this summary must be provided to new lessees (tenants) and purchaser of this property under federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to tenants. Landlord (lessors) and sellers are also required to distribute an educational pamphlet approved by the U. S. Environmental Protection Agency and include standard warning language in their lease or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards.

APPENDIX A
SUMMARY TESTING NOTICE

Professional Environmental Consulting
and Training
Asbestos
Lead
Mold/Healthy Homes



Working for a clean environment
4025 Camino Del Rio South, Suite 300
San Diego, CA 92108
(619) 542-7717
info@allstate-services.com
www.allstate-services.com

Summary Notice of Lead-Based Paint Testing

Address/location of properties this summary notice applies to:

***4665 Lampson Avenue
Los Alamitos, California 90720***

Lead-based paint testing description:

Date of testing: ***November 8, 2021***

Summary of testing results (check all that apply):

- A. No lead-based paint was found.
- B. Lead-based paint was found.
- C. A summary of the findings of the inspection is provided below (required if lead-based paint is found)

See positive summary table.

Prepared by: ***Stacey J. Milano***

Certification Number: ***#LRC-00000083***

POSITIVE XRF SUMMARY REPORT

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
426	Interior	Break Area	C	Upper Wall	Drywall	White	Intact	2.0	Positive	75 Ft ²	
427	Interior	Break Area	C	Lower Wall	Drywall	Green	Intact	1.8	Positive	75 Ft ²	

****Quantity estimations of leaded materials are provided for budget considerations only and should be verified onsite by bidders.**

APPENDIX B
DETAILED XRF TESTING RESULTS

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
1	Exterior	Building Exterior	B	Wall	Metal	White	Intact	0.0	Negative		
2	Exterior	Building Exterior	B	Vent	Metal	White	Intact	0.0	Negative		
3	Exterior	Building Exterior	B	Door	Metal	White	Intact	0.0	Negative		
4	Exterior	Building Exterior	B	Door Frame	Metal	White	Intact	0.0	Negative		
5	Exterior	Building Exterior	B	Railing	Metal	Gray	Deteriorated	0.0	Negative		
6	Interior	Room 14	A	Wall	Drywall	White	Intact	0.0	Negative		
7	Interior	Room 14	B	Wall	Drywall	White	Intact	0.0	Negative		
8	Interior	Room 14	C	Wall	Drywall	White	Intact	0.0	Negative		
9	Interior	Room 14	D	Wall	Drywall	White	Intact	0.0	Negative		
10	Interior	Room 15	A	Wall	Drywall	White	Intact	0.0	Negative		
11	Interior	Room 15	B	Wall	Drywall	White	Intact	0.0	Negative		
12	Interior	Room 15	C	Wall	Drywall	White	Intact	0.0	Negative		
13	Interior	Room 15	D	Wall	Drywall	White	Intact	0.1	Negative		
14	Interior	Room 16	A	Wall	Drywall	White	Intact	0.0	Negative		
15	Interior	Room 16	B	Wall	Drywall	White	Intact	0.0	Negative		
16	Interior	Room 16	C	Wall	Drywall	White	Intact	0.0	Negative		
17	Interior	Room 16	D	Wall	Drywall	White	Intact	0.0	Negative		
18	Interior	Hall 4	A	Wall	Drywall	Green	Intact	0.0	Negative		
19	Interior	Hall 4	B	Wall	Drywall	White	Intact	0.0	Negative		
20	Interior	Hall 4	C	Wall	Drywall	White	Intact	0.0	Negative		
21	Interior	Hall 4	D	Wall	Drywall	White	Intact	0.0	Negative		
22	Interior	Hall 4	D	Column	Drywall	Green	Intact	0.0	Negative		
23	Interior	Hall 4	C	Door	Metal	White	Intact	0.0	Negative		
24	Interior	Hall 4	C	Door Frame	Metal	White	Intact	0.1	Negative		
25	Interior	Hall 4	C	Firehose Cabinet	Metal	White	Intact	0.1	Negative		
26	Interior	Room 17	---	Ceiling	Drywall	White	Intact	0.0	Negative		
27	Interior	Room 13	A	Wall	Drywall	White	Intact	0.0	Negative		
28	Interior	Room 13	B	Wall	Drywall	White	Intact	0.0	Negative		
29	Interior	Room 13	C	Wall	Drywall	White	Intact	0.0	Negative		
30	Interior	Room 13	D	Wall	Drywall	White	Intact	0.0	Negative		
31	Interior	Room 18	A	Wall	Drywall	White	Intact	0.0	Negative		
32	Interior	Room 18	B	Wall	Drywall	Green	Intact	0.0	Negative		
33	Interior	Room 18	C	Wall	Drywall	White	Intact	0.0	Negative		
34	Interior	Room 18	D	Wall	Drywall	White	Intact	0.0	Negative		
35	Interior	Room 18	A	Column	Drywall	Green	Intact	0.1	Negative		
36	Interior	Room 18	A	Door	Wood	White	Intact	0.0	Negative		
37	Interior	Room 18	A	Door Frame	Metal	White	Intact	0.0	Negative		
38	Interior	Room 18	D	Door	Wood	Gray	Intact	0.0	Negative		
39	Interior	Room 18	D	Door Frame	Metal	Gray	Intact	0.0	Negative		
40	Interior	Room 1-6	A	Wall	Drywall	White	Intact	0.0	Negative		
41	Interior	Room 1-6	B	Wall	Drywall	White	Intact	0.0	Negative		
42	Interior	Room 1-6	C	Wall	Drywall	White	Intact	0.0	Negative		
43	Interior	Room 1-6	D	Wall	Drywall	White	Intact	0.0	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
44	Interior	Room 1-6	D	Column	Drywall	Green	Intact	0.0	Negative		
45	Interior	Room 1-6	A	Door	Wood	Gray	Intact	0.0	Negative		
46	Interior	Room 1-6	B	Door Frame	Metal	Gray	Intact	0.0	Negative		
47	Interior	Room 1-6	A	Window Frame	Metal	Gray	Intact	0.0	Negative		
48	Interior	Room 19	A	Wall	Drywall	White	Deteriorated	0.02	Negative		
49	Interior	Room 19	B	Wall	Drywall	Pink	Deteriorated	0.0	Negative		
50	Interior	Room 19	C	Wall	Drywall	White	Intact	0.0	Negative		
51	Interior	Room 19	D	Wall	Drywall	Green	Intact	0.0	Negative		
52	Interior	Room 19	D	Door Frame	Metal	White	Intact	0.08	Negative		
53	Interior	Room 19	A	Door	Metal	Blue	Intact	0.05	Negative		
54	Interior	Room 19	A	Door Frame	Metal	Blue	Intact	0.02	Negative		
55	Interior	Room 19	---	Attic	Metal	White	Intact	0.0	Negative		
56	Interior	Room 19A	A	Wall	Drywall	White	Intact	0.0	Negative		
57	Interior	Room 19A	B	Wall	Drywall	White	Intact	0.0	Negative		
58	Interior	Room 19A	C	Wall	Drywall	White	Intact	0.0	Negative		
59	Interior	Room 19A	D	Wall	Drywall	White	Intact	0.0	Negative		
60	Interior	Room 19A	A	Door	Metal	Blue	Intact	0.03	Negative		
61	Interior	Room 19A	A	Door Frame	Metal	Blue	Intact	0.02	Negative		
62	Interior	Room 19A	C	Door Frame	Metal	White	Intact	0.02	Negative		
63	Interior	Room 19A	A	Railing	Metal	White	Deteriorated	0.02	Negative		
64	Interior	Room 19A	C	Electrical Panel	Metal	Gray	Intact	0.0	Negative		
65	Interior	Women's Restroom (Near 21)	A	Wall	Drywall	White	Intact	0.0	Negative		
66	Interior	Women's Restroom (Near 21)	B	Wall	Ceramic Tile	Gray	Intact	0.0	Negative		
67	Interior	Women's Restroom (Near 21)	C	Wall	Ceramic Tile	Blue	Intact	0.0	Negative		
68	Interior	Women's Restroom (Near 21)	D	Wall	Ceramic Tile	Pink	Intact	0.0	Negative		
69	Interior	Women's Restroom (Near 21)	A	Door	Wood	White	Intact	0.0	Negative		
70	Interior	Women's Restroom (Near 21)	A	Door Frame	Metal	White	Deteriorated	0.0	Negative		
71	Interior	Women's Restroom (Near 21)	---	Floor	Ceramic Tile	Pink	Intact	0.0	Negative		
72	Interior	Room 20	A	Wall	Drywall	Green	Intact	0.0	Negative		
73	Interior	Room 20	B	Wall	Drywall	Blue	Intact	0.0	Negative		
74	Interior	Room 20	C	Wall	Drywall	Green	Intact	0.0	Negative		
75	Interior	Room 20	D	Wall	Drywall	Blue	Intact	0.0	Negative		
76	Interior	Room 20	C	Column	Drywall	Pink	Intact	0.01	Negative		
77	Interior	Room 20	A	Door	Wood	Blue	Intact	0.0	Negative		
78	Interior	Room 20	A	Door Frame	Metal	Blue	Intact	0.0	Negative		
79	Interior	Room 20	D	Closet Wall	Drywall	White	Intact	0.0	Negative		
80	Interior	Room 20	D	Closet Door Frame	Wood	Beige	Intact	0.0	Negative		
81	Interior	Room 20	D	Closet Shelf	Wood	White	Intact	0.0	Negative		
82	Interior	Room 21 Kitchen	A	Wall	Drywall	White	Intact	0.0	Negative		
83	Interior	Room 21 Kitchen	B	Wall	Drywall	White	Intact	0.0	Negative		
84	Interior	Room 21 Kitchen	C	Wall	Drywall	White	Intact	0.0	Negative		
85	Interior	Room 21 Kitchen	D	Wall	Ceramic Tile	Gray	Intact	0.0	Negative		
86	Interior	Room 21 Kitchen	A	Door	Wood	Green	Intact	0.0	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
87	Interior	Room 21 Kitchen	A	Door Frame	Metal	White	Intact	0.0	Negative		
88	Interior	Room 21 Kitchen	B	Door Frame	Metal	Green	Intact	0.0	Negative		
89	Interior	Room 21 Kitchen	C	Door Frame	Metal	White	Intact	0.0	Negative		
90	Interior	Room 21 Kitchen	---	Ceiling	Drywall	White	Intact	0.0	Negative		
91	Interior	Men's Restroom (Near 21)	A	Wall	Ceramic Tile	Gray	Intact	0.0	Negative		
92	Interior	Men's Restroom (Near 21)	B	Wall	Ceramic Tile	Blue	Intact	0.0	Negative		
93	Interior	Men's Restroom (Near 21)	C	Wall	Ceramic Tile	Black	Intact	0.0	Negative		
94	Interior	Men's Restroom (Near 21)	D	Wall	Drywall	White	Intact	0.0	Negative		
95	Interior	Men's Restroom (Near 21)	A	Door	Wood	White	Intact	0.0	Negative		
96	Interior	Men's Restroom (Near 21)	A	Door Frame	Metal	White	Deteriorated	0.0	Negative		
97	Interior	Men's Restroom (Near 21)	---	Ceiling	Drywall	White	Intact	0.0	Negative		
98	Interior	Men's Restroom (Near 21)	---	Floor	Ceramic Tile	Gray/Black	Intact	0.0	Negative		
99	Interior	Lobby	A	Wall	Drywall	Green	Intact	0.0	Negative		
100	Interior	Lobby	B	Wall	Drywall	White	Intact	0.0	Negative		
101	Interior	Lobby	C	Wall	Drywall	Green	Intact	0.1	Negative		
102	Interior	Lobby	D	Wall	Drywall	White	Intact	0.0	Negative		
103	Interior	Lobby	A	Door	Wood	White	Intact	0.0	Negative		
104	Interior	Lobby	A	Door Frame	Metal	White	Intact	0.0	Negative		
105	Interior	Lobby	---	Railing	Metal	White	Intact	0.33	Negative		
106	Interior	Lobby	---	Stringer	Metal	White	Intact	0.01	Negative		
107	Interior	Lobby	---	Ceiling	Drywall	White	Intact	0.0	Negative		
108	Interior	Lobby	---	Floor	Ceramic Tile	Green	Intact	0.0	Negative		
109	Interior	Lobby	---	Floor	Ceramic Tile	Gray	Intact	0.0	Negative		
110	Interior	Lobby	---	Floor	Ceramic Tile	Blue	Intact	0.0	Negative		
111	Interior	Lobby	B	Planter	Drywall	Green	Intact	0.0	Negative		
112	Interior	Lobby	B	Planter	Drywall	Blue	Intact	0.0	Negative		
113	Interior	Lobby	B	Planter	Drywall	White	Intact	0.0	Negative		
114	Interior	Lobby	---	Fountain	Metal	White	Deteriorated	0.0	Negative		
115	Interior	Room 22	B	Wall	Drywall	White	Intact	0.0	Negative		
116	Interior	Room 22	A	Closet Wall	Drywall	White	Intact	0.0	Negative		
117	Interior	Room 22	D	Closet Wall	Drywall	White	Intact	0.0	Negative		
118	Interior	Room 22	---	Ceiling	Drywall	White	Intact	0.0	Negative		
119	Interior	Hall 2/Staircase	A	Wall	Drywall	Green	Intact	0.0	Negative		
120	Interior	Hall 2/Staircase	B	Wall	Drywall	White	Intact	0.0	Negative		
121	Interior	Hall 2/Staircase	C	Wall	Drywall	White	Intact	0.0	Negative		
122	Interior	Hall 2/Staircase	D	Wall	Drywall	Blue	Intact	0.0	Negative		
123	Interior	Hall 2/Staircase	C	Stringer	Metal	White	Intact	0.0	Negative		
124	Interior	Hall 2/Staircase	C	Railing	Metal	White	Intact	0.0	Negative		
125	Interior	Hall 2/Staircase	A	Door	Wood	Green	Intact	0.0	Negative		
126	Interior	Hall 2/Staircase	A	Door Frame	Metal	Green	Intact	0.03	Negative		
127	Interior	Hall 2/Staircase	C	Firehose Cabinet	Metal	White	Intact	0.02	Negative		
128	Interior	Hall 2/Staircase	C	Elevator Door	Metal	White	Intact	0.0	Negative		
129	Interior	Hall 2/Staircase	C	Elevator Door Frame	Metal	White	Intact	0.0	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
130	Interior	Hall 2/Staircase	D	Door Frame	Metal	Green	Intact	0.02	Negative		
131	Interior	Hall 2/Staircase	C	Door	Wood	Blue	Intact	0.0	Negative		
132	Interior	Hall 2/Staircase	C	Door Frame	Metal	Blue	Intact	0.01	Negative		
133	Interior	Room 23	A	Wall	Drywall	Beige	Intact	0.0	Negative		
134	Interior	Room 23	B	Wall	Drywall	Beige	Intact	0.0	Negative		
135	Interior	Room 23	C	Wall	Drywall	Green	Intact	0.1	Negative		
136	Interior	Room 23	D	Wall	Drywall	Beige	Intact	0.0	Negative		
137	Interior	Room 23	B1	Door Frame	Metal	Beige	Intact	0.0	Negative		
138	Interior	Room 23	B2	Door Frame	Metal	Beige	Intact	0.0	Negative		
139	Interior	Room 23	C	Door Frame	Metal	Green	Intact	0.0	Negative		
140	Interior	Room 24	A	Wall	Drywall	Beige	Intact	0.0	Negative		
141	Interior	Room 24	B	Wall	Drywall	Beige	Intact	0.0	Negative		
142	Interior	Room 24	C	Wall	Drywall	Green	Intact	0.0	Negative		
143	Interior	Room 24	D	Wall	Drywall	Green	Intact	0.0	Negative		
144	Interior	Room 24	B	Door	Wood	Beige	Intact	0.0	Negative		
145	Interior	Room 24	B	Door Frame	Metal	Beige	Intact	0.1	Negative		
146	Interior	Room 24	B	Window Frame	Metal	Beige	Intact	0.0	Negative		
147	Interior	Room 25	A	Wall	Drywall	Beige	Intact	0.0	Negative		
148	Interior	Room 25	B	Wall	Drywall	Beige	Intact	0.0	Negative		
149	Interior	Room 25	C	Wall	Drywall	Green	Deteriorated	0.0	Negative		
150	Interior	Room 25	D	Wall	Drywall	Green	Intact	0.2	Negative		
151	Interior	Room 25	B	Door	Wood	Brown	Intact	0.0	Negative		
152	Interior	Room 25	B	Door Frame	Metal	Beige	Intact	0.0	Negative		
153	Interior	Room 26	A	Wall	Drywall	Green	Intact	0.0	Negative		
154	Interior	Room 26	B	Wall	Drywall	Beige	Intact	0.0	Negative		
155	Interior	Room 26	C	Wall	Drywall	Green	Intact	0.0	Negative		
156	Interior	Room 26	D	Wall	Drywall	Green	Intact	0.0	Negative		
157	Interior	Room 26	C	Door	Wood	Green	Intact	0.0	Negative		
158	Interior	Room 26	C	Door Frame	Metal	Green	Intact	0.0	Negative		
159	Interior	Room 26	C	Window Frame	Metal	Green	Intact	0.0	Negative		
160	Interior	Room 27	A	Wall	Drywall	Green	Intact	0.0	Negative		
161	Interior	Room 27	B	Wall	Drywall	Green	Intact	0.0	Negative		
162	Interior	Room 27	C	Wall	Drywall	Green	Intact	0.0	Negative		
163	Interior	Room 27	D	Wall	Drywall	Beige	Intact	0.0	Negative		
164	Interior	Room 27	C	Door	Wood	Green	Intact	0.0	Negative		
165	Interior	Room 27	C	Door Frame	Metal	Green	Intact	0.0	Negative		
166	Interior	Room 27	C	Window Frame	Metal	Green	Intact	0.0	Negative		
167	Interior	Room 29	A	Wall	Drywall	Green	Intact	0.0	Negative		
168	Interior	Room 29	B	Wall	Drywall	Green	Intact	0.0	Negative		
169	Interior	Room 29	C	Wall	Drywall	Beige	Intact	0.0	Negative		
170	Interior	Room 29	D	Wall	Drywall	Beige	Intact	0.0	Negative		
171	Interior	Room 29	A	Door	Metal	Green	Intact	0.09	Negative		
172	Interior	Room 29	D	Door Frame	Metal	Beige	Intact	0.0	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
173	Interior	Kitchen	A	Wall	Drywall	Beige	Intact	0.0	Negative		
174	Interior	Kitchen	B	Wall	Drywall	Green	Intact	0.0	Negative		
175	Interior	Kitchen	C	Wall	Drywall	Green	Intact	0.0	Negative		
176	Interior	Kitchen	D	Wall	Drywall	Beige	Intact	0.1	Negative		
177	Interior	Kitchen	B	Door Frame	Metal	Green	Intact	0.04	Negative		
178	Interior	Room 30	A	Wall	Drywall	Beige	Intact	0.0	Negative		
179	Interior	Room 30	B	Wall	Drywall	Green	Intact	0.0	Negative		
180	Interior	Room 30	C	Wall	Drywall	Green	Intact	0.0	Negative		
181	Interior	Room 30	D	Wall	Drywall	Beige	Intact	0.0	Negative		
182	Interior	Room 28	A	Wall	Drywall	Beige	Intact	0.0	Negative		
183	Interior	Room 28	B	Wall	Drywall	Green	Intact	0.0	Negative		
184	Interior	Room 28	C	Wall	Drywall	Green	Intact	0.0	Negative		
185	Interior	Room 28	D	Wall	Drywall	Beige	Intact	0.0	Negative		
186	Interior	Room 28	D	Door Frame	Metal	Beige	Intact	0.0	Negative		
187	Interior	Room 31	A	Wall	Drywall	White	Intact	0.0	Negative		
188	Interior	Room 31	B	Wall	Drywall	White	Intact	0.0	Negative		
189	Interior	Room 31	C	Wall	Drywall	White	Intact	0.0	Negative		
190	Interior	Room 31	D	Wall	Drywall	White	Intact	0.0	Negative		
191	Interior	Room 31	D	Door Frame	Metal	White	Intact	0.0	Negative		
192	Interior	Room 31 Conference Room	A	Wall	Drywall	Beige	Intact	0.0	Negative		
193	Interior	Room 31 Conference Room	B	Wall	Drywall	Beige	Intact	0.0	Negative		
194	Interior	Room 31 Conference Room	C	Wall	Drywall	Beige	Intact	0.0	Negative		
195	Interior	Room 31 Conference Room	D	Wall	Drywall	Beige	Intact	0.1	Negative		
196	Interior	Room 31 Conference Room	B	Door Frame	Metal	Beige	Intact	0.0	Negative		
197	Interior	Room 32	A	Wall	Drywall	Green	Intact	0.0	Negative		
198	Interior	Room 32	B	Wall	Drywall	Green	Intact	0.0	Negative		
199	Interior	Room 32	C	Wall	Drywall	Green	Intact	0.0	Negative		
200	Interior	Room 32	D	Wall	Drywall	Beige	Intact	0.0	Negative		
201	Interior	Room 32	D	Door Frame	Metal	Beige	Intact	0.03	Negative		
202	Interior	Room 32	A	Window Frame	Metal	Silver	Intact	0.0	Negative		
203	Interior	Women's Restroom (Across 32)	A	Wall	Ceramic Tile	Beige	Intact	0.02	Negative		
204	Interior	Women's Restroom (Across 32)	B	Wall	Ceramic Tile	Beige	Intact	0.02	Negative		
205	Interior	Women's Restroom (Across 32)	C	Wall	Ceramic Tile	Beige	Intact	0.0	Negative		
206	Interior	Women's Restroom (Across 32)	D	Wall	Ceramic Tile	Beige	Intact	0.01	Negative		
207	Interior	Women's Restroom (Across 32)	B	Door Frame	Metal	Beige	Intact	0.0	Negative		
208	Interior	Women's Restroom (Across 32)	---	Access Panel	Metal	White	Intact	0.0	Negative		
209	Interior	Women's Restroom (Across 32)	---	Ceiling	Drywall	White	Intact	0.0	Negative		
210	Interior	Women's Restroom (Across 32)	---	Floor	Ceramic Tile	Green	Intact	0.0	Negative		
211	Interior	Hall 3	A	Wall	Drywall	White	Intact	0.0	Negative		
212	Interior	Hall 3	B	Wall	Drywall	White	Intact	0.0	Negative		
213	Interior	Hall 3	C	Wall	Drywall	White	Intact	0.0	Negative		
214	Interior	Hall 3	D	Wall	Drywall	White	Intact	0.01	Negative		
215	Interior	Hall 3	D	Column	Drywall	Green	Intact	0.01	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
216	Interior	Hall 3	A	Door Frame	Metal	White	Intact	0.01	Negative		
217	Interior	Room 33	A	Wall	Drywall	Green	Intact	0.0	Negative		
218	Interior	Room 33	B	Wall	Drywall	Beige	Intact	0.0	Negative		
219	Interior	Room 33	C	Wall	Drywall	Green	Intact	0.0	Negative		
220	Interior	Room 33	D	Wall	Drywall	Green	Intact	0.0	Negative		
221	Interior	Room 33	A	Door Frame	Metal	Green	Intact	0.0	Negative		
222	Interior	Room 33	B	Door Frame	Metal	Beige	Intact	0.0	Negative		
223	Interior	Room 33	B	Panel	Metal	White	Intact	0.0	Negative		
224	Interior	Room 34	A	Wall	Drywall	Beige	Intact	0.0	Negative		
225	Interior	Room 34	B	Wall	Drywall	Beige	Intact	0.0	Negative		
226	Interior	Room 34	C	Wall	Drywall	Beige	Intact	0.0	Negative		
227	Interior	Room 34	D	Wall	Drywall	Beige	Intact	0.0	Negative		
228	Interior	Room 34	D	Door Frame	Metal	Pink	Deteriorated	0.0	Negative		
229	Interior	Room 34	---	Floor	Concrete	Gray	Deteriorated	0.0	Negative		
230	Interior	Room 35/36	A	Wall	Drywall	Beige	Intact	0.0	Negative		
231	Interior	Room 35/36	B	Wall	Drywall	Beige	Intact	0.0	Negative		
232	Interior	Room 35/36	C	Wall	Drywall	Beige	Intact	0.0	Negative		
233	Interior	Room 35/36	A	Door Frame	Metal	Beige	Intact	0.0	Negative		
234	Interior	Room 36	A	Wall	Drywall	Beige	Intact	0.0	Negative		
235	Interior	Room 36	B	Wall	Drywall	Beige	Intact	0.0	Negative		
236	Interior	Room 36	C	Wall	Drywall	Beige	Intact	0.0	Negative		
237	Interior	Room 36	D	Wall	Drywall	Beige	Intact	0.1	Negative		
238	Interior	Room 36	A	Door	Metal	Beige	Intact	0.0	Negative		
239	Interior	Room 36	A	Door Frame	Metal	Beige	Intact	0.01	Negative		
240	Interior	Room 36	C	Door	Metal	Blue	Intact	0.02	Negative		
241	Interior	Room 36	C	Door Frame	Metal	Blue	Intact	0.01	Negative		
242	Interior	Room 36	C	Pipe	Metal	Green	Intact	0.02	Negative		
243	Interior	Room 36	B	Sprinkler Box	Metal	Green	Intact	0.14	Negative		
244	Interior	Room 36	---	Transformer	Metal	Gray	Intact	0.0	Negative		
245	Interior	Room 37	A	Wall	Drywall	White	Intact	0.05	Negative		
246	Interior	Room 37	B	Wall	Drywall	White	Intact	0.03	Negative		
247	Interior	Room 37	C	Wall	Drywall	White	Intact	0.01	Negative		
248	Interior	Room 37	D	Wall	Drywall	White	Intact	0.01	Negative		
249	Interior	Room 37	C	Door	Metal	White	Deteriorated	0.01	Negative		
250	Interior	Room 37	C	Door Frame	Metal	White	Deteriorated	0.01	Negative		
251	Interior	Room 37	A	Window Frame	Metal	Silver	Intact	0.0	Negative		
252	Interior	Room 42	A	Wall	Drywall	Beige	Intact	0.0	Negative		
253	Interior	Room 42	B	Wall	Drywall	Beige	Intact	0.0	Negative		
254	Interior	Room 42	C	Wall	Drywall	Beige	Intact	0.0	Negative		
255	Interior	Room 42	D	Wall	Drywall	Beige	Intact	0.0	Negative		
256	Interior	Room 42	A	Wall	Drywall	White	Intact	0.0	Negative		
257	Interior	Room 42	C	Door Frame	Metal	Beige	Intact	0.0	Negative		
258	Interior	Room 41	A	Wall	Drywall	Beige	Intact	0.0	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
259	Interior	Room 41	B	Wall	Drywall	Green	Intact	0.0	Negative		
260	Interior	Room 41	C	Wall	Drywall	Beige	Intact	0.01	Negative		
261	Interior	Room 41	D	Wall	Drywall	Green	Intact	0.0	Negative		
262	Interior	Room 41	D	Door	Metal	Beige	Intact	0.01	Negative		
263	Interior	Room 41	A	Window Frame	Metal	Silver	Intact	0.0	Negative		
264	Interior	Room 103 Restroom	A	Wall	Drywall	Beige	Intact	0.0	Negative		
265	Interior	Room 103 Restroom	B	Wall	Drywall	Beige	Intact	0.0	Negative		
266	Interior	Room 103 Restroom	C	Wall	Drywall	Beige	Intact	0.0	Negative		
267	Interior	Room 103 Restroom	D	Wall	Drywall	Beige	Intact	0.0	Negative		
268	Interior	Room 103 Restroom	D	Baseboard	Ceramic Tile	Beige	Intact	0.01	Negative		
269	Interior	Room 103 Restroom	D	Door Frame	Metal	Beige	Intact	0.0	Negative		
270	Interior	Room 103 Restroom	---	Ceiling	Drywall	Beige	Intact	0.0	Negative		
271	Interior	Room 103 Restroom	---	Floor	Ceramic Tile	Green	Intact	0.0	Negative		
272	Interior	Room 103	A	Wall	Drywall	Beige	Intact	0.0	Negative		
273	Interior	Room 103	B	Wall	Drywall	Beige	Intact	0.0	Negative		
274	Interior	Room 103	C	Wall	Drywall	Beige	Intact	0.0	Negative		
275	Interior	Room 103	B	Baseboard	Ceramic Tile	Beige	Intact	0.1	Negative		
276	Interior	Room 103	A	Door Frame	Metal	Beige	Intact	0.0	Negative		
277	Interior	Room 103	---	Floor	Ceramic Tile	Green	Intact	0.0	Negative		
278	Interior	Room 103	---	Ceiling	Drywall	Beige	Intact	0.0	Negative		
279	Interior	Room 103	D	Shower Enclosure	Ceramic Tile	Beige	Intact	0.01	Negative		
280	Interior	Room 104	A	Wall	Drywall	Beige	Intact	0.0	Negative		
281	Interior	Room 104	B	Wall	Drywall	Beige	Intact	0.0	Negative		
282	Interior	Room 104	C	Wall	Drywall	Beige	Intact	0.0	Negative		
283	Interior	Room 104	D	Wall	Drywall	Beige	Intact	0.0	Negative		
284	Interior	Room 104	B	Door Frame	Metal	Beige	Intact	0.0	Negative		
285	Interior	Hall	A	Wall	Drywall	White	Intact	0.0	Negative		
286	Interior	Hall	B	Wall	Drywall	White	Intact	0.0	Negative		
287	Interior	Hall	C	Wall	Drywall	White	Intact	0.0	Negative		
288	Interior	Hall	D	Wall	Drywall	White	Intact	0.0	Negative		
289	Interior	Hall	C	Wall	Drywall	Green	Intact	0.0	Negative		
290	Interior	Hall	B	Door	Metal	White/Green	Intact	0.0	Negative		
291	Interior	Hall	B	Door Frame	Metal	White/Green	Intact	0.0	Negative		
292	Interior	Hall	---	Access Panel	Metal	White	Intact	0.0	Negative		
293	Interior	Hall	---	Ceiling	Drywall	White	Intact	0.0	Negative		
294	Interior	Men's Restroom (Near 118)	A	Wall	Ceramic Tile	Beige	Intact	0.0	Negative		
295	Interior	Men's Restroom (Near 118)	B	Wall	Ceramic Tile	Beige	Intact	0.0	Negative		
296	Interior	Men's Restroom (Near 118)	C	Wall	Ceramic Tile	Beige	Intact	0.0	Negative		
297	Interior	Men's Restroom (Near 118)	D	Wall	Ceramic Tile	Beige	Intact	0.0	Negative		
298	Interior	Men's Restroom (Near 118)	C	Door Frame	Metal	White	Intact	0.01	Negative		
299	Interior	Men's Restroom (Near 118)	---	Ceiling	Drywall	White	Intact	0.0	Negative		
300	Interior	Men's Restroom (Near 118)	---	Floor	Ceramic Tile	Green	Intact	0.0	Negative		
301	Interior	Room 105A	A	Wall	Drywall	Beige	Intact	0.0	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
302	Interior	Room 105A	B	Wall	Drywall	Beige	Intact	0.0	Negative		
303	Interior	Room 105A	C	Wall	Drywall	Beige	Intact	0.0	Negative		
304	Interior	Room 105A	D	Wall	Drywall	Beige	Intact	0.0	Negative		
305	Interior	Room 105A	D	Door Frame	Metal	Beige	Intact	0.0	Negative		
306	Interior	Room 105	A	Wall	Drywall	Beige	Intact	0.0	Negative		
307	Interior	Room 105	B	Wall	Drywall	Beige	Intact	0.0	Negative		
308	Interior	Room 105	C	Wall	Drywall	Beige	Intact	0.0	Negative		
309	Interior	Room 105	D	Wall	Drywall	Beige	Intact	0.0	Negative		
310	Interior	Room 105	B	Door Frame	Metal	Beige	Intact	0.0	Negative		
311	Interior	Room 118 Hall	A	Wall	Drywall	White	Intact	0.0	Negative		
312	Interior	Room 118 Hall	C	Wall	Drywall	White	Intact	0.0	Negative		
313	Interior	Room 118 Hall	A	Door Frame	Metal	White	Intact	0.0	Negative		
314	Interior	Room 118 Hall	A	Staircase Railing	Metal	White	Intact	0.0	Negative		
315	Interior	Room 118 Hall	A	Staircase Stringer	Metal	White	Intact	0.0	Negative		
316	Interior	Room 118 Hall	---	Ceiling	Drywall	White	Intact	0.1	Negative		
317	Interior	Room 118 Hall	A	Firehose Cabinet	Metal	White	Intact	0.0	Negative		
318	Interior	Room 143	A	Wall	Drywall	White	Intact	0.0	Negative		
319	Interior	Room 143	C	Wall	Drywall	White	Intact	0.0	Negative		
320	Interior	Room 143	C	Door Frame	Metal	White	Intact	0.0	Negative		
321	Interior	Room 113	B	Wall	Drywall	Red	Intact	0.0	Negative		
322	Interior	Room 113	A	Wall	Drywall	White	Intact	0.0	Negative		
323	Interior	Room 113	A	Door Frame	Metal	White	Intact	0.1	Negative		
324	Interior	Room 112 - Not Accessible									
325	Interior	Room 125	A	Wall	Drywall	White	Intact	0.0	Negative		
326	Interior	Room 125	B	Wall	Drywall	White	Intact	0.0	Negative		
327	Interior	Room 125	C	Wall	Drywall	White	Intact	0.0	Negative		
328	Interior	Room 125	D	Wall	Drywall	White	Intact	0.0	Negative		
329	Interior	Room 125	A	Door Frame	Metal	White	Intact	0.1	Negative		
330	Interior	Room 126	D	Wall	Drywall	Purple	Intact	0.0	Negative		
331	Interior	Room 129	B	Wall	Drywall	Red	Intact	0.0	Negative		
332	Interior	Room 129	D	Wall	Drywall	White	Intact	0.0	Negative		
333	Interior	Room 129	D	Door Frame	Metal	White	Intact	0.0	Negative		
334	Interior	Room 135	C	Wall	Drywall	White	Intact	0.0	Negative		
335	Interior	Room 135	D	Wall	Drywall	Red	Intact	0.0	Negative		
336	Interior	Room 135	B	Door Frame	Metal	White	Intact	0.0	Negative		
337	Interior	Room 130	A	Wall	Drywall	White	Intact	0.0	Negative		
338	Interior	Room 130	B	Wall	Drywall	White	Intact	0.0	Negative		
339	Interior	Room 130	C	Wall	Drywall	White	Intact	0.0	Negative		
340	Interior	Room 130	D	Wall	Drywall	White	Intact	0.0	Negative		
341	Interior	Room 130	D	Door Frame	Metal	White	Intact	0.2	Negative		
342	Interior	Room 161	A	Wall	Drywall	White	Intact	0.0	Negative		
343	Interior	Room 161	D	Wall	Drywall	Green	Intact	0.0	Negative		
344	Interior	Room 161	D	Door Frame	Metal	Green	Intact	0.02	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
345	Interior	Room 136	A	Wall	Drywall	White	Intact	0.0	Negative		
346	Interior	Room 136	C	Wall	Drywall	Red	Intact	0.0	Negative		
347	Interior	Room 136	D	Door Frame	Metal	White	Intact	0.0	Negative		
348	Interior	Room 137	C	Wall	Drywall	Red	Intact	0.0	Negative		
349	Interior	Room 137	D	Wall	Drywall	White	Intact	0.0	Negative		
350	Interior	Room 146	A	Wall	Drywall	White	Intact	0.0	Negative		
351	Interior	Room 146	C	Wall	Drywall	White	Intact	0.0	Negative		
352	Interior	Room 146	C	Door Frame	Metal	White	Intact	0.1	Negative		
353	Interior	Room 146	B	Door Frame	Metal	White	Intact	0.0	Negative		
354	Interior	Room 144	B	Wall	Drywall	White	Intact	0.0	Negative		
355	Interior	Room 144	C	Wall	Drywall	White	Intact	0.0	Negative		
356	Interior	Room 144	D	Door Frame	Metal	White	Intact	0.0	Negative		
357	Interior	Room 140	B	Wall	Drywall	Red	Intact	0.0	Negative		
358	Interior	Room 140	C	Wall	Drywall	Red	Intact	0.0	Negative		
359	Interior	Room 140	B	Door Frame	Metal	White	Intact	0.0	Negative		
360	Interior	Room 149	A	Wall	Drywall	White	Intact	0.0	Negative		
361	Interior	Room 149	D	Wall	Drywall	White	Intact	0.0	Negative		
362	Interior	Room 149	D	Door Frame	Metal	White	Intact	0.0	Negative		
363	Interior	Room 150	B	Wall	Drywall	White	Intact	0.0	Negative		
364	Interior	Room 150	C	Wall	Drywall	White	Intact	0.1	Negative		
365	Interior	Room 150	D	Door Frame	Metal	White	Intact	0.1	Negative		
366	Interior	Room 151	C	Wall	Drywall	White	Intact	0.0	Negative		
367	Interior	Room 151	D	Wall	Drywall	White	Intact	0.0	Negative		
368	Interior	Room 151	D	Door Frame	Metal	White	Intact	0.0	Negative		
369	Interior	Room 148	D	Wall	Drywall	White	Intact	0.0	Negative		
370	Interior	Room 148	C	Wall	Drywall	White	Intact	0.0	Negative		
371	Interior	Room 148	C	Door Frame	Metal	White	Intact	0.0	Negative		
372	Interior	Room 164	B	Wall	Drywall	Green	Intact	0.0	Negative		
373	Interior	Room 164	D	Wall	Drywall	White	Intact	0.0	Negative		
374	Interior	Room 164	D	Door Frame	Metal	White	Intact	0.0	Negative		
375	Interior	Room 163	A	Wall	Drywall	Green	Intact	0.0	Negative		
376	Interior	Room 163	D	Wall	Drywall	White	Intact	0.0	Negative		
377	Interior	Room 163	D	Door Frame	Metal	White	Intact	0.0	Negative		
378	Interior	Room 166	A	Wall	Drywall	White	Intact	0.0	Negative		
379	Interior	Room 166	D	Wall	Drywall	Purple	Intact	0.0	Negative		
380	Interior	Room 166	A	Door Frame	Metal	White	Intact	0.0	Negative		
381	Interior	Room 165	C	Wall	Drywall	White	Intact	0.0	Negative		
382	Interior	Room 165	D	Wall	Drywall	Green	Intact	0.0	Negative		
383	Interior	Room 165	B	Door Frame	Metal	White	Intact	0.0	Negative		
384	Interior	Room 165	C	Window Frame	Metal	White	Intact	0.0	Negative		
385	Interior	Room 201	D	Wall	Drywall	Blue	Intact	0.0	Negative		
386	Interior	Room 201	B	Wall	Metal	Gray	Intact	0.0	Negative		
387	Interior	Room 291	D	Wall	Drywall	Dark Green	Intact	0.0	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
388	Interior	Room 291	B	Wall	Drywall	Light Green	Intact	0.0	Negative		
389	Interior	Room 291	D	Door	Wood	Gray	Intact	0.0	Negative		
390	Interior	Room 291	D	Door Frame	Metal	Gray	Intact	0.0	Negative		
391	Interior	Room 210/212	A	Wall	Drywall	White	Intact	0.0	Negative		
392	Interior	Room 210/212	A	Column	Drywall	Green	Intact	0.0	Negative		
393	Interior	Room 210/212	D	Wall	Drywall	White	Intact	0.1	Negative		
394	Interior	Room 210/212	C	Door	Wood	Green	Intact	0.0	Negative		
395	Interior	Room 210/212	C	Door Frame	Metal	Green	Intact	0.0	Negative		
396	Interior	Room 210/212	C	Window Frame	Metal	Green	Intact	0.03	Negative		
397	Interior	Room 222	B	Wall	Drywall	Blue	Intact	0.0	Negative		
398	Interior	Room 222	C	Wall	Drywall	Gray	Intact	0.0	Negative		
399	Interior	Room 222	B	Door	Wood	Gray	Intact	0.0	Negative		
400	Interior	Room 222	B	Door Frame	Metal	Gray	Intact	0.0	Negative		
401	Interior	Room 229	A	Wall	Drywall	Dark Green	Intact	0.03	Negative		
402	Interior	Room 229	C	Wall	Drywall	Green	Intact	0.0	Negative		
403	Interior	Room 229	C	Wall	Drywall	Blue	Intact	0.0	Negative		
404	Interior	Room 229	A	Wall	Drywall	White	Intact	0.0	Negative		
405	Interior	Room 229	A	Door	Wood	Gray	Intact	0.0	Negative		
406	Interior	Room 229	A	Door Frame	Metal	Gray	Intact	0.01	Negative		
407	Interior	Room 210	A	Wall	Drywall	Blue	Intact	0.0	Negative		
408	Interior	Room 234	A	Wall	Drywall	Blue	Intact	0.0	Negative		
409	Interior	Room 234	D	Door	Wood	Gray	Intact	0.0	Negative		
410	Interior	Room 234	D	Door Frame	Metal	Gray	Intact	0.0	Negative		
411	Interior	Room 206	B	Wall	Drywall	Green	Intact	0.0	Negative		
412	Interior	Room 206	D	Wall	Drywall	White	Intact	0.0	Negative		
413	Interior	Room 206	D	Door	Wood	Gray	Intact	0.0	Negative		
414	Interior	Room 206	D	Door Frame	Metal	Gray	Intact	0.0	Negative		
415	Interior	Room 272	A	Wall	Drywall	Blue	Intact	0.0	Negative		
416	Interior	Room 272	D	Wall	Drywall	White	Intact	0.0	Negative		
417	Interior	Room 285A	B	Wall	Drywall	Green	Intact	0.0	Negative		
418	Interior	Room 285A	A	Column	Drywall	Dark Green	Intact	0.0	Negative		
419	Interior	Room 285A	B	Door	Wood	Gray	Intact	0.0	Negative		
420	Interior	Room 285A	B	Door Frame	Metal	Gray	Intact	0.1	Negative		
421	Interior	Men's Restroom	A	Wall	Ceramic Tile	Beige	Intact	0.1	Negative		
422	Interior	Men's Restroom	D	Door	Wood	Gray	Intact	0.0	Negative		
423	Interior	Men's Restroom	D	Door Frame	Metal	White	Intact	0.0	Negative		
424	Interior	Men's Restroom	---	Floor	Ceramic Tile	Beige	Intact	0.09	Negative		
425	Interior	Men's Restroom	---	Ceiling	Drywall	White	Intact	0.0	Negative		
426	Interior	Break Area	C	Upper Wall	Drywall	White	Intact	2.0	Positive	75 Ft ²	
427	Interior	Break Area	C	Lower Wall	Drywall	Green	Intact	1.8	Positive	75 Ft ²	
428	Interior	Break Area	B	Wall	Drywall	Green	Intact	0.0	Negative		
429	Interior	Break Area	A	Wall	Drywall	White	Intact	0.0	Negative		
430	Interior	Women's Restroom	B	Wall	Ceramic Tile	Beige	Intact	0.02	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
431	Interior	Women's Restroom	---	Floor	Ceramic Tile	Beige	Intact	0.0	Negative		
432	Interior	Mechanical Room	A	Wall	Plaster	White	Intact	0.03	Negative		
433	Interior	Mechanical Room	B	Wall	Drywall	White	Intact	0.0	Negative		
434	Interior	Mechanical Room	B	Wall	Drywall	Blue	Intact	0.0	Negative		
435	Interior	Mechanical Room	D	Ladder	Metal	White	Intact	0.2	Negative		
436	Interior	Mechanical Room	A	Door	Metal	White	Intact	0.0	Negative		
437	Interior	Mechanical Room	A	Door Frame	Metal	White	Intact	0.2	Negative		
438	Interior	Mechanical Room	A	Door	Metal	Gray	Intact	0.4	Negative		
439	Interior	Mechanical Room	A	Door Frame	Metal	Gray	Intact	0.4	Negative		
440	Interior	Mechanical Room	C	Door	Metal	Blue	Intact	0.0	Negative		
441	Interior	Mechanical Room	C	Door Frame	Metal	Blue	Intact	0.3	Negative		
442	Interior	Mechanical Room	D	Cooling Tower	Metal	White	Intact	0.02	Negative		
443	Interior	Mechanical Room	A	Circulation Pump	Metal	Green	Intact	0.25	Negative		
444	Interior	Mechanical Room	---	Floor	Concrete	Gray	Intact	0.0	Negative		
445	Interior	Mechanical Room	D	Air Handler	Metal	White/Blue	Intact	0.21	Negative		
446	Interior	Mechanical Room	B	Pump	Metal	Blue	Intact	0.21	Negative		
447	Interior	Mechanical Room	B	Pump	Metal	Red	Intact	0.21	Negative		
448	Interior	Boiler Room	A	Wall	Drywall	White	Intact	0.2	Negative		
449	Interior	Boiler Room	A	Wall	Drywall	Blue	Intact	0.1	Negative		
450	Interior	Boiler Room	A	Duct	Metal	White	Intact	0.0	Negative		
451	Interior	Boiler Room	B	Door	Metal	Blue	Intact	0.0	Negative		
452	Interior	Boiler Room	B	Door Frame	Metal	Blue	Intact	0.2	Negative		
453	Interior	Boiler Room	---	Floor	Concrete	Gray	Intact	0.0	Negative		
454	Interior	Boiler Room	C	Boiler	Metal	Silver	Deteriorated	0.0	Negative		
455	Interior	Boiler Room	D	Pump	Metal	Red	Intact	0.0	Negative		
456	Interior	Women's Restroom (Near 245)	B	Wall	Ceramic Tile	Beige	Intact	0.0	Negative		
457	Interior	Women's Restroom (Near 245)	C	Wall	Ceramic Tile	Blue	Intact	0.0	Negative		
458	Interior	Women's Restroom (Near 245)	B	Door Frame	Metal	White	Intact	0.0	Negative		
459	Interior	Women's Restroom (Near 245)	---	Ceiling	Drywall	White	Intact	0.0	Negative		
460	Interior	Women's Restroom (Near 245)	---	Floor	Ceramic Tile	Green	Intact	0.0	Negative		
461	Interior	Men's Restroom	A	Wall	Ceramic Tile	Beige	Intact	0.01	Negative		
462	Interior	Men's Restroom	B	Wall	Ceramic Tile	Blue	Intact	0.0	Negative		
463	Interior	Men's Restroom	B	Door Frame	Metal	White	Intact	0.0	Negative		
464	Interior	Men's Restroom	---	Floor	Ceramic Tile	Green	Intact	0.0	Negative		
465	Interior	Men's Restroom	---	Ceiling	Drywall	White	Intact	0.0	Negative		
466	Interior	Room 2001	C	Wall	Drywall	White	Intact	0.0	Negative		
467	Interior	Room 2001	C	Door Frame	Metal	White	Intact	0.0	Negative		
468	Interior	Room 2002	D	Wall	Drywall	Gray	Intact	0.0	Negative		
469	Interior	Room 2002	C	Door Frame	Metal	Gray	Intact	0.0	Negative		
470	Interior	Room 2005/2006	A	Wall	Drywall	White	Intact	0.0	Negative		
471	Interior	Room 2005/2006	B	Wall	Drywall	Red	Intact	0.0	Negative		
472	Interior	Room 2005/2006	B	Door Frame	Metal	White	Intact	0.0	Negative		
473	Interior	Room 2007	A	Wall	Drywall	Green	Intact	0.0	Negative		

DETAILED XRF TESTING RESULTS

4665 Lampson Avenue, Los Alamitos, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
474	Interior	Room 2007	B	Wall	Drywall	White	Intact	0.0	Negative		
475	Interior	Room 2007	C	Door Frame	Metal	White	Intact	0.1	Negative		
476	Interior	Room 2008	A	Wall	Drywall	White	Intact	0.0	Negative		
477	Interior	Room 2008	C	Wall	Drywall	Purple	Intact	0.0	Negative		
478	Interior	Room 2008	D	Door Frame	Metal	White	Intact	0.0	Negative		
479	Interior	Room 2003	C	Wall	Drywall	White	Intact	0.0	Negative		
480	Interior	Room 2003	C	Door Frame	Metal	White	Intact	0.0	Negative		
481	Interior	Room 2015	D	Column	Drywall	Red	Intact	0.0	Negative		
482	Interior	Room 2015	A	Wall	Drywall	Red	Intact	0.0	Negative		
483	Interior	Room 2015	C	Wall	Drywall	White	Intact	0.0	Negative		
484	Interior	Room 2015	C	Door Frame	Metal	White	Intact	0.0	Negative		
485	Interior	Room 2022	D	Wall	Drywall	Purple	Intact	0.0	Negative		
486	Interior	Room 2022	C	Door Frame	Metal	White	Intact	0.0	Negative		
487	Interior	Room 2036	A	Wall	Drywall	Purple	Intact	0.0	Negative		
488	Interior	Room 2036	B	Wall	Drywall	White	Intact	0.0	Negative		
489	Interior	Room 2036	B	Door Frame	Metal	White	Intact	0.0	Negative		
490	Interior	Room 2029	A	Wall	Drywall	Purple	Intact	0.0	Negative		
491	Interior	Room 2029	C	Door Frame	Metal	White	Intact	0.0	Negative		
492	Interior	Room 2042	B	Wall	Drywall	White	Intact	0.0	Negative		
493	Interior	Room 2042	C	Door Frame	Metal	White	Intact	0.0	Negative		
494	Interior	Room 2058	D	Wall	Drywall	White	Intact	0.0	Negative		
495	Interior	Room 2058	B	Column	Drywall	Red	Intact	0.0	Negative		
496	Interior	Room 2058	A	Wall	Drywall	Purple	Intact	0.0	Negative		
497	Interior	Room 2058	---	Column	Drywall	White	Intact	0.0	Negative		
498	Interior	Room 2058	D	Door Frame	Metal	White	Intact	0.0	Negative		
499	Interior	Room 2063	C	Wall	Drywall	Purple	Intact	0.0	Negative		
500	Interior	Room 2063	D	Door Frame	Metal	White	Intact	0.0	Negative		
501	Interior	Room 2059	D	Wall	Drywall	White	Intact	0.0	Negative		
502	Interior	Room 2059	B	Wall	Drywall	White	Intact	0.0	Negative		
503	Interior	Room 2059	B	Door Frame	Metal	White	Intact	0.0	Negative		
504	Interior	Room 2076/2102/2127	A	Wall	Drywall	White	Intact	0.0	Negative		
505	Interior	Room 2076/2102/2127	C	Wall	Drywall	Red	Intact	0.0	Negative		
506	Interior	Room 2076/2102/2127	A	Door Frame	Metal	White	Intact	0.0	Negative		
507	Interior	Room 2098	B	Wall	Drywall	White	Intact	0.0	Negative		
508	Interior	Room 2098	D	Wall	Drywall	White	Intact	0.0	Negative		
509	Interior	Room 2098	A	Door Frame	Metal	White	Intact	0.0	Negative		

ALLSTATE SERVICES LLC.
XRF CALIBRATION FORM

Address: 4665 Lampson Avenue, Los Alamitos, California 90720

Device: Niton XLP 300

Date: November 8, 2021

Inspector: Steven Pettit

Calibration Check Tolerance Used: 0.8 mg/cm² - 1.2 mg/cm² (Inclusive)
Use Level III (1.02 mg/cm²) NIST SRM Paint film

First Calibration Check

Time: 9:00 a.m.

1 st Reading	2 nd Reading	3 rd Reading	1 st Average
1.0	0.9	1.0	1.0

Second Calibration Check

Time: 12:50 p.m.

1 st Reading	2 nd Reading	3 rd Reading	2 nd Average
1.0	0.9	0.9	0.9

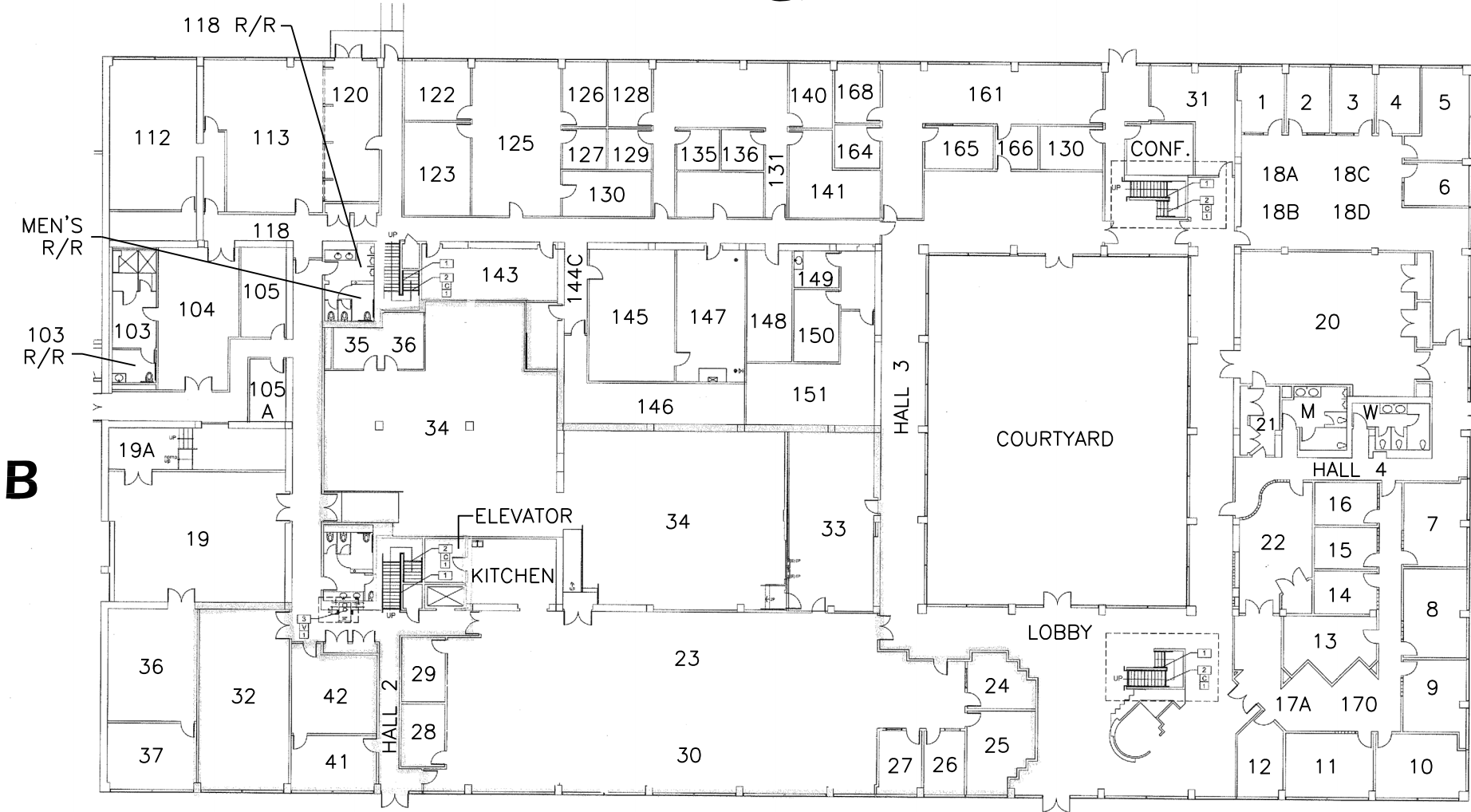
Third Calibration Check (If Needed)

Time: 3:10 p.m.

1 st Reading	2 nd Reading	3 rd Reading	3 rd Average
1.0	0.9	0.9	0.9

APPENDIX C
FLOOR PLANS

C




B

D

FIRST FLOOR PARTITION PLAN
SCALE = 3/32" = 1'-0"

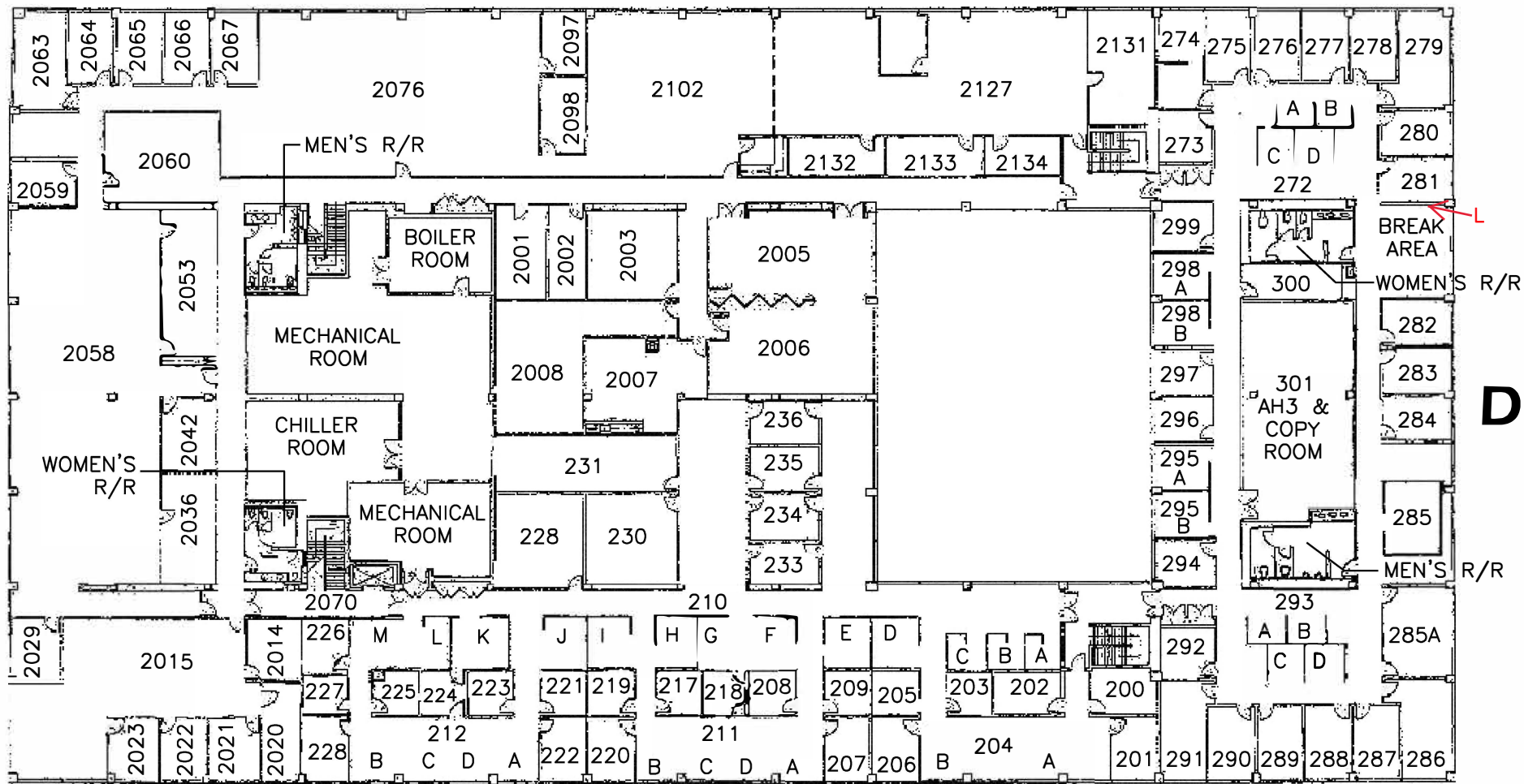
A


 4025 CAMINO DEL RIO SOUTH, SUITE 300
 ALLSTATE SERVICES SAN DIEGO, CALIFORNIA 92108
 (619) 542-7717

LEAD-BASED PAINT TESTING AT:
 4665 LAMPSON AVENUE
 ALAMITOS, CALIFORNIA

DATE	11/08/21
JOB #	21-171
SCALE	N.T.S.

C




B

D

SECOND FLOOR

A


 4025 CAMINO DEL RIO SOUTH, SUITE 300
 ALLSTATE SERVICES SAN DIEGO, CALIFORNIA 92108
 (619) 542-7717

LEAD-BASED PAINT TESTING AT:
 4665 LAMPSON AVENUE
 ALAMITOS, CALIFORNIA

DATE	11/08/21
JOB #	21-171
SCALE	N.T.S.

APPENDIX D
INSPECTOR/ASSESSOR CERTIFICATION

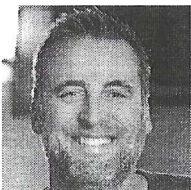


STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Steven Pettit

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00009380

EXPIRATION DATE:

11/4/2022


Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-0000083	5/2/2022
	Lead Project Designer	LRC-0000084	5/2/2022
	Lead Project Monitor	LRC-0000085	5/2/2022
	Lead Supervisor	LRC-0000082	5/2/2022

Stacey Milano

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clpph or calling (800) 597-LEAD.

APPENDIX E
CDPH FORM 8552 - LEAD HAZARD EVALUATION
REPORT

LEAD HAZARD EVALUATION REPORT

Section 1 – Date of Lead Hazard Evaluation 11/8/2021

Section 2 – Type of Lead Hazard Evaluation (Check one box only)

Lead Inspection Risk assessment Clearance Inspection Other (specify)

Section 3 – Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)]		City	County	Zip Code
4665 Lampson Avenue-Selected Areas		Los Alamitos	Los Angeles	90270
Construction date (year) of structure	Type of structure		Children living in structure?	
1970s	<input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input checked="" type="checkbox"/> Other Commercial Office Bldg.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

Section 4 – Owner of Structure (if business/agency, list contact person)

Name		Telephone number	
Contact: FREY Environmental, Inc. C/O Mr. Sawyer Jones		949-723-1645	
Address [number, street, apartment (if applicable)]		City	State
2817A Lafayette Avenue		Newport Beach	California
			Zip Code
			92663

Section 5 – Results of Lead Hazard Evaluation (check all that apply)

No lead-based paint detected Intact lead-based paint detected Deteriorated lead-based paint detected
 No lead hazards detected Lead-contaminated dust found Lead-contaminated soil found Other

Section 6 – Individual Conducting Lead Hazard Evaluation

Name		Telephone number	
Stacey J. Milano		619-542-7717	
Address [number, street, apartment (if applicable)]		City	State
4025 Camino Del Rio South, Suite 300		San Diego	California
			Zip Code
			92108
CDPH certification number	Signature	Date	
LRC-00000083	<i>Stacey J. Milano</i>	11/15/21	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Steven Pettit, Lead Sampling Technician #:LRC-00009380

Section 7 – Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector
 Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:
 California Department of Public Health
 Childhood Lead Poisoning Prevention Branch Reports
 850 Marina Bay Parkway, Building P, Third Floor
 Richmond, CA 94804-6403
 Fax: (510) 620-5656

2817A Lafayette Avenue
Newport Beach, CA 92663
(949) 723-1645
Fax (949) 723-1854
www.freyinc.com
Email: freync@freync.com

November 16, 2021
1103-04

Lampson Park Place, LLC
27702 Crown Valley Parkway D4-197
Ladera Ranch, CA 92694
Attn: Matthew Waken
(via email)

**ASBESTOS SURVEY REPORT
4665 LAMPSON AVENUE
LOS ALAMITOS, CALIFORNIA
APN 130-012-035**

1.0 INTRODUCTION

This report presents the results of a limited asbestos survey conducted at the property referenced above (Site) on November 8, 2021.

The limited asbestos survey was conducted by Mr. Sawyer Jones, a Certified Asbestos Consultant (CAC) from FREY Environmental, Inc. (FREY). The purpose of the asbestos survey was to identify potential asbestos containing materials (ACMs) in the Site building.

Description of the Site Building

The Site included a two-story commercial building with multiple office space tenants and tenant spaces. According to historical aerial photos, the Site building was constructed between 1970 and 1980. The tenant space was observed to be occupied by a State of California Department of Fish and Wildlife office, an education business office, a technical education business office and classroom and law offices.

The building included concrete on-grade foundation with steel framed construction. Interior structures included wood framed walls with drywall, hanging ceilings with ceiling tiles in the office spaces and open metal beam roof structures in the loading dock / maintenance room, and HVAC room on the second floor. Flooring included vinyl floor tiles, linoleum flooring, concrete flooring, and carpeting throughout the building.

2.0 OBJECTIVE

The objective of the work summarized in this report was to assess the likelihood that asbestos is present in concentrations greater than one percent in accessible construction materials on the Site structures.

3.0 APPROACH AND SCOPE OF SERVICES

The approach used to meet the objective included visual observation of accessible construction materials, the collection and analysis of bulk samples of accessible construction materials that were judged to potentially contain asbestos, evaluation of the data obtained, and preparation of this report.

The scope of services used to meet the objective included:

- An inspection of the building at the Site for suspected asbestos containing materials (ACMs) by a certified asbestos consultant;
- An assessment of the condition of sampled materials and identification of potential health hazards;
- Collection of samples of accessible construction materials that were judged to potentially contain asbestos;
- Laboratory analyses of the bulk samples by a National Voluntary Laboratory Accreditation Program (NVLAP)-approved laboratory using polarized light microscopy (PLM) in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 600/M4-82-020;
- Preparation of an asbestos summary table presenting the descriptions of materials sampled, sample collection locations, estimated area covered by ACMs, and laboratory analytical results;
- Data evaluation and preparation of this report summarizing the results of the survey.

4.0 GUIDELINES AND TERMINOLOGY FOR ASBESTOS CHARACTERIZATION

The following section provides information pertaining to regulatory agency definitions of terms used to describe the sampling strategy, laboratory analysis, and survey observations.

4.1 Asbestos Sampling Strategy

This asbestos survey was performed in general accordance with standard procedures recommended by the Environmental Protection Agency (EPA, 1985 and 1987) for the performance of asbestos surveys.

The sampling strategy used to collect the samples in this survey was based on the EPA's publication, "Guidance for Controlling Asbestos-Containing Materials in Buildings" (EPA, 1985) and was based on the 1987 AHERA guidelines set forth in Title 40 of the Code of Federal Regulations (CFR) Part 763 and applicable appendices. These documents call for the

sampling of friable materials, which are defined by the EPA as those materials that can be crumbled, pulverized, or reduced to powder by hand pressure when dry (EPA, 1985).

Nonfriable asbestos-containing materials (ACMs) can become friable when disturbed through work practices and handling of the material (EPA, 1987). Such work practices can include grinding, sanding, and handling of the material in an attempt to remove it.

The EPA specifies that ACMs that are classified as friable, or that may become friable, are to be removed prior to demolition activities (EPA, 1990). According to the EPA (1985), nonfriable ACMs represent a minimal hazard to the occupants of a building, as long as the material is in a generally undamaged condition and is used for its intended purpose.

The National Emissions Standards for Hazardous Air Pollutants (NESHAPS) (Title 40 CFR Section 61) defines nonfriable ACMs as nonfriable material containing more than 1 percent asbestos by area or by weight and that can potentially be broken, crumbled, pulverized, or reduced to powder in the course of demolition or renovation activities.

4.2 Laboratory Information

The bulk samples that were collected were transported to EMC Laboratories with chain-of-custody records used to document their handling. EMC Laboratories is a participant in the NVLAP of the U.S. Department of Commerce National Institute of Standards and Technology (NIST) for bulk asbestos analysis. The bulk samples collected were analyzed by the laboratory, using PLM, for the presence and quantification of asbestos, in general accordance with EPA Method No. 600/M4-82-020. A copy of the laboratory report and a copy of the chain-of-custody records for the samples collected and transferred to the laboratory are presented in Appendix A.

ACM vs. ACCM

When a material is found to contain asbestos in a concentration of greater than 1 percent, it is defined by the EPA as an ACM (EPA, 1987). Section 25919 of the California Health and Safety Code defines an asbestos containing construction material (ACCM) as one that contains greater than 0.1 percent asbestos (California Health and Safety Code). The California Occupational Safety and Health Administration (Cal-OSHA) requires that worker/employee notification and training be implemented when a material contains greater than 0.1 percent asbestos in an area where workers/employees perform work (Cal-OSHA, 1989).

4.3 Asbestos Survey Terminology

For the purposes of discussion, the terms "undamaged," (no damage or very little damage or deterioration) "damaged," (less than 10% evenly distributed damage - abraded, gouged, blistered, water damaged, or crumbling) and "significantly damaged" (10% or greater evenly distributed damage or 25% or greater localized damage) refer to the condition of the construction materials from which the samples were collected at the time the survey was conducted. The terms are applied based on our judgment using the definitions in Title 40 CFR Part 763 (EPA Federal Register 1987, p 41893).

The term "homogeneous area" is used here in general accordance with its definition by the EPA as an area of surfacing material, thermal system insulation material, or other miscellaneous material that is uniform in color and texture.

5.0 ASBESTOS SURVEY

The asbestos survey was conducted at the Site on November 8, 2021, by a certified asbestos consultant from FREY. Bulk samples of accessible construction materials judged by certified personnel to potentially contain asbestos were collected from the Site structure.

A total of 161 bulk samples (including additional layers) of accessible construction materials were collected from the Site buildings. Descriptions of the materials sampled are summarized in Table 1.

5.1 ASBESTOS CONTAINING MATERIALS

The following summary table lists samples of materials that were reported by the laboratory to contain asbestos. The listed samples are grouped by material type. The "locations of material" column refers to materials throughout the building that were observed to be homogeneous with samples of materials reported to contain asbestos. Square footage estimates of asbestos containing materials are also presented.

SAMPLE NUMBER ¹	DESCRIPTION OF MATERIAL SAMPLED	SAMPLE LOCATIONS	ESTIMATED AREA COVERED ²	PLM ³ RESULTS (% asbestos)
B9-1,2,3,4,5,6,7	Fire proofing; gray/tan; good condition; friable	Spray applied fire proofing on metal structures and ceilings on 1 st and 2 nd floors	~129,280 ft ²	4% CH ⁵
B10-1,2,3	Floor tile; 1'x1'; dark brown; black mastic; good condition; non-friable	1 st floor server room, southwest corner of bldg.	300 ft ²	FT: 5% CH MS: 3% CH
B20-1,2,3	Floor tile; 1'x1'; light green; black mastic; good condition; non-friable (pattern w/ B21)	1 st floor West Ed suite kitchen/break room;	80 ft ²	FT: ND MS: 2% CH
B21-1,2,3	Floor tile; 1'x1'; dark green; black mastic; good condition; non-friable (pattern w/ B20)	1 st floor West Ed suite kitchen/break room;	80 ft ²	FT: ND MS: 2% CH
B22-1,2,3	Floor tile; 1'x1'; white with black/gray splotch; black mastic; good condition; non-friable	1 st floor West Ed suite electrical room next to kitchen/break room;	60 ft ²	FT: ND MS: 2% CH
B23-1,2,3,4,5,6,7	Drywall; white; w/ joint compound and texture	1 st and 2 nd floors all interior walls	136,000 ft ²	DW: ND JC: 2% CH
B24-1,2,3	Floor tile; 1'x1'; dark brown/red; black mastic; good condition; non-friable	2 nd floor electrical room in DFG suite	80 ft ²	FT: 5% CH MS: 3% CH

Table 1 presents descriptions of the materials sampled, sample collection locations, and a summary of laboratory analytical results. Sample locations of reported ACMs are presented in Figure 1. Laboratory reports and chain-of-custody documents are presented in Appendix A.

6.0 CONCLUSIONS

Based on the information obtained during this survey, laboratory analytical results, current regulatory guidelines and law, state-of-the-industry practices, and our professional judgment, the following conclusions have been drawn:

NON-ACMs

Samples collected from a majority of materials from the Site structure were not reported to contain asbestos (Table 1).

ACMs

- One of the seven samples collected and analyzed from the spray applied fire proofing was reported to contain asbestos at a concentration of 4% chrysotile. This material was judged to be friable and was generally observed to be present in an undamaged condition at the time the survey was conducted.
- One of three samples collected and analyzed from 1'x1' dark brown vinyl floor tile was reported to contain asbestos in the vinyl floor tile at 5% chrysotile and in the black mastic at a concentration of 3% chrysotile. This material was judged to be non-friable. The floor tiles were observed to be present in an undamaged condition and the mastic was generally observed to be present in an undamaged condition at the time the survey was conducted.
- One of the three samples collected and analyzed from 1'x1' light green vinyl floor tiles was reported to contain asbestos in the black mastic at a concentration of 2% chrysotile. This material was judged to be non-friable and was generally observed to be present in an undamaged condition at the time the survey was conducted.
- One of the three samples collected and analyzed from 1'x1' dark green vinyl floor tiles was reported to contain asbestos in the black mastic at a concentration of 2% chrysotile. This material was judged to be non-friable and was generally observed to be present in an undamaged condition at the time the survey was conducted.
- One of the three samples collected and analyzed from 1'x1' white with black and gray splotch vinyl floor tiles was reported to contain asbestos in the black mastic at a concentration of 2% chrysotile. This material was judged to be non-friable and was generally observed to be present in an undamaged condition at the time the survey was conducted.
- One of seven samples collected and analyzed from drywall was reported to contain asbestos in the joint compound at a concentration of 2% chrysotile. This material was judged to be non-friable and was generally observed to be present in an undamaged condition at the time the survey was conducted.
- One of three samples collected and analyzed from 1'x1' dark brown/red vinyl floor tile was reported to contain asbestos in the vinyl floor tile at 5% chrysotile and in the black mastic at a concentration of 3% chrysotile. This material was judged to be non-friable. The floor tiles were observed to be present in an undamaged condition and the mastic

was generally observed to be present in an undamaged condition at the time the survey was conducted.

Excluding the aforementioned materials, and inaccessible materials, there is a low likelihood that asbestos is present in concentrations greater than one percent in the remaining accessible construction materials at the Site building in surveyed areas.

7.0 RECOMMENDATIONS

Based on the information obtained during this survey, current regulatory guidelines, state-of-the-industry practices, and our professional judgment, the following recommendations are presented for your consideration:

- An asbestos Operation and Maintenance Plan (O&M Plan) is recommended to be prepared to manage all identified ACMs at the Site buildings.
- Prior to renovation or demolition of the Site building(s), NESHAPS, Title 40 Code of Federal Regulations Part 61, and South Coast Air Quality Management District Rule 1403, and other regulations require that both friable and various non-friable ACMs be removed from the structures at the Site by a licensed abatement contractor registered in the State of California and certified to perform asbestos-related activities.
- Materials reported to contain asbestos (ACMs and ACCMs) should be removed by a qualified asbestos abatement contractor prior to conducting any work that may disturb this material including maintenance activities, building renovation, or demolition.
- FREY recommends the conduct of third party abatement inspections prior to abatement activities at the Site, during abatement activities, and after completion of abatement activities to verify proper removal of all asbestos containing materials in accordance with Title 40 Code of Federal Regulations Part 61, and South Coast Air Quality Management District Rule 1403.
- If additional materials are discovered during remodeling or demolition of the building(s) and laboratory analysis of samples of those materials was not performed, samples should be collected and analyzed prior to removal or disturbance of the materials.
- Applicable laws and regulations should be followed, including those provisions requiring notification of tenants, employees, maintenance and custodial personnel, and outside contractors who may contact the asbestos-containing materials, of the location of these materials.

The above recommendations are intended to provide guidance in implementing procedures which, in our experience, are appropriate within the regulatory environment in California. These recommendations are not intended to constitute legal advice; it is possible that legal counsel familiar with asbestos law would provide recommendations that would differ from those cited above and/or would advise compliance with regulations, guidelines, and laws not cited herein.

8.0 LIMITATIONS

Estimates of the quantities of construction materials present at the Site are provided for discussion purposes only. No warranty as to the accuracy of the estimates of materials provided is expressed or implied. The estimates provided in this report should not be relied upon or used in the preparation of asbestos abatement specifications.

The judgments, conclusions, and recommendations described in this report pertain to the conditions judged to be present or applicable at the time the work was performed. Future conditions may differ from those described herein. Use of this report is provided to our client solely for their exclusive use and the use shall be subject to the terms and conditions in the applicable contract between our company and the client. Any third-party use shall also be subject to the terms and conditions governing the work in the contract between our company and the client. Any unauthorized release or misuse of this report shall be without risk or liability to our company.

Certain information contained in this report may have been rightfully provided to our company by third parties or other outside sources. We do not make any warranties or representations, whether expressed or implied, regarding the accuracy of such information, and shall not be held accountable or responsible in the event that any such inaccuracies are present.

Although the asbestos survey was conducted by a certified asbestos consultant and an accredited laboratory performed the analyses, the asbestos survey described here may not identify all ACMs at the Site. Possible reasons for this include: inaccessible building features or areas, non-performance of destructive sampling, unavailability of as-built drawings (specifying all building materials used in the structure), practical limitation to the number of samples that can be collected, presence of multiple layers of materials, and the analytical method used (Polarized Light Microscopy). Further, although a sample will be collected from each material which appears to be different (based on texture and color); homogeneity of content of similar materials cannot be guaranteed, since similarity of color and texture do not assure that the same ingredients were used in their manufacture. It is possible that of two apparently similar materials, one may contain asbestos and one may not. Therefore, additional sampling and testing may be necessary to provide a higher confidence level regarding the presence of ACMs.

Sincerely,
FREY Environmental, Inc.



Sawyer Jones
Certified Asbestos Consultant,
Certification Number: 18-6315

Attachments

Table 1 – Asbestos Survey Results Summary

Figure 1 – Site Location Map

Figure 2 – Site Sketch Shoring Location of Laboratory Detected ACMs in Flooring Materials – 1st floor

Figure 3 – Site Sketch Shoring Location of Laboratory Detected ACMs in Flooring Materials – 2nd floor

Figure 4 – Site Sketch Shoring Location of Laboratory Detected ACMs in Wall Materials – 1st floor

Figure 5 – Site Sketch Shoring Location of Laboratory Detected ACMs in Wall Materials – 2nd floor

Appendix A – Chain of Custody Records and Laboratory Analytical Reports

REFERENCES

California Health and Safety Code, Division 20, Chapter 10.4, Section 25919.

Cal-OSHA (California Occupational Safety and Health Administration), 1989, General Industry Safety Orders: Title 8, Section 5208.

EPA (Environmental Protection Agency), 1990, Federal Register, National Emission Standards for Hazardous Air Pollutants, Asbestos NESHAP Revision, Final Rule: EPA, Title 40, Code of Federal Regulations Part 61, 20 November 1990, pp. 48406 to 48433.

_____, 1987, Federal Register, Asbestos Hazard Emergency Response Act, Asbestos-containing materials in schools, final rule (AHERA) and notice: Environmental Protection Agency, Title 40, Code of Federal Regulations Part 763, 30 October 1987, pp 41826 to 41905.

_____, 1985, Guidance for controlling asbestos-containing materials in buildings: Office of Pesticides and toxic Substances, Environmental Protection Agency, Publication Number 560/5/85-024, May 19, 1985.

TABLE

TABLE 1

**ASBESTOS SURVEY RESULTS SUMMARY
ASBESTOS SURVEY REPORT
4665 LAMPSON AVENUE
LOS ALAMITOS, CALIFORNIA
Sampling on November 8, 2021**

SAMPLE NUMBER¹	DESCRIPTION OF MATERIAL SAMPLED	SAMPLE LOCATIONS	ESTIMATED AREA COVERED²	PLM³ RESULTS (% asbestos)
B1-1,2,3	Ceiling tile; 2x4; smooth texture; white	1 st and 2 nd floors in office spaces	NA	ND ⁴
B2-1,2,3	Floor tile; 1'x1'; black; yellow/black mastic	1 st and 2 nd floors, hallways, storage rooms, offices on west side of building	NA	ND
B3-1,2,3	Floor tile; 1'x1'; white w/ gray streak; yellow mastic	1 st and 2 nd floors, hallways, storage rooms, offices on west side of building	NA	ND
B4-1,2,3	Floor tile; 1'x1'; gray; yellow mastic	1 st and 2 nd floors, hallways, storage rooms, offices on west side of building	NA	ND
B5-1,2,3	Ceiling tile; 1'x1'; white (mixed with B18)	1 st and 2 nd floors, hallways, server room	NA	ND
B6-1,2,3	Floor tile; 1'x1'; tan; yellow mastic (pattern with B7 & B8)	1 st and 2 nd floors, maintenance room, storage rooms,	NA	ND
B7-1,2,3	Floor tile; 1'x1'; green; yellow mastic (pattern with B6 & B8)	1 st and 2 nd floors, maintenance room, storage rooms,	NA	ND
B8-1,2,3	Floor tile; 1'x1'; red/maroon; yellow mastic (pattern with B6 & B7)	1 st and 2 nd floors, maintenance room, storage rooms,	NA	ND
B9-1,2,3,4,5,6,7	Fire proofing; gray/tan; good condition; friable	Spray applied fire proofing on metal structures and ceilings on 1 st and 2 nd floors	~129,280 ft ²	4% CH⁵
B10-1,2,3	Floor tile; 1'x1'; dark brown; black mastic; good condition; non-friable	1 st floor server room, southwest corner of bldg.	300 ft ²	FT: 5% CH MS: 3% CH
B11-1,2,3	Cove base; black; yellow mastic	1 st and 2 nd floors, hallways, offices, storage rooms	NA	ND
B12-1,2,3	Ceiling tile; 2'x2'; smooth texture; white;	1 st and 2 nd floors, office spaces and storage rooms	NA	ND
B13-1,2,3	Carpet mastic; yellow, green; blue	1 st and 2 nd floors, office spaces, hallways, storage rooms with carpet	NA	ND
B14-1,2,3	Linoleum flooring; yellow mastic	Break room on first floor, north side of building	NA	ND
B15-1,2,3	Cove base; gray/green/ yellow mastic	1 st floor hallways, offices, entry room on southwest side of building	NA	ND

TABLE 1

**ASBESTOS SURVEY RESULTS SUMMARY
ASBESTOS SURVEY REPORT
4665 LAMPSON AVENUE
LOS ALAMITOS, CALIFORNIA
Sampling on November 8, 2021**

SAMPLE NUMBER¹	DESCRIPTION OF MATERIAL SAMPLED	SAMPLE LOCATIONS	ESTIMATED AREA COVERED²	PLM³ RESULTS (% asbestos)
B16-1,2,3	Cove base; light green; yellow/white mastic	1 st floor offices, entry room on southwest side of building	NA	ND
B17-1,2,3	Cove base; off white; yellow/white mastic	1 st floor break room on west side of building	NA	ND
B18-1,2,3	Ceiling tile; 1'x1'; spec/streak; bright white (mixed with B5)	1 st and 2 nd floors, hallways, server room	NA	ND
B19-1,2,3	Floor tile; 1'x1', white with green and blue spec; black mastic	1 st floor in West Ed suite copy room	NA	ND
B20-1,2,3	Floor tile; 1'x1'; light green; black mastic; good condition; non-friable (pattern w/ B21)	1 st floor West Ed suite kitchen/break room;	80 ft ²	FT: ND MS: 2% CH
B21-1,2,3	Floor tile; 1'x1'; dark green; black mastic; good condition; non-friable (pattern w/ B20)	1 st floor West Ed suite kitchen/break room;	80 ft ²	FT: ND MS: 2% CH
B22-1,2,3	Floor tile; 1'x1'; white with black/gray splotch; black mastic; good condition; non-friable	1 st floor West Ed suite electrical room next to kitchen/break room;	60 ft ²	FT: ND MS: 2% CH
B23-1,2,3,4,5,6,7	Drywall; white; w/ joint compound and texture	1 st and 2 nd floors all interior walls	136,000 ft ²	DW: ND JC: 2% CH
B24-1,2,3	Floor tile; 1'x1'; dark brown/red; black mastic; good condition; non-friable	2 nd floor electrical room in DFG suite	300 ft ²	FT: 5% CH MS: 3% CH
B25-1,2,3	Fabric pipe wrapping / TSI; white	2 nd floor HVAC room; fabric insulation over fiberglass	NA	ND
B26-1,2,3	Floor tile; 1'x1'; white with black spec; yellow mastic (pattern with B27)	2 nd floor break room in West Ed suite	NA	ND
B27-1,2,3	Floor tile; 1'x1'; green with green splotch; yellow mastic (pattern with B26)	2 nd floor break room in West Ed suite	NA	ND
B28-1,2,3	Linoleum flooring; brown/tan; yellow mastic;	1 st floor hallways; storage rooms; DFG suite	NA	ND
B29-1,2,3	Roof penetration mastic; black;	Roof at all penetrations	NA	ND
B30-1,2,3,4,5,6,7	Roll on horizontal roofing; gray/black with crushed rock	Roof	NA	ND

TABLE 1

**ASBESTOS SURVEY RESULTS SUMMARY
ASBESTOS SURVEY REPORT
4665 LAMPSON AVENUE
LOS ALAMITOS, CALIFORNIA
Sampling on November 8, 2021**

Notes:

- 1 Sample number.
- 2 Estimated area covered is only provided for samples of materials reported to contain asbestos.
- 3 PLM = polarized-light microscopy. EPA Method No. 600/M4-82-020.
- 4 ND = no asbestos detected. * = point-counting analysis conducted to confirm asbestos concentration as greater, or less than, 0.1%.
- 5 CH = Chrysotile asbestos; AM= Amosite asbestos; TR= Tremolite asbestos.
NA = not applicable. Unk=unknown.
FT = Floor tile; FL = Flooring; MS = floor mastic

FIGURES



NOTE:

1. Base map information from Los Alamitos, 2012, USGS 7.5 minute, California topographic quadrangle.



APPROXIMATE SCALE IN MILES



SITE LOCATION MAP

4665 LAMPSON AVENUE
LOS ALAMITOS, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
	1103-04	11/2021

FILE NAME:	FIGURE 1
1103-04-SL.AI	

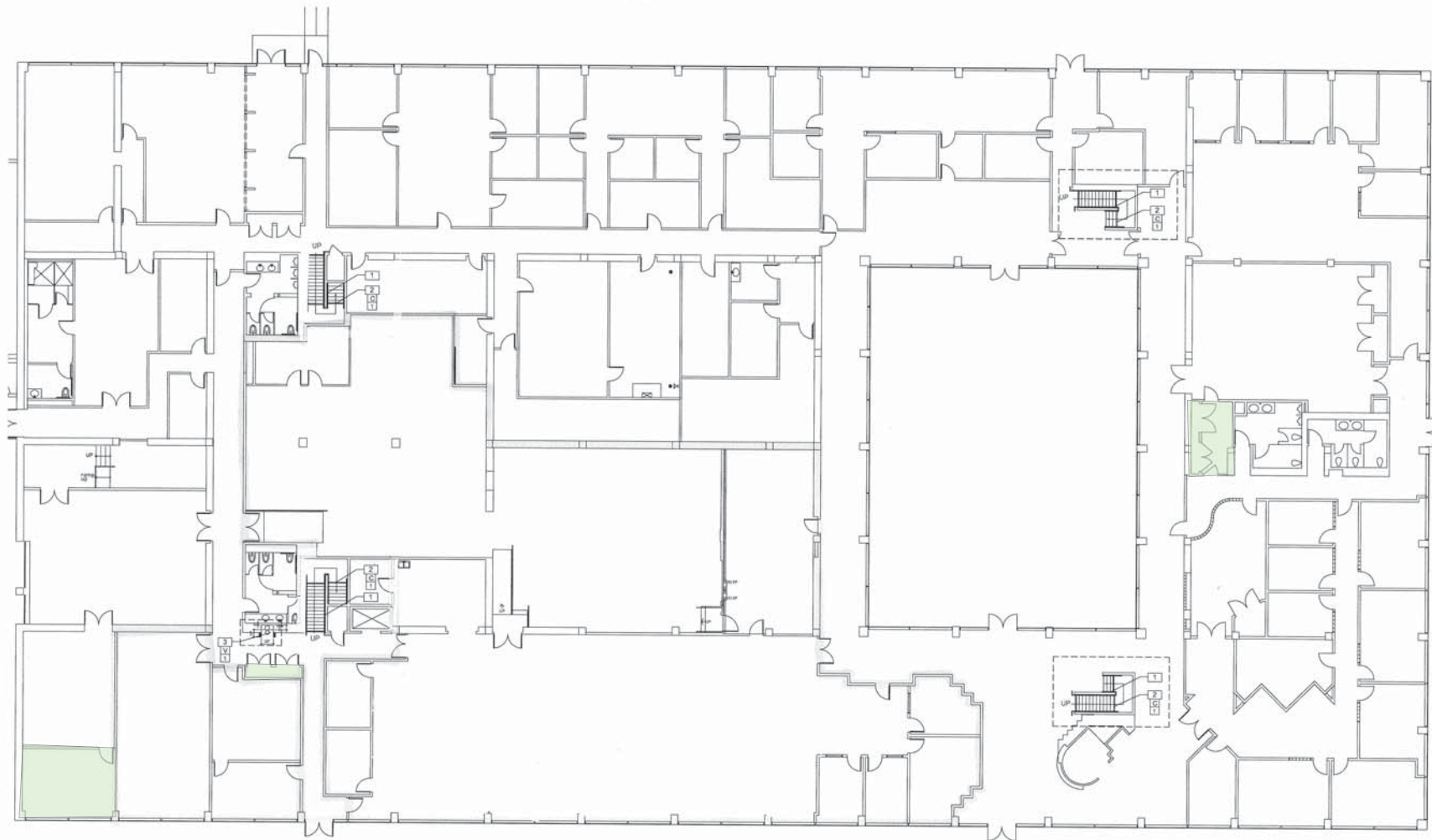


FIGURE 2


 GENERAL LOCATION OF LABORATORY DETECTED ACM
IN FLOORING MATERIALS ON FIRST FLOOR



FIGURE 3



GENERAL LOCATION OF LABORATORY DETECTED ACM
IN FLOORING MATERIALS ON SECOND FLOOR

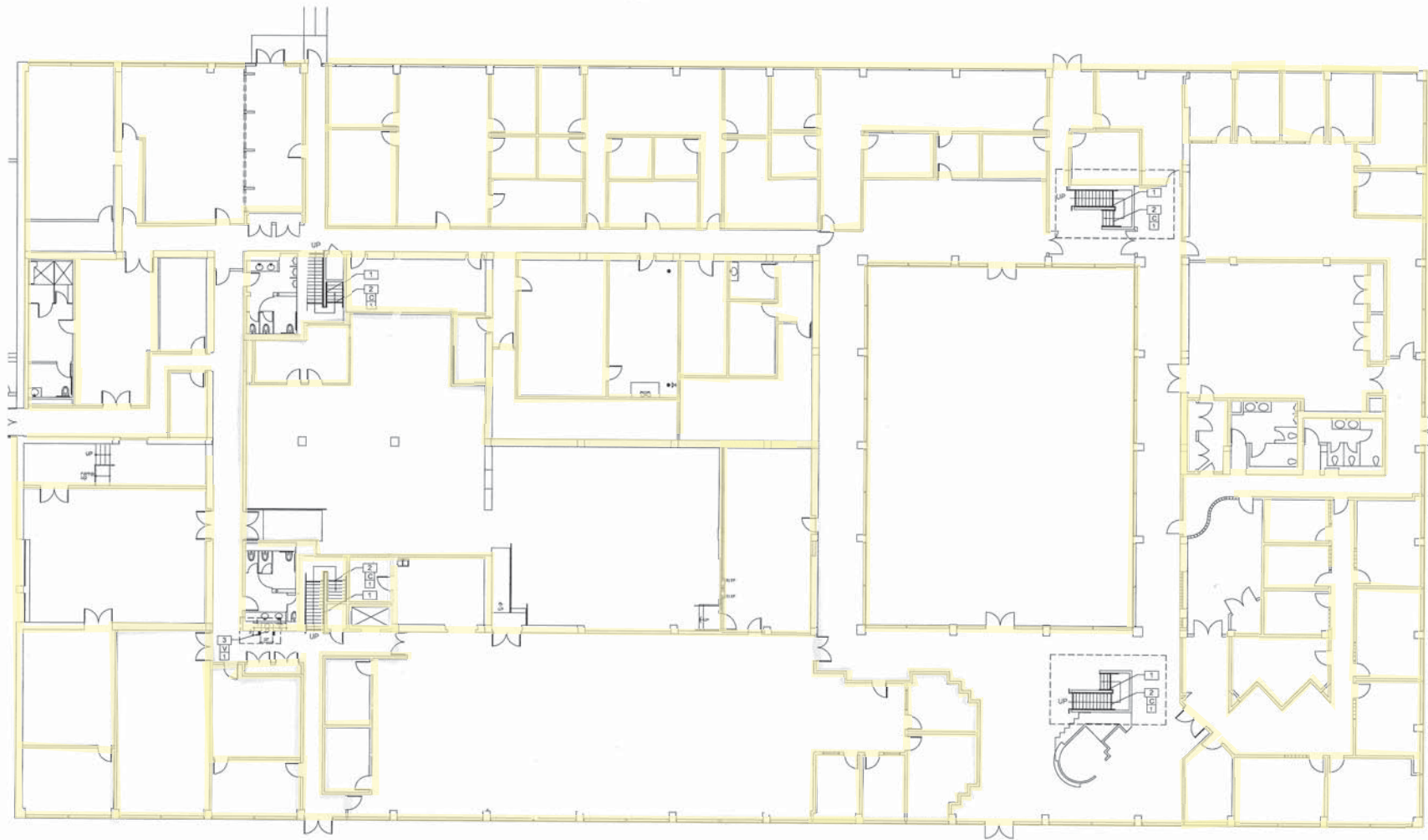


FIGURE 4


 GENERAL LOCATION OF LABORATORY DETECTED ACM
IN WALL MATERIALS ON FIRST FLOOR



FIGURE 5



GENERAL LOCATION OF LABORATORY DETECTED ACM
IN WALL MATERIALS ON SECOND FLOOR

APPENDIX A
CHAIN OF CUSTODY RECORDS
AND
LABORATORY ANALYTICAL REPORTS



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NVLAP Lab Code: 200548-0

Asbestos Laboratory Report, Page 1 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110609	1121110610	1121110611	1121110612	1121110613	1121110614	1121110615	1121110616	1121110617	1121110618
Sample #	1	2	3	4	5	6	7	8	9	10
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type										
2° Type										
3° Type										
Location	1st / 2nd Floor Ceiling (2'x4')	1st / 2nd Floor Ceiling (2'x4')	1st / 2nd Floor Ceiling (2'x4')	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway

Material	Ceiling Tile	Ceiling Tile	Ceiling Tile	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile
----------	--------------	--------------	--------------	----------------------	---------------------	----------------------	---------------------	----------------------	---------------------	----------------------

Notes	B1-1	B1-2	B1-3	B2-1	B2-1	B2-2	B2-2	B2-3	B2-3	B3-1
-------	------	------	------	------	------	------	------	------	------	------

Color	Light Gray, White	Light Gray, White	Light Gray, White	Black, Gray	Golden Amber	Black, Gray	Golden Amber	Black, Beige	Golden Amber	Off-White, Gray
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Homogeneous	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes
-------------	-----	-----	-----	-----	----	-----	----	-----	----	-----

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint	x	x	x							
Tar										
Cellulose	1%		1%							
Fiberglass	90%	92%	90%							
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Received: 11/09/2021 Analyzed: 11/09/2021, 11/10/2021 Report Date: 11/10/2021

Analysts: *Elaine Espigue* *Javier Osorio* *Jeffrey Scherer* Admin QC: VG
Elaine Espigue Javier Osorio Jeffrey Scherer Lab QC: RCC

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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Asbestos Laboratory Report, Page 2 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
 Attention: Sawyer Jones
 2817-A Lafayette Avenue
 Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
 Los Alamitos, CA

	1121110619	1121110620	1121110621	1121110622	1121110623	1121110624	1121110625	1121110626	1121110627	1121110628
Sample #	11	12	13	14	15	16	17	18	19	20
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type										
2° Type										
3° Type										
Location	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway	1st Floor, West Hallway

Material	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Floor Tile	Adhesive	Floor Tile	Adhesive	Floor Tile
----------	---------------------	----------------------	---------------------	----------------------	---------------------	------------	----------	------------	----------	------------

Notes	B3-1	B3-2	B3-2	B3-3	B3-3	B4-1	B4-1	B4-2	B4-2	B4-3
-------	------	------	------	------	------	------	------	------	------	------

Color	Golden Amber	Off-White, Gray	Golden Amber	Off-White, Light-Gray	Amber, Gray	Gray	Yellow	Gray	Yellow	Gray
-------	--------------	-----------------	--------------	-----------------------	-------------	------	--------	------	--------	------

Homogeneous	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
-------------	----	-----	----	-----	----	-----	-----	-----	-----	-----

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar										
Cellulose							<1%			
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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NVLAP Lab Code: 200548-0

Asbestos Laboratory Report, Page 3 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110629	1121110630	1121110631	1121110632	1121110633	1121110634	1121110635	1121110636	1121110637	1121110638
Sample #	21	22	23	24	25	26	27	28	29	30
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type
2° Type
3° Type

Location	1st Floor, West Hallway	1st / 2nd Floor Ceiling (1'x1')	1st / 2nd Floor Ceiling (1'x1')	1st / 2nd Floor Ceiling (1'x1')	1st Floor Maintenance Office / Hallway / Storage Room / All 2nd Floor	1st Floor Maintenance Office / Hallway / Storage Room / All 2nd Floor	1st Floor Maintenance Office / Hallway / Storage Room / All 2nd Floor	1st Floor Maintenance Office / Hallway / Storage Room / All 2nd Floor	1st Floor Maintenance Office / Hallway / Storage Room / All 2nd Floor	1st Floor Maintenance Office / Hallway / Storage Room / All 2nd Floor
----------	-------------------------	---------------------------------	---------------------------------	---------------------------------	---	---	---	---	---	---

Material	Adhesive	Ceiling Tile	Ceiling Tile	Ceiling Tile	Floor Tile	Adhesive	Floor Tile	Adhesive	Floor Tile	Adhesive
----------	----------	--------------	--------------	--------------	------------	----------	------------	----------	------------	----------

Notes	B4-3	B5-1	B5-2	B5-3	B6-1	B6-1	B6-2	B6-2	B6-3	B6-3
-------	------	------	------	------	------	------	------	------	------	------

Color	Yellow	Light Gray	Light Gray	Light Gray	White	Yellow	White	Yellow	White	Yellow
-------	--------	------------	------------	------------	-------	--------	-------	--------	-------	--------

Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
-------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint		x	x	x						
Tar										
Cellulose	<1%									
Fiberglass		85%	85%	85%						
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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Asbestos Laboratory Report, Page 4 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110639	1121110640	1121110641	1121110642	1121110643	1121110644	1121110645	1121110646	1121110647	1121110648
Sample #	31	32	33	34	35	36	37	38	39	40
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type										
2° Type										
3° Type										
Location	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All

Material	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive
----------	-------------------------	------------------------	-------------------------	------------------------	-------------------------	------------------------	-------------------------	------------------------	-------------------------	------------------------

Notes	B7-1	B7-1	B7-2	B7-2	B7-3	B7-3	B8-1	B8-1	B8-2	B8-2
-------	------	------	------	------	------	------	------	------	------	------

Color	Green	Amber	Green	Amber	Green	Amber	Brown	Amber	Brown	Amber
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
-------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar										
Cellulose	<1%	1%	1%	1%	<1%	2%	1%	1%	<1%	1%
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										

Comments/ Method Departures	None	None	None	None	None	None	None	None	None	None
-----------------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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NVLAP Lab Code: 200548-0

Asbestos Laboratory Report, Page 5 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
 Attention: Sawyer Jones
 2817-A Lafayette Avenue
 Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
 Los Alamitos, CA

	1121110649	1121110650	1121110651	1121110652	1121110653	1121110658	1121110659	1121110664	1121110665	1121110666
Sample #	41	42	43	44	45	50	51	56	57	58
Asbestos	No	No	No	No	Yes	Yes	Yes	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	4%	5%	3%	N.D.	N.D.	N.D.

1° Type					Chrysotile	Chrysotile	Chrysotile			
2° Type										
3° Type										

Location	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor Maintenance / Storage / 2nd Floor / All	1st Floor / 2nd Floor Ceilings	1st Floor / 2nd Floor Ceilings	1st Floor / 2nd Floor Ceilings	1st Floor Server Room	1st Floor Server Room	1st / 2nd Floor	1st / 2nd Floor	1st / 2nd Floor
Material	Vinyl Composite Tile	Vinyl Tile Adhesive	Fireproofing Material	Fireproofing Material	Fireproofing Material	Vinyl Composite Tile	Vinyl Floor Mastic	Base Cove	Base Cove Adhesive	Base Cove

Notes	B8-3	B8-3	B9-1	B9-2	B9-3	B10-1	B10-1	B11-1	B11-1	B11-2
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Color	Brown	Amber	Off-White	Off-White	Off-White	Dark Brown	Black	Black	Tan, Brown	Black
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Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
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Components:

Non-fibrous Material	x	x	x	x	x	x		x	x	x
Paint										
Tar							x			
Cellulose	1%	2%	15%	20%	15%					
Fiberglass										
Synthetic Fibers										
Other 1									<1% Wollastonite	
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
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Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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NVLAP Lab Code: 200548-0

Asbestos Laboratory Report, Page 6 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
 Attention: Sawyer Jones
 2817-A Lafayette Avenue
 Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
 Los Alamitos, CA

	1121110667	1121110668	1121110669	1121110670	1121110671	1121110672	1121110673	1121110673	1121110674	
							Sub-sample	Sub-sample		
Sample #	59	60	61	62	63	64	65	65.1	65.2	66
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type										
2° Type										
3° Type										
Location	1st / 2nd Floor	1st / 2nd Floor	1st / 2nd Floor	1st / 2nd Floor (2'x2')	1st / 2nd Floor (2'x2')	1st / 2nd Floor (2'x2')	1st / 2nd Floor	1st / 2nd Floor	1st / 2nd Floor	1st / 2nd Floor

Material	Base Cove Adhesive	Base Cove Adhesive	Base Cove Adhesive	Ceiling Tile	Ceiling Tile	Ceiling Tile	Carpet Adhesive	Carpet Adhesive	Leveling Compound	Carpet Adhesive

Notes	B11-2	B11-3	B11-3	B12-1	B12-2	B12-3	B13-1	B13-1	B13-1	B13-2

Color	Tan	Black	Tan, Brown	Light-Gray, White	Light-Gray, White	Beige, White	Amber	Green	Gray	Amber

Homogeneous	No	Yes	No	Yes	Yes	Yes	No	No	No	No

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint				x	x	x				
Tar										
Cellulose				6%	7%	7%	1%	1%	1%	<1%
Fiberglass				75%	75%	75%				
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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NVLAP Lab Code: 200548-0

Asbestos Laboratory Report, Page 7 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110674 Sub-sample	1121110674 Sub-sample	1121110675	1121110675 Sub-sample	1121110676	1121110677	1121110678	1121110679	1121110680	1121110681
Sample #	66.1	66.2	67	67.1	68	69	70	71	72	73
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Location	1st / 2nd Floor	1st / 2nd Floor	1st / 2nd Floor	1st / 2nd Floor	1st Floor Break Rooms	1st Floor Break Rooms	1st Floor Break Rooms	1st Floor Break Rooms	1st Floor Break Rooms	1st Floor Break Rooms
1° Type										
2° Type										
3° Type										

Material	Carpet Adhesive	Leveling Compound	Carpet Adhesive	Carpet Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive
Notes	B13-2	B13-2	B13-3	B13-3	B14-1	B14-1	B14-2	B14-2	B14-3	B14-3

Color	Green	Gray	Amber	Green	Off-White	Amber	Gray	Amber	Gray	Amber
Homogeneous	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar										
Cellulose	2%	1%	<1%	1%	4%	1%	3%	<1%	4%	2%
Fiberglass										
Synthetic Fibers										
Other 1					Mesh		Mesh			
Other 2										

Comments/ Method Departures	None	None	None	None	None	None	None	None	None	None
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Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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Asbestos Laboratory Report, Page 8 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110682	1121110683	1121110684	1121110685	1121110686	1121110687	1121110688	1121110689	1121110689 Sub-sample	1121110690
Sample #	74	75	76	77	78	79	80	81	81.1	82
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type										
2° Type										
3° Type										
Location	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor

Material	Base Cove	Base Cove Adhesive	Base Cove	Base Cove Adhesive	Base Cove	Base Cove Adhesive	Base Cove	Base Cove Adhesive	Texture	Base Cove
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Notes	B15-1	B15-1	B15-2	B15-2	B15-3	B15-3	B16-1	B16-1	B16-1	B16-2
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Color	Green	Brown	Green	Brown	Green	Brown	Green	Off-White	White	Green
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Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint									x	
Tar										
Cellulose	<1%	<1%	<1%	1%	1%	2%				
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
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Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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NVLAP Lab Code: 200548-0

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California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110691	1121110691 Sub-sample	1121110692	1121110693	1121110694	1121110695	1121110695 Sub-sample	1121110695 Sub-sample	1121110696	1121110697
Sample #	83	83.1	84	85	86	87	87.1	87.2	88	89
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Location	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor
1° Type										
2° Type										
3° Type										

Material	Base Cove Adhesive	Texture	Base Cove	Base Cove Adhesive	Base Cove	Base Cove Adhesive	Texture	Adhesive	Base Cove	Base Cove Adhesive
Notes	B16-2	B16-2	B16-3	B16-3	B17-1	B17-1	B17-1	B17-1	B17-2	B17-2

Color	Off-White	White	Green	Off-White	Beige	Off-White	White	Brown	Light Gray	Off-White
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint		x		x			x			
Tar										
Cellulose										
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										

Comments/ Method Departures	None	None	None	None	None	None	None	None	None	None
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Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
 Attention: Sawyer Jones
 2817-A Lafayette Avenue
 Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
 Los Alamitos, CA

	1121110697 Sub-sample	1121110698	1121110699	1121110699 Sub-sample	1121110700	1121110701	1121110702	1121110703	1121110704	1121110705
Sample #	89.1	90	91	91.1	92	93	94	95	96	97
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Location	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor / 2nd Floor	1st Floor (West End) (Copy Room)	1st Floor (West End) (Copy Room)	1st Floor (West End) (Copy Room)
1° Type										
2° Type										
3° Type										

Material	Texture	Base Cove	Base Cove Adhesive	Texture	Ceiling Tile	Ceiling Tile	Ceiling Tile	Vinyl Composite Tile	Vinyl Floor Mastic	Vinyl Composite Tile
Notes	B17-2	B17-3	B17-3	B17-3	B18-1	B18-1	B18-3	B19-1	B19-1	B19-2

Color	White	Light Gray	Off-White	White	Light Gray	Light Gray	Light Gray	Off-White	Black	Off-White
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint	x			x	x	x	x			
Tar									x	
Cellulose					10%	10%	10%	<1%	3%	1%
Fiberglass					80%	80%	80%			
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
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Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
 Attention: Sawyer Jones
 2817-A Lafayette Avenue
 Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
 Los Alamitos, CA

	1121110706	1121110707	1121110708	1121110709	1121110710	1121110711	1121110713	1121110715	1121110716	1121110717
Sample #	98	99	100	101	102	103	105	107	108	109
Asbestos	No	No	No	No	Yes	No	No	No	Yes	No
Total	N.D.	N.D.	N.D.	N.D.	2%	N.D.	N.D.	N.D.	2%	N.D.
1° Type					2%				2%	
2° Type					Chrysotile				Chrysotile	
3° Type										
Location	1st Floor (West End) (Copy Room)	1st Floor (West End) (Copy Room)	1st Floor (West End) (Copy Room)	1st Floor (West End) (Break Room)	1st Floor (West End) (Break Room)	1st Floor (West End) (Break Room)	1st Floor (West End) (Break Room)	1st Floor (West End) (Break Room)	1st Floor (West End) (Break Room)	1st Floor (West End) (Break Room)
Material	Vinyl Floor Mastic	Vinyl Composite Tile	Vinyl Floor Mastic	Vinyl Composite Tile	Vinyl Floor Mastic	Vinyl Composite Tile	Vinyl Composite Tile	Vinyl Composite Tile	Vinyl Floor Mastic	Vinyl Composite Tile
Notes	B19-2	B19-3	B19-3	B20-1	B20-1	B20-2	B20-3	B21-1	B21-1	B21-2
Color	Black	Off-White	Black	Light Gray, Black	Black	Light Gray, Black	Light Gray, Black	Light Gray, Black	Black	Light Gray, Black
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Components:										
Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar	x		x	x	x	x	x		x	
Cellulose	2%	<1%	2%	1%	3%	<1%	1%	1%	3%	<1%
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										
Comments/Method Departures	None	None	None	None	None	None	None	None	None	None

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110719	1121110721	1121110722	1121110723	1121110724	1121110725	1121110726	1121110727	1121110727 Sub-sample	1121110727 Sub-sample
Sample #	111	113	114	115	116	117	118	119	119.1	119.2
Asbestos	No	No	No	No	No	No	Yes	Yes	Yes	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2%	<1%	2%	N.D.

1° Type							Chrysotile	Chrysotile	Chrysotile	
2° Type										
3° Type										

Location	1st Floor (West End) (Break Room)	1st Floor (West End) (Electrical Room)	1st Floor (West End) (Electrical Room)	1st Floor (West End) (Electrical Room)	1st Floor (West End) (Electrical Room)	1st Floor (West End) (Electrical Room)	1st Floor (West End) (Electrical Room)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)
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Material	Vinyl Composite Tile	Vinyl Composite Tile	Vinyl Floor Mastic	Vinyl Composite Tile	Vinyl Floor Mastic	Vinyl Composite Tile	Vinyl Floor Mastic	Drywall & Mud Composition	Drywall Mud	Drywall
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Notes	B21-3	B22-1	B22-1	B22-2	B22-2	B22-3	B22-3	B23-1	B23-1	B23-1
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Color	Light Gray, Black	White, Light-Gray, Gray	Black	White, Light-Gray, Black	Black	White, Light-Gray, Black	Black	White, Off-White	Off-White	White
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Homogeneous	Yes	Yes	No	Yes	No	Yes	No	No	No	No
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Components:

Non-fibrous Material	x	x		x		x		x	x	x
Paint								x	x	
Tar			x		x		x			
Cellulose	<1%							2%		2%
Fiberglass								1%		1%
Synthetic Fibers										
Other 1								Paper	Paper	Paper
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



**ENVIRO
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2211 West Orangetwood Avenue
Orange, CA 92868
Tel: (714) 937-0750
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(800) 665-7586



NVLAP Lab Code: 200548-0

Asbestos Laboratory Report, Page 13 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110728	1121110728 Sub-sample	1121110729	1121110729 Sub-sample	1121110730	1121110730 Sub-sample	1121110731	1121110731 Sub-sample	1121110732	1121110732 Sub-sample
Sample #	120	120.2	121	121.2	122	122.2	123	123.2	124	124.2
Asbestos	Yes	No	No	No	No	No	No	No	No	No
Total	<1%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type <1% Chrysotile
2° Type
3° Type

Location	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)
Material	Drywall & Mud Composition	Drywall	Drywall & Mud Composition	Drywall	Drywall & Mud Composition	Drywall	Drywall & Mud Composition	Drywall	Drywall & Mud Composition	Drywall

Notes	B23-2	B23-2	B23-3	B23-3	B23-4	B23-4	B23-5	B23-5	B23-6	B23-6
Color	White	White	White	White	White	White	White	White	White	White
Homogeneous	No	No	No	No	No	No	No	No	No	No

Notes	B23-2	B23-2	B23-3	B23-3	B23-4	B23-4	B23-5	B23-5	B23-6	B23-6
Color	White	White	White	White	White	White	White	White	White	White
Homogeneous	No	No	No	No	No	No	No	No	No	No

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint	x		x		x		x		x	
Tar										
Cellulose	2%	2%	2%	2%	1%	1%	2%	2%	1%	1%
Fiberglass	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%
Synthetic Fibers										
Other 1	Paper	Paper	Paper	Paper	Paper	Paper	Paper	Paper	Paper	Paper
Other 2										

Comments/ Method Departures	None	None	None	None	None	None	None	None	None	None
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Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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NVLAP Lab Code: 200548-0

Asbestos Laboratory Report, Page 14 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110733	1121110733 Sub-sample	1121110734	1121110735	1121110740	1121110741	1121110742	1121110743	1121110744	1121110745
Sample #	125	125.2	126	127	132	133	134	135	136	137
Asbestos	Yes	No	Yes	Yes	No	No	No	No	No	No
Total	<1%	N.D.	5%	3%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1° Type	<1% Chrysotile		5% Chrysotile	3% Chrysotile						
2° Type										
3° Type										
Location	1st Floor / 2nd Floor (All)	1st Floor / 2nd Floor (All)	2nd Floor (Electrical Rooms)	2nd Floor (Electrical Rooms)	2nd Floor HVAC Room	2nd Floor HVAC Room	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)

Material	Drywall & Mud Composition	Drywall	Vinyl Composite Tile	Vinyl Floor Mastic	Insulation	Insulation	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive
Notes	B23-7	B23-7	B24-1	B24-1	B25-1	B25-2	B26-1	B26-1	B26-2	B26-2
Color	White	White	Dark Brown	Black	White, Light- Gray, Golden Tan	White, Golden Tan, Tan	White, Black	Golden Amber	White, Black, Gray	Golden Amber
Homogeneous	No	No	Yes	No	No	No	Yes	No	Yes	No

Components:

Non-fibrous Material	x	x	x		x	x	x	x	x	x
Paint	x									
Tar				x						
Cellulose	2%	2%								
Fiberglass	2%	2%			20%	85%				
Synthetic Fibers										
Other 1	Paper	Paper								
Other 2										

Comments/ Method Departures	None	None	None	None	None	None	None	None	None	None
-----------------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

Various sample locations combined for composite purposes. *Not covered by NVLAP accreditation. Standard Deviation is ± 45.5% of asbestos concentration (1 Standard Deviation).



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Asbestos Laboratory Report, Page 15 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110746	1121110747	1121110747 Sub-sample	1121110748	1121110749	1121110750	1121110751	1121110752	1121110753	1121110753 Sub-sample
Sample #	138	139	139.1	140	141	142	143	144	145	145.1
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type

2° Type

3° Type

Location	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)	2nd Floor (West End) (Break Room)
----------	---	---	---	---	---	---	---	---	---	---

Material	Vinyl Composite Tile	Vinyl Tile Adhesive	Leveling Compound	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Leveling Compound
----------	-------------------------	------------------------	----------------------	-------------------------	------------------------	-------------------------	------------------------	-------------------------	------------------------	----------------------

Notes	B26-3	B26-3	B26-3	B27-1	B27-1	B27-2	B27-2	B27-3	B27-3	B27-3
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

Color	White, Black, Gray	Golden Amber	Gray	Green	Golden Tan	Green	Amber	Green	Amber	Gray
-------	-----------------------	--------------	------	-------	------------	-------	-------	-------	-------	------

Homogeneous	Yes	No	Yes	Yes	No	Yes	No	Yes	No	No
-------------	-----	----	-----	-----	----	-----	----	-----	----	----

Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar										
Cellulose										
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										

Comments/ Method Departures	None	None	None	None	None	None	None	None	None	None
-----------------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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NVLAP Lab Code: 200548-0

Asbestos Laboratory Report, Page 16 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
Attention: Sawyer Jones
2817-A Lafayette Avenue
Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
Los Alamitos, CA

	1121110754	1121110755	1121110756	1121110757	1121110758	1121110759	1121110760	1121110761	1121110762	1121110763
Sample #	146	147	148	149	150	151	152	153	154	155
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type										
2° Type										
3° Type										
Location	1st Floor (DFG)	1st Floor (DFG)	1st Floor (DFG)	1st Floor (DFG)	1st Floor (DFG)	1st Floor (DFG)	Roof	Roof	Roof	Roof

Material	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Vinyl Composite Tile	Vinyl Tile Adhesive	Roof Rock & Tar	Roof Rock & Tar	Roof Rock & Tar	Rolled Roofing Material
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Notes	B28-1	B28-1	B28-2	B28-2	B28-3	B28-3	B29-1	B29-2	B29-3	B30-1
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Color	Tan	Amber	Tan	Amber	Tan	Amber	Black	Black	Black	Black
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Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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Components:

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar							x	x	x	x
Cellulose	4%	2%	3%	2%	3%	1%	3%	5%	3%	2%
Fiberglass										10%
Synthetic Fibers										
Other 1	Mesh		Mesh		Mesh					
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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NVLAP Lab Code: 200548-0

Asbestos Laboratory Report, Page 17 of 17

California Water Boards ELAP Certificate 2723

Note: Stopped at First Positive on Samples: 45, 50, 51, 102, 108, 119.1, 126, 127

Customer: Frey Environmental
 Attention: Sawyer Jones
 2817-A Lafayette Avenue
 Newport Beach, CA 92626

Job Location: 4665 Lampson Avenue
 Los Alamitos, CA

	1121110764	1121110765	1121110766	1121110767	1121110768	1121110769
Sample #	156	157	158	159	160	161
Asbestos	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type
 2° Type
 3° Type

Location	Roof	Roof	Roof	Roof	Roof	Roof
Material	Rolled Roofing Material	Rolled Roofing Material	Rolled Roofing Material	Rolled Roofing Material	Rolled Roofing Material	Rolled Roofing Material

Notes	B30-2	B30-3	B30-4	B30-5	B30-6	B30-7
Color	Black	Black	Black	Black	Black	Black
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes

Notes	B30-2	B30-3	B30-4	B30-5	B30-6	B30-7
Color	Black	Black	Black	Black	Black	Black
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes

Components:

Non-fibrous Material	x	x	x	x	x	x				
Paint										
Tar	x	x	x	x	x	x				
Cellulose	<1%	2%	1%	2%	2%	<1%				
Fiberglass	15%	10%	10%	5%	7%	10%				
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None				
----------------------------	------	------	------	------	------	------	--	--	--	--

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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2211 W. Orangewood Ave.
Orange, CA 92868
Ph. (800) 665-7586 • Fax: (714) 937-0755
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Date Sampled: 11/8/21
Sampled By: S. Jones

P.O. #: 1103-04

Client: Frey Environmental, Inc.	Project Name: 4665 Lampson Ave
Contact Name: Sawyer Jones	Contact: Sawyer Jones
Address: 2817-A La Fayette Ave.	Address: 4665 Lampson Ave
City, State, Zip: Newport Beach, CA 92626	City, State, Zip: Los Alamitos, CA
Ph: 949-723-1645	Additional Info:
Fax: 949-723-1854	* NOTE Stop @ 1st Positive > 1%

Turnaround Time (T.A.T.)
Please see Key below

Same day Next day
 2 days 3-5 days
 6-10 days Other: _____

Procedure Requested

Non-viable Mold

Air Bulk
 Tape Lifts
 Surface Swabs

Viable Mold

Air Bulk
 Surface Swabs

Bacteria

Air Bulk Swab
 Sewage Screen
 Gram-staining
 Counts only

Asbestos Bulk
EPA 600-93/116


Asbestos PCM (Air)
NIOSH 7400

Lead

Paint chips Wipes Air
 Soil Other: _____

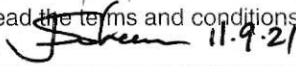
Other _____

ID	Lab ID	Location	Material	Sq/FT	Time On	Time Off	LPM	Media
B1-1,2,3		1st/2nd Fl. CT (2'x4')	CT		11211, 609, 610, 611			
B2-1,2,3		1st FL, W. Hall	FT/MS		612, 613, 614, 615, 616, 617			
B3-1,2,3		1st FL, W. Hall	FT/MS		618, 619, 620, 621, 622, 623			
B4-1,2,3		1st FL, W. Hall	FT/MS		624, 625, 626, 627, 628, 629			
B5-1,2,3		1st/2nd Fl. CT (1'x1')	CT		630, 631, 632			
B6-1,2,3		1st FL Maint off/Hall/Storage/2nd Fl	FT/MS		633, 634, 635, 636, 637, 638			
B7-1,2,3		1st FL Maint/Str/2nd FL/Att	FT/MS		639, 640, 641, 642, 643, 644			
B8-1,2,3		1st FL Maint/Str/2nd FL/Att	FT/MS		645, 646, 647, 648, 649, 650			
B9-1,2,3,4,5		1st FL / 2nd FL Ceilings	Fireproofing/ST		651, 652, 653, 654, 655, 656, 657			
B10-1,2,3		1st FL Server Room	FT/MS		658, 659, 660, 661, 662, 663			
B11-1,2,3		1st/2nd FL	CB/MS		664, 665, 666, 667, 668, 669			
B12-1,2,3		1st/2nd FL (2'x2')	CT		670, 671, 672, 673			
B13-1,2,3		1st/2nd FL	Cpt/MS	673	674, 675, 676			
B14-1,2,3		1st FL Break Rms	Ln/MS	676	677, 678, 679, 680, 681, 682			
B15-1,2,3		1st FL	CB/MS	682	683, 684, 685, 686, 687, 688			

Date	Time	*Samples Relinquished By	Samples Received By
11/9/21			VC 11/9/21 11:25am
			EE 11/9/21 1149

Turnaround Time (T.A.T.) Key and Definitions:
T.A.T. starts upon receipt and acceptance of samples by the laboratory.

Same day = samples must be received by lab before 2pm for same business day results
Next day = results provided by end of next business day
2 days = results provided by end of 2nd business day (e.g. received Mon., results by Wed.)
3-5 days = results provided by end of 5th business day or sooner
6-10 days = results provided by end of business day or sooner

*By signing above, Client acknowledges that he/she/it has read the terms and conditions on the reverse side hereof, and agrees to be bound thereby.  11.9.21

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 Orange, CA 92868
 Ph. (800) 665-7586 • Fax: (714) 937-0755
 www.envirocheckinc.com

Date Sampled: 11/8/21
 Sampled By: S. Jones

P.O. #: 1103-04

Client: Frey Environmental, Inc.
 Contact Name: Sawyer Jones (sawyerjones@freyinc.com)
 Address: 2817-A Lafayette Ave
 City, State, Zip: Newport Beach, CA 92626
 Ph: 949-723-1645
 Fax: 949-723-1854

Project Name: 4665 Lampson Ave
 Contact: Sawyer Jones
 Address: 4665 Lampson Ave
 City, State, Zip: Los Alamitos, CA
 Additional Info:
 * NOTE Stop @ 1st Passative > 1%

Turnaround Time (T.A.T.)
 Please see Key below

Same day Next day
 2 days 3-5 days
 6-10 days Other: _____

Procedure Requested

Non-viable Mold
 Air Bulk
 Tape Lifts
 Surface Swabs

Viable Mold
 Air Bulk
 Surface Swabs

Bacteria
 Air Bulk Swab
 Sewage Screen
 Gram-staining
 Counts only

Asbestos Bulk
 EPA 600-93/116

Asbestos PCM (Air)
 NIOSH 7400

Lead
 Paint chips Wipes Air
 Soil Other: _____

Other _____

ID	Lab ID	Location	Material	Sq/FT	Time On	Time Off	LPM	Media
B16-1,2,3		1st FL	CB/MS	1124, 1060, 610, 611, 688, 689, 690, 691, 692, 693, 694				
B17-1,2,3		1st FL / 2nd FL	CB/MS	612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650				
B18-1,2,3		1st/2nd FL	CA	618, 619, 620, 700, 701, 702, 703				
B19-1,2,3		1st FL (West Ed) (Copy Rm)	PT/MS	621, 622, 623, 624, 625, 626, 703, 704, 705, 706, 707, 708, 709				
B20-1,2,3		1st FL " (Brk Rm)	PT/MS	627, 628, 629, 630, 631, 632, 710, 711, 712, 713, 714, 715				
B21-1,2,3		1st FL " "	PT/MS	715, 716, 717, 718, 719, 720, 721				
B22-1,2,3		1st FL " (Elec. Rm)	PT/MS	721, 722, 723, 724, 725, 726, 727				
B23-1,2,3,4,5,6,7		1st/2nd FL (ALL)	DW/SL	727, 728, 729, 730, 731, 732, 733, 734				
B24-1,2,3		2nd FL (Elect Rm)	PT/MS	734, 735, 736, 737, 738, 739, 740				
B25-1,2		2nd FL HVAC Rm	TSE Exp.	740, 741, 742				
B26-1,2,3		2nd FL West Ed Brk Rm	PT/MS	742, 743, 744, 745, 746, 747, 748				
B27-1,2,3		"	PT/MS	748, 749, 750, 751, 752, 753, 754				
B28-1,2,3		1st FL (DFG)	LP/MS	754, 755, 756, 757, 758, 759, 760				
B29-1,2,3		Roof	Roof PRE	760, 761, 762, 763				
B30-1,2,3,4,5,6,7		Roof	Roofing	763, 764, 765, 766, 767, 768, 769, 770				

Date	Time	*Samples Relinquished By	Samples Received By
11/9/21			VC 11/9/21 11:25 am
			EG 11/9/21 1149

Turnaround Time (T.A.T.) Key and Definitions:
 T.A.T. starts upon receipt and acceptance of samples by the laboratory.
 Same day = samples must be received by lab before 2pm for same business day results
 Next day = results provided by end of next business day
 2 days = results provided by end of 2nd business day (e.g. received Mon., results by Wed.)
 3-5 days = results provided by end of 5th business day or sooner
 6-10 days = results provided by end of business day or sooner

*By signing above, Client acknowledges that he/she/it has read the terms and conditions on the reverse side hereof, and agrees to be bound thereby.

December 21, 2021

Project No. 21198-01

Mr. Matthew J. Waken
MW Investment Group, LLC
27702 Crown Valley Parkway, Suite D-4-197
Ladera Ranch, CA 92694

Subject: Preliminary Geotechnical Evaluation and Design Recommendations for Proposed Single-Family and Multi-Family Residential Development, 4665 Lampson Avenue, Los Alamitos, California

In accordance with your request and authorization, LGC Geotechnical, Inc. has performed a preliminary geotechnical evaluation for the proposed single-family and multi-family residential development located at 4665 Lampson Avenue in the City of Los Alamitos, California. The purpose of our study was to evaluate the existing onsite geotechnical conditions and to provide preliminary geotechnical recommendations relative to the proposed residential development.

Should you have any questions regarding this report, please do not hesitate to contact our office. We appreciate this opportunity to be of service.

Respectfully Submitted,

LGC Geotechnical, Inc.



Ryan Douglas, PE, GE 3147
Project Engineer



RLD/BPP/amm

Distribution: (1) Addressee (electronic copy)

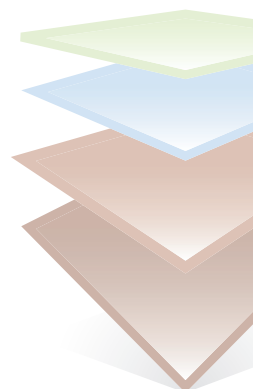


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1.0 INTRODUCTION

1.1 Purpose and Scope of Services

This report presents the results of our preliminary geotechnical evaluation for the proposed single-family and multi-family residential development located at 4665 Lampson Avenue in the City of Los Alamitos, California. Refer to the Site Location Map (Figure 1).

The purpose of our study was to provide a preliminary geotechnical evaluation relative to the proposed residential development. As part of our scope of work, we have: 1) reviewed available geotechnical background information including in-house regional geologic maps and published geotechnical literature pertinent to the site (Appendix A); 2) performed a limited subsurface geotechnical evaluation of the site consisting of the excavation of seven small-diameter borings ranging in depth from approximately 5 to 46.5 feet below existing ground surface; 3) performed two field infiltration tests; 4) performed laboratory testing of select soil samples obtained during our subsurface evaluation; and 5) prepared this preliminary geotechnical summary report presenting our findings, preliminary conclusions and recommendations for the development of the proposed residential project.

It should be noted that our evaluation and this report only address geotechnical issues associated with the site and do not address any environmental issues.

1.2 Project Description

Based on the preliminary site plan (KTTY, 2021), the proposed development includes the construction of 102 single-family residential lots and 90 affordable multi-family units. Proposed site improvements include a park and a series of internal streets. Design cuts and fills (not including required remedial grading) are anticipated to be on the order of 1 to 3 feet. The proposed building structures are anticipated to be relatively light-weight at-grade structures with maximum column and wall loads of approximately 30 kips and 2 kips per linear foot, respectively. Please note no grading plans or structural loads were provided to us at the time of this report.

The recommendations given in this report are based upon the estimated structural loading, grading and layout information above. We understand that the project plans are currently being developed at this time; LGC Geotechnical should be provided with updated project plans and any changes to structural loads when they become available, in order to either confirm or modify the recommendations provided herein. Additional field work and/or laboratory testing may be necessary.

1.3 Existing Conditions

The site is approximately 12 acres and is bound to the south by Lampson Avenue, to the east by a golf course, to the north by a park and to the west by vacant land. The site is currently occupied by the California Department of Fish and Wildlife with an associated parking lot and open space.

The site has minor relief, with the highest being the northern side of the site and gently slopes gently from north to south.

1.4 Background

Review of historical aerials indicates that the building and associated improvements were constructed after 1963, but prior to 1972 and remained relatively unchanged since (Historic Aerials, 2021). Aerial photos from 1952 and 1963 indicate the site was previously raw land.

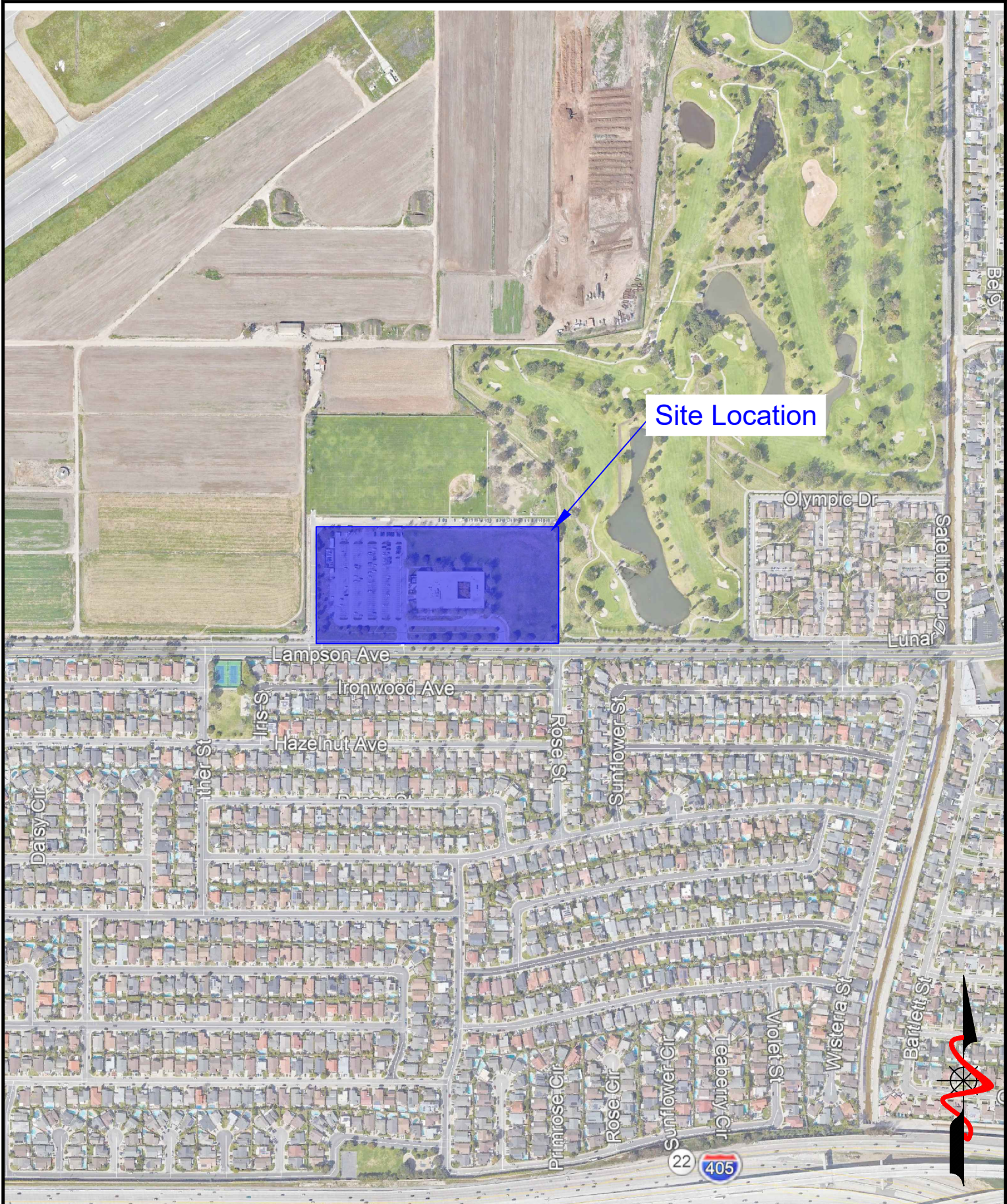


FIGURE 1
Site Location Map

PROJECT NAME	MWIG - Los Alamitos
PROJECT NO.	21198-01
ENG. / GEOL.	RLD
SCALE	Not to Scale
DATE	December 2021

1.5 Subsurface Geotechnical Evaluation

LGC Geotechnical performed a subsurface geotechnical evaluation of the site consisting of the excavation of five hollow-stem auger borings and two hand-auger borings to evaluate onsite geotechnical conditions.

Five hollow-stem borings (HS-1 through HS-3, I-1, and I-2) were drilled to depths ranging from approximately 5 to 46.5 feet below existing grade. An LGC Geotechnical staff engineer observed the drilling operations, logged the borings, and collected soil samples for laboratory testing. The borings were excavated by Cal Pac Drilling, Inc. under subcontract to LGC Geotechnical using a truck-mounted drill rig equipped with 6 and 8-inch-diameter hollow-stem augers. Driven soil samples were collected by means of the Standard Penetration Test (SPT) and Modified California Drive (MCD) sampler generally obtained at 2.5 to 5-foot vertical increments. The MCD is a split-barrel sampler with a tapered cutting tip and lined with a series of 1-inch-tall brass rings. The SPT sampler (1.4-inch ID) and MCD sampler (2.4-inch ID, 3.0-inch OD) were driven using a 140-pound automatic hammer falling 30 inches to advance the sampler a total depth of 18 inches. The raw blow counts for each 6-inch increment of penetration were recorded on the boring logs. Bulk samples of the near-surface soils were also collected and logged at select borings for laboratory testing. At the completion of drilling, the borings were backfilled with the native soil cuttings and tamped. Some settlement of the backfill soils may occur over time.

Two hand auger borings (HA-1 and HA-2) were excavated to approximately 5 feet below the existing surface, sampled, logged, and backfilled. The approximate locations of our hand auger borings are presented on our Boring Location Map (Figure 2). The boring logs are presented in Appendix B.

Infiltration testing was performed within two of the borings (I-1 and I-2) to depths of approximately 5 feet below existing grade. An LGC Geotechnical geologist installed standpipes, backfilled the borings with crushed rock and pre-soaked the infiltration holes prior to testing. Infiltration testing was performed per the County of Orange testing guidelines. Standpipes were removed and the locations were subsequently backfilled with native soils at the completion of testing. Some settlement of the backfill soils may occur over time.

The approximate locations of our subsurface explorations are provided on the Boring Location Map (Figure 2). The boring logs are provided in Appendix B.

1.6 Laboratory Testing

Representative bulk and driven (relatively undisturbed) samples were obtained for laboratory testing during our field evaluation. Laboratory testing included in-situ moisture content and in-situ dry density, fines content, Atterberg Limits, expansion index, consolidation, direct shear, laboratory compaction and corrosion (sulfate, chloride, pH and minimum resistivity).

The following is a summary of the laboratory test results:

- Dry density of the samples collected ranged from approximately 87 pounds per cubic foot (pcf) to 111 pcf, with an average of 99 pcf. Field moisture contents ranged from approximately 9 to 35 percent, with an average of 25 percent.

- Two fines content tests were performed and indicated a fines content (passing No. 200 sieve) of approximately 15 and 16.5 percent. Based on the Unified Soils Classification System (USCS), the tested samples would be classified as “coarse-grained.”
- Four Atterberg Limit (liquid limit and plastic limit) tests were performed. Results indicated a Plasticity Index (PI) value ranging from 12 to 24.
- Two consolidation tests were performed. The load versus deformation plots are provided in Appendix C.
- One remolded direct shear test was performed. The plot is provided in Appendix C.
- One laboratory compaction test of a near surface sample indicated a maximum dry density of 116.0 pcf with an optimum moisture content of 13.0 percent.
- Two Expansion potential tests were performed and indicated an expansion index value of 30 and 32, corresponding to “Low” expansion potential.
- Corrosion testing indicated soluble sulfate contents ranging from approximately 0.032 to 0.254 percent, a chloride content ranging from 140 to 600 parts per million (ppm), pH of 8.92, and a minimum resistivity of 210 ohm-centimeters.

A summary of the laboratory test results is presented in Appendix C. The moisture and dry density results are presented on the boring logs in Appendix B.

2.0 GEOTECHNICAL CONDITIONS

2.1 Geologic Conditions

The subject site is located within the Orange County coastal plain, more generally located on the broad southern margin of the Los Angeles Basin. The site is located more specifically within the Santa Ana River drainage basin, and it is underlain at depth by poorly consolidated alluvial sediments mapped as Quaternary Young Alluvial Fan deposits "Unit 2" (Qya₂) (USGS, 2016).

2.2 Site-Specific Geology

Based on the results of our subsurface investigation, the site is underlain by a thin veneer of topsoil and older artificial fill over young alluvial deposits of Holocene age, per regional geologic mapping (USGS, 2016). The materials are described on the boring logs presented in Appendix B.

The young alluvial sediments encountered during our subsurface exploration generally consist of interbedded layers of gray and brown, silty clay, clay, silty sand, and clayey sand. The materials were observed to be very moist to wet with depth, soft to very stiff and medium dense to dense.

2.3 Groundwater

Groundwater was encountered in three of our borings (HS-1 through HS-3) at depths of approximately 11 to 13 feet below existing grade. Additionally, historic high groundwater is estimated to be about 10 feet below existing grade (CDMG, 1998). The location and approximate depth of groundwater is summarized in Table 1 below.

TABLE 1

Groundwater Summary

Boring Number	Total Drilled Depth of Boring (ft)	Groundwater Depth Below Existing Grade (ft)
HS-1	21.5	13
HS-2	46.5	11.5
HS-3	21.5	11

Seasonal fluctuations of groundwater elevations should be expected over time. In general, groundwater levels fluctuate with the seasons and local zones of perched groundwater may be present due to local seepage caused by irrigation and/or recent precipitation. Local perched groundwater conditions or surface seepage may develop once site development is completed.

2.4 Field Infiltration Testing

Two field percolation tests were performed in locations and depths per the direction of the project civil engineer, the location is depicted on Figure 2 – Boring Location Map. Test well installation consisted of placing a 3-inch diameter perforated PVC pipe in the excavated 8-inch diameter borehole and backfilling the annulus with crushed rock including the placement of approximately 2 inches of crushed rock at the bottom of the borehole. The infiltration test wells were presoaked the day of installation and testing took place within 24 hours of presoaking. During the pre-test, the water level was observed to drop less than 6 inches in 25 minutes for two consecutive readings. Therefore, the test procedure for fine-grained soils or “slow test” was followed. Test well installation and the estimation of infiltration rates were accomplished in general accordance with the guidelines set forth by the County of Orange (2013). In general, three-dimensional flow out of the test well (*percolation*), as observed in the field, is mathematically reduced to one-dimensional flow out of the bottom of the test well (*infiltration*). Infiltration tests are performed using relatively clean water, free of particulates, silt, etc. The results of our recent field infiltration testing are presented in Appendix D and summarized below.

TABLE 2

Summary of Field Infiltration Testing

Infiltration Test Identification	Approx. Depth Below Existing Grade (ft)	Observed Infiltration Rate* (in./hr.)
I-1	5	0.03
I-2	5	0.04

*Observed Infiltration Rates Do Not Include Factor of Safety.

The tested infiltration rates provided in this report are considered a general representation of the infiltration rates at the location of the proposed infiltration boring. Please note, the testing of infiltration rates is highly dependent upon the materials encountered at the point of testing (i.e., location and depth of testing). Varying subsurface conditions may exist outside of the test location which could alter the calculated infiltration rate. Please refer to Section 4.7 for subsurface water infiltration recommendations.

2.5 Seismic Design Criteria

The site seismic characteristics were evaluated per the guidelines set forth in Chapter 16, Section 1613 of the 2019 California Building Code (CBC). Since the site contains soils that are susceptible to liquefaction (refer to below Section “Liquefaction and Dynamic Settlement”), ASCE 7-16 which has been adopted by the CBC requires that site soils be assigned Site Class “F” and a site-specific response spectrum be performed. However, in accordance with Section 20.3.1 of ASCE 7-16, if the fundamental periods of vibration of the planned structure are equal to or less than 0.5 second, a site-specific response spectrum is not required and ASCE 7-16/2019 CBC site class and seismic parameters may be used in lieu of a site-specific response

spectrum. It should be noted that the seismic parameters provided herein are not applicable for any structure having a fundamental period of vibration greater than 0.5 second. **Please note that the following seismic parameters are only applicable for code-based acceleration response spectra and are not applicable for where site-specific ground motion procedures are required by ASCE 7-16.** Representative site coordinates of latitude 33.7815 degrees north and longitude -118.0510 degrees west were utilized in our analyses. The maximum considered earthquake (MCE) spectral response accelerations (S_{MS} and S_{M1}) and adjusted design spectral response acceleration parameters (S_{DS} and S_{D1}) for Site Class D are provided in Table 3 below. The structural designer should contact the geotechnical consultant if structural conditions (e.g., number of stories, seismically isolated structures, etc.) require site-specific ground motions.

TABLE 3
Seismic Design Parameters

Selected Parameters from 2019 CBC, Section 1613 - Earthquake Loads	Seismic Design Values	Notes/Exceptions
Distance to applicable faults classifies the site as a "Near-Fault" site.		Section 11.4.1 of ASCE 7
Site Class	D*	Chapter 20 of ASCE 7
S_s (Risk-Targeted Spectral Acceleration for Short Periods)	1.467g	From SEAOC, 2021
S_1 (Risk-Targeted Spectral Accelerations for 1-Second Periods)	0.524g	From SEAOC, 2021
F_a (per Table 1613.2.3(1))	1.000	For Simplified Design Procedure of Section 12.14 of ASCE 7, F_a shall be taken as 1.4 (Section 12.14.8.1)
F_v (per Table 1613.2.3(2))	1.776	Value is only applicable per requirements/exceptions per Section 11.4.8 of ASCE 7
S_{MS} for Site Class D [Note: $S_{MS} = F_a S_s$]	1.467g	-
S_{M1} for Site Class D [Note: $S_{M1} = F_v S_1$]	0.931g	Value is only applicable per requirements/exceptions per Section 11.4.8 of ASCE 7
S_{DS} for Site Class D [Note: $S_{DS} = (\frac{2}{3})S_{MS}$]	0.978g	-
S_{D1} for Site Class D [Note: $S_{D1} = (\frac{2}{3})S_{M1}$]	0.620g	Value is only applicable per requirements/exceptions per Section 11.4.8 of ASCE 7
C_{RS} (Mapped Risk Coefficient at 0.2 sec)	0.908	ASCE 7 Chapter 22
C_{R1} (Mapped Risk Coefficient at 1 sec)	0.913	ASCE 7 Chapter 22
*Since site soils are Site Class D and S_1 is greater than or equal to 0.2, the seismic response coefficient C_s is determined by Eq. 12.8-2 for values of $T \leq 1.5T_s$ and taken equal to 1.5 times the value calculated in accordance with either Eq. 12.8-3 for $T_L \geq T > T_s$, or Eq. 12.8-4 for $T > T_L$. Refer to ASCE 7-16.		

Section 1803.5.12 of the 2019 CBC (per Section 11.8.3 of ASCE 7) states that the maximum considered earthquake geometric mean (MCE_G) Peak Ground Acceleration (PGA) should be used for liquefaction potential. The PGA_M for the site is equal to 0.696g (SEAOC, 2021).

A deaggregation of the PGA based on a 2,475-year average return period indicates that an earthquake magnitude of 6.8 at a distance of approximately 10.6 km from the site would contribute the most to this ground motion (USGS, 2014).

2.6 Faulting

Prompted by damaging earthquakes in Northern and Southern California, State legislation and policies concerning the classification and land-use criteria associated with faults have been developed. Their purpose was to prevent the construction of urban developments across the trace of active faults, resulting in the Alquist-Priolo Earthquake Fault Zoning Act. Earthquake Fault Zones have been delineated along the traces of active faults within California. Where developments for human occupation are proposed within these zones, the state requires detailed fault evaluations be performed so that engineering geologists can mitigate the hazards associated with active faulting by identifying the location of active faults and allowing for a setback from the zone of previous ground rupture.

The subject site is not located within a State of California Earthquake Fault Zone (Alquist-Priolo) and no faults were identified on the site during our site evaluation (CGS, 2018). The possibility of damage due to ground rupture is considered low since no active faults are known to cross the site. The closest known active faults to the subject site are the Newport-Inglewood, Puente Hills, Palos Verdes and Elsinore Fault Zones (USGS 2016).

Secondary effects of seismic shaking resulting from large earthquakes on the major faults in the Southern California region, which may affect the site, include ground lurching and shallow ground rupture, soil liquefaction, and dynamic settlement. These secondary effects of seismic shaking are a possibility throughout the Southern California region and are dependent on the distance between the site and causative fault and the onsite geology. A discussion of these secondary effects is provided in the following sections.

2.6.1 Liquefaction and Dynamic Settlement

Liquefaction is a seismic phenomenon in which loose, saturated, granular soils behave similarly to a fluid when subject to high-intensity ground shaking. Liquefaction occurs when three general conditions coexist: 1) shallow groundwater; 2) low density non-cohesive (granular) soils; and 3) high-intensity ground motion. Studies indicate that saturated, loose near-surface cohesionless soils exhibit the highest liquefaction potential, while dry, dense, cohesionless soils and cohesive soils exhibit low to negligible liquefaction potential. In general, cohesive soils are not considered susceptible to liquefaction, depending on their plasticity and moisture content (Bray & Sancio, 2006). Effects of liquefaction on level ground include settlement, sand boils, and bearing capacity failures below structures. Dynamic settlement of dry loose sands can occur as the sand particles tend to settle and densify as a result of a seismic event.

Based on our review of the State of California Seismic Hazard Zone for liquefaction potential (CDMG, 1999), the site is located within a liquefaction hazard zone. Subsurface field data indicates that the site contains isolated sandy layers susceptible to liquefaction interfingering with fine-grained non-liquefiable soils and dense sands. The recent explored groundwater elevation of 11 feet below existing grade and historic high groundwater elevation of 10 feet below existing grade were both used in the liquefaction analysis. Liquefaction potential was evaluated using the procedures outlined by Special Publication 117A (SCEC, 1999 & CGS, 2008) and the applicable seismic criteria (e.g., 2019 CBC). Liquefaction induced settlement was estimated using the PGA_M per the 2019 CBC and a moment magnitude of 6.80 (USGS, 2014).

Results indicate total seismic settlement on the order of 2 inches. Differential seismic settlement can be estimated as half of the total estimated seismic settlement over a horizontal span of about 40 feet. This can be mitigated using a post-tensioned slab and interconnecting isolated pad footings with grade beams.

2.6.2 Liquefaction Surface Effects

Liquefaction induced surface effects, such as sand boils, can occur when shallow liquefiable soil layers trigger during a seismic event and are not contained deep enough below a non-liquefiable cap (i.e., non-liquefiable soils such as artificial fill or fine-grained soil). Based on analysis of the subsurface data, surface effects due to liquefaction are not anticipated to significantly affect the proposed surface improvements.

2.6.3 Lateral Spreading

Lateral spreading is a type of liquefaction-induced ground failure associated with the lateral displacement of surficial blocks of sediment resulting from liquefaction in a subsurface layer. Once liquefaction transforms the subsurface layer into a fluid mass, gravity plus the earthquake inertial forces may cause the mass to move downslope towards a free face (such as a river channel or an embankment). Lateral spreading may cause large horizontal displacements and such movement typically damages pipelines, utilities, bridges, and structures.

Due to the lack of a nearby “free face” condition and non-continuous nature of the subsurface layers, the potential for lateral spreading is considered very low.

2.7 Static Settlement

Although no grading plans were available during the preparation of this report, the subject site is sensitive to static settlement and grade changes. Static settlement would be induced by raising the planned grades and subjecting the new grades to building loads. Moderate increases in grades up to approximately 2 to 3 feet are estimated at this time.

The underlying soils were found to be generally stiff to very stiff silts and clays. Based on laboratory test data consisting of in-situ moisture content, consolidation tests, and blow counts,

fine-grained soils are considered generally normally consolidated. Based upon in-situ testing, visual examination, lab data, geotechnical evaluation and the proposed corrective grading and fill placement recommendations, static settlement induced by raising grades 1 to 3 feet is estimated to be on the order of 1-inch. LGC Geotechnical should be provided with the grading plans to for review to confirm or modify the recommendations for static settlement.

2.8 Expansion Potential

Based on the results of our laboratory testing, site soils are anticipated to have a “Low” expansion potential. Final expansion potential of site soils should be determined at the completion of grading. Results of expansion testing at finish grades will be utilized to confirm final foundation design.

3.0 CONCLUSIONS

Based on the results of our geotechnical evaluation, it is our opinion that the proposed development is feasible from a geotechnical standpoint, provided the following conclusions and recommendations are implemented.

The following is a summary of the primary geotechnical factors that may affect future development of the site:

- In general, our borings indicate the site is underlain by young alluvial fan deposits to the maximum explored depth of approximately 46.5 feet below existing grade. The material consists of clay, clayey sand, silty clay, and silty sand. The material was observed to be very moist to wet with depth and soft to stiff and medium dense to dense.
- Groundwater was encountered during our subsurface evaluation at depths of approximately 11 to 13 feet below existing grade. Historic high groundwater is estimated to be about 10 feet below existing grade (CDMG, 1998).
- The subject site is not located within a State of California Earthquake Fault Zone (Alquist-Priolo). The main seismic hazard that may affect the site is ground shaking from one of the active regional faults. The subject site will likely experience strong seismic ground shaking during its design life.
- Site soils are considered susceptible to liquefaction. The site is located in a State of California Seismic Hazard Zone for liquefaction (CDMG, 1999). Total seismic settlement is estimated to be on the order of 2.0 inches. Differential seismic settlement can be estimated at half of the total seismic settlement over a horizontal span of 40 feet for design of foundations.
- Based on the results of preliminary laboratory testing, site soils are anticipated to have “Low” expansion potential. Mitigation measures are required for foundations and site improvements like concrete flatwork to minimize the impacts of expansive site soils. Final design expansion potential must be determined at the completion of grading.
- Pre-soaking of the subgrade for building slabs will be required due to site expansive soils. The duration of this process varies greatly based on the chosen method and is also dependent on factors such as soil type and weather conditions. Time duration for presoaking from completion of rough grading to trenching of foundations should be accounted for in the construction schedule (typically 1 to 2 weeks).
- From a geotechnical perspective, the existing onsite soils are suitable material for use as general fill (not retaining wall backfill), provided that they are relatively free from rocks (larger than 8 inches in maximum dimension), construction debris, and significant organic material.
- The site contains soils that are not suitable for retaining wall backfill due to their fines content and expansion potential, therefore import of sandy soils will be required by the contractor for obtaining suitable backfill soil for planned site retaining walls.
- Excavations into the existing site soils should be feasible with heavy construction equipment in good working order.
- Due to the relatively shallow site groundwater (about 11 feet below existing ground surface) and soils above the groundwater table with high moisture contents, dewatering or stabilization of subgrade for removal bottoms or deep utility trenches may be locally required, prior to subsequent fill placement.

4.0 PRELIMINARY RECOMMENDATIONS

The following recommendations are to be considered preliminary and should be confirmed upon completion of grading and earthwork operations. In addition, they should be considered minimal from a geotechnical viewpoint, as there may be more restrictive requirements from the architect, structural engineer, building codes, governing agencies, or the owner.

It should be noted that the following geotechnical recommendations are intended to provide sufficient information to develop the site in general accordance with the 2019 CBC requirements. With regard to the potential occurrence of potentially catastrophic geotechnical hazards such as fault rupture, earthquake-induced landslides, liquefaction, etc. the following geotechnical recommendations should provide adequate protection for the proposed development to the extent required to reduce seismic risk to an “acceptable level.” The “acceptable level” of risk is defined by the California Code of Regulations as “that level that provides reasonable protection of the public safety, though it does not necessarily ensure continued structural integrity and functionality of the project” [Section 3721(a)]. Therefore, repair and remedial work of the proposed improvements may be required after a significant seismic event. With regards to the potential for less significant geologic hazards to the proposed development, the recommendations contained herein are intended as a reasonable protection against the potential damaging effects of geotechnical phenomena such as expansive soils, fill settlement, groundwater seepage, etc. It should be understood, however, that although our recommendations are intended to maintain the structural integrity of the proposed development and structures given the site geotechnical conditions, they cannot preclude the potential for some cosmetic distress or nuisance issues to develop as a result of the site geotechnical conditions.

The geotechnical recommendations contained herein must be confirmed to be suitable or modified based on the actual as-graded conditions.

4.1 Site Earthwork

We anticipate that earthwork at the site will consist of demolition of the existing site improvements, required earthwork removals, subgrade preparation, precise grading and construction of the proposed new improvements, including the residential structures, neighborhood amenities, subsurface utilities, interior streets, etc.

We recommend that earthwork onsite be performed in accordance with the following recommendations, future grading plan review report(s), the 2019 CBC/City of Los Alamitos grading requirements, and the General Earthwork and Grading Specifications included in Appendix E. In case of conflict, the following recommendations shall supersede those included in Appendix E. The following recommendations should be considered preliminary and may be revised based upon future evaluation and review of the project plans and/or based on the actual conditions encountered during site grading/construction.

4.1.1 Site Preparation

Prior to grading of areas to receive structural fill or engineered improvements, the areas should be cleared of existing building structures, asphalt, surface obstructions, and

demolition debris. Vegetation and debris should be removed and properly disposed of off-site. Holes resulting from the removal of buried obstructions, which extend below proposed finish grades, should be replaced with suitable compacted fill material. Any abandoned sewer or storm drain lines should be completely removed and replaced with properly placed compacted fill. Deeper demolition may be required in order to remove existing foundations. We recommend the trenches associated with demolition which extend below the remedial grading depth of 5 feet be backfilled and properly compacted prior to the demolition contractor leaving the site.

If cesspools or septic systems are encountered, they should be removed in their entirety. The resulting excavation should be backfilled with properly compacted fill soils. As an alternative, cesspools can be backfilled with lean sand-cement slurry. Any encountered wells should be properly abandoned in accordance with regulatory requirements. At the conclusion of the clearing operations, a representative of LGC Geotechnical should observe and accept the site prior to further grading.

4.1.2 Removal and Recomposition Depths and Limits

In order to provide a relatively uniform bearing condition for the planned residential building pads and improvements, we recommend the site soils be removed and recompacted according to the criteria outlined below.

Building Pads: We recommend that soils within building pads be removed and recompacted to a minimum depth of 5 feet below existing grade or 3 feet below the base of the foundations, whichever is deeper. Where space is available, the envelope for removal and recompaction should extend laterally a minimum distance equal to the depth of removal and recompaction below finish grade or 5 feet beyond the edges of the proposed building improvements, whichever is larger.

Minor Site Structures: For minor site structures such as free-standing walls, retaining walls, etc., removal and recompaction should extend at least 3 feet below existing grade or 2 feet below the base of foundations, whichever is deeper. Where space is available, the envelope for removal and recompaction should extend laterally a minimum distance of 3 feet beyond the edges of the proposed minor site structure improvements.

Pavement and Hardscape: Within pavement and hardscape areas, removal and recompaction should extend to a depth of at least 2 feet below the existing grade or 1-foot below finished subgrade (i.e., below planned aggregate base/asphalt concrete), whichever is deeper. In general, the envelope for removal and recompaction should extend laterally a minimum distance of 2 feet beyond the edges of the proposed pavement and hardscape improvements.

Based on our findings, the recommended removal and recompaction depths may extend to a depth in the proximity of the anticipated groundwater table and through clayey soils with high moisture contents. Care should be taken in order to avoid creating an unstable removal bottom during grading. Recommendations for subgrade stabilization are included in Section 4.1.4.

Local conditions may be encountered during excavation that could require additional over-excavation beyond the above noted minimum in order to obtain an acceptable subgrade. The actual depths and lateral extents of grading will be determined by the geotechnical consultant, based on subsurface conditions encountered during grading. Removal areas and areas to be over-excavated should be accurately staked in the field by the Project Surveyor.

4.1.3 Temporary Excavations

Temporary excavations should be performed in accordance with project plans, specifications, and all Occupational Safety and Health Administration (OSHA) requirements. Excavations should be laid back or shored in accordance with OSHA requirements before personnel or equipment are allowed to enter. Based on our field investigation, the majority of site soils are anticipated to be OSHA Type "B" soils (refer to the attached boring logs). Minor amounts of sandy soils are present and should be considered susceptible to caving. Soil conditions should be regularly evaluated during construction to verify conditions are as anticipated. The contractor shall be responsible for providing the "competent person" required by OSHA standards to evaluate soil conditions. Close coordination with the geotechnical consultant should be maintained to facilitate construction while providing safe excavations. Excavation safety is the sole responsibility of the contractor.

Vehicular traffic, stockpiles, and equipment storage should be set back from the perimeter of excavations a minimum distance equivalent to a 1:1 projection from the bottom of the excavation or 5 feet, whichever is greater, unless the cut is shored and designed for applicable surcharge load. Once an excavation has been initiated, it should be backfilled as soon as practical. Prolonged exposure of temporary excavations may result in some localized instability. Excavations should be planned so that they are not initiated without sufficient time to shore/fill them prior to weekends, holidays, or forecasted rain.

It should be noted that any excavation that extends below a 1:1 (horizontal to vertical) projection of an existing foundation will remove existing support of the structure foundation. If requested, temporary shoring parameters will be provided.

4.1.4 Removal Bottoms and Subgrade Preparation

In general, removal bottoms, over-excavation bottoms and areas to receive compacted fill should be scarified to a minimum depth of 6 inches, brought to a near-optimum moisture condition (generally within optimum and 2 percent above optimum moisture content), and re-compacted per project recommendations.

Based on the presence of shallow groundwater, shallow soils with very high moisture contents, and the potential to encounter very moist/wet alluvial materials near/at the estimated removal bottoms and deep utility trenches, some of the removal bottoms are anticipated to be wet and unstable. Pumping subgrade is possible. We recommend all wet/unstable removal bottoms and pumping subgrade be stabilized by the placement

and “working in” of 1 to 3-inch nominal diameter crushed aggregate or an approved alternate stabilization method. Based on our experience with similar projects, we anticipate the thickness of crushed rock (stabilization aggregate) needed to stabilize the removal bottoms will be on the order to 6 to 18 inches thick. The actual thickness of aggregate required to stabilize the excavation bottom shall be determined in the field based on the actual conditions and equipment used. It should be anticipated that the first lift of crushed aggregate will be worked into the pumping subgrade. Subsequent lifts should be properly compacted and will help bridge the pumping conditions. Thickness of required aggregate stabilization may be reduced by placing a layer of biaxial geogrid reinforcement (e.g., Tensar TX140 or acceptable equivalent) directly on the subgrade prior to aggregate base placement. The contractor may have to minimize construction traffic on the removal bottom to reduce disturbance. Soft and yielding subgrade should be evaluated on a case-by-case basis during earthwork operations.

Removal bottoms, over-excavation bottoms and areas to receive fill should be observed and accepted by the geotechnical consultant prior to subsequent fill placement. Soil subgrade for planned footings and improvements (e.g., slabs, etc.) should be firm and competent.

4.1.5 Material for Fill

From a geotechnical perspective, the onsite soils are generally considered suitable for use as general compacted fill, provided they are screened of organic materials, construction debris and oversized material (8 inches in greatest dimension).

From a geotechnical viewpoint, any required import soils for general fill (i.e., non-retaining wall backfill) should consist of soils of “Very Low” to “Low” expansion potential (expansion index 50 or less based on American Society for Testing and Materials [ASTM] D 4829), and free of organic materials, construction debris and any material greater than 3 inches in maximum dimension. Import for any required retaining wall backfill should meet the criteria outlined in the following paragraph. Source samples should be provided to the geotechnical consultant for laboratory testing a minimum of four working days prior to any planned importation.

The onsite soils are not suitable for retaining wall backfill due to their fines content and expansion index; therefore, import of soils will be required by the contractor for obtaining suitable retaining wall backfill soil. These preliminary findings will be confirmed during grading. Retaining wall backfill should consist of imported sandy soils with a maximum of 35 percent fines (passing the No. 200 sieve) per ASTM Test Method D1140 (or ASTM D6913/D422) and a “Very Low” expansion potential (EI of 20 or less per ASTM D4829). Soils should also be screened of organic materials, construction debris, and any material greater than 3 inches in maximum dimension.

Aggregate base (crushed aggregate base or crushed miscellaneous base) should conform to the requirements of Section 200-2 of the most recent version of the Standard Specifications for Public Works Construction (“Greenbook”) for untreated base materials (except processed miscellaneous base) and/or City of Los Alamitos requirements.

The placement of demolition materials in compacted fill is acceptable from a geotechnical viewpoint provided the demolition material is broken up into pieces not larger than typically used for aggregate base (approximately 1-inch in maximum dimension) and well blended into fill soils with essentially no resulting voids. Demolition material placed in fills must be free of construction debris (wood, organics, etc.) and reinforcing steel. If asphalt concrete fragments will be incorporated into the demolition materials, approval from an environmental viewpoint may be required and is not the purview of the geotechnical consultant. From our previous experience, we recommend that asphalt concrete fragments be limited to fill areas within planned street areas (i.e., not within building pad areas).

4.1.6 Placement and Compaction of Fills

Material to be placed as fill should be brought to near-optimum moisture content (generally within optimum and 2 percent above optimum moisture content) and recompacted to at least 90 percent relative compaction (per ASTM D1557). Moisture conditioning of site soils will be required in order to achieve adequate compaction. Significant drying and or mixing of very moist soils will be required prior to reusing the materials in compacted fills.

The optimum lift thickness to produce a uniformly compacted fill will depend on the type and size of compaction equipment used. In general, fill should be placed in uniform lifts not exceeding 8 inches in compacted thickness. Each lift should be thoroughly compacted and accepted prior to subsequent lifts. Generally, placement and compaction of fill should be performed in accordance with local grading ordinances and with observation and testing performed by the geotechnical consultant. Oversized material as previously defined should be removed from site fills.

During backfill of excavations, the fill should be properly benched into firm and competent soils of temporary backcut slopes as it is placed in lifts.

Aggregate base material should be compacted to at least 95 percent relative compaction at or slightly above optimum moisture content per ASTM D1557. Subgrade below aggregate base should be compacted to at least 90 percent relative compaction per ASTM D1557 at near-optimum moisture content (generally within optimum and 2 percent above optimum moisture content).

If gap-graded $\frac{3}{4}$ -inch rock is used for backfill (around storm drain storage chambers, retaining wall backfill, etc.) it will require compaction. Rock shall be placed in thin lifts (typically not exceeding 6 inches) and mechanically compacted with observation by geotechnical consultant. Backfill rock shall meet the requirements of ASTM D2321. Gap-graded rock is required to be wrapped in filter fabric (Mirafi 140N or approved alternative) to prevent the migration of fines into the rock backfill.

4.1.7 Trench and Retaining Wall Backfill and Compaction

The onsite soils may generally be suitable as trench backfill, provided the soils are screened of rocks and other material greater than 6 inches in diameter and organic

matter. If trenches are shallow or the use of conventional equipment may result in damage to the utilities, sand having a sand equivalent (SE) of 30 or greater (per California Test Method [CTM] 217) may be used to bed and shade the pipes. Based on our field evaluation, onsite soils will not meet this sand equivalent requirement. Sand backfill within the pipe bedding zone may be densified by jetting or flooding and then tamping to ensure adequate compaction. Subsequent trench backfill should be compacted in uniform thin lifts by mechanical means to at least the recommended minimum relative compaction (per ASTM D1557).

Retaining wall backfill should consist of sandy soils as outlined in preceding Section 4.1.5. The limits of select sandy backfill should extend at minimum $\frac{1}{2}$ the height of the retaining wall or the width of the heel (if applicable), whichever is greater (Figure 3). Retaining wall backfill soils should be compacted in relatively uniform thin lifts to at least 90 percent relative compaction (per ASTM D1557). Jetting or flooding of retaining wall backfill materials should not be permitted.

In backfill areas where mechanical compaction of soil backfill is impractical due to space constraints, typically sand-cement slurry may be substituted for compacted backfill. The slurry should contain about one sack of cement per cubic yard. When set, such a mix typically has the consistency of compacted soil. Sand cement slurry placed near the surface within landscape areas should be evaluated for potential impacts on planned improvements.

A representative from LGC Geotechnical should observe, probe, and test the backfill to verify compliance with the project recommendations.

4.1.8 Shrinkage and Subsidence

Allowance in the earthwork volumes budget should be made for an estimated 5 to 15 percent reduction in volume of near-surface (upper approximate 5 feet) soils. It should be stressed that these values are only estimates and that an actual shrinkage factor would be extremely difficult to predetermine. Subsidence, due to earthwork operations, is expected to be on the order of 0.1 feet. These values are estimates only and exclude losses due to removal of any vegetation or debris. The effective shrinkage of onsite soils will depend primarily on the type of compaction equipment and method of compaction used onsite by the contractor and accuracy of the topographic survey.

4.2 Preliminary Foundation Recommendations

Provided that the remedial grading recommendations provided herein are implemented, the site may be considered suitable for the support of the residential structures using a post-tensioned foundation system designed to resist the impacts of expansive soils and liquefaction induced differential settlement. Due to seismic settlement potential, we recommend isolated pad footings be interconnected with grade beams. The foundations designer should verify the foundation can accommodate the estimated settlement and differential settlement.

Site soils are anticipated to be “Low” expansion potential (EI of 50 or less per ASTM D4829) and special design considerations from a geotechnical perspective are required. Please note that the following foundation recommendations are preliminary and must be confirmed by LGC Geotechnical at the completion of grading. Recommended soil bearing and estimated settlement due to structural loads are provided in Section 4.3.

4.2.1 Provisional Post-Tensioned Foundation Design Parameters

The geotechnical parameters provided herein may be used for post-tensioned slab foundations. These parameters have been determined in general accordance with the Post-Tensioning Institute (PTI, 2012) Standard Requirements (PTI DC 10.5), referenced in Chapter 18 of the 2019 CBC. In utilizing these parameters, the foundation engineer should design the foundation system in accordance with the allowable deflection criteria of applicable codes and the requirements of the structural designer/architect. Other types of stiff slabs may be used in place of the CBC post-tensioned slab design provided that, in the opinion of the foundation structural designer, the alternative type of slab is at least as stiff and strong as that designed by the CBC/PTI method to resist expansive soils.

Our design parameters are based on our experience with similar residential projects and the anticipated nature of the soil (with respect to expansion potential). Please note that implementation of our recommendations will not eliminate foundation movement (and related distress) should the moisture content of the subgrade soils fluctuate. It is the intent of these recommendations to help maintain the integrity of the proposed structures and reduce (not eliminate) movement, based upon the anticipated site soil conditions. Should future owners not properly maintain the areas surrounding the foundation, for example by overwatering, then we anticipate for highly expansive soils the maximum differential movement of the perimeter of the foundation to the center of the foundation to be on the order of a couple of inches. Soils of lower expansion potential are anticipated to show less movement.

TABLE 4**Provisional Geotechnical Parameters for Post-Tensioned Foundation Slab Design**

Parameter	PT Slab with Perimeter Footing	PT Mat with Thickened Edge
Expansion Index	Low ¹	Low ¹
Thorntwaite Moisture Index	-20	-20
Constant Soil Suction	PF 3.9	PF 3.9
Center Lift Edge moisture variation distance, e_m Center lift, y_m	9.0 feet 0.35 inch	9.0 feet 0.45 inch
Edge Lift Edge moisture variation distance, e_m Edge lift, y_m	5.0 feet 0.75 inch	5.0 feet 0.85 inch
Modulus of Subgrade Reaction, k (assuming presoaking as indicated below)	200 pci	200 pci
Minimum perimeter footing/thickened edge embedment below finish grade	12 inches	6 inches
Perimeter foundation reinforcement	N/A ²	N/A ²
Presoak (moisture conditioning)	100% optimum to depth of 12 inches	100% optimum to depth of 12 inches
<ol style="list-style-type: none"> 1. Assumed for preliminary design purposes. Further evaluation is needed at the completion of grading. PT slab parameters are based on expansive soil conditions as well as seismic settlement findings. 2. Recommendations for foundation reinforcement and slab thickness are ultimately the purview of the foundation engineer/structural engineer based upon geotechnical criteria and structural engineering considerations. 3. Recommendations for sand below slabs have traditionally been included with geotechnical foundation recommendations, although they are not the purview of the geotechnical consultant. The sand layer requirements are the purview of the foundation engineer/structural engineer and should be provided in accordance with ACI Publication 302 "Guide for Concrete Floor and Slab Construction". 4. Recommendations for vapor retarders below slabs are also the purview of the foundation engineer/structural engineer and should be provided in accordance with applicable code requirements. 		

4.2.2 Post-Tensioned Foundation Subgrade Preparation and Maintenance

Moisture conditioning (presoaking) of the subgrade soils is recommended prior to trenching the foundation. The duration of this process varies greatly based on the chosen method and is also dependent on factors such as soil type and weather conditions. Time duration for presoaking from completion of rough grading to trenching of foundations should be accounted for in the construction schedule (typically 1 to 2 weeks). The recommendations specific to the anticipated site soil conditions, including recommended presoak, are presented in Table 4. The subgrade moisture

condition of the building pad soils should be maintained at near-optimum moisture content up to the time of concrete placement. This moisture content should be maintained around the immediate perimeter of the slab during construction and up to occupancy of the homes.

The geotechnical parameters provided herein assume that if the areas adjacent to the foundation are planted and irrigated, these areas will be designed with proper drainage and adequately maintained so that ponding, which causes significant moisture changes below the foundation, does not occur. Our recommendations do not account for excessive irrigation and/or incorrect landscape design. Plants should only be provided with sufficient irrigation for life and not overwatered to saturate subgrade soils. Sunken planters placed adjacent to the foundation, should either be designed with an efficient drainage system or liners to prevent moisture infiltration below the foundation. Some lifting of the perimeter foundation beam should be expected even with properly constructed planters.

In addition to the factors mentioned above, future homeowners should be made aware of the potential negative influences of trees and/or other large vegetation. Roots that extend near the vicinity of foundations can cause distress to foundations. Future homeowners (and the owner's landscape architect) should not plant trees/large shrubs closer to the foundations than a distance equal to half the mature height of the tree or 20 feet, whichever is more conservative unless specifically provided with root barriers to prevent root growth below the house foundation.

It is the homeowner's responsibility to perform periodic maintenance during hot and dry periods to ensure that adequate watering has been provided to keep soils from separating or pulling back from the foundation. Future homeowners should be informed and educated regarding the importance of maintaining a constant level of soil-moisture. The homeowners should be made aware of the potential negative consequences of both excessive watering, as well as allowing potentially expansive soils to become too dry. Expansive soils can undergo shrinkage during drying and swelling during the rainy winter season or when irrigation is resumed. This can result in distress to building structures and hardscape improvements. The builder should provide these recommendations to future homeowners.

4.2.3 Slab Underlayment Guidelines

The following is for informational purposes only since slab underlayment (e.g., moisture retarder, sand or gravel layers for concrete curing and/or capillary break) is unrelated to the geotechnical performance of the foundation and thereby not the purview of the geotechnical consultant. Post-construction moisture migration should be expected below the foundation. The foundation engineer/architect should determine whether the use of a capillary break (sand or gravel layer), in conjunction with the vapor retarder, is necessary or required by code. Sand layer thickness and location (above and/or below vapor retarder) should also be determined by the foundation engineer/architect.

4.3 Soil Bearing and Lateral Resistance

Provided our earthwork recommendations are implemented, an allowable soil bearing pressure of 1,500 pounds per square foot (psf) may be used for the design of footings having a minimum width of 12 inches and minimum embedment of 12 inches below lowest adjacent ground surface. This value may be increased by 300 psf for each additional foot of embedment and 150 psf for each additional foot of foundation width to a maximum value of 2,500 psf. A post-tensioned mat foundation a minimum of 6 inches below lowest adjacent grade may be designed for an allowable soil bearing pressure of 1,200 psf. These allowable bearing pressures are applicable for level (ground slope equal to or flatter than 5H:1V) conditions only. Bearing values indicated are for total dead loads and frequently applied live loads and may be increased by $\frac{1}{3}$ for short duration loading (i.e., wind or seismic loads).

In utilizing the above-mentioned allowable bearing capacity and provided our earthwork recommendations are implemented, foundation settlement due to consolidation and structural loads is anticipated to be less than 2 inches. Differential static settlement may be taken as half of the total settlement (i.e., 1-inch over a horizontal span of 40 feet due to structural loads). Seismically induced settlement is discussed in Section 2.6.1.

Resistance to lateral loads can be provided by friction acting at the base of foundations and by passive earth pressure. For concrete/soil frictional resistance, an allowable coefficient of friction of 0.25 may be assumed with dead-load forces. For slabs constructed over a moisture retarder, the allowable friction coefficient should be provided by the manufacturer. An allowable passive lateral earth pressure of 200 psf per foot of depth (or pcf) to a maximum of 2,000 psf may be used for the sides of footings poured against properly compacted fill. Allowable passive pressure may be increased to 270 pcf (maximum of 2,700 psf) for short duration seismic loading. This passive pressure is applicable for level (ground slope equal to or flatter than 5H:1V) conditions. Frictional resistance and passive pressure may be used in combination without reduction. We recommend that the upper foot of passive resistance be neglected if finished grade will not be covered with concrete or asphalt. The provided allowable passive pressures are based on a factor of safety of 1.5 and 1.1 for static and seismic loading conditions, respectively.

4.4 Lateral Earth Pressures for Retaining Walls

The following may be used for design of site retaining walls. Lateral earth pressures are provided as equivalent fluid unit weights, in psf per foot of depth (or pcf). These values do not contain an appreciable factor of safety, so the retaining wall designer should apply the applicable factors of safety and/or load factors during design. A soil unit weight of 120 pcf may be assumed for calculating the actual weight of soil over the wall footing.

The following lateral earth pressures are presented in Table 5 for approved imported granular soils with a maximum of 35 percent fines (passing the No. 200 sieve per ASTM D-421/422) and a "Very Low" expansion potential (EI of 20 or less per ASTM D4829). The onsite soils are not suitable for retaining wall backfill due to their fines content and expansion potential. Therefore, import of sandy soils meeting the criteria outlined above will be required by the contractor for obtaining suitable retaining wall backfill soil.

The wall designer should clearly indicate on the retaining wall plans the required select sandy soil backfill criteria. These preliminary findings should be confirmed during grading.

TABLE 5

Lateral Earth Pressures - Imported Sandy Soils

Conditions	Equivalent Fluid Unit Weight (pcf)	Equivalent Fluid Unit Weight (pcf)
	Level Backfill	2:1 Sloped Backfill
	Approved Sandy Soils (Import)	Approved Sandy Soils (Import)
Active	35	55
At-Rest	55	70

If the wall can yield enough to mobilize the full shear strength of the soil, it can be designed for “active” pressure. If the wall cannot yield under the applied load, the earth pressure will be higher. This would include 90-degree corners of retaining walls. Such walls should be designed for “at-rest.” The equivalent fluid pressure values assume free-draining conditions. If conditions other than those assumed above are anticipated, the equivalent fluid pressure values should be provided on an individual-case basis by the geotechnical engineer.

Retaining wall structures should be provided with appropriate drainage and appropriately waterproofed. To reduce, but not eliminate, saturation of near-surface (upper approximate 1-foot) soils in front of the retaining walls, the perforated subdrain pipe should be located as low as possible behind the retaining wall. The outlet pipe should be sloped to drain to a suitable outlet. In general, we do not recommend retaining wall outlet pipes be connected to area drains. If subdrains are connected to area drains, special care and information should be provided to homeowners to maintain these drains. Typical retaining wall drainage is illustrated in Figure 3. It should be noted that the recommended subdrain does not provide protection against seepage through the face of the wall and/or efflorescence. Efflorescence is generally a white crystalline powder (discoloration) that results when water containing soluble salts migrates over a period of time through the face of a retaining wall and evaporates. If such seepage or efflorescence is undesirable, retaining walls should be waterproofed to reduce this potential. Waterproofing and outlet systems are not the purview of the geotechnical consultant.

Surcharge loading effects from any adjacent structures should be evaluated by the retaining wall designer. In general, structural loads within a 1:1 (horizontal: vertical) upward projection from the bottom of the proposed retaining wall footing will surcharge the proposed retaining wall. In addition to the recommended earth pressure, retaining walls adjacent to streets should be designed to resist a uniform lateral pressure of 85 pounds per square foot (psf) due to normal street vehicle traffic, if applicable. Uniform lateral surcharges may be estimated using the applicable coefficient of lateral earth pressure using a rectangular distribution. A factor of 0.45 and 0.3 may be used for at-rest and active conditions, respectively. The retaining wall designer should contact the geotechnical consultant for any required geotechnical input in

estimating surcharge loads.

If a retaining wall greater than 6 feet in height is proposed, the retaining wall designer should contact the geotechnical engineer for specific seismic lateral earth pressure increments based on the configuration of the planned retaining wall structures.

Soil bearing and lateral resistance (friction coefficient and passive resistance) are provided in Section 4.3. Earthwork considerations (temporary backcuts, backfill, compaction, etc.) for retaining walls are provided in Section 4.1 (Site Earthwork) and the subsequent earthwork related sub-sections.

4.5 Soil Corrosivity

Although not corrosion engineers (LGC Geotechnical is not a corrosion consultant), several governing agencies in Southern California require the geotechnical consultant to determine the corrosion potential of soils to buried concrete and metal facilities. We therefore present the results of our testing with regard to corrosion for the use of the client and other consultants, as they determine necessary.

Corrosion testing of a near-surface bulk sample indicated a soluble sulfate content ranging from approximately 0.032 to 0.254 percent, a chloride content ranging from 140 to 600 parts per million (ppm), pH of 8.92, and a minimum resistivity of 210 ohm-centimeters. Based on Caltrans Corrosion Guidelines (Caltrans, 2021), soils are considered corrosive to structural elements if the pH is 5.5 or less, or the chloride concentration is 500 ppm or greater, or the sulfate concentration is 2,000 ppm (0.2 percent) or greater. Based on the preliminary test results, soils are considered corrosive using Caltrans criteria.

Based on preliminary laboratory sulfate test results, the near surface soils are designated to a class "S2" per ACI 318, Table 19.3.1.1 with respect to sulfates. Concrete in direct contact with the onsite soils can be designed according to ACI 318, Table 19.3.2.1 using the "S2" sulfate classification.

Laboratory testing may need to be performed at the completion of grading by the project corrosion engineer to further evaluate the as-graded soil corrosivity characteristics. Accordingly, revision of the corrosion potential may be needed, should future test results differ substantially from the conditions reported herein. The client and/or other members of the development team should consider this during the design and planning phase of the project and formulate an appropriate course of action.

4.6 Control of Surface Water and Drainage Control

From a geotechnical perspective, we recommend that compacted finished grade soils adjacent to proposed residences be sloped away from the proposed residence and towards an approved drainage device or unobstructed swale. Drainage swales, wherever feasible, should not be constructed within 5 feet of buildings. Where lot and building geometry necessitates that the side yard drainage swales be routed closer than 5 feet to structural foundations, we recommend the use of area drains together with drainage swales. Drainage swales used in

conjunction with area drains should be designed by the project civil engineer so that a properly constructed and maintained system will prevent ponding within 5 feet of the foundation. Code compliance of grades is not the purview of the geotechnical consultant.

Planters with open bottoms adjacent to buildings should be avoided. Planters should not be designed adjacent to buildings unless provisions for drainage, such as catch basins, liners, and/or area drains, are made. Overwatering must be avoided.

4.7 Subsurface Water Infiltration

Recent regulatory changes in some jurisdictions have recommended that low flow runoff be infiltrated rather than discharged via conventional storm drainage systems. Typically, a combination of methods is implemented to reduce surface water runoff and increase infiltration including; permeable pavements/pavers for roadways and walkways and directing surface water runoff to grass-lined swales, retention areas, and/or drywells. It should be noted that intentionally infiltrating storm water conflicts with the geotechnical engineering objective of directing surface water away from structures and improvements. The geotechnical stability and integrity of the project site is reliant upon appropriately handling all surface water. In general, the vast majority of geotechnical distress issues are directly related to improper drainage. In general, distress in the form of movement of improvements could occur as a result of soil saturation and loss of soil support, expansion, internal soil erosion, collapse and/or settlement. Infiltrated water may enter underground utility pipe zones and migrate along the pipe backfill, potentially impacting other improvements located far away from the point of infiltration.

Geotechnical stability and integrity of the project site is reliant upon appropriate handling of surface water. Due to the extremely low measured infiltration rate, low permeability fine-grained soils at depth, shallow groundwater and site liquefaction potential, we strongly recommend against the intentional infiltration of storm water into subsurface soils.

4.8 Preliminary Asphalt Concrete Pavement Sections

The following provisional minimum asphalt concrete (AC) street sections are provided in Table 6 for Traffic Indices (TI) of 5.0, 5.5 and 6.0. These sections are based on an assumed R-value of 10. These recommendations must be confirmed with R-value testing of representative near-surface soils at the completion of grading and after underground utilities have been installed and backfilled. Final pavement sections should be confirmed by the project civil engineer based upon the final design Traffic Index. If requested, LGC Geotechnical will provide sections for alternate TI values. Should the City of Los Alamitos have more stringent requirements, updated pavement recommendation can be provided.

TABLE 6

Preliminary Pavement Section Options

Assumed Traffic Index	5.0	5.5	6.0
R -Value Subgrade	10	10	10
AC Thickness	4.0 inches	4.0 inches	5.0 inches
Aggregate Base Thickness	7.0 inches	9.0 inches	9.0 inches

The pavement section thicknesses provided above are considered minimum thicknesses. Increasing the thickness of any or all of the above layers will reduce the likelihood of the pavement experiencing distress during its service life. The above recommendations are based on the assumption that proper maintenance and irrigation of the areas adjacent to the roadway will occur throughout the design life of the pavement. Failure to maintain a proper maintenance and/or irrigation program may jeopardize the integrity of the pavement.

Earthwork recommendations regarding aggregate base and subgrade are provided in the previous Section 4.1 (Site Earthwork) and the related sub-sections of this report.

4.9 Nonstructural Concrete Flatwork

Nonstructural concrete flatwork (such as walkways, private drives, patio slabs, etc.) has a potential for cracking due to changes in soil volume related to soil-moisture fluctuations. To reduce the potential for excessive cracking and lifting, concrete may be designed in accordance with the minimum guidelines outlined in Table 7 on the following page. These guidelines will reduce the potential for irregular cracking and promote cracking along construction joints but will not eliminate all cracking or lifting. Thickening the concrete and/or adding additional reinforcement will further reduce cosmetic distress.

TABLE 7

Nonstructural Concrete Flatwork for Low Expansion Potential

	Homeowner Sidewalks	Private Drives	Patios/ Entryways	City Sidewalk Curb and Gutters
Minimum Thickness (in.)	4 (nominal)	4 (full)	4 (full)	City/Agency Standard
Presoaking	Wet down prior to placing	Wet down prior to placing	Wet down prior to placing	City/Agency Standard
Reinforcement	—	No. 3 at 24 inches on centers	No. 3 at 24 inches on centers	City/Agency Standard
Thickened Edge (in.)	—	8 x 8	—	City/Agency Standard
Crack Control Joints	Saw cut or deep open tool joint to a minimum of $\frac{1}{3}$ the concrete thickness	Saw cut or deep open tool joint to a minimum of $\frac{1}{3}$ the concrete thickness	Saw cut or deep open tool joint to a minimum of $\frac{1}{3}$ the concrete thickness	City/Agency Standard
Maximum Joint Spacing	5 feet	10 feet or quarter cut whichever is closer	6 feet	City/Agency Standard
Aggregate Base Thickness (in.)	—	—	—	City/Agency Standard

To reduce the potential for driveways to separate from the garage slab, the builder may elect to install dowels to tie these two elements together. Similarly, future homeowners should consider the use of dowels to connect flatwork to the foundation.

4.10 Geotechnical Plan Review

When available, grading, retaining wall and foundation plans should be reviewed by LGC Geotechnical in order to verify our geotechnical recommendations are implemented. Updated recommendations and/or additional field work may be necessary.

4.11 Geotechnical Observation and Testing During Construction

The recommendations provided in this report are based on limited subsurface observations and geotechnical analysis. The interpolated subsurface conditions should be checked in the field during construction by a representative of LGC Geotechnical. Geotechnical observation and testing is required per Section 1705 of the 2019 California Building Code (CBC).

Geotechnical observation and/or testing should be performed by LGC Geotechnical at the following stages:

- During grading (removal bottoms, fill placement, etc);
- During retaining wall backfill and compaction;
- During utility trench backfill and compaction;
- After presoaking building pads and other concrete-flatwork subgrades, and prior to placement of aggregate base or concrete;
- Preparation of pavement subgrade and placement of aggregate base;
- After building and wall footing excavation and prior to placing steel reinforcement and/or concrete; and
- When any unusual soil conditions are encountered during any construction operation subsequent to issuance of this report.

5.0 LIMITATIONS

Our services were performed using the degree of care and skill ordinarily exercised, under similar circumstances, by reputable soils engineers and geologists practicing in this or similar localities. No other warranty, expressed or implied, is made as to the conclusions and professional advice included in this report.

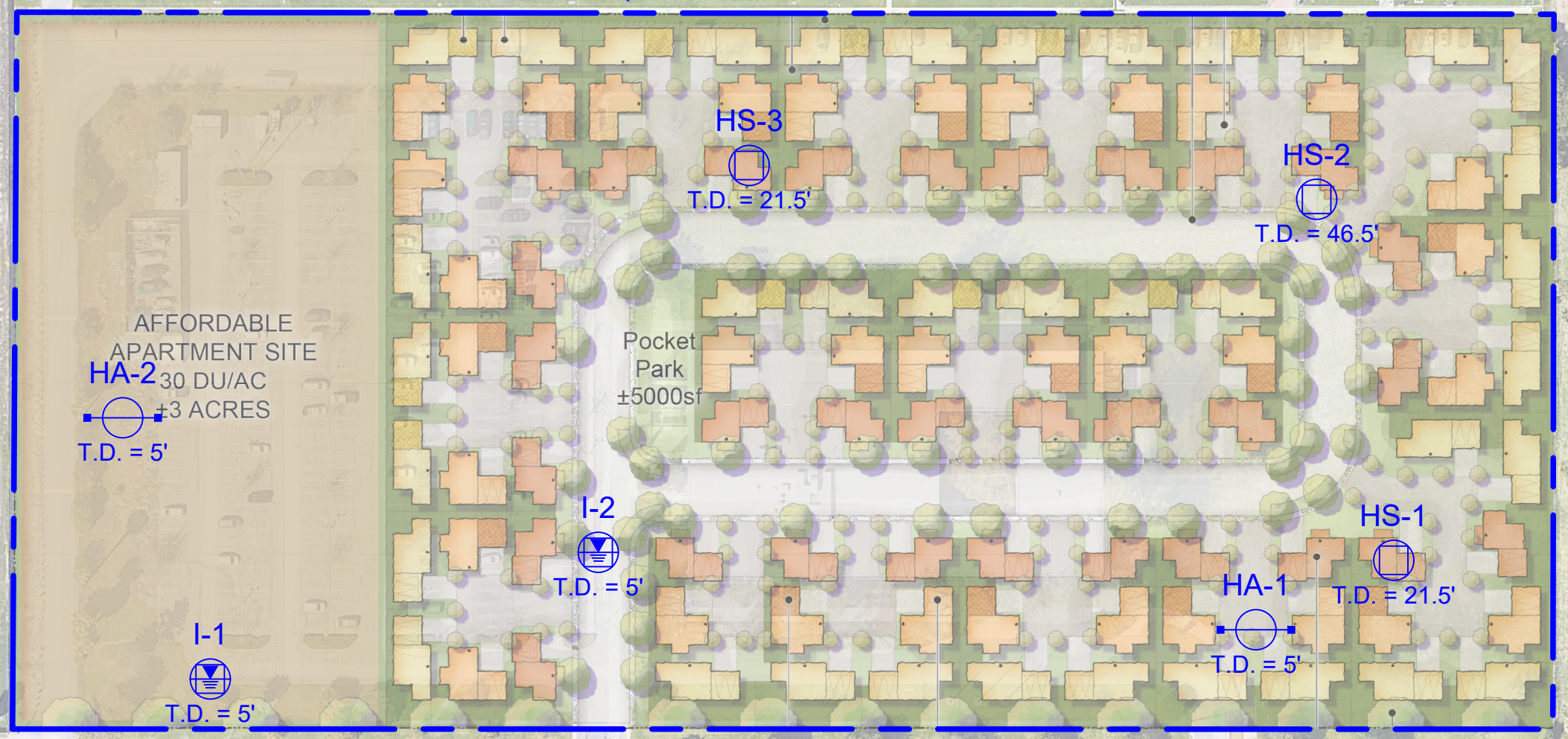
This report is based on data obtained from limited observations of the site, which have been extrapolated to characterize the site. While the scope of services performed is considered suitable to adequately characterize the site geotechnical conditions relative to the proposed development, no practical evaluation can completely eliminate uncertainty regarding the anticipated geotechnical conditions in connection with a subject site. Variations may exist and conditions not observed or described in this report may be encountered during grading and construction.

This report is issued with the understanding that it is the responsibility of the owner, or of his/her representative, to ensure that the information and recommendations contained herein are brought to the attention of the other consultants (at a minimum the civil engineer, structural engineer, landscape architect) and incorporated into their plans. The contractor should properly implement the recommendations during construction and notify the owner if they consider any of the recommendations presented herein to be unsafe, or unsuitable.

The findings of this report are valid as of the present date. However, changes in the conditions of a site can and do occur with the passage of time, whether they be due to natural processes or the works of man on this or adjacent properties. The findings, conclusions, and recommendations presented in this report can be relied upon only if LGC Geotechnical has the opportunity to observe the subsurface conditions during grading and construction of the project, in order to confirm that our preliminary findings are representative for the site. This report is intended exclusively for use by the client, any use of or reliance on this report by a third party shall be at such party's sole risk.

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 our control. Therefore, this report is subject to review and modification.

Approximate Site Limits



AFFORDABLE APARTMENT SITE
HA-2 30 DU/AC
 ±3 ACRES
 T.D. = 5'

Pocket Park
 ±5000sf

HS-3
 T.D. = 21.5'

HS-2
 T.D. = 46.5'

I-2
 T.D. = 5'

HS-1
 T.D. = 21.5'

I-1
 T.D. = 5'

HA-1
 T.D. = 5'




Lampson Ave

Lampson Ave

Lampson Ave

Ironwood Ave

LEGEND

-  **HS-3**
Approximate Location of Hollow Stem Auger Boring by LGC Geotechnical, With Total Depth in Feet
-  **I-2**
Approximate Location of Hollow Stem Auger Infiltration Boring by LGC Geotechnical, With Total Depth in Feet
-  **HA-2**
Approximate Location of Hand Auger Boring by LGC Geotechnical, With Total Depth in Feet

SCALE: 1"=100'
 0 100' 200'



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 San Clemente, CA 92672
 TEL (949) 369-6141 FAX (949) 369-6142

FIGURE 2
Boring Location Map

PROJECT NAME	MWIG - Los Alamitos
PROJECT NO.	21198-01
ENG. / GEOL.	RLD
SCALE	1" = 100'
DATE	December 2021

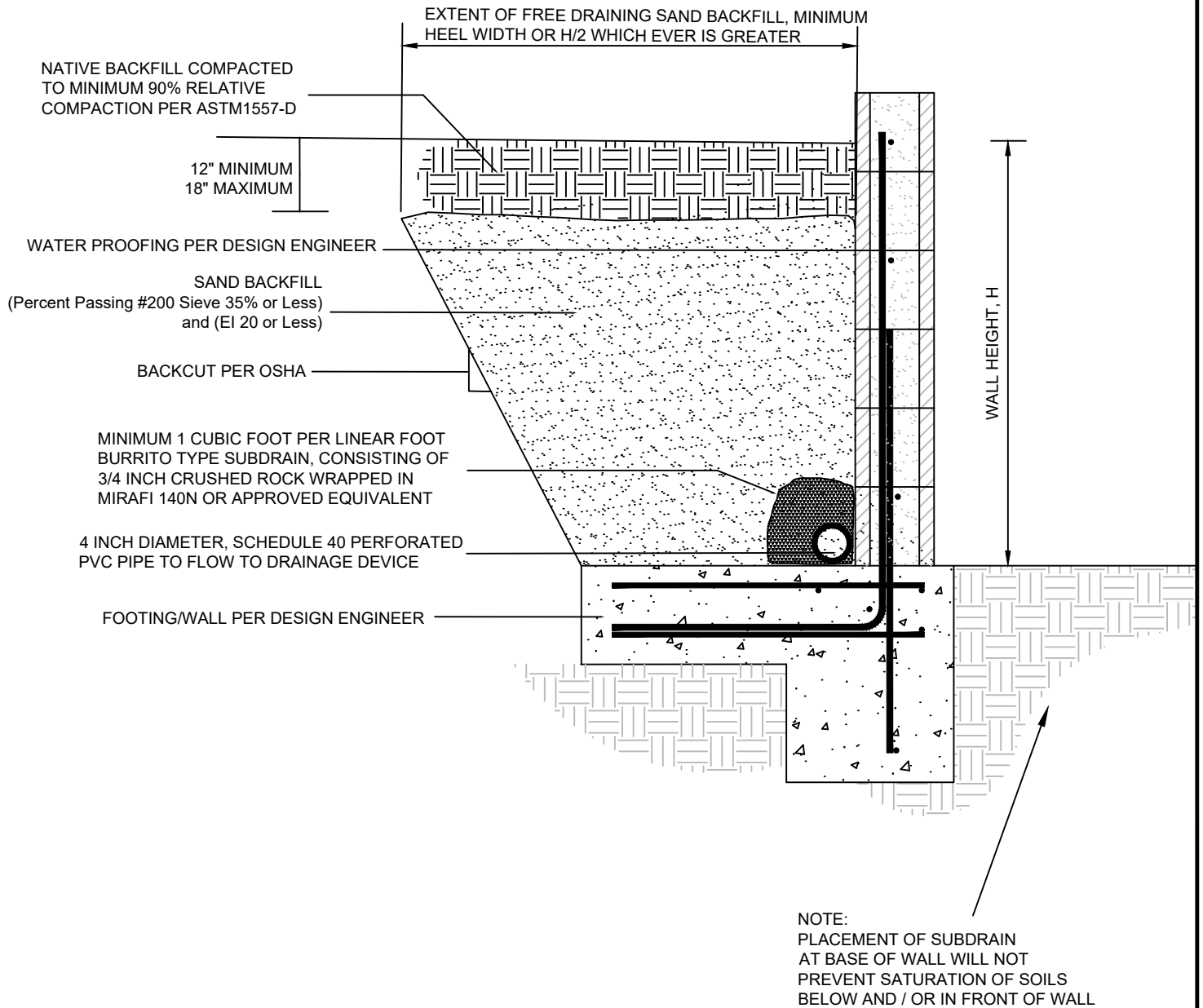


FIGURE 3
Retaining Wall
Backfill Detail

PROJECT NAME	MWIG - Los Alamitos
PROJECT NO.	21198-01
ENG. / GEOL.	RLD
SCALE	Not to Scale
DATE	December 2021

Appendix A
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APPENDIX A

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Appendix B
Boring Logs

Geotechnical Boring Log Borehole HS-1

Date: 11/11/2021	Drilling Company: Cal Pac Drilling
Project Name: MWIG - Los Alamitos	Type of Rig: Track Mounted
Project Number: 21198-01	Drop: 30" Hole Diameter: 6"
Elevation of Top of Hole: ~24' MSL	Drive Weight: 140 pounds
Hole Location: See Geotechnical Map	Page 1 of 1

Elevation (ft)	Depth (ft)	Graphic Log	Sample Number	Blow Count	Dry Density (pcf)	Moisture (%)	USCS Symbol	DESCRIPTION	Type of Test
0	0	B-1						@0' to T.D. - Quaternary Young Alluvium (Qya): @0'- 1' of Topsoil; Sandy SILT: brown/gray, slightly moist	
	5		R-1	10 7 9	92.9	8.6	CL-ML	@2.5'- Silty CLAY with Sand: grayish brown, slightly moist, stiff	
	10		R-2	4 6 8	94.5	24.6		@5'- Silty CLAY: olive brown, very moist, stiff	
	15		R-3	3 3 4	94.0	27.9	SM/CL	@7.5'- Top: Silty SAND: brown, wet, loose; Bottom: CLAY: brown, wet, medium stiff	
	20		R-4	3 4 5	99.0	26.3	CL-ML	@10'- Silty CLAY: olive brown, wet, medium stiff	
	25	▽	SPT-1	2 3 4		27.8		@15'- Silty CLAY: olive brown, wet, stiff	
	30		R-5	7 9 12	106.1	20.9	SM	@20'- Silty SAND: grayish brown, wet, medium dense	
	35							Total Depth = 21.5' Groundwater Encountered at Approximately 13' Backfilled with Cuttings on 11/11/2021	



THIS SUMMARY APPLIES ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH THE PASSAGE OF TIME. THE DATA PRESENTED IS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. THE DESCRIPTIONS PROVIDED ARE QUALITATIVE FIELD DESCRIPTIONS AND ARE NOT BASED ON QUANTITATIVE ENGINEERING ANALYSIS.

SAMPLE TYPES:
 B BULK SAMPLE
 R RING SAMPLE (CA Modified Sampler)
 G GRAB SAMPLE
 SPT STANDARD PENETRATION TEST SAMPLE

▽ GROUNDWATER TABLE

TEST TYPES:
 DS DIRECT SHEAR
 MD MAXIMUM DENSITY
 SA SIEVE ANALYSIS
 S&H SIEVE AND HYDROMETER
 EI EXPANSION INDEX
 CN CONSOLIDATION
 CR CORROSION
 AL ATTERBERG LIMITS
 CO COLLAPSE/SWELL
 RV R-VALUE
 #200 % PASSING # 200 SIEVE

Geotechnical Boring Log Borehole HS-2

Date: 11/11/2021	Drilling Company: Cal Pac Drilling
Project Name: MWIG - Los Alamitos	Type of Rig: Track Mounted
Project Number: 21198-01	Drop: 30" Hole Diameter: 6"
Elevation of Top of Hole: ~25' MSL	Drive Weight: 140 pounds
Hole Location: See Geotechnical Map	Page 1 of 2

Elevation (ft)	Depth (ft)	Graphic Log	Sample Number	Blow Count	Dry Density (pcf)	Moisture (%)	USCS Symbol	DESCRIPTION	Type of Test
	0							@0 to T.D. - Quaternary Young Alluvium (Qya): @0'- 1' of Topsoil; Sandy SILT: gray/brown, slightly moist @2.5'- Silty CLAY: olive brown, wet, stiff	
	5		R-1	13 7 11	94.9	25.1	CL-ML		
20	5		R-2	3 6 9	96.3	28.1		@5'- Silty CLAY: olive brown, wet, stiff	
	10		R-3	5 5 4	89.3	33.2	CL	@7.5'- CLAY: olive brown, wet, medium stiff	AL CN
15	10	▽ 	R-4	2 3 4	97.8	27.8		@10'- CLAY: brown, wet, medium stiff	
	15		R-5	5 5 8	101.2	26.2		@15'- CLAY: brown, wet, stiff	AL
5	20		SPT-1	4 6 8		22.9	ML	@20'- Sandy SILT: grayish brown, wet, medium dense	
0	25		R-6	6 6 5	99.1	30.4	CL	@25'- CLAY: dark gray, wet, stiff	
	30								



THIS SUMMARY APPLIES ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH THE PASSAGE OF TIME. THE DATA PRESENTED IS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. THE DESCRIPTIONS PROVIDED ARE QUALITATIVE FIELD DESCRIPTIONS AND ARE NOT BASED ON QUANTITATIVE ENGINEERING ANALYSIS.



SAMPLE TYPES:	TEST TYPES:
B BULK SAMPLE	DS DIRECT SHEAR
R RING SAMPLE (CA Modified Sampler)	MD MAXIMUM DENSITY
G GRAB SAMPLE	SA SIEVE ANALYSIS
SPT STANDARD PENETRATION TEST SAMPLE	S&H SIEVE AND HYDROMETER
	EI EXPANSION INDEX
	CN CONSOLIDATION
	CR CORROSION
	AL ATTERBERG LIMITS
	CO COLLAPSE/SWELL
	RV R-VALUE
	#200 % PASSING # 200 SIEVE



Geotechnical Boring Log Borehole HS-2

Date: 11/11/2021	Drilling Company: Cal Pac Drilling
Project Name: MWIG - Los Alamitos	Type of Rig: Track Mounted
Project Number: 21198-01	Drop: 30" Hole Diameter: 6"
Elevation of Top of Hole: ~25' MSL	Drive Weight: 140 pounds
Hole Location: See Geotechnical Map	Page 2 of 2

Elevation (ft)	Depth (ft)	Graphic Log	Sample Number	Blow Count	Dry Density (pcf)	Moisture (%)	USCS Symbol	DESCRIPTION	Type of Test
	30		SPT-2	3 5 7		32.3	CL	@30'- CLAY: olive gray, wet, very stiff	AL
-5	35		R-7	6 21 33	110.9	17.4	SM	@35'- Silty SAND: gray, wet, dense	
-10	40		SPT-3	5 7 15		28.1		@40'- Silty SAND: dark gray, wet, medium dense	#200
-15	45		R-8	7 9 11	99.2	26.6		@45'- Silty SAND: dark gray, wet, medium dense	#200
-20	50							Total Depth = 46.5' Groundwater Encountered at Approximately 11.5' Backfilled with Cuttings on 11/11/2021	
-25	55								
	60								

	<p>THIS SUMMARY APPLIES ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH THE PASSAGE OF TIME. THE DATA PRESENTED IS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. THE DESCRIPTIONS PROVIDED ARE QUALITATIVE FIELD DESCRIPTIONS AND ARE NOT BASED ON QUANTITATIVE ENGINEERING ANALYSIS.</p>	<p>SAMPLE TYPES: B BULK SAMPLE R RING SAMPLE (CA Modified Sampler) G GRAB SAMPLE SPT STANDARD PENETRATION TEST SAMPLE</p> <p> GROUNDWATER TABLE</p>	<p>TEST TYPES: DS DIRECT SHEAR MD MAXIMUM DENSITY SA SIEVE ANALYSIS S&H SIEVE AND HYDROMETER EI EXPANSION INDEX CN CONSOLIDATION CR CORROSION AL ATTERBERG LIMITS CO COLLAPSE/SWELL RV R-VALUE #200 % PASSING # 200 SIEVE</p>
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Geotechnical Boring Log Borehole HS-3

Date: 11/11/2021	Drilling Company: Cal Pac Drilling
Project Name: MWIG - Los Alamitos	Type of Rig: Track Mounted
Project Number: 21198-01	Drop: 30" Hole Diameter: 6"
Elevation of Top of Hole: ~24' MSL	Drive Weight: 140 pounds
Hole Location: See Geotechnical Map	Page 1 of 1

Elevation (ft)	Depth (ft)	Graphic Log	Sample Number	Blow Count	Dry Density (pcf)	Moisture (%)	USCS Symbol	DESCRIPTION	Type of Test
0		B-1						@0' to T.D. - Quaternary Young Alluvium (Qya): @0'- Topsoil; Sandy SILT: brown/gray, slightly moist	MD DS EI CR
			R-1	5 7 14	110.5	15.2	CL-ML	@2.5'- Silty CLAY: olive brown, moist, very stiff	
20	5		R-2	7 8 13	101.6	22.0	CL	@5'- CLAY: olive brown, very moist, very stiff	
			R-3	5 2 3	87.4	35.4		@7.5'- CLAY: olive brown, wet, soft	AL CN
15	10	▽	R-4	1 3 4	98.7	26.9		@10'- CLAY: olive brown, wet, medium stiff	
			SPT-1	2 3 3		24.7		@15'- CLAY: olive brown, wet, medium stiff	
10	15		R-5	3 6 6	107.9	20.7		@20'- CLAY: olive brown, wet, stiff	
								Total Depth = 21.5' Groundwater Encountered at Approximately 11' Backfilled with Cuttings on 11/11/2021	
0	25								
-5	30								



THIS SUMMARY APPLIES ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH THE PASSAGE OF TIME. THE DATA PRESENTED IS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. THE DESCRIPTIONS PROVIDED ARE QUALITATIVE FIELD DESCRIPTIONS AND ARE NOT BASED ON QUANTITATIVE ENGINEERING ANALYSIS.

SAMPLE TYPES:	TEST TYPES:
B BULK SAMPLE	DS DIRECT SHEAR
R RING SAMPLE (CA Modified Sampler)	MD MAXIMUM DENSITY
G GRAB SAMPLE	SA SIEVE ANALYSIS
SPT STANDARD PENETRATION TEST SAMPLE	S&H SIEVE AND HYDROMETER
	EI EXPANSION INDEX
	CN CONSOLIDATION
	CR CORROSION
	AL ATTERBERG LIMITS
▽ GROUNDWATER TABLE	CO COLLAPSE/SWELL
	RV R-VALUE
	#200 % PASSING # 200 SIEVE

Last Edited: 12/16/2021

Geotechnical Boring Log Borehole I-1

Date: 11/11/2021	Drilling Company: Cal Pac Drilling
Project Name: MWIG - Los Alamitos	Type of Rig: Track Mounted
Project Number: 21198-01	Drop: 30" Hole Diameter: 8"
Elevation of Top of Hole: ~23' MSL	Drive Weight: 140 pounds
Hole Location: See Geotechnical Map	Page 1 of 1

Elevation (ft)	Depth (ft)	Graphic Log	Sample Number	Blow Count	Dry Density (pcf)	Moisture (%)	USCS Symbol	DESCRIPTION	Type of Test
	0	B-1				22.0	SC	<p>@0' to 2.5' - Older Artificial Fill (afo): @0'- 3" of Asphalt over 5" of Base @1'- Clayey SAND: gray/brown, very moist @2.5' to T.D. - Quaternary Young Alluvium (Qya): @2.5'- Clayey SAND: gray/brown, very moist</p>	
	5							<p>Total Depth = 5' Groundwater Not Encountered 3" Perforated Pipe With Filter Sock Installed, Surrounded by Gravel, and Presoaked on 11/11/2021 Pipe Removed and Boring Backfilled With Cuttings on 11/12/2021</p>	
	15								
	10								
	10								
	15								
	5								
	20								
	0								
	25								
	-5								
	30								



THIS SUMMARY APPLIES ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH THE PASSAGE OF TIME. THE DATA PRESENTED IS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. THE DESCRIPTIONS PROVIDED ARE QUALITATIVE FIELD DESCRIPTIONS AND ARE NOT BASED ON QUANTITATIVE ENGINEERING ANALYSIS.

SAMPLE TYPES:	TEST TYPES:
B BULK SAMPLE	DS DIRECT SHEAR
R RING SAMPLE (CA Modified Sampler)	MD MAXIMUM DENSITY
G GRAB SAMPLE	SA SIEVE ANALYSIS
SPT STANDARD PENETRATION TEST SAMPLE	S&H SIEVE AND HYDROMETER
	EI EXPANSION INDEX
	CN CONSOLIDATION
	CR CORROSION
	AL ATTERBERG LIMITS
	CO COLLAPSE/SWELL
	RV R-VALUE
	#200 % PASSING # 200 SIEVE



Geotechnical Boring Log Borehole I-2

Date: 11/11/2021	Drilling Company: Cal Pac Drilling
Project Name: MWIG - Los Alamitos	Type of Rig: Track Mounted
Project Number: 21198-01	Drop: 30" Hole Diameter: 8"
Elevation of Top of Hole: ~23' MSL	Drive Weight: 140 pounds
Hole Location: See Geotechnical Map	Page 1 of 1

Elevation (ft)	Depth (ft)	Graphic Log	Sample Number	Blow Count	Dry Density (pcf)	Moisture (%)	USCS Symbol	DESCRIPTION	Type of Test
	0	B-1				16.9	SM	<p>@0' to 2.5'- Older Artificial Fill (afo): @0'- 3" of Asphalt over 5" of Base @1'- Silty SAND: dark gray, very moist @2.5' to T.D. - Quaternary Young Alluvium (Qya): @2.5'- Silty SAND: dark gray, very moist</p>	
	5							<p>Total Depth = 5' Groundwater Not Encountered 3" Perforated Pipe With Filter Sock Installed, Surrounded by Gravel, and Presoaked on 7/23/2021 Pipe Removed and Boring Backfilled With Cuttings on 11/12/2021</p>	
	15								
	10								
	10								
	15								
	5								
	20								
	0								
	25								
	-5								
	30								



THIS SUMMARY APPLIES ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH THE PASSAGE OF TIME. THE DATA PRESENTED IS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. THE DESCRIPTIONS PROVIDED ARE QUALITATIVE FIELD DESCRIPTIONS AND ARE NOT BASED ON QUANTITATIVE ENGINEERING ANALYSIS.

<p>SAMPLE TYPES:</p> <p>B BULK SAMPLE R RING SAMPLE (CA Modified Sampler) G GRAB SAMPLE SPT STANDARD PENETRATION TEST SAMPLE</p> <p style="text-align: center;">≡</p> <p>GROUNDWATER TABLE</p>	<p>TEST TYPES:</p> <p>DS DIRECT SHEAR MD MAXIMUM DENSITY SA SIEVE ANALYSIS S&H SIEVE AND HYDROMETER EI EXPANSION INDEX CN CONSOLIDATION CR CORROSION AL ATTERBERG LIMITS CO COLLAPSE/SWELL RV R-VALUE #200 % PASSING # 200 SIEVE</p>
--	---

Geotechnical Boring Log Borehole HA-1

Date: 11/11/2021	Drilling Company: Cal Pac Drilling
Project Name: MWIG - Los Alamitos	Type of Rig: Track Mounted
Project Number: 21198-01	Drop: 30" Hole Diameter: 3"
Elevation of Top of Hole: ~24' MSL	Drive Weight: 140 pounds
Hole Location: See Geotechnical Map	Page 1 of 1

Elevation (ft)	Depth (ft)	Graphic Log	Sample Number	Blow Count	Dry Density (pcf)	Moisture (%)	USCS Symbol	DESCRIPTION	Type of Test
	0	B-1				12.8	ML	@0' to T.D. - Quaternary Young Alluvium (Qya): @0'- 1' of Topsoil @1'- Sandy SILT: brown, slightly moist @3'- Silty CLAY: brown, moist	
20	5					12.8	CL		
15	10							Total Depth = 5' Groundwater Not Encountered Backfilled with Cuttings on 11/11/2021	
10	15								
5	20								
0	25								
-5	30								



THIS SUMMARY APPLIES ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH THE PASSAGE OF TIME. THE DATA PRESENTED IS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. THE DESCRIPTIONS PROVIDED ARE QUALITATIVE FIELD DESCRIPTIONS AND ARE NOT BASED ON QUANTITATIVE ENGINEERING ANALYSIS.

SAMPLE TYPES:	TEST TYPES:
B BULK SAMPLE	DS DIRECT SHEAR
R RING SAMPLE (CA Modified Sampler)	MD MAXIMUM DENSITY
G GRAB SAMPLE	SA SIEVE ANALYSIS
SPT STANDARD PENETRATION TEST SAMPLE	S&H SIEVE AND HYDROMETER
	EI EXPANSION INDEX
	CN CONSOLIDATION
	CR CORROSION
	AL ATTERBERG LIMITS
GROUNDWATER TABLE	CO COLLAPSE/SWELL
	RV R-VALUE
	#200 % PASSING # 200 SIEVE

Geotechnical Boring Log Borehole HA-2

Date: 11/12/2021	Drilling Company: Cal Pac Drilling
Project Name: MWIG - Los Alamitos	Type of Rig: Track Mounted
Project Number: 21198-01	Drop: 30" Hole Diameter: 3"
Elevation of Top of Hole: ~24' MSL	Drive Weight: 140 pounds
Hole Location: See Geotechnical Map	Page 1 of 1

Elevation (ft)	Depth (ft)	Graphic Log	Sample Number	Blow Count	Dry Density (pcf)	Moisture (%)	USCS Symbol	DESCRIPTION	Type of Test
	0	B-1					SM	@0' to 2.5'- Undocumented Artificial Fill (afu): @0'- Silty SAND: grayish brown, dry @2.5' to T.D. - Quaternary Young Alluvium (Qya): @2.5'- Clayey SAND: grayish brown, very moist	EI CR
20	5					SC			
								Total Depth = 5' Groundwater Not Encountered Backfilled with Cuttings on 11/12/2021	
15	10								
10	15								
5	20								
0	25								
-5	30								



THIS SUMMARY APPLIES ONLY AT THE LOCATION OF THIS BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH THE PASSAGE OF TIME. THE DATA PRESENTED IS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. THE DESCRIPTIONS PROVIDED ARE QUALITATIVE FIELD DESCRIPTIONS AND ARE NOT BASED ON QUANTITATIVE ENGINEERING ANALYSIS.

SAMPLE TYPES:	TEST TYPES:
B BULK SAMPLE	DS DIRECT SHEAR
R RING SAMPLE (CA Modified Sampler)	MD MAXIMUM DENSITY
G GRAB SAMPLE	SA SIEVE ANALYSIS
SPT STANDARD PENETRATION TEST SAMPLE	S&H SIEVE AND HYDROMETER
	EI EXPANSION INDEX
	CN CONSOLIDATION
	CR CORROSION
	AL ATTERBERG LIMITS
GROUNDWATER TABLE	CO COLLAPSE/SWELL
	RV R-VALUE
	#200 % PASSING # 200 SIEVE

Appendix C
Laboratory Test Results

APPENDIX C

Laboratory Testing Procedures and Test Results

The laboratory testing program was formulated towards providing data relating to the relevant engineering properties of the soils with respect to residential construction. Samples considered representative of site conditions were tested in general accordance with American Society for Testing and Materials (ASTM) procedure and/or California Test Methods (CTM), where applicable. The following summary is a brief outline of the test type and a table summarizing the test results.

Moisture and Density Determination Tests: Moisture content (ASTM D2216) and dry density determinations (ASTM D2937) were performed on relatively undisturbed samples obtained from the test borings and/or trenches. The results of these tests are presented in the boring logs. Where applicable, only moisture content was determined from undisturbed or disturbed samples.

Expansion Index: The expansion potential of selected samples was evaluated by the Expansion Index Test, Standard ASTM D4829. Specimens are molded under a given compactive energy to approximately the optimum moisture content and approximately 50 percent saturation or approximately 90 percent relative compaction. The prepared 1-inch-thick by 4-inch-diameter specimens are loaded to an equivalent 144 psf surcharge and are inundated with tap water until volumetric equilibrium is reached. The results of these tests are presented in the table below.

Sample Location	Expansion Index	Expansion Potential*
HS-3 @ 1-5 feet	32	Low
HA-2 @ 1-5 feet	30	Low

* ASTM D4829

Grain Size Distribution/Fines Content: Representative samples were dried, weighed and soaked in water until individual soil particles were separated (per ASTM D421) and then washed on a No. 200 sieve (ASTM D1140). Where applicable, the portion retained on the No. 200 sieve and dried and then sieved on a U.S. Standard brass sieve set in accordance with ASTM D6913 (sieve).

Sample Location	Description	% Passing # 200 Sieve
HS-2 @ 40 feet	Silty Sand	16.5
HS-2 @ 45 feet	Silty Sand	15

APPENDIX C (Cont'd)

Laboratory Testing Procedures and Test Results

Atterberg Limits: The liquid and plastic limits (“Atterberg Limits”) were determined per ASTM D4318 for engineering classification of fine-grained material and presented in the table below. The USCS soil classification indicated in the table below is based on the portion of sample passing the No. 40 sieve and may not necessarily be representative of the entire sample. The plot is provided in this Appendix.

Sample Location	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	USCS Soil Classification
HS-2 @ 7.5 feet	31	19	12	CL
HS-2 @ 15 feet	34	17	17	CL
HS-2 @ 30 feet	35	16	19	CL
HS-3 @ 7.5 feet	48	24	24	CL

Consolidation: Two consolidation tests were performed per ASTM D2435. A sample (2.4 inches in diameter and 1 inch in height) was placed in a consolidometer and increasing loads were applied. The sample was allowed to consolidate under “double drainage” and total deformation for each loading step was recorded. The percent consolidation for each load step was recorded as the ratio of the amount of vertical compression to the original sample height. The consolidation pressure curve is provided in this Appendix.

Direct Shear: One direct shear test was performed on remolded samples, which was soaked for a minimum of 24 hours prior to testing. The samples were tested under various normal loads using a motor-driven, strain-controlled, direct-shear testing apparatus (ASTM D3080). The plot is provided in this Appendix.

Maximum Density Tests: The maximum dry density and optimum moisture content of typical materials were determined in accordance with ASTM D1557. The results of these tests are presented in the table below:

Sample Location	Sample Description	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
HS-3 @ 1-5 feet	Dark Olive Brown Clayey Sand	116.0	13.0

APPENDIX C (Cont'd)

Laboratory Testing Procedures and Test Results

Chloride Content: Chloride content was tested in accordance with Caltrans Test Method (CTM) 422. The results are presented below.

Sample Location	Chloride Content, ppm
HS-3 @ 1-5 feet	600
HA-2 @ 1-5 feet	140

Soluble Sulfates: The soluble sulfate contents of selected samples were determined by standard geochemical methods (CTM 417). The soluble sulfate content is used to determine the appropriate cement type and maximum water-cement ratios. The test results are presented in the table below.

Sample Location	Sulfate Content (ppm)	Sulfate Exposure Class *
HS-3 @ 1-5 feet	2535	S2
HA-2 @ 1-5 feet	317	S0

*Based on ACI 318R-14, Table 19.3.1.1

Minimum Resistivity and pH Tests: Minimum resistivity and pH tests were performed in general accordance with CTM 643 and standard geochemical methods. The results are presented in the table below.

Sample Location	pH	Minimum Resistivity (ohms-cm)
HS-3 @ 1-5 feet	8.92	210

ATTERBERG LIMITS ASTM D 4318

Project Name: Los Alamitos Tested By: S. Felter Date: 12/03/21
 Project No. : 21198-01 Input By: J. Ward Date: 12/14/21
 Boring No.: HS-2 Checked By: J. Ward
 Sample No.: R-3 Depth (ft.) 7.5
 Soil Identification: Light olive brown lean clay (CL)

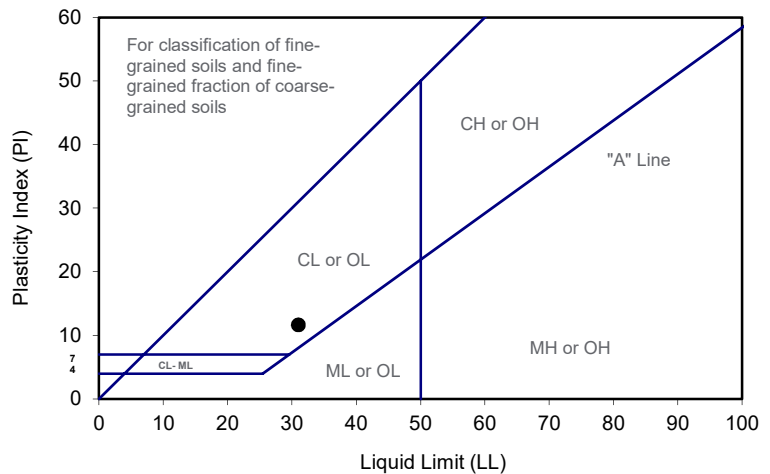
TEST NO.	PLASTIC LIMIT		LIQUID LIMIT			
	1	2	1	2	3	4
Number of Blows [N]			34	27	17	
Wet Wt. of Soil + Cont. (g)	10.70	10.61	21.36	20.43	20.11	
Dry Wt. of Soil + Cont. (g)	9.13	9.08	16.65	15.91	15.53	
Wt. of Container (g)	1.08	1.12	1.11	1.06	1.04	
Moisture Content (%) [W _n]	19.50	19.22	30.31	30.44	31.61	

Liquid Limit	31
Plastic Limit	19
Plasticity Index	12
Classification	CL

PI at "A" - Line = $0.73(LL-20)$ 8.03

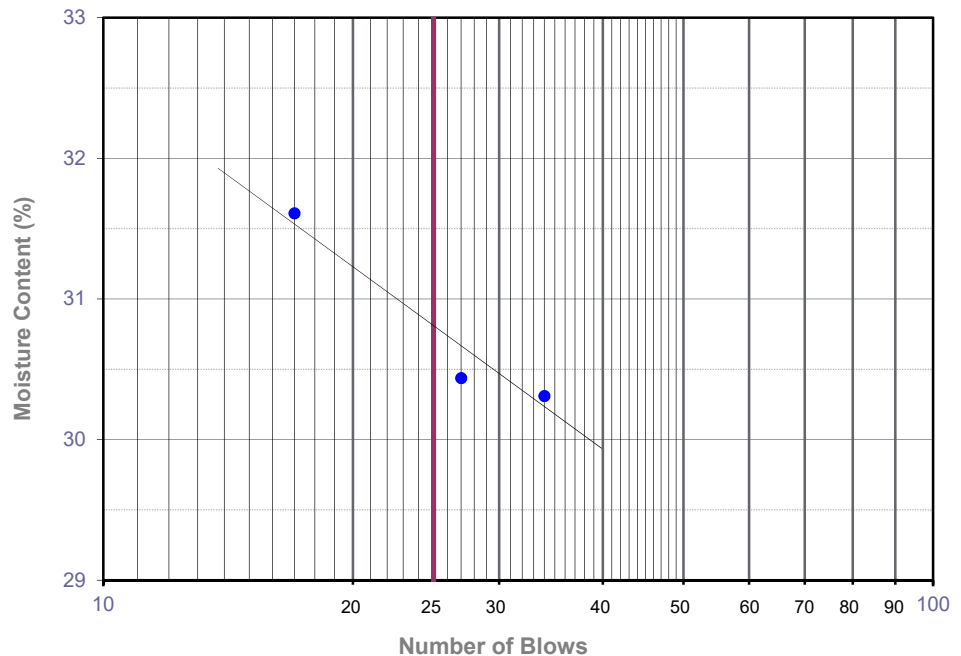
One - Point Liquid Limit Calculation

$$LL = W_n(N/25)^{0.121}$$



PROCEDURES USED

- Wet Preparation
Multipoint - Wet
- Dry Preparation
Multipoint - Dry
- Procedure A
Multipoint Test
- Procedure B
One-point Test



ATTERBERG LIMITS

ASTM D 4318

Project Name: Los Alamitos Tested By: S. Felter Date: 12/03/21
 Project No. : 21198-01 Input By: J. Ward Date: 12/14/21
 Boring No.: HS-2 Checked By: J. Ward
 Sample No.: R-5 Depth (ft.) 15.0
 Soil Identification: Brown lean clay (CL)

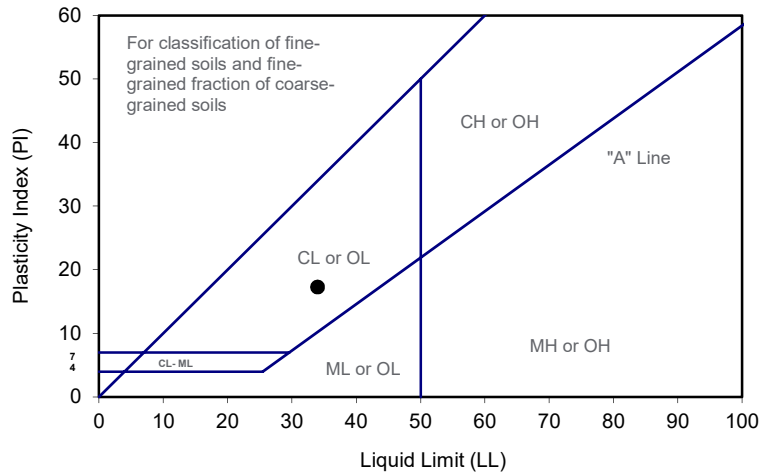
TEST NO.	PLASTIC LIMIT		LIQUID LIMIT			
	1	2	1	2	3	4
Number of Blows [N]			34	25	15	
Wet Wt. of Soil + Cont. (g)	10.21	10.20	20.36	20.23	21.00	
Dry Wt. of Soil + Cont. (g)	8.90	8.89	15.65	15.33	15.77	
Wt. of Container (g)	1.08	1.06	1.10	1.09	1.12	
Moisture Content (%) [W _n]	16.75	16.73	32.37	34.41	35.70	

Liquid Limit	34
Plastic Limit	17
Plasticity Index	17
Classification	CL

PI at "A" - Line = $0.73(LL-20)$ 10.22

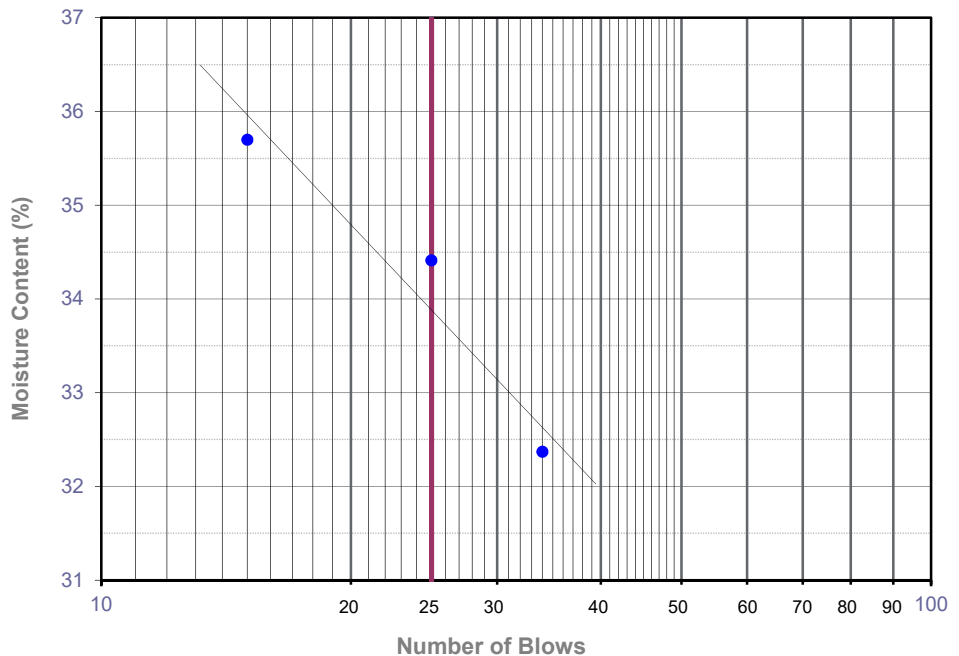
One - Point Liquid Limit Calculation

$$LL = W_n(N/25)^{0.121}$$



PROCEDURES USED

- Wet Preparation
Multipoint - Wet
- Dry Preparation
Multipoint - Dry
- Procedure A
Multipoint Test
- Procedure B
One-point Test



ATTERBERG LIMITS ASTM D 4318

Project Name: Los Alamitos Tested By: S. Felter Date: 12/03/21
 Project No. : 21198-01 Input By: J. Ward Date: 12/14/21
 Boring No.: HS-2 Checked By: J. Ward
 Sample No.: SPT-2 Depth (ft.) 30.0
 Soil Identification: Olive gray lean clay (CL)

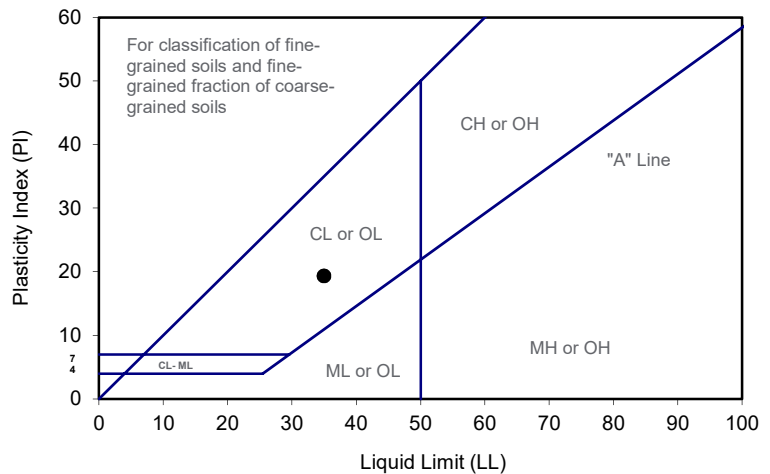
TEST NO.	PLASTIC LIMIT		LIQUID LIMIT			
	1	2	1	2	3	4
Number of Blows [N]			35	25	18	
Wet Wt. of Soil + Cont. (g)	10.49	10.83	20.53	20.10	21.13	
Dry Wt. of Soil + Cont. (g)	9.24	9.48	15.72	15.13	15.74	
Wt. of Container (g)	1.08	1.06	1.12	1.07	1.08	
Moisture Content (%) [W _n]	15.32	16.03	32.95	35.35	36.77	

Liquid Limit	35
Plastic Limit	16
Plasticity Index	19
Classification	CL

PI at "A" - Line = $0.73(LL-20)$ 10.95

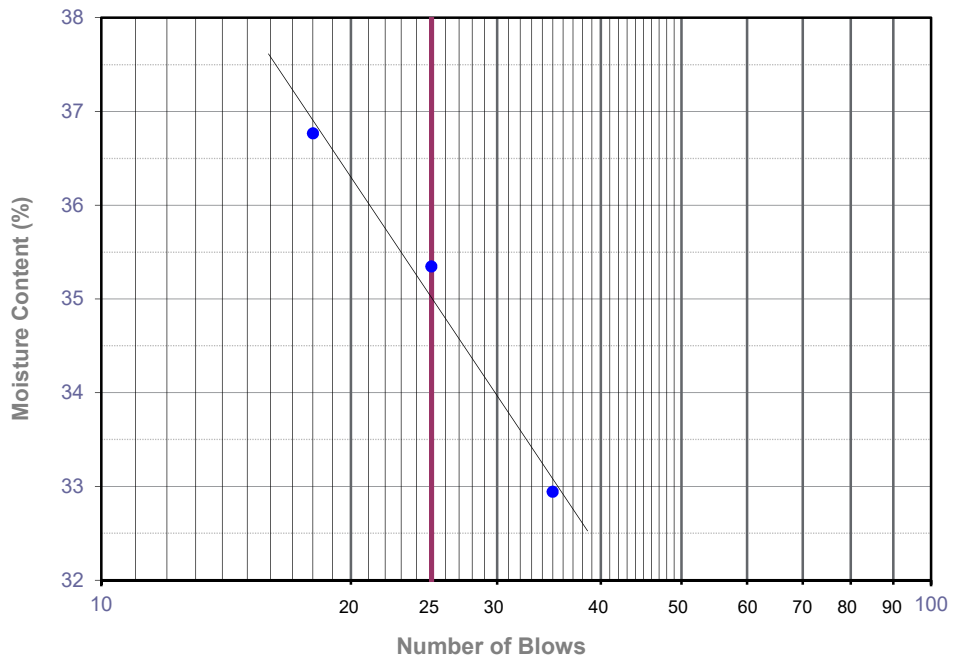
One - Point Liquid Limit Calculation

$$LL = W_n(N/25)^{0.121}$$



PROCEDURES USED

- Wet Preparation
Multipoint - Wet
- Dry Preparation
Multipoint - Dry
- Procedure A
Multipoint Test
- Procedure B
One-point Test



ATTERBERG LIMITS ASTM D 4318

Project Name: Los Alamitos Tested By: S. Felter Date: 12/03/21
 Project No. : 21198-01 Input By: J. Ward Date: 12/14/21
 Boring No.: HS-3 Checked By: J. Ward
 Sample No.: R-3 Depth (ft.) 7.5
 Soil Identification: Olive brown lean clay (CL)

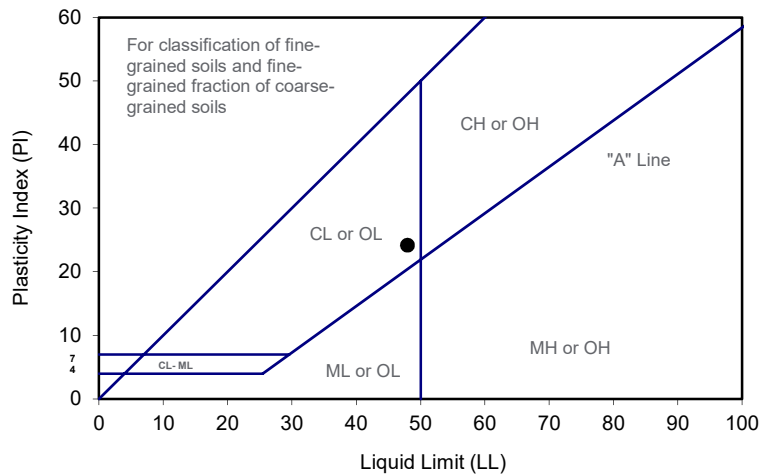
TEST NO.	PLASTIC LIMIT		LIQUID LIMIT			
	1	2	1	2	3	4
Number of Blows [N]			34	28	21	
Wet Wt. of Soil + Cont. (g)	10.09	10.02	20.94	20.13	20.15	
Dry Wt. of Soil + Cont. (g)	8.36	8.30	14.72	14.05	13.85	
Wt. of Container (g)	1.04	1.14	1.05	1.03	1.01	
Moisture Content (%) [W _n]	23.63	24.02	45.50	46.70	49.07	

Liquid Limit	48
Plastic Limit	24
Plasticity Index	24
Classification	CL

PI at "A" - Line = $0.73(LL-20)$ 20.44

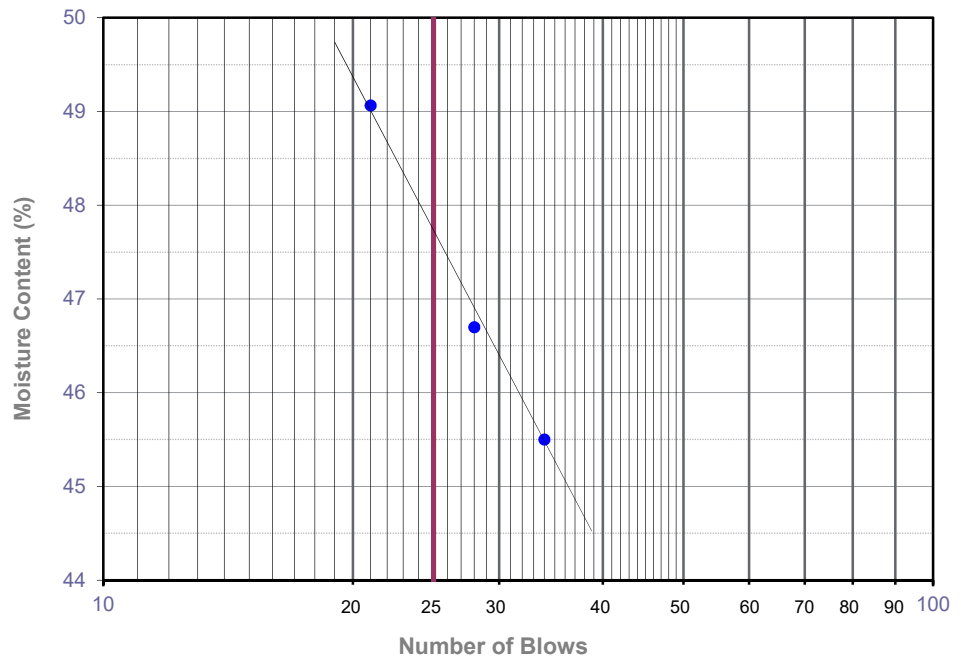
One - Point Liquid Limit Calculation

$$LL = W_n(N/25)^{0.121}$$

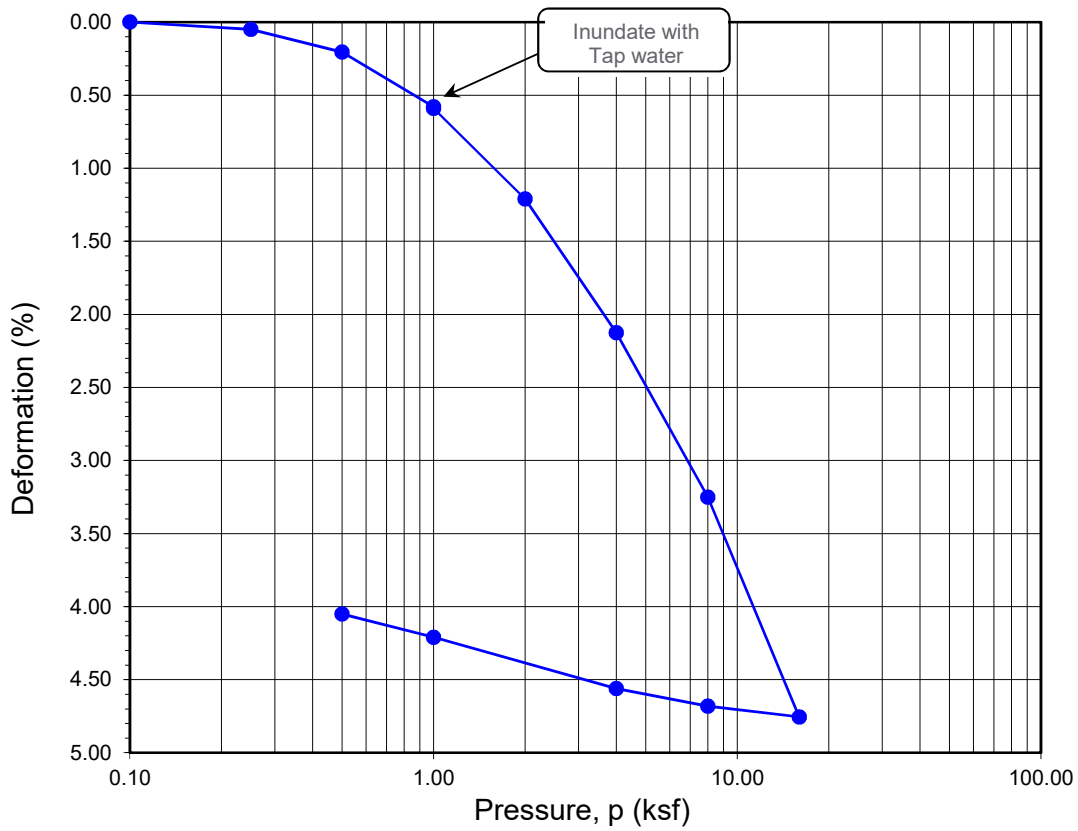
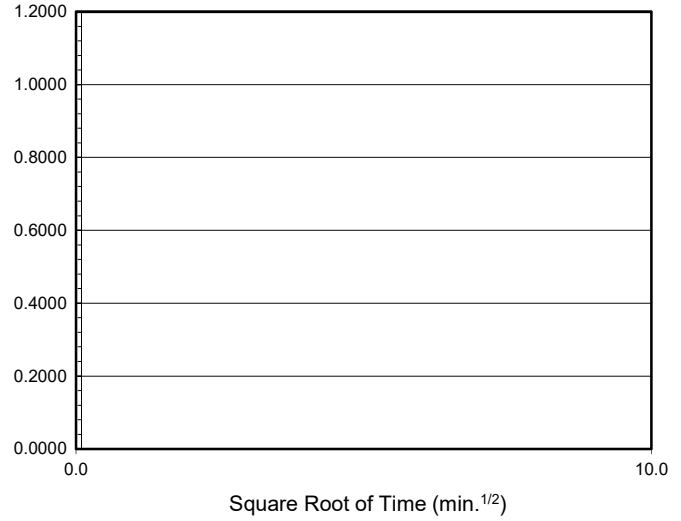
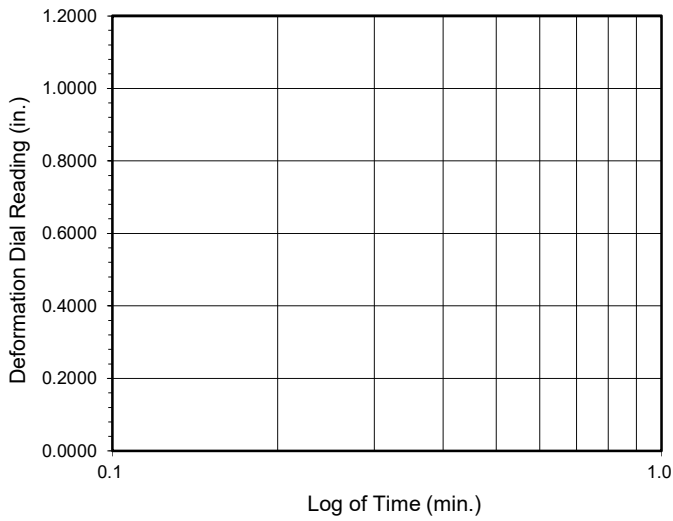


PROCEDURES USED

- Wet Preparation
Multipoint - Wet
- Dry Preparation
Multipoint - Dry
- Procedure A
Multipoint Test
- Procedure B
One-point Test



Time Readings



Boring No.	Sample No.	Depth (ft.)	Moisture Content (%)		Dry Density (pcf)		Void Ratio		Degree of Saturation (%)	
			Initial	Final	Initial	Final	Initial	Final	Initial	Final
HS-2	R-3	7.5	33.2	27.0	91.1	96.3	0.932	0.853	100	92

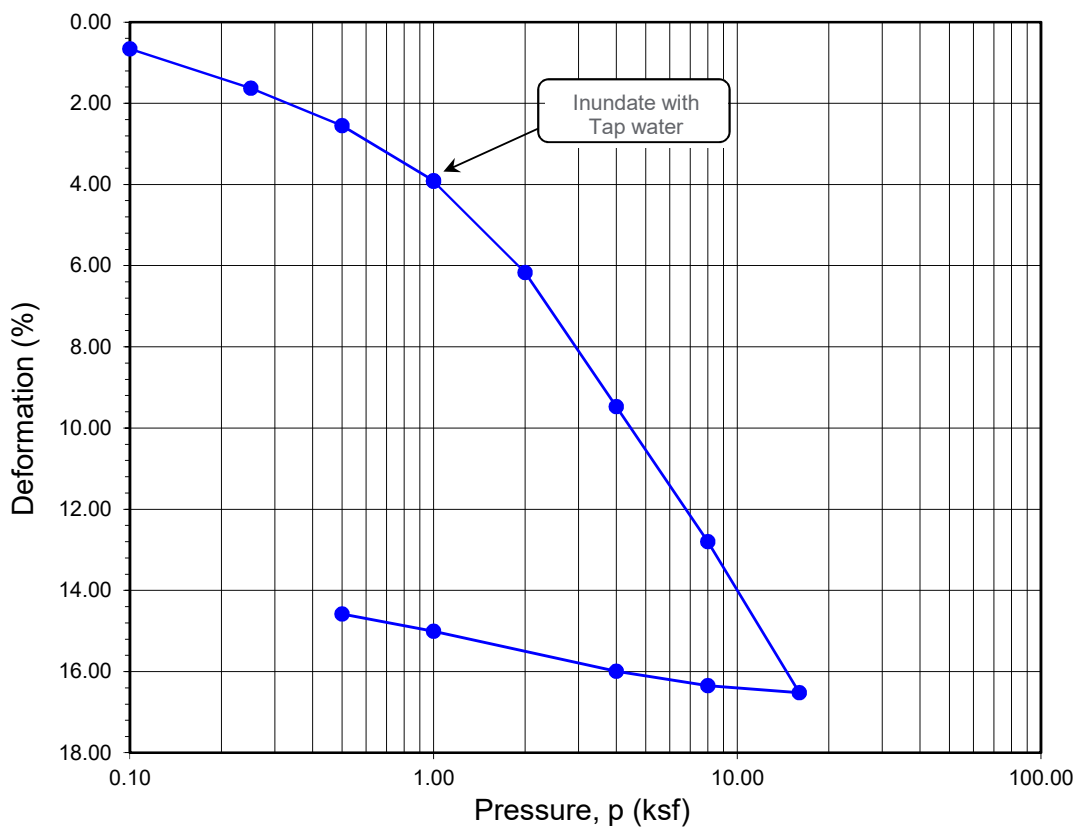
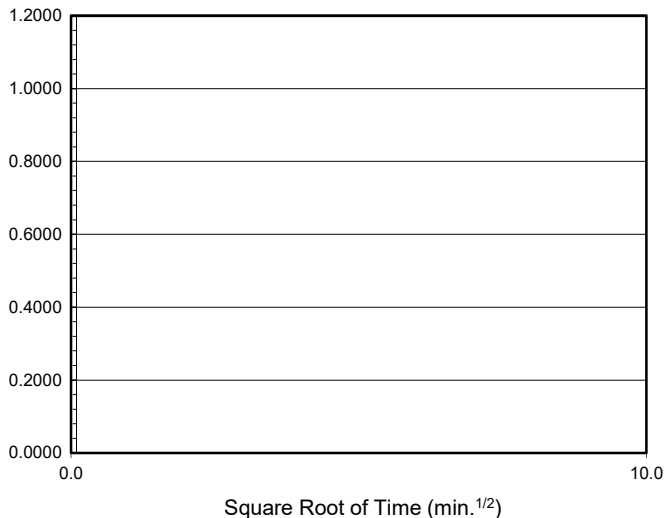
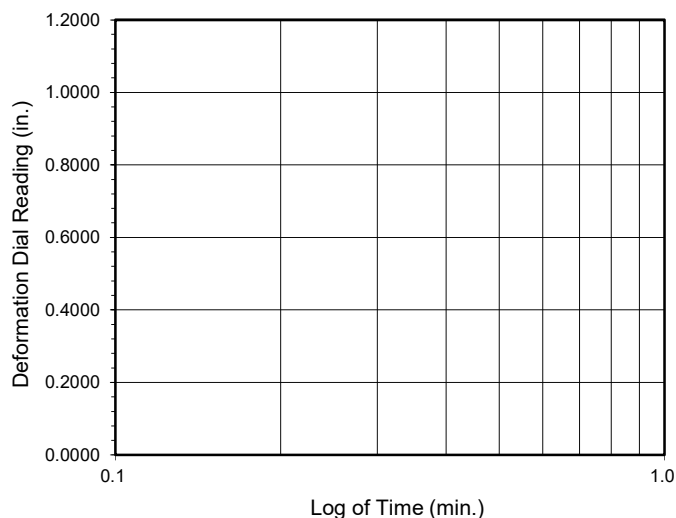
Soil Identification: Light olive brown lean clay (CL)

**ONE-DIMENSIONAL CONSOLIDATION
PROPERTIES of SOILS
ASTM D 2435**

Project No.: 21198-01

Los Alamitos

Time Readings



Boring No.	Sample No.	Depth (ft.)	Moisture Content (%)		Dry Density (pcf)		Void Ratio		Degree of Saturation (%)	
			Initial	Final	Initial	Final	Initial	Final	Initial	Final
HS-3	R-3	7.5	35.4	22.5	89.4	107.2	1.019	0.724	100	95

Soil Identification: Olive brown lean clay (CL)

**ONE-DIMENSIONAL CONSOLIDATION
PROPERTIES of SOILS
ASTM D 2435**

Project No.: 21198-01

Los Alamitos

DIRECT SHEAR TEST
Consolidated Drained - ASTM D 3080

Project Name: [Los Alamitos](#) Tested By: [G. Bathala](#) Date: [12/07/21](#)
 Project No.: [21198-01](#) Checked By: [J. Ward](#) Date: [12/14/21](#)
 Boring No.: [HS-3](#) Sample Type: [Ring](#)
 Sample No.: [B-1](#) Depth (ft.): [1-5](#)
 Soil Identification: [Dark olive brown clayey sand \(SC\)](#)

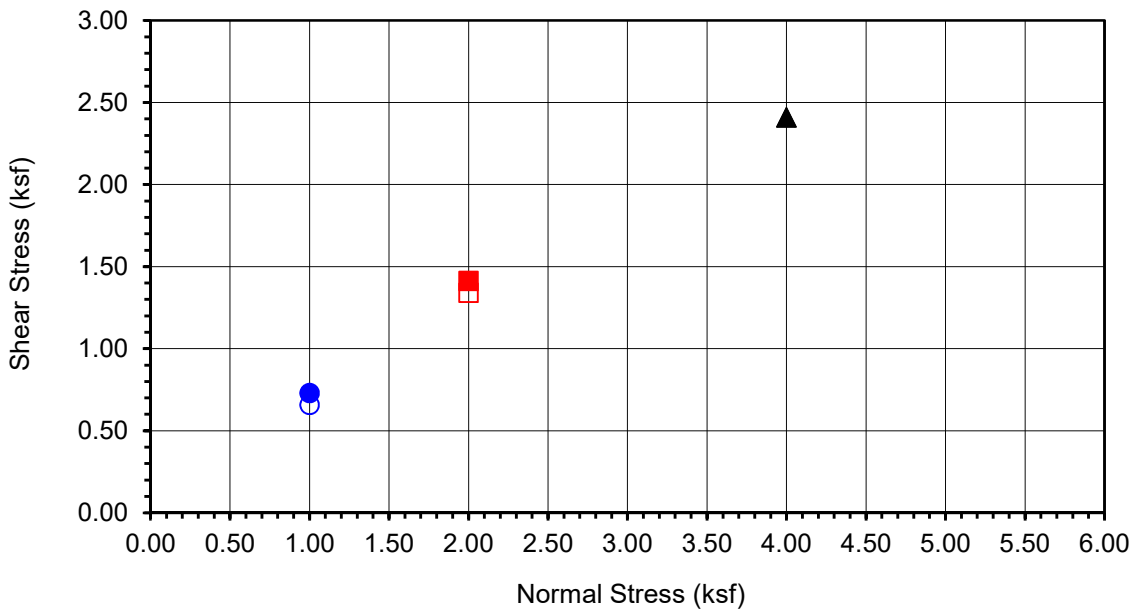
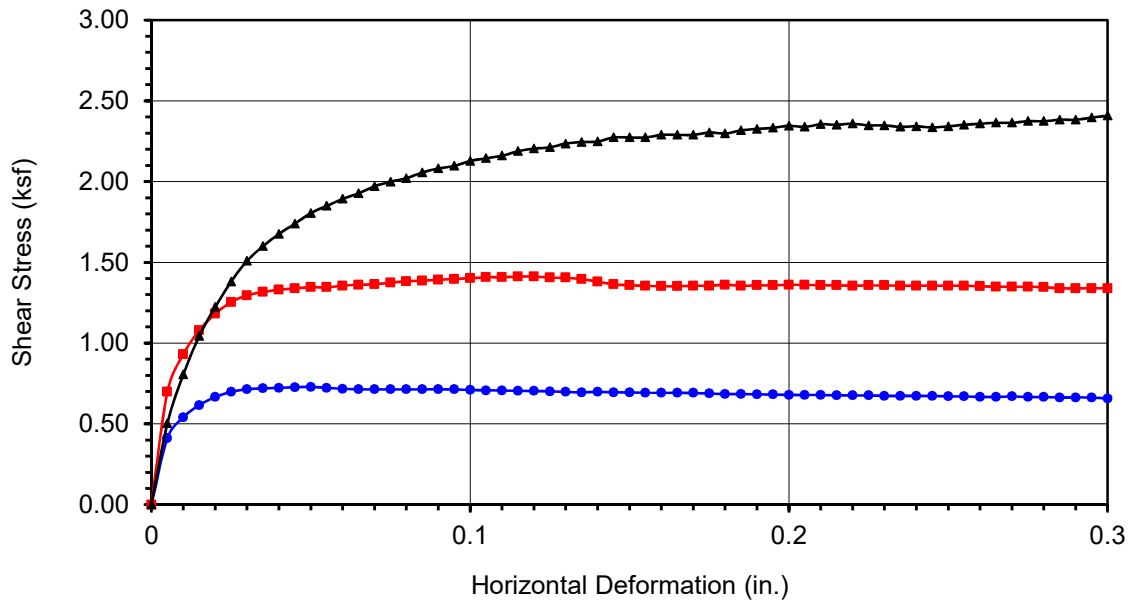
Sample Diameter(in):	2.415	2.415	2.415
Sample Thickness(in.):	1.000	1.000	1.000
Weight of Sample + ring(gm):	187.01	186.85	187.84
Weight of Ring(gm):	45.35	44.87	45.57

Before Shearing

Weight of Wet Sample+Cont.(gm):	163.89	163.89	163.89
Weight of Dry Sample+Cont.(gm):	151.63	151.63	151.63
Weight of Container(gm):	57.48	57.48	57.48
Vertical Rdg.(in): Initial	0.2546	0.2461	0.0000
Vertical Rdg.(in): Final	0.2615	0.2585	-0.0239

After Shearing

Weight of Wet Sample+Cont.(gm):	213.85	185.81	215.32
Weight of Dry Sample+Cont.(gm):	188.00	160.70	191.32
Weight of Container(gm):	64.02	36.53	68.15
Specific Gravity (Assumed):	2.70	2.70	2.70
Water Density(pcf):	62.43	62.43	62.43



Boring No.	HS-3
Sample No.	B-1
Depth (ft)	1-5
<u>Sample Type:</u>	
Ring	
<u>Soil Identification:</u>	
Dark olive brown clayey sand (SC)	

Normal Stress (kip/ft ²)	1.000	2.000	4.000
Peak Shear Stress (kip/ft ²)	● 0.729	■ 1.412	▲ 2.408
Shear Stress @ End of Test (ksf)	○ 0.657	□ 1.339	△ 2.408
Deformation Rate (in./min.)	0.0017	0.0017	0.0017
Initial Sample Height (in.)	1.000	1.000	1.000
Diameter (in.)	2.415	2.415	2.415
Initial Moisture Content (%)	13.02	13.02	13.02
Dry Density (pcf)	104.2	104.5	104.7
Saturation (%)	57.0	57.3	57.6
Soil Height Before Shearing (in.)	0.9931	0.9876	0.9761
Final Moisture Content (%)	20.9	20.2	19.5

DIRECT SHEAR TEST RESULTS
Consolidated Drained - ASTM D 3080

Project No.: 21198-01

Los Alamitos

Appendix D
Infiltration Test Data

Infiltration Test Data Sheet

LGC Geotechnical, Inc

131 Calle Iglesia Suite 200, San Clemente, CA 92672 tel. (949) 369-6141

Project Name: MWIG - Los Alamitos
Project Number: 21198-01
Date: 11/12/2021
Boring Number: I-1

Test hole dimensions (if circular)	
Boring Depth (feet)*:	<u>5</u>
Boring Diameter (inches):	<u>8</u>
Pipe Diameter (inches):	<u>3</u>

Test pit dimensions (if rectangular)	
Pit Depth (feet):	<u> </u>
Pit Length (feet):	<u> </u>
Pit Breadth (feet):	<u> </u>

Pre-Test (Sandy Soil Criteria)*

Trial No.	Start Time (24:HR)	Stop Time (24:HR)	Time Interval (min)	Initial Depth to Water (feet)	Final Depth to Water (feet)	Total Change in Water Level (feet)	Greater Than or Equal to 0.5 feet (yes/no)
1	8:47	9:12	25.0	2.52	2.54	0.02	No
2	9:12	9:37	25.0	2.54	2.56	0.02	No

*If two consecutive measurements show that six inches of water seeps away in less than 25 minutes, the test shall be run for an additional hour with measurements taken every 10 minutes. Otherwise, pre-soak (fill) overnight, and then obtain at least twelve measurements per hole over at least six hours (approximately 30 minute intervals) with a precision of at least 0.25 inches

Main Test Data

Trial No.	Start Time (24:HR)	Stop Time (24:HR)	Time Interval, Δt (min)	Initial Depth to Water, D_o (feet)	Final Depth to Water, D_f (feet)	Change in Water Level, ΔD (feet)	Calculated Infiltration Rate(in/hr)
1	9:37	10:07	30.0	2.56	2.57	0.01	0.02
2	10:07	10:37	30.0	2.57	2.58	0.01	0.02
3	10:37	11:07	30.0	2.58	2.59	0.01	0.02
4	11:07	11:37	30.0	2.59	2.60	0.01	0.02
5	11:37	12:07	30.0	2.60	2.61	0.01	0.02
6	12:07	12:37	30.0	2.61	2.62	0.01	0.02
7	12:37	13:07	30.0	2.62	2.63	0.01	0.02
8	13:07	13:37	30.0	2.63	2.64	0.01	0.02
9	13:37	14:07	30.0	2.64	2.66	0.02	0.03
10	14:07	14:37	30.0	2.66	2.67	0.01	0.02
11	14:37	15:07	30.0	2.67	2.68	0.01	0.02
12	15:07	15:37	30.0	2.68	2.70	0.02	0.03

Calculated Infiltration Rate (No factors of safety)	0.03
Factor of Safety	
Calculated Infiltration Rate (With Factor of Safety)	

Sketch:

Notes:



Infiltration Test Data Sheet

LGC Geotechnical, Inc

131 Calle Iglesia Suite 200, San Clemente, CA 92672 tel. (949) 369-6141

Project Name: MWIG - Los Alamitos
Project Number: 21198-01
Date: 11/12/2021
Boring Number: I-2

Test hole dimensions (if circular)

Boring Depth (feet)*: 5
 Boring Diameter (inches): 8
 Pipe Diameter (inches): 3

Test pit dimensions (if rectangular)

Pit Depth (feet): _____
 Pit Length (feet): _____
 Pit Breadth (feet): _____

Pre-Test (Sandy Soil Criteria)*

Trial No.	Start Time (24:HR)	Stop Time (24:HR)	Time Interval (min)	Initial Depth to Water (feet)	Final Depth to Water (feet)	Total Change in Water Level (feet)	Greater Than or Equal to 0.5 feet (yes/no)
1	8:54	9:19	25.0	2.72	2.74	0.02	No
2	9:19	9:44	25.0	2.74	2.75	0.01	No

*If two consecutive measurements show that six inches of water seeps away in less than 25 minutes, the test shall be run for an additional hour with measurements taken every 10 minutes. Otherwise, pre-soak (fill) overnight, and then obtain at least twelve measurements per hole over at least six hours (approximately 30 minute intervals) with a precision of at least 0.25 inches

Main Test Data

Trial No.	Start Time (24:HR)	Stop Time (24:HR)	Time Interval, Δt (min)	Initial Depth to Water, D_o (feet)	Final Depth to Water, D_f (feet)	Change in Water Level, ΔD (feet)	Calculated Infiltration Rate (in/hr)
1	9:44	10:14	30.0	2.75	2.76	0.01	0.02
2	10:14	10:44	30.0	2.76	2.77	0.01	0.02
3	10:44	11:14	30.0	2.77	2.78	0.01	0.02
4	11:14	11:44	30.0	2.78	2.80	0.02	0.03
5	11:44	12:14	30.0	2.80	2.81	0.01	0.02
6	12:14	12:44	30.0	2.81	2.82	0.01	0.02
7	12:44	13:14	30.0	2.82	2.83	0.01	0.02
8	13:14	13:44	30.0	2.83	2.85	0.02	0.03
9	13:44	14:14	30.0	2.85	2.87	0.02	0.03
10	14:14	14:44	30.0	2.87	2.88	0.01	0.02
11	14:44	15:14	30.0	2.88	2.89	0.01	0.02
12	15:14	15:44	30.0	2.89	2.91	0.02	0.04

Calculated Infiltration Rate (No factors of safety)	0.04
Factor of Safety	
Calculated Infiltration Rate (With Factor of Safety)	

Sketch:

Notes:

Based on Guidelines from: Orange County 12/20/2013

Spreadsheet Revised on: 10/26/2016



Appendix E
General Earthwork and Grading Specifications for
Rough Grading

General Earthwork and Grading Specifications for Rough Grading

1.0 General

1.1 Intent

These General Earthwork and Grading Specifications are for the grading and earthwork shown on the approved grading plan(s) and/or indicated in the geotechnical report(s). These Specifications are a part of the recommendations contained in the geotechnical report(s). In case of conflict, the specific recommendations in the geotechnical report shall supersede these more general Specifications. Observations of the earthwork by the project Geotechnical Consultant during the course of grading may result in new or revised recommendations that could supersede these specifications or the recommendations in the geotechnical report(s).

1.2 The Geotechnical Consultant of Record

Prior to commencement of work, the owner shall employ a qualified Geotechnical Consultant of Record (Geotechnical Consultant). The Geotechnical Consultant shall be responsible for reviewing the approved geotechnical report(s) and accepting the adequacy of the preliminary geotechnical findings, conclusions, and recommendations prior to the commencement of the grading.

Prior to commencement of grading, the Geotechnical Consultant shall review the "work plan" prepared by the Earthwork Contractor (Contractor) and schedule sufficient personnel to perform the appropriate level of observation, mapping, and compaction testing.

During the grading and earthwork operations, the Geotechnical Consultant shall observe, map, and document the subsurface exposures to verify the geotechnical design assumptions. If the observed conditions are found to be significantly different than the interpreted assumptions during the design phase, the Geotechnical Consultant shall inform the owner, recommend appropriate changes in design to accommodate the observed conditions, and notify the review agency where required.

The Geotechnical Consultant shall observe the moisture-conditioning and processing of the subgrade and fill materials and perform relative compaction testing of fill to confirm that the attained level of compaction is being accomplished as specified. The Geotechnical Consultant shall provide the test results to the owner and the Contractor on a routine and frequent basis.

1.3 The Earthwork Contractor

The Earthwork Contractor (Contractor) shall be qualified, experienced, and knowledgeable in earthwork logistics, preparation and processing of ground to receive fill, moisture-conditioning and processing of fill, and compacting fill. The Contractor shall review and accept the plans, geotechnical report(s), and these Specifications prior to commencement of grading. The Contractor shall be solely responsible for performing the grading in accordance with the project plans and specifications. The Contractor shall prepare and submit to the owner and the Geotechnical Consultant a work plan that indicates the sequence of earthwork grading, the number of "equipment" of work and the estimated quantities of daily earthwork

contemplated for the site prior to commencement of grading. The Contractor shall inform the owner and the Geotechnical Consultant of changes in work schedules and updates to the work plan at least 24 hours in advance of such changes so that appropriate personnel will be available for observation and testing. The Contractor shall not assume that the Geotechnical Consultant is aware of all grading operations.

The Contractor shall have the sole responsibility to provide adequate equipment and methods to accomplish the earthwork in accordance with the applicable grading codes and agency ordinances, these Specifications, and the recommendations in the approved geotechnical report(s) and grading plan(s). If, in the opinion of the Geotechnical Consultant, unsatisfactory conditions, such as unsuitable soil, improper moisture condition, inadequate compaction, insufficient buttress key size, adverse weather, etc., are resulting in a quality of work less than required in these specifications, the Geotechnical Consultant shall reject the work and may recommend to the owner that construction be stopped until the conditions are rectified. It is the contractor's sole responsibility to provide proper fill compaction.

2.0 Preparation of Areas to be Filled

2.1 Clearing and Grubbing

Vegetation, such as brush, grass, roots, and other deleterious material shall be sufficiently removed and properly disposed of in a method acceptable to the owner, governing agencies, and the Geotechnical Consultant.

The Geotechnical Consultant shall evaluate the extent of these removals depending on specific site conditions. Earth fill material shall not contain more than 1 percent of organic materials (by volume). Nesting of the organic materials shall not be allowed.

If potentially hazardous materials are encountered, the Contractor shall stop work in the affected area, and a hazardous material specialist shall be informed immediately for proper evaluation and handling of these materials prior to continuing to work in that area.

As presently defined by the State of California, most refined petroleum products (gasoline, diesel fuel, motor oil, grease, coolant, etc.) have chemical constituents that are considered to be hazardous waste. As such, the indiscriminate dumping or spillage of these fluids onto the ground may constitute a misdemeanor, punishable by fines and/or imprisonment, and shall not be allowed. The contractor is responsible for all hazardous waste relating to his work. The Geotechnical Consultant does not have expertise in this area. If hazardous waste is a concern, then the Client should acquire the services of a qualified environmental assessor.

2.2 Processing

Existing ground that has been declared satisfactory for support of fill by the Geotechnical Consultant shall be scarified to a minimum depth of 6 inches. Existing ground that is not satisfactory shall be over-excavated as specified in the following section. Scarification shall continue until soils are broken down and free of oversize material and the working surface is reasonably uniform, flat, and free of uneven features that would inhibit uniform compaction.

2.3 **Over-excavation**

In addition to removals and over-excavations recommended in the approved geotechnical report(s) and the grading plan, soft, loose, dry, saturated, spongy, organic-rich, highly fractured or otherwise unsuitable ground shall be over-excavated to competent ground as evaluated by the Geotechnical Consultant during grading.

2.4 **Benching**

Where fills are to be placed on ground with slopes steeper than 5:1 (horizontal to vertical units), the ground shall be stepped or benched. Please see the Standard Details for a graphic illustration. The lowest bench or key shall be a minimum of 15 feet wide and at least 2 feet deep, into competent material as evaluated by the Geotechnical Consultant. Other benches shall be excavated a minimum height of 4 feet into competent material or as otherwise recommended by the Geotechnical Consultant. Fill placed on ground sloping flatter than 5:1 shall also be benched or otherwise over-excavated to provide a flat subgrade for the fill.

2.5 **Evaluation/Acceptance of Fill Areas**

All areas to receive fill, including removal and processed areas, key bottoms, and benches, shall be observed, mapped, elevations recorded, and/or tested prior to being accepted by the Geotechnical Consultant as suitable to receive fill. The Contractor shall obtain a written acceptance from the Geotechnical Consultant prior to fill placement. A licensed surveyor shall provide the survey control for determining elevations of processed areas, keys, and benches.

3.0 **Fill Material**

3.1 **General**

Material to be used as fill shall be essentially free of organic matter and other deleterious substances evaluated and accepted by the Geotechnical Consultant prior to placement. Soils of poor quality, such as those with unacceptable gradation, high expansion potential, or low strength shall be placed in areas acceptable to the Geotechnical Consultant or mixed with other soils to achieve satisfactory fill material.

3.2 **Oversize**

Oversize material defined as rock, or other irreducible material with a maximum dimension greater than 8 inches, shall not be buried or placed in fill unless location, materials, and placement methods are specifically accepted by the Geotechnical Consultant. Placement operations shall be such that nesting of oversized material does not occur and such that oversize material is completely surrounded by compacted or densified fill. Oversize material shall not be placed within 10 vertical feet of finish grade or within 2 feet of future utilities or underground construction.

3.3 Import

If importing of fill material is required for grading, proposed import material shall meet the requirements of the geotechnical consultant. The potential import source shall be given to the Geotechnical Consultant at least 48 hours (2 working days) before importing begins so that its suitability can be determined and appropriate tests performed.

4.0 Fill Placement and Compaction

4.1 Fill Layers

Approved fill material shall be placed in areas prepared to receive fill (per Section 3.0) in near-horizontal layers not exceeding 8 inches in loose thickness. The Geotechnical Consultant may accept thicker layers if testing indicates the grading procedures can adequately compact the thicker layers. Each layer shall be spread evenly and mixed thoroughly to attain relative uniformity of material and moisture throughout.

4.2 Fill Moisture Conditioning

Fill soils shall be watered, dried back, blended, and/or mixed, as necessary to attain a relatively uniform moisture content at or slightly over optimum. Maximum density and optimum soil moisture content tests shall be performed in accordance with the American Society of Testing and Materials (ASTM Test Method D1557).

4.3 Compaction of Fill

After each layer has been moisture-conditioned, mixed, and evenly spread, it shall be uniformly compacted to not less than 90 percent of maximum dry density (ASTM Test Method D1557). Compaction equipment shall be adequately sized and be either specifically designed for soil compaction or of proven reliability to efficiently achieve the specified level of compaction with uniformity.

4.4 Compaction of Fill Slopes

In addition to normal compaction procedures specified above, compaction of slopes shall be accomplished by backrolling of slopes with sheepsfoot rollers at increments of 3 to 4 feet in fill elevation, or by other methods producing satisfactory results acceptable to the Geotechnical Consultant. Upon completion of grading, relative compaction of the fill, out to the slope face, shall be at least 90 percent of maximum density per ASTM Test Method D1557.

4.5 Compaction Testing

Field tests for moisture content and relative compaction of the fill soils shall be performed by the Geotechnical Consultant. Location and frequency of tests shall be at the Consultant's discretion based on field conditions encountered. Compaction test locations will not necessarily be selected on a random basis. Test locations shall be selected to verify adequacy of compaction levels in areas that are judged to be prone to inadequate compaction (such as close to slope faces and at the fill/bedrock benches).

4.6 Frequency of Compaction Testing

Tests shall be taken at intervals not exceeding 2 feet in vertical rise and/or 1,000 cubic yards of compacted fill soils embankment. In addition, as a guideline, at least one test shall be taken on slope faces for each 5,000 square feet of slope face and/or each 10 feet of vertical height of slope. The Contractor shall assure that fill construction is such that the testing schedule can be accomplished by the Geotechnical Consultant. The Contractor shall stop or slow down the earthwork construction if these minimum standards are not met.

4.7 Compaction Test Locations

The Geotechnical Consultant shall document the approximate elevation and horizontal coordinates of each test location. The Contractor shall coordinate with the project surveyor to assure that sufficient grade stakes are established so that the Geotechnical Consultant can determine the test locations with sufficient accuracy. At a minimum, two grade stakes within a horizontal distance of 100 feet and vertically less than 5 feet apart from potential test locations shall be provided.

5.0 Subdrain Installation

Subdrain systems shall be installed in accordance with the approved geotechnical report(s), the grading plan, and the Standard Details. The Geotechnical Consultant may recommend additional subdrains and/or changes in subdrain extent, location, grade, or material depending on conditions encountered during grading. All subdrains shall be surveyed by a land surveyor/civil engineer for line and grade after installation and prior to burial. Sufficient time should be allowed by the Contractor for these surveys.

6.0 Excavation

Excavations, as well as over-excavation for remedial purposes, shall be evaluated by the Geotechnical Consultant during grading. Remedial removal depths shown on geotechnical plans are estimates only. The actual extent of removal shall be determined by the Geotechnical Consultant based on the field evaluation of exposed conditions during grading. Where fill-over-cut slopes are to be graded, the cut portion of the slope shall be made, evaluated, and accepted by the Geotechnical Consultant prior to placement of materials for construction of the fill portion of the slope, unless otherwise recommended by the Geotechnical Consultant.

7.0 Trench Backfills

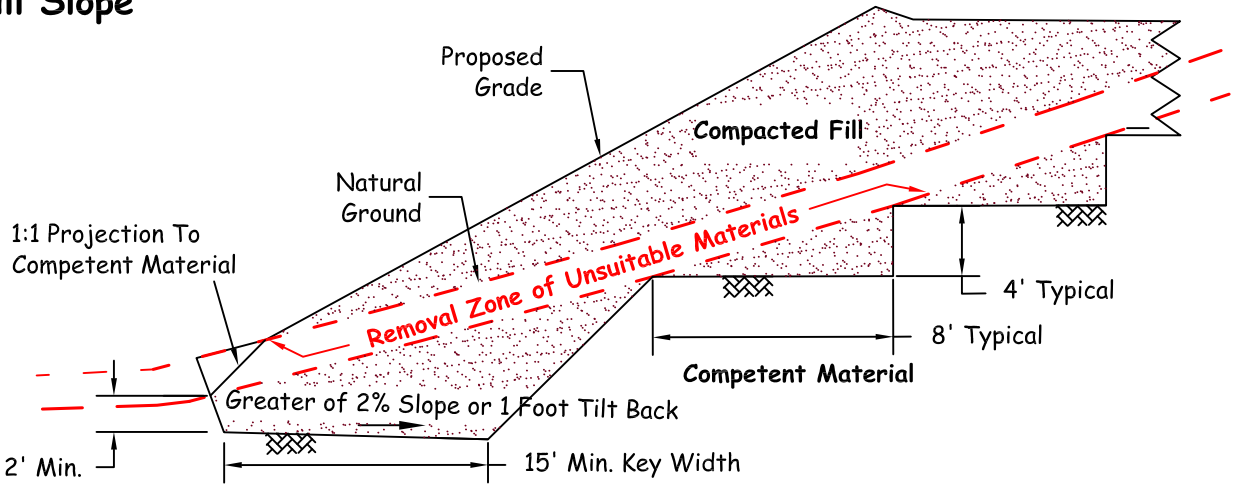
7.1 The Contractor shall follow all OSHA and Cal/OSHA requirements for safety of trench excavations.

7.2 All bedding and backfill of utility trenches shall be done in accordance with the applicable provisions of Standard Specifications of Public Works Construction. Bedding material shall have a Sand Equivalent greater than 30 (SE>30). The bedding shall be placed to 1 foot over

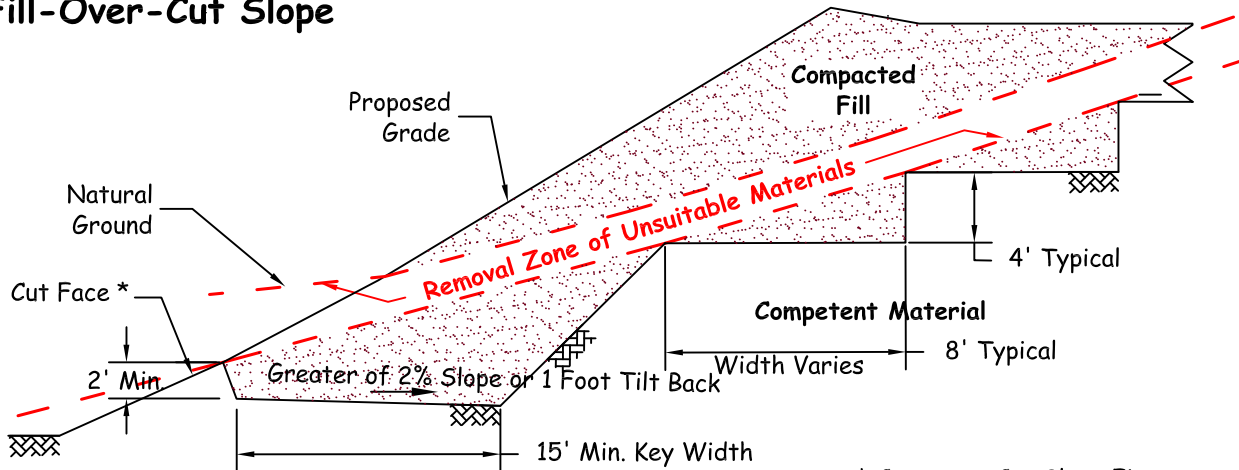
the top of the conduit and densified by jetting. Backfill shall be placed and densified to a minimum of 90 percent of maximum from 1 foot above the top of the conduit to the surface.

- 7.3 The jetting of the bedding around the conduits shall be observed by the Geotechnical Consultant.
- 7.4 The Geotechnical Consultant shall test the trench backfill for relative compaction. At least one test should be made for every 300 feet of trench and 2 feet of fill.
- 7.5 Lift thickness of trench backfill shall not exceed those allowed in the Standard Specifications of Public Works Construction unless the Contractor can demonstrate to the Geotechnical Consultant that the fill lift can be compacted to the minimum relative compaction by his alternative equipment and method.

Fill Slope

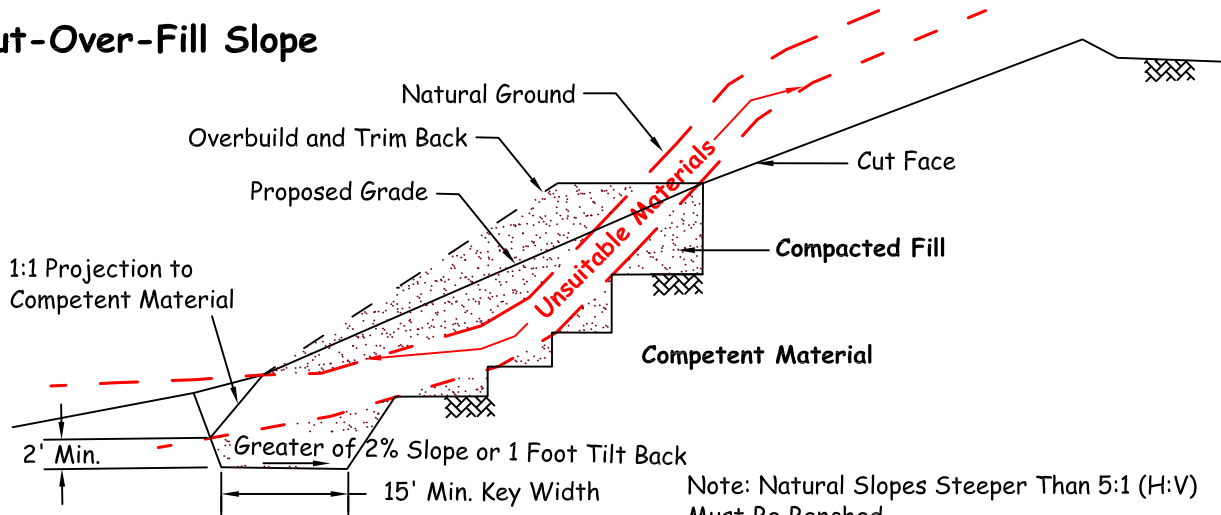


Fill-Over-Cut Slope



* Construct Cut Slope First

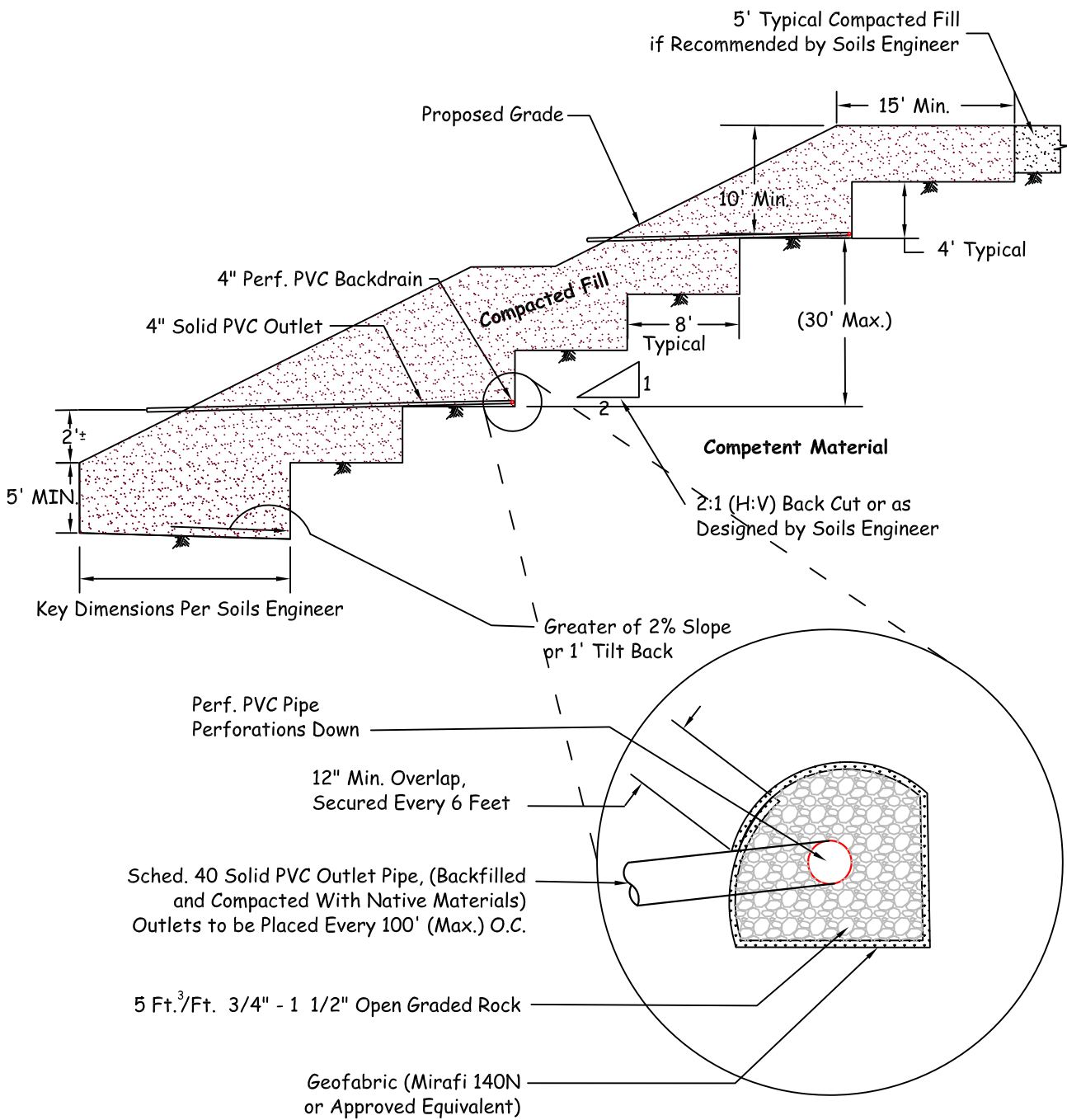
Cut-Over-Fill Slope



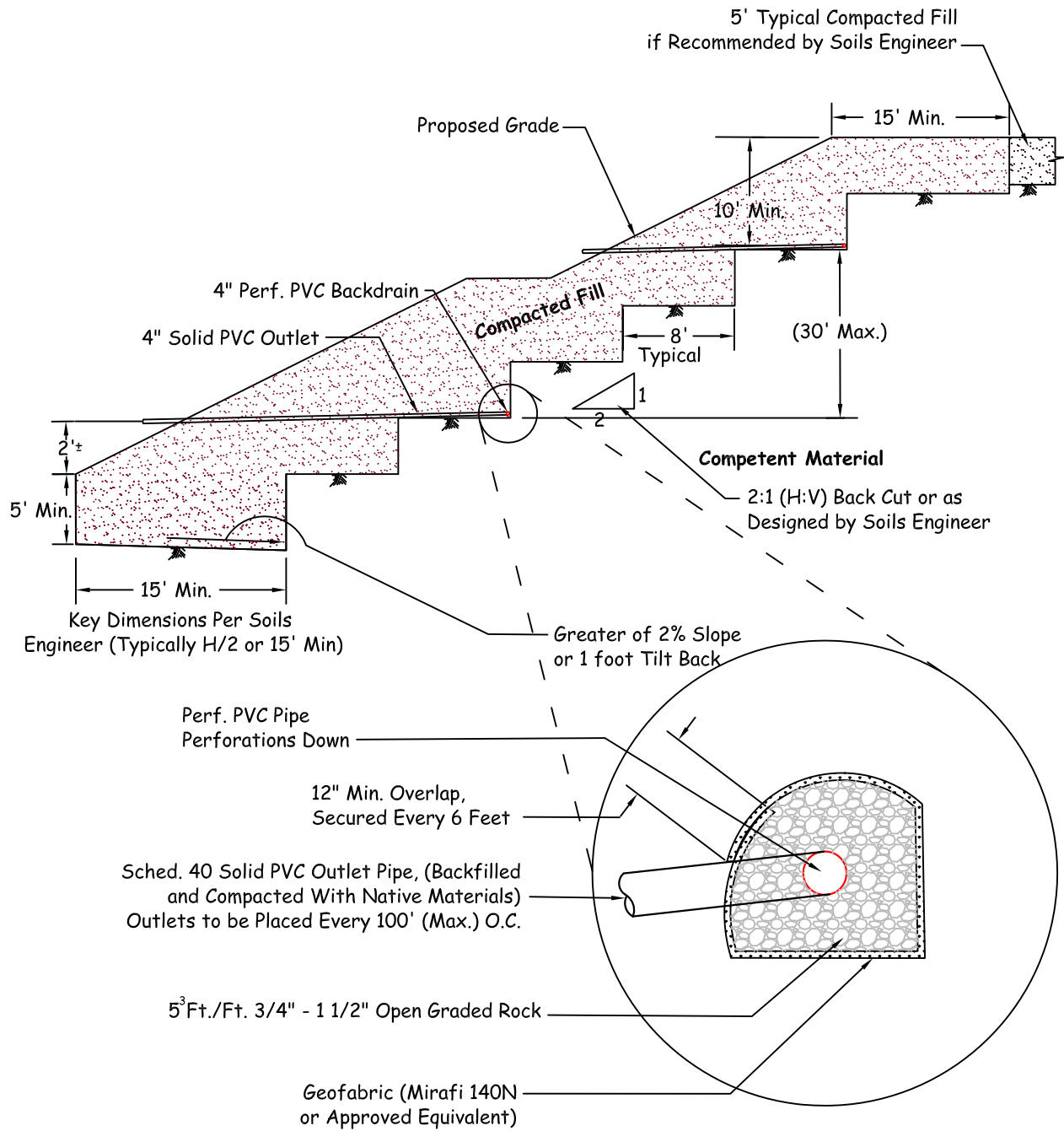
Note: Natural Slopes Steeper Than 5:1 (H:V) Must Be Benched.



KEYING AND BENCHING

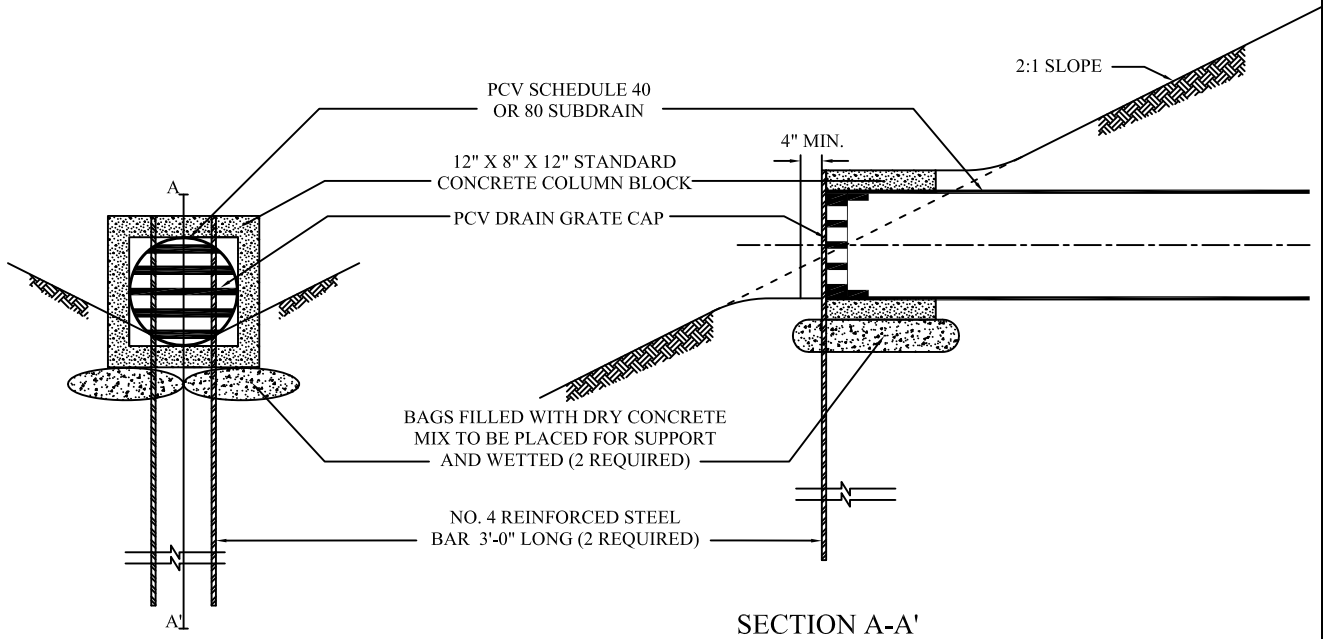


TYPICAL BUTTRESS DETAIL

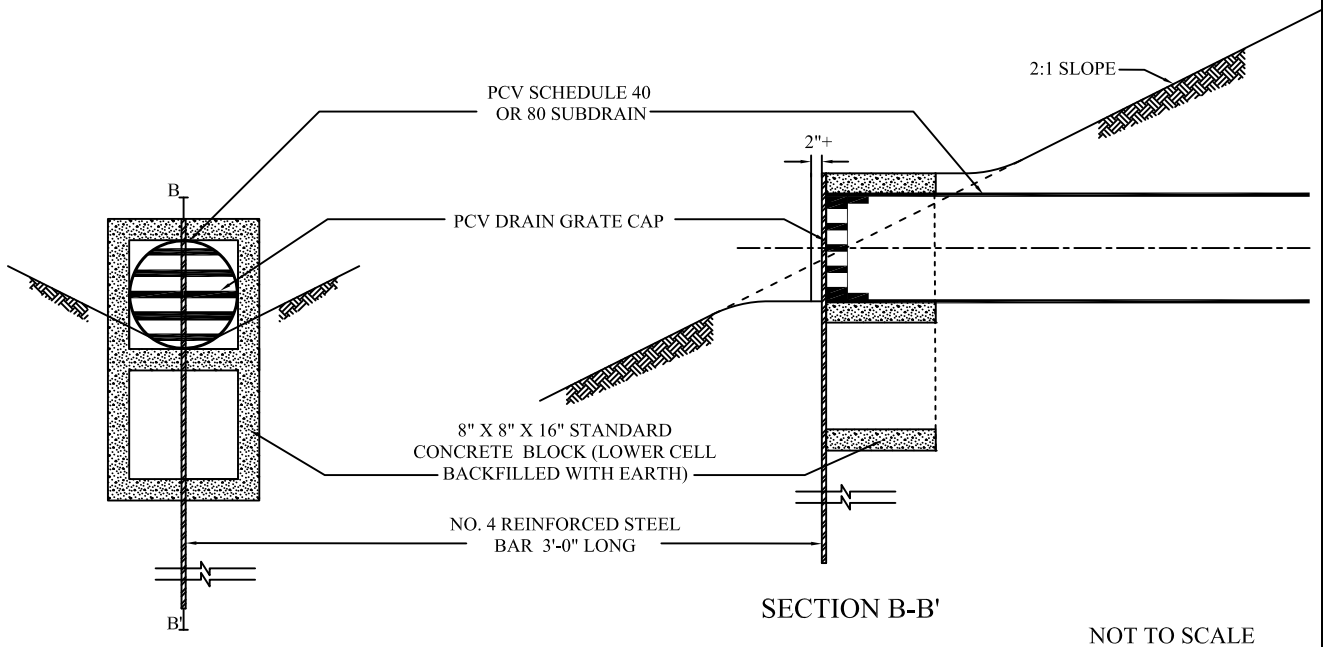


TYPICAL STABILIZATION FILL DETAIL

SUBDRAIN OUTLET MARKER -6" & 8" PIPE

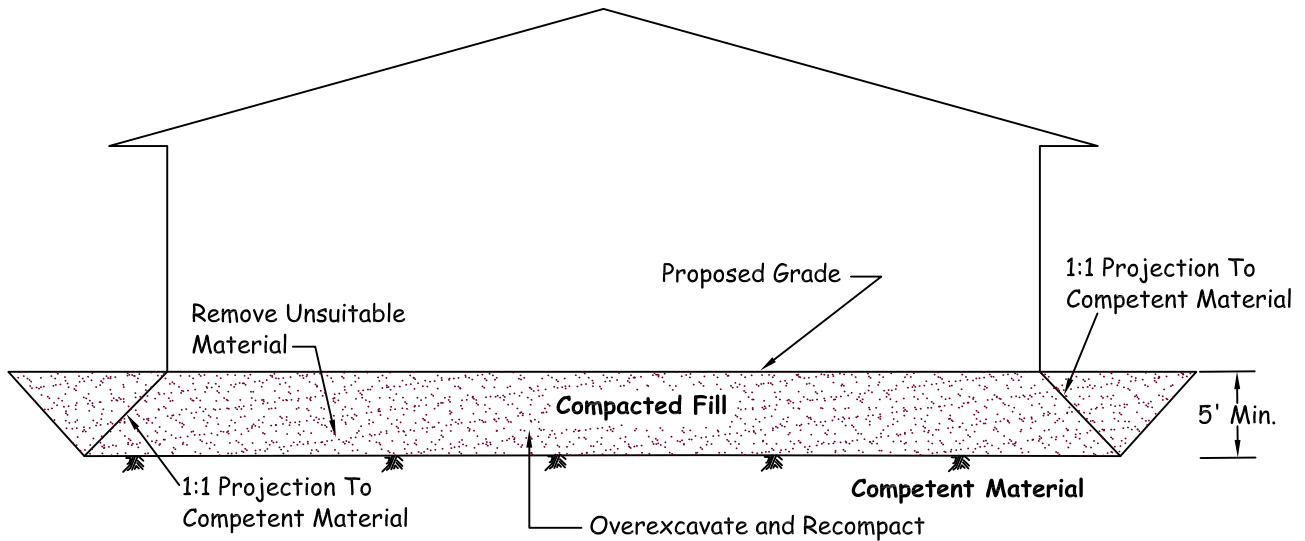


SUBDRAIN OUTLET MARKER -4" PIPE



**SUBDRAIN OUTLET
MARKER DETAIL**

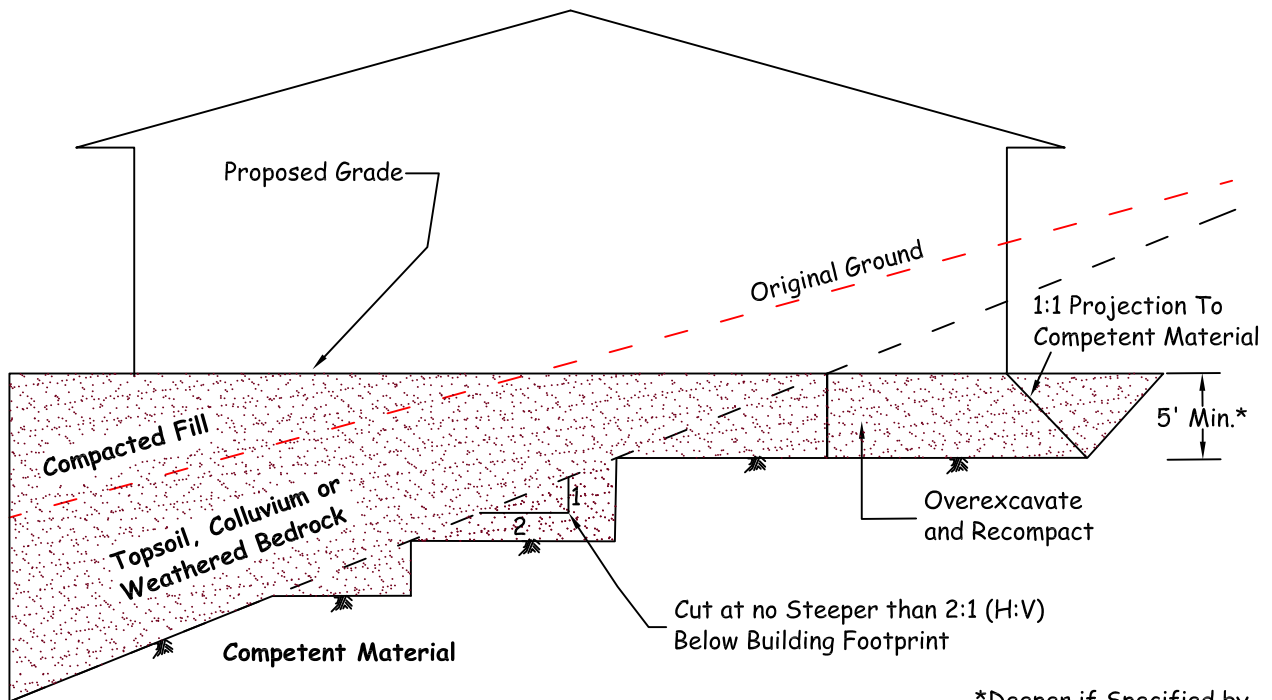
Cut Lot (Exposing Unsuitable Soils at Design Grade)



Note 1: Removal Bottom Should be Graded With Minimum 2% Fall Towards Street or Other Suitable Area (as Determined by Soils Engineer) to Avoid Ponding Below Building

Note 2: Where Design Cut Lots are Excavated Entirely Into Competent Material, Overexcavation May Still be Required for Hard-Rock Conditions or for Materials With Variable Expansion Characteristics.

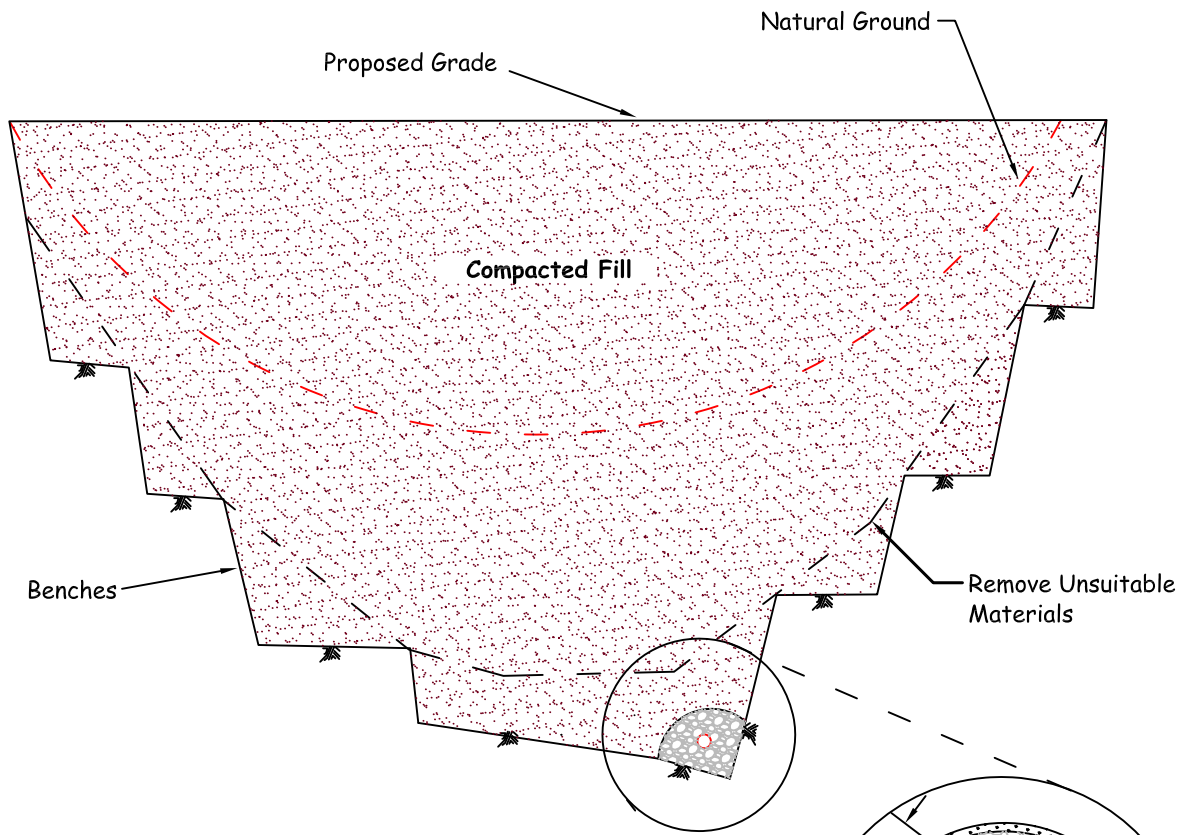
Cut/Fill Transition Lot



*Deeper if Specified by Soils Engineer



CUT AND TRANSITION LOT OVEREXCAVATION DETAIL



Notes:

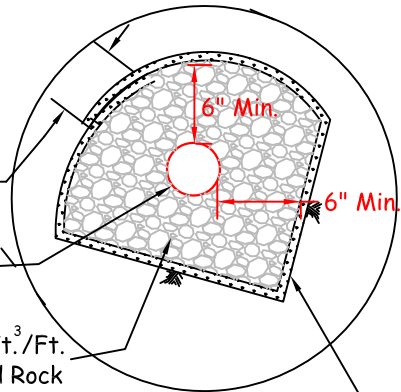
- 1) Continuous Runs in Excess of 500' Shall Use 8" Diameter Pipe.
- 2) Final 20' of Pipe at Outlet Shall be Solid and Backfilled with Fine-grained Material.

12" Min. Overlap, Secured Every 6 Feet

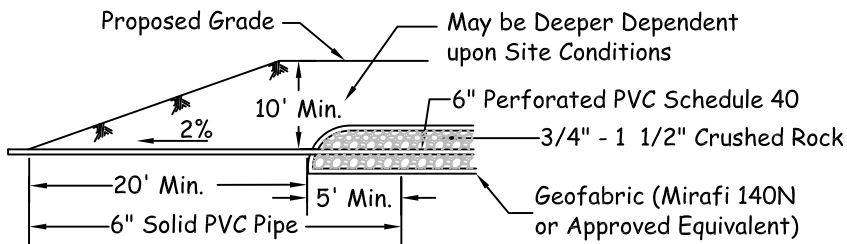
6" Collector Pipe (Sched. 40, Perf. PVC)

9 Ft.³/Ft. 3/4" - 1 1/2" Crushed Rock

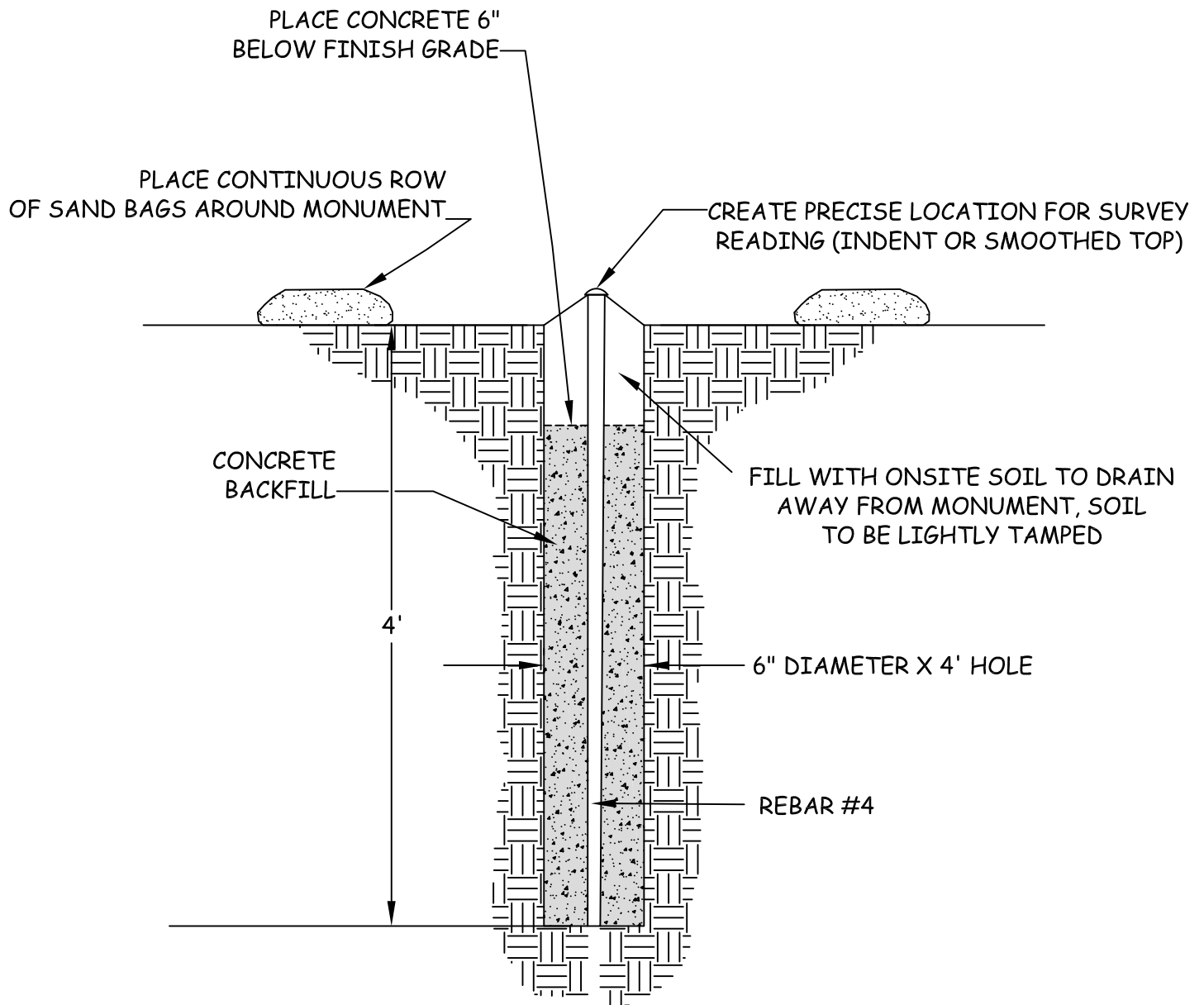
Geofabric (Mirafi 140N or Approved Equivalent)



Proposed Outlet Detail



CANYON SUBDRAINS

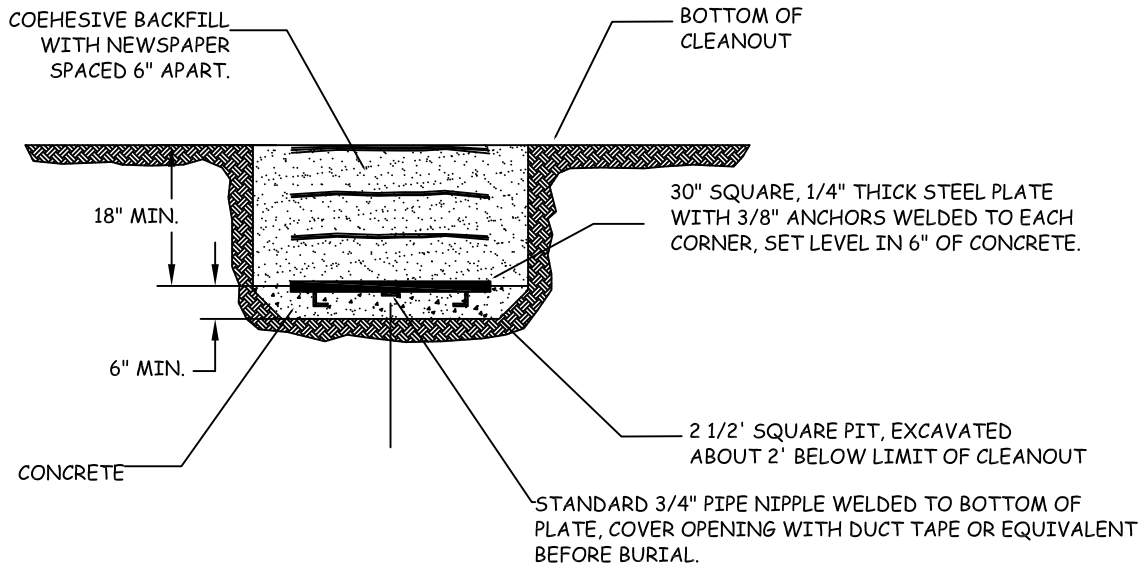
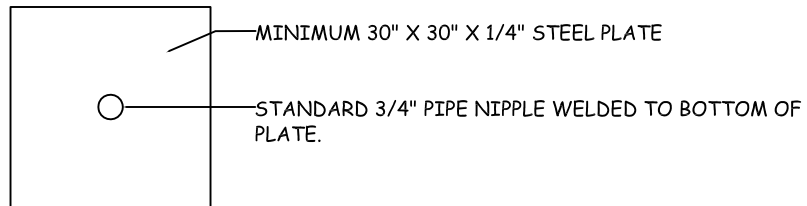


NO CONSTRUCTION EQUIPMENT WITHIN 25 FEET OF ANY INSTALLED SETTLEMENT MONUMENTS



TYPICAL SURFACE SETTLEMENT MONUMENT

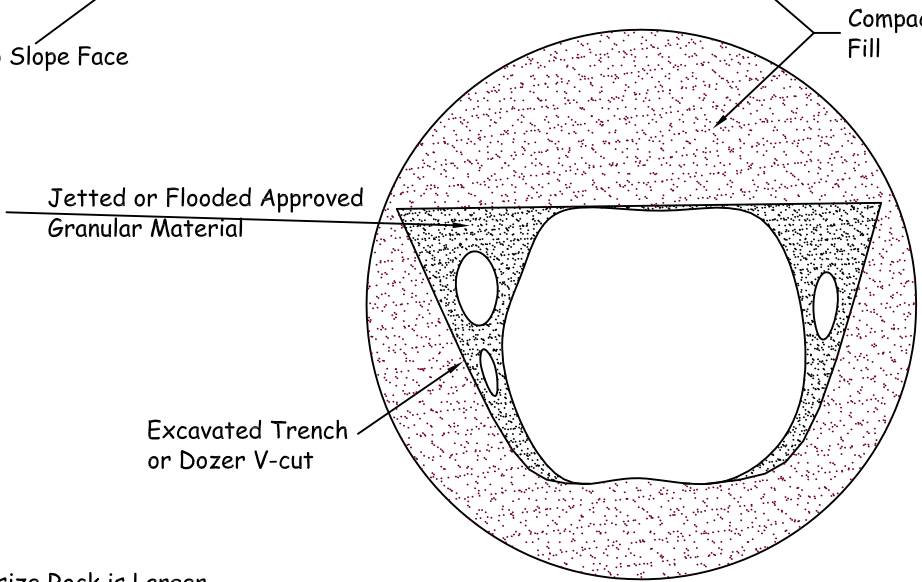
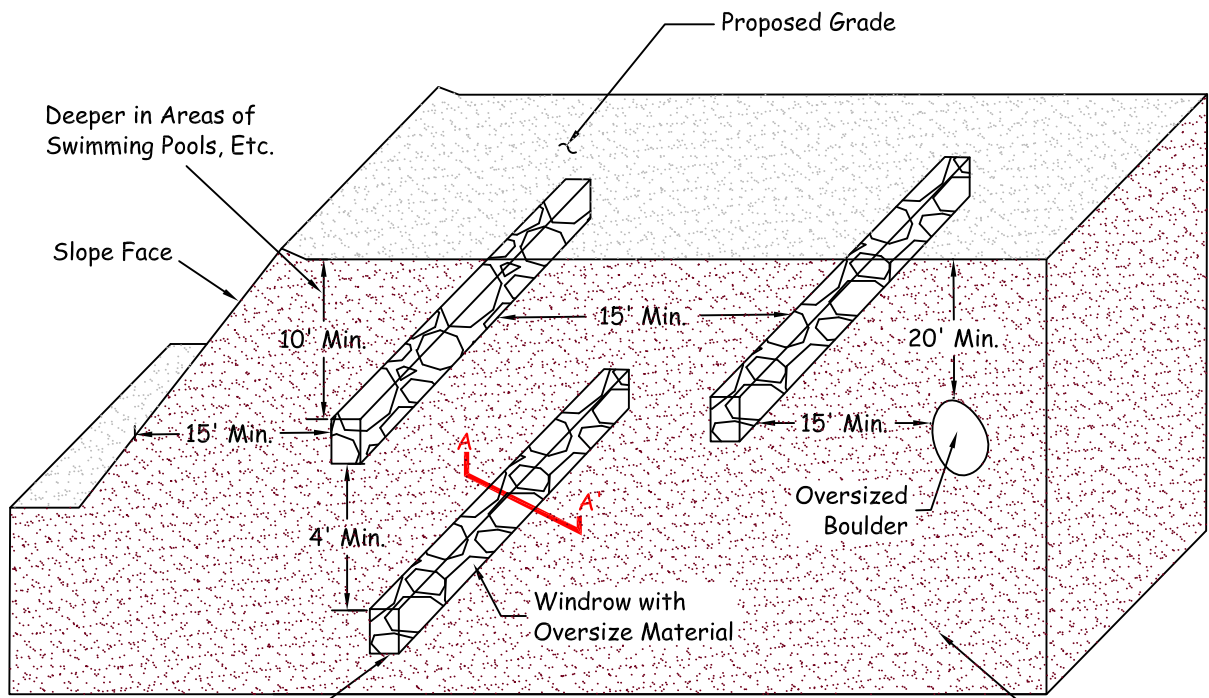
TOP VIEW



1. SURVEY FOR HORIZONTAL AND VERTICAL LOCATION TO NEAREST .01 INCH PRIOR TO BACKFILL USING KNOWN LOCATIONS THAT WILL REMAIN INTACT DURING THE DURATION OF THE MONITORING PROGRAM. KNOWN POINTS EXPLICITLY NOT ALLOWED ARE THOSE LOCATED ON FILL OR THAT WILL BE DESTROYED DURING GRADING.
2. IN THE EVENT OF DAMAGE TO SETTLEMENT PLATE DURING GRADING, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE GEOTECHNICAL ENGINEER AND SHALL BE RESPONSIBLE FOR RESTORING THE SETTLEMENT PLATES TO WORKING ORDER.
3. DRILL TO RECOVER AND ATTACH RISER PIPE.



TYPICAL SETTLEMENT PLATE AND RISER



Note: Oversize Rock is Larger than 8" in Maximum Dimension.

Section A-A'



OVERSIZE ROCK DISPOSAL DETAIL



Williams Aviation Consultants

Summary of Initial Findings

The project site is approximately 1,876' southeast of Los Alamitos Army Airfield (SLI) Runway 4R/22L Centerline (**Figure 1**). The project study area has an elevation of approximately 20' Above Mean Sea Level (AMSL) to the west and approximately 25' AMSL to the east. The proposed 35' Above Ground Level (AGL) buildings (**Figure 2**) will have maximum height of approximately 60' AMSL overall.

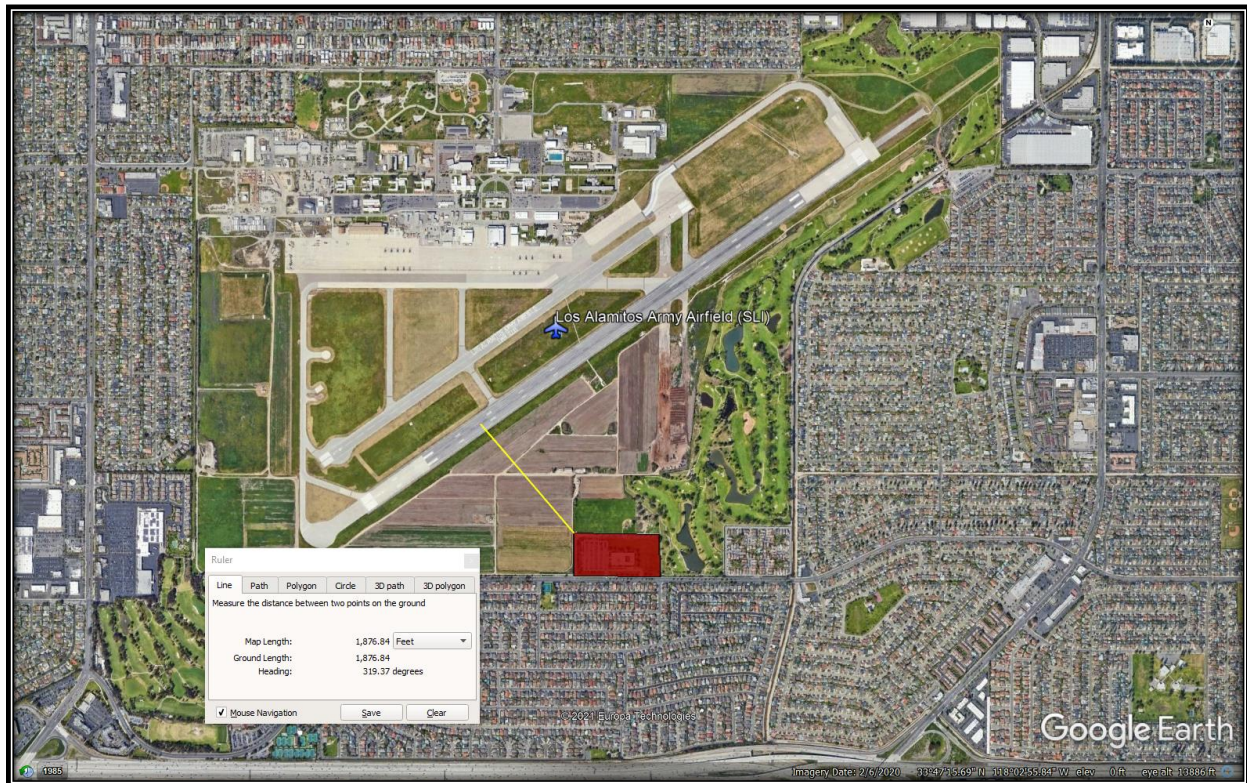


Figure 1 – Project Study Area



Figure 2 – Proposed Building Layout

CFR Part 77.9 Construction or alteration requiring notice.

Proposed construction requires notice if requested by the FAA, or if the proposed construction exceeds any of the following:

- 77.9 (a) Does Not Exceed (DNE) 200' AGL
- **77.9 (b) Exceeds Notification Surface**
- 77.9 (c) Not Applicable
- 77.9 (d) Not Applicable
- 77.9 (e) Not Applicable

Conclusion: The proposed 60' AMSL buildings will exceed the notification surface and will need to be formally submitted to the FAA with 7460-1 Notice of Proposed Construction Forms.

CFR Part 77.21 Department of Defense (DOD) airport imaginary surfaces.

CFR Part 77 Obstruction Surfaces are not used to determine if a structure will be a hazard to air navigation, rather, structures exceeding these criteria are studied closely by the FAA to determine if the structure will require mitigation or if the structure will impact terminal instrument procedures or visual flight rule traffic pattern airspace. Generally, a structure that exceeds CFR Part 77 Obstruction Standards will require mitigation such as lighting and/or marking in order to make it more conspicuous to airmen.

- 77.21 (a)(1) Inner Horizontal Surface: DNE
- 77.21 (a)(2) Conical Surface: DNE
- 77.21 (a)(3) Outer Horizontal Surface: DNE
- 77.21 (b)(1) Primary Surface: DNE

- 77.21 (b)(2) Clear Zone Surface: DNE
- 77.21 (b)(3) Approach Clearance Surface: DNE
- 77.21 (b)(4) Transitional Surface: DNE

Conclusion: Initial findings revealed the proposed 60' AMSL buildings will not exceed CFR Part 77 DOD Airport Imaginary Surfaces for SLI.

Terminal Instrument Procedures (TERPS)

A penetration to the Obstacle Clearance Surfaces (OCS) by a proposed structure would result in the need to increase the procedure's Minimum Descent Altitude (MDA) (the lowest altitude that a pilot can descend on an approach) and would likely receive a Hazard Determination from the FAA.

Conclusion: Initial findings revealed the proposed 60' AMSL buildings will not exceed the Instrument Approach, Circle-to-Land, VFR Traffic Pattern, or Departure Procedures at SLI.

FAA Order 6820.10 VOR, VOR/DME, and VORTAC Siting Criteria

Chapter 4. 17 (c) (3) (e) Structures: No structures should be permitted within 1000 feet of the antenna, except for buildings such as the transmitter building at a mountain top site located on a slope below the ground level of the antenna so that they are not visible from the antenna. All structures that are partly or entirely metallic shall subtend vertical angles of 1.2 degrees or less, measured from ground elevation the antenna site. Wooden structures with negligible metallic content and little prospect of future metallic additions (such as roofs and wiring) may be tolerated if subtending vertical angles of less than 2.4 degrees. However, at airport, where a single hangar or line of hangars, administrative buildings, etc., may have considerable length, it is necessary to look upon such structures as producing interference in the same manner (only more severe) as power and telephone lines, and the criteria for power, control, and telephone lines will apply.

SLI VOR is located approximately 1,097' from the study area. **Figure 3** displays the 1000 feet restriction circle of the VOR Antenna. **Figure 4** displays the 1.2-degree slope surface elevations over the study area. **Figure 5** displays the 2.5-degree slope surface elevations over the study area.

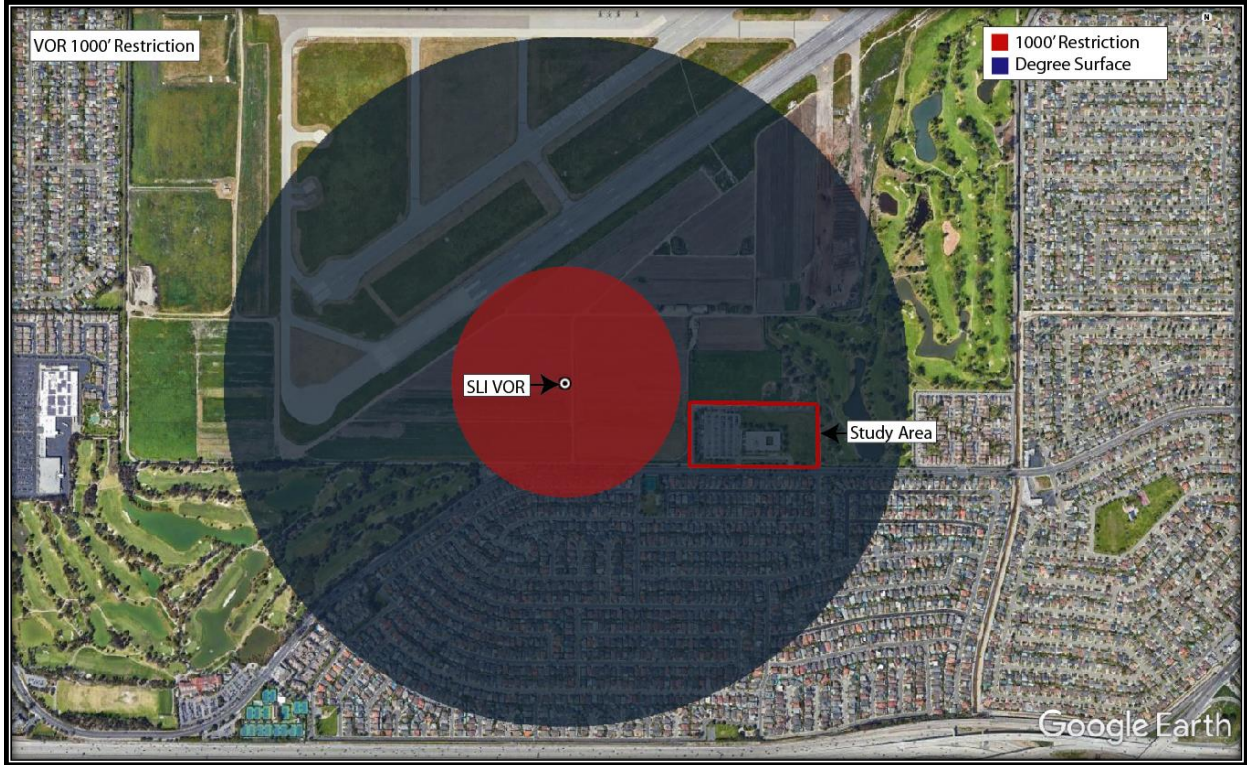


Figure 3 – 1000' Restriction Circle

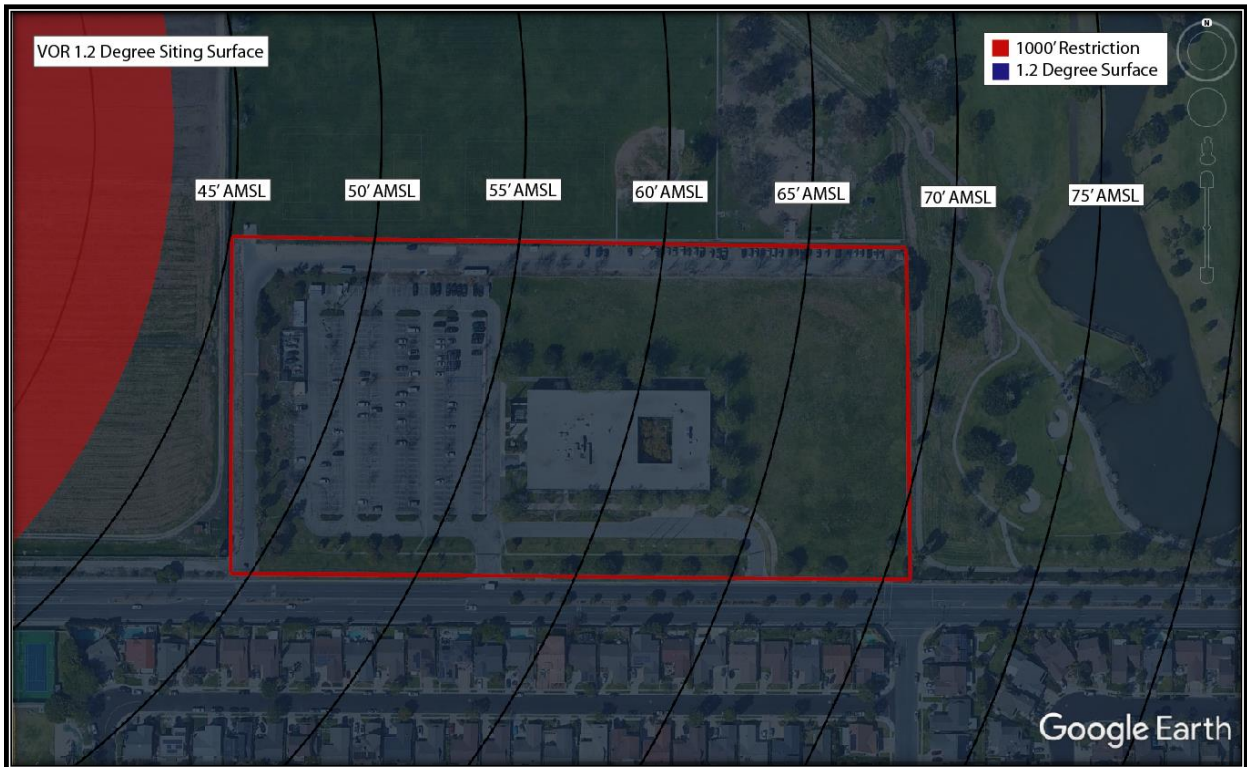


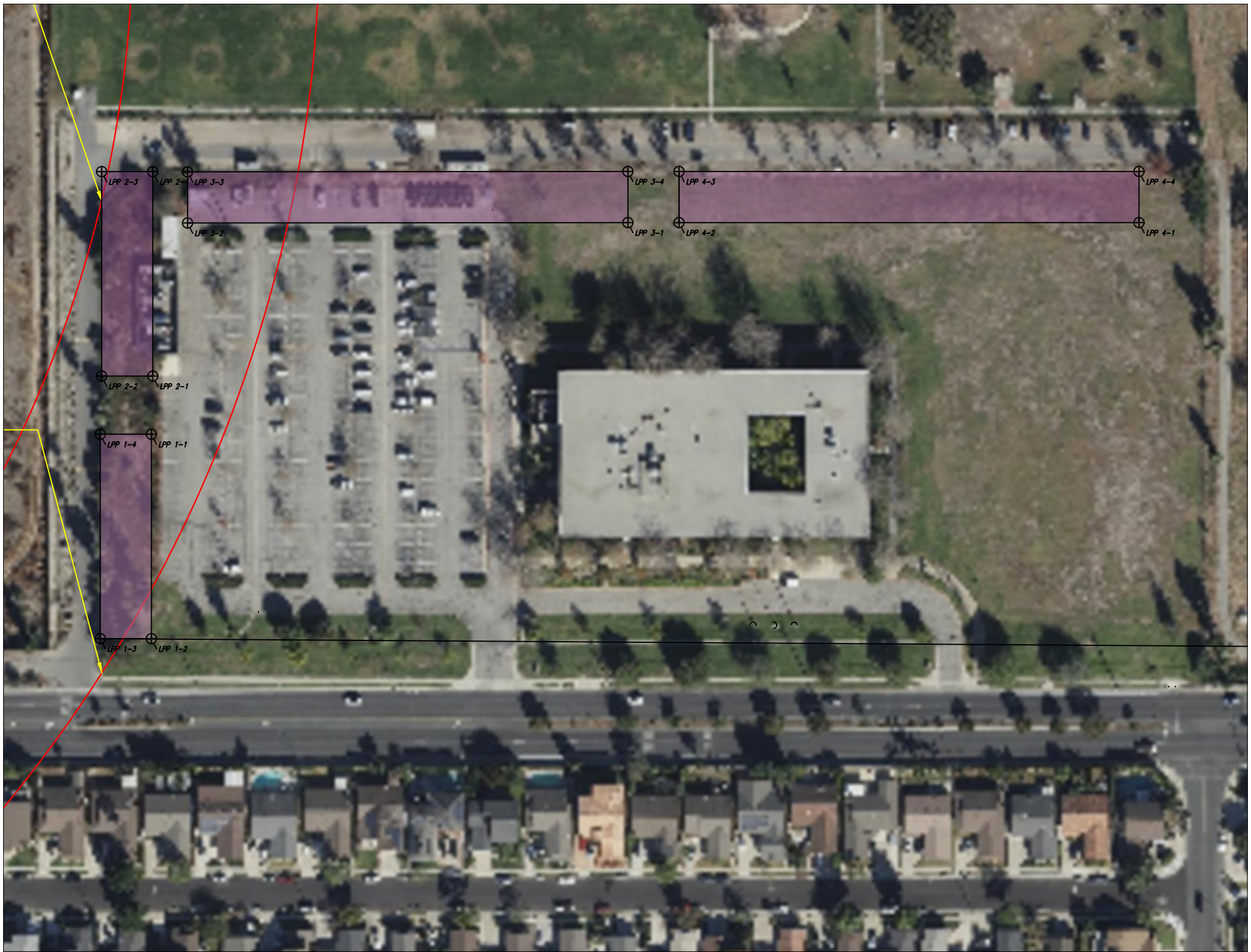
Figure 4 – 1.2 Degree Surface



Figure 5 – 2.5 Degree Surface

Conclusion: Williams Aviation believes the proposed project will be classified as partly metallic; therefore a 1.2-degree surface will be protected for the VOR. The proposed 60' AMSL buildings will exceed the 1.2-degree protected VOR siting surface on the western portion of the study area.

It should be noted the ground elevation used for the overall 60' AMSL building height is 25' AMSL. Excavation will decrease the overall building elevations and will increase usable area for the proposed 35' AGL buildings.



Structure Name	Latitude (DD-MM-SS.SS)	Longitude (DD-MM-SS.SS)	Site Elevation	Structure Height (AGL)		ASN	Top of Structure (AMSL)
LPP 1-1	33-46-54.98	118-03-03.19	25	45		2022-AWP-780-OE	70
LPP 1-2	33-46-53.00	118-03-03.20	21	49		2022-AWP-781-OE	70
LPP 1-3	33-46-53.00	118-03-03.79	21	49		2022-AWP-782-OE	70
LPP 1-4	33-46-54.98	118-03-03.79	25	45		2022-AWP-783-OE	70
LPP 2-1	33-46-57.52	118-03-03.17	25	45		2022-AWP-784-OE	70
LPP 2-2	33-46-55.54	118-03-03.18	25	45		2022-AWP-785-OE	70
LPP 2-3	33-46-55.54	118-03-03.77	25	45		2022-AWP-786-OE	70
LPP 2-4	33-46-57.52	118-03-03.76	25	45		2022-AWP-787-OE	70
LPP 3-1	33-46-57.01	118-02-57.66	25	45		2022-AWP-788-OE	70
LPP 3-2	33-46-57.02	118-03-02.77	25	45		2022-AWP-789-OE	70
LPP 3-3	33-46-57.52	118-03-02.76	25	45		2022-AWP-790-OE	70
LPP 3-4	33-46-57.51	118-02-57.66	25	45		2022-AWP-791-OE	70
LPP 4-1	33-46-56.99	118-02-51.74	25	45		2022-AWP-792-OE	70
LPP 4-2	33-46-57.01	118-02-57.07	25	45		2022-AWP-793-OE	70
LPP 4-3	33-46-57.50	118-02-57.07	25	45		2022-AWP-794-OE	70
LPP 4-4	33-46-57.49	118-02-51.74	25	45		2022-AWP-795-OE	70



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-780-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 1-1
Location:	Los Alamitos, CA
Latitude:	33-46-54.98N NAD 83
Longitude:	118-03-03.19W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (847) 294-7575, or vivian.vilaro@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-AWP-780-OE.

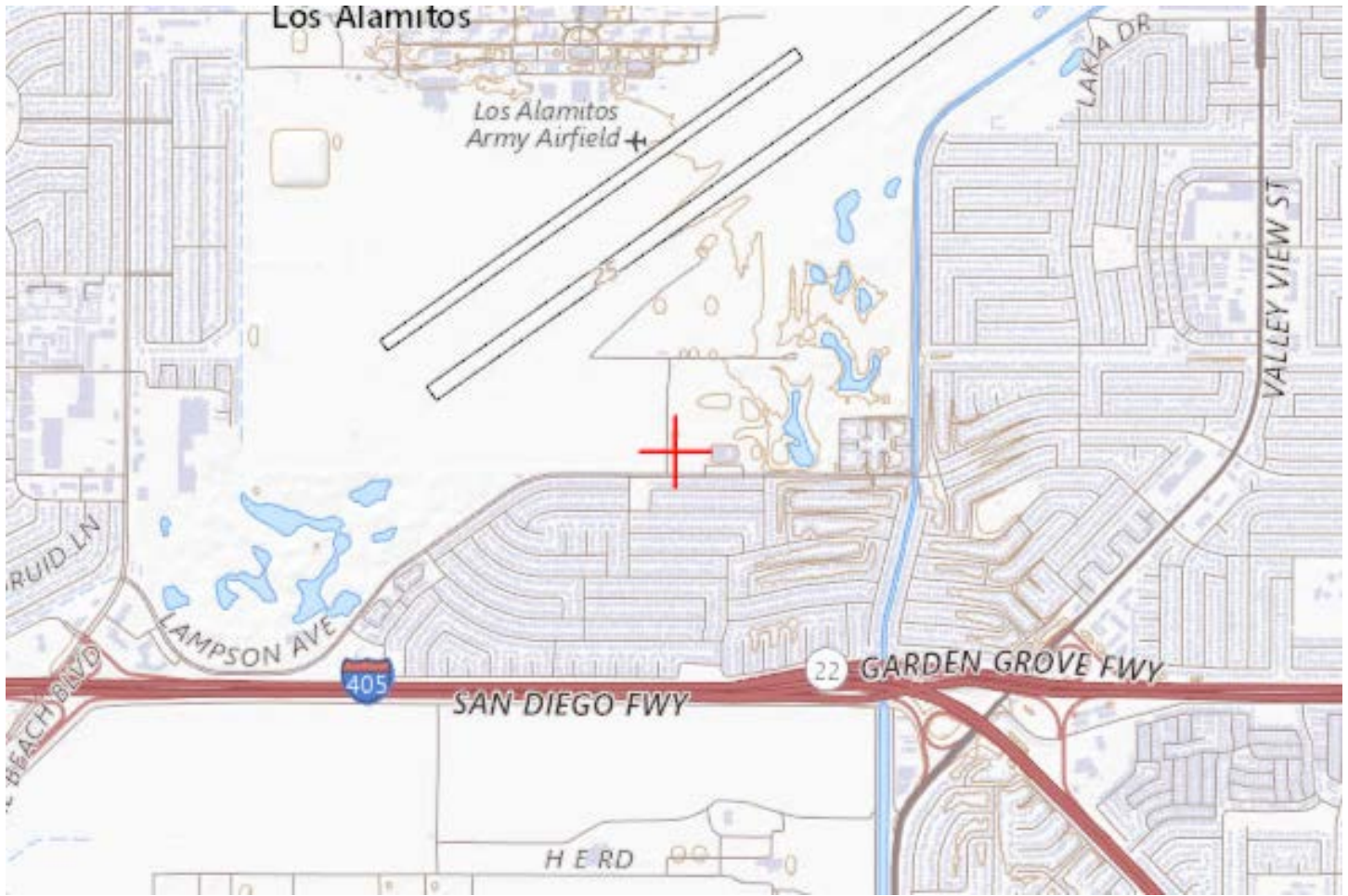
Signature Control No: 507667783-509342083

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-780-OE



Sectional Map for ASN 2022-AWP-780-OE





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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-781-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 1-2
Location:	Los Alamitos, CA
Latitude:	33-46-53.00N NAD 83
Longitude:	118-03-03.20W
Heights:	21 feet site elevation (SE) 49 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

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This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (847) 294-7575, or vivian.vilaro@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-AWP-781-OE.

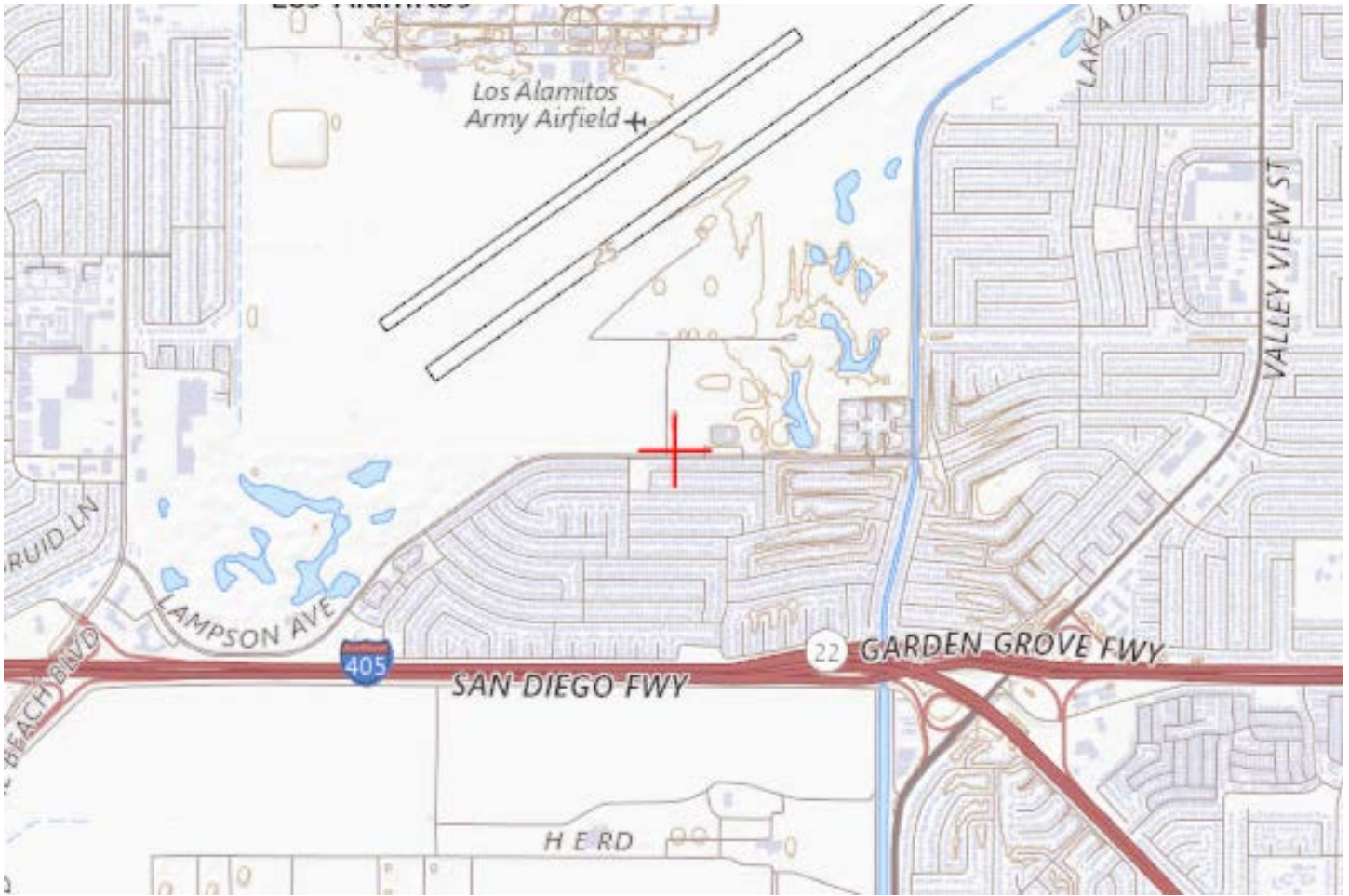
Signature Control No: 507667784-509342069

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-781-OE



Sectional Map for ASN 2022-AWP-781-OE





Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-782-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 1-3
Location:	Los Alamitos, CA
Latitude:	33-46-53.00N NAD 83
Longitude:	118-03-03.79W
Heights:	21 feet site elevation (SE) 49 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
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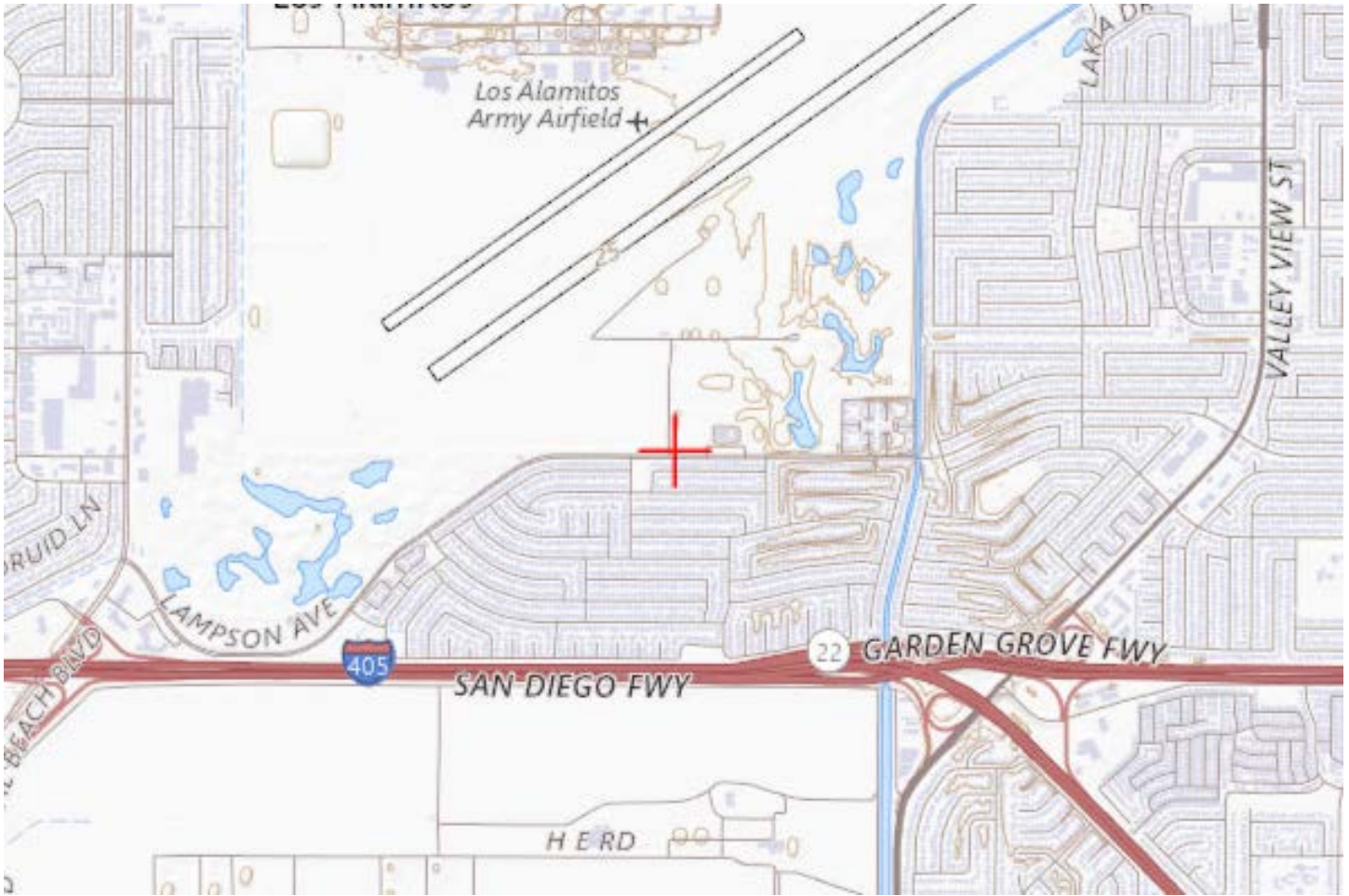
Signature Control No: 507667785-509342076

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-782-OE



Sectional Map for ASN 2022-AWP-782-OE





Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-783-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 1-4
Location:	Los Alamitos, CA
Latitude:	33-46-54.98N NAD 83
Longitude:	118-03-03.79W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

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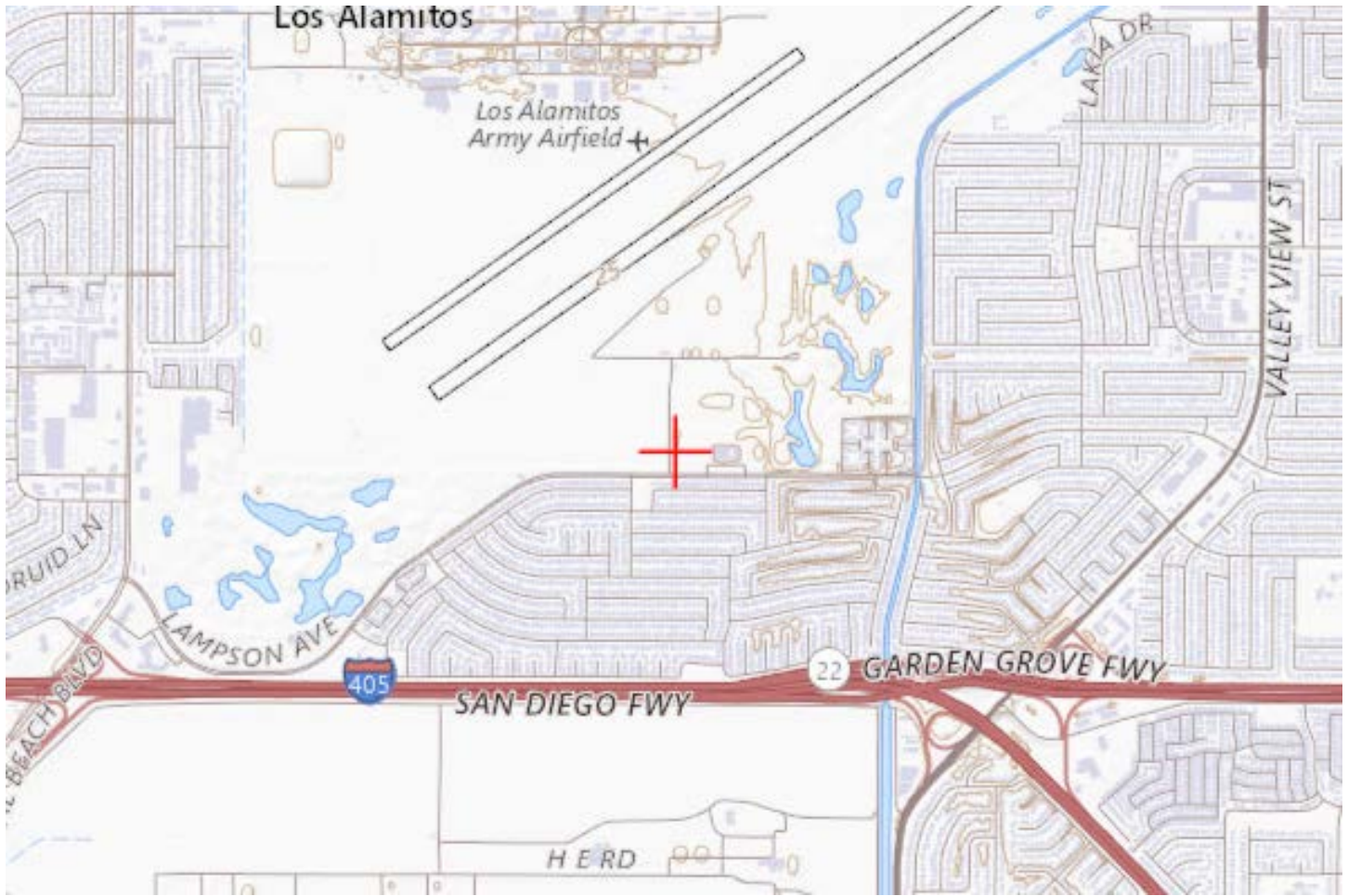
Signature Control No: 507667786-509342078

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-783-OE



Sectional Map for ASN 2022-AWP-783-OE





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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-784-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 2-1
Location:	Los Alamitos, CA
Latitude:	33-46-57.52N NAD 83
Longitude:	118-03-03.17W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
 Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2023 unless:

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- the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

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This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (847) 294-7575, or vivian.vilaro@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-AWP-784-OE.

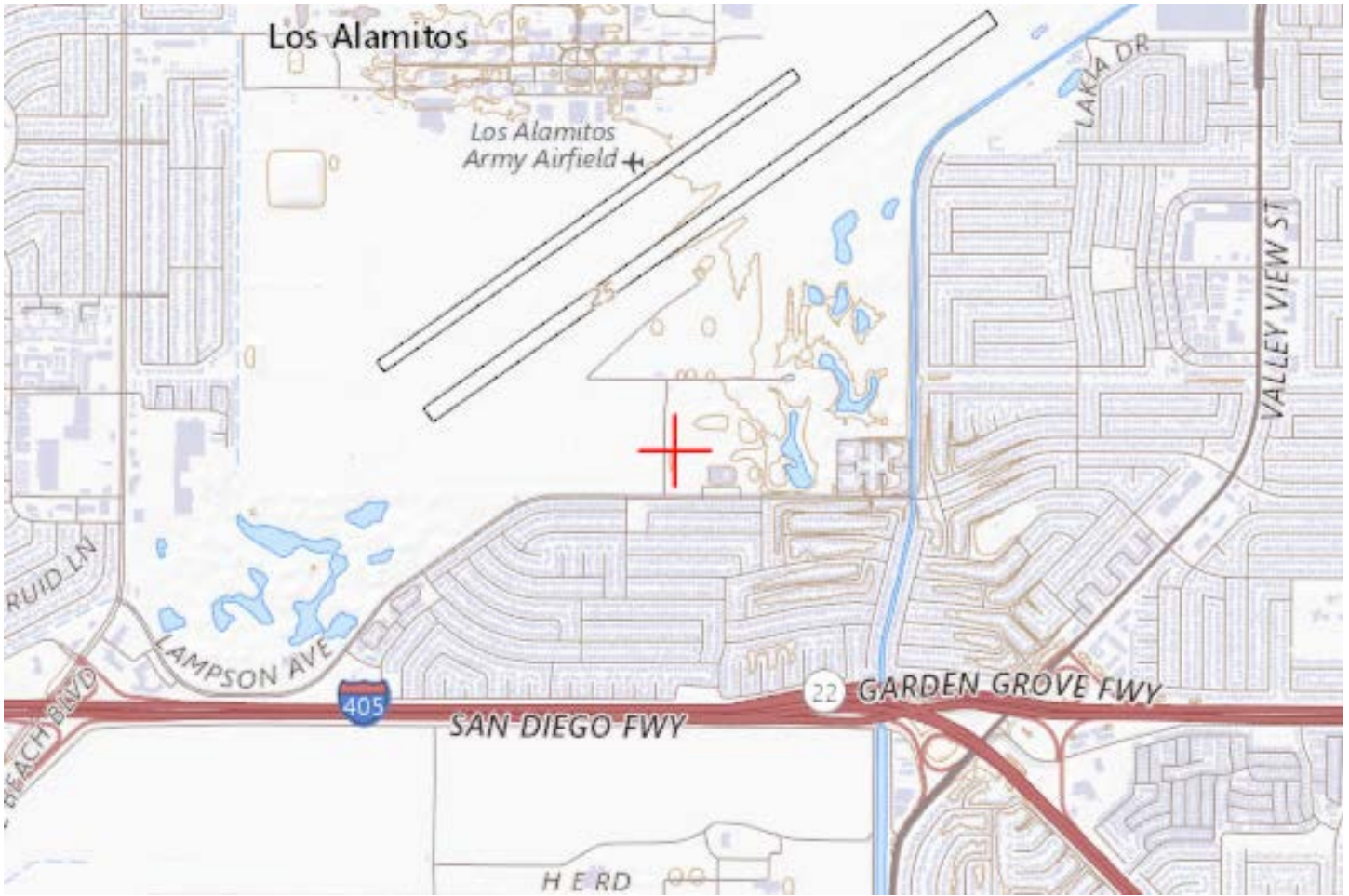
Signature Control No: 507667787-509342073

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-784-OE







Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-785-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 2-2
Location:	Los Alamitos, CA
Latitude:	33-46-55.54N NAD 83
Longitude:	118-03-03.18W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

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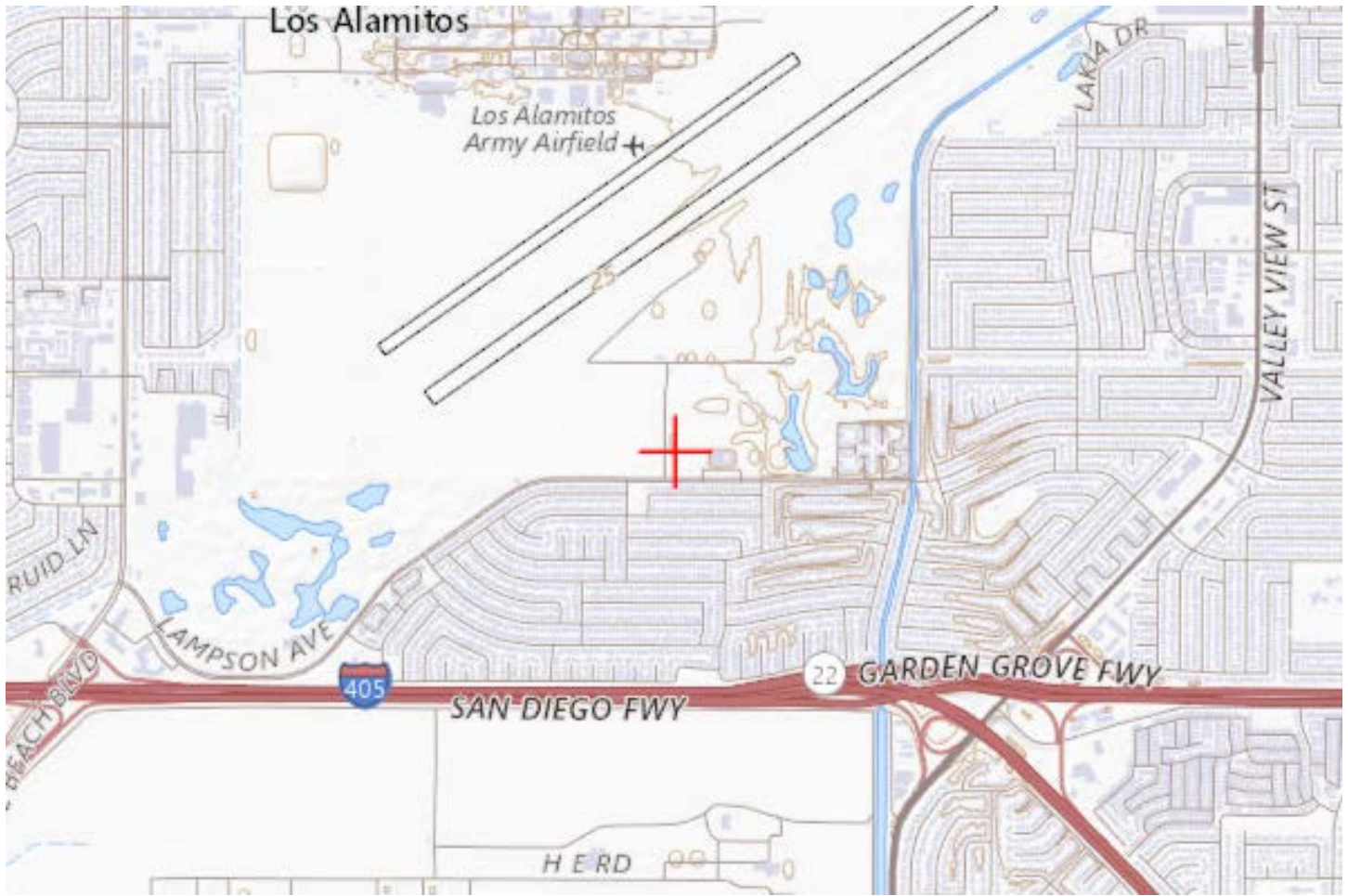
Signature Control No: 507667788-509342081

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-785-OE







Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-786-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 2-3
Location:	Los Alamitos, CA
Latitude:	33-46-55.54N NAD 83
Longitude:	118-03-03.77W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

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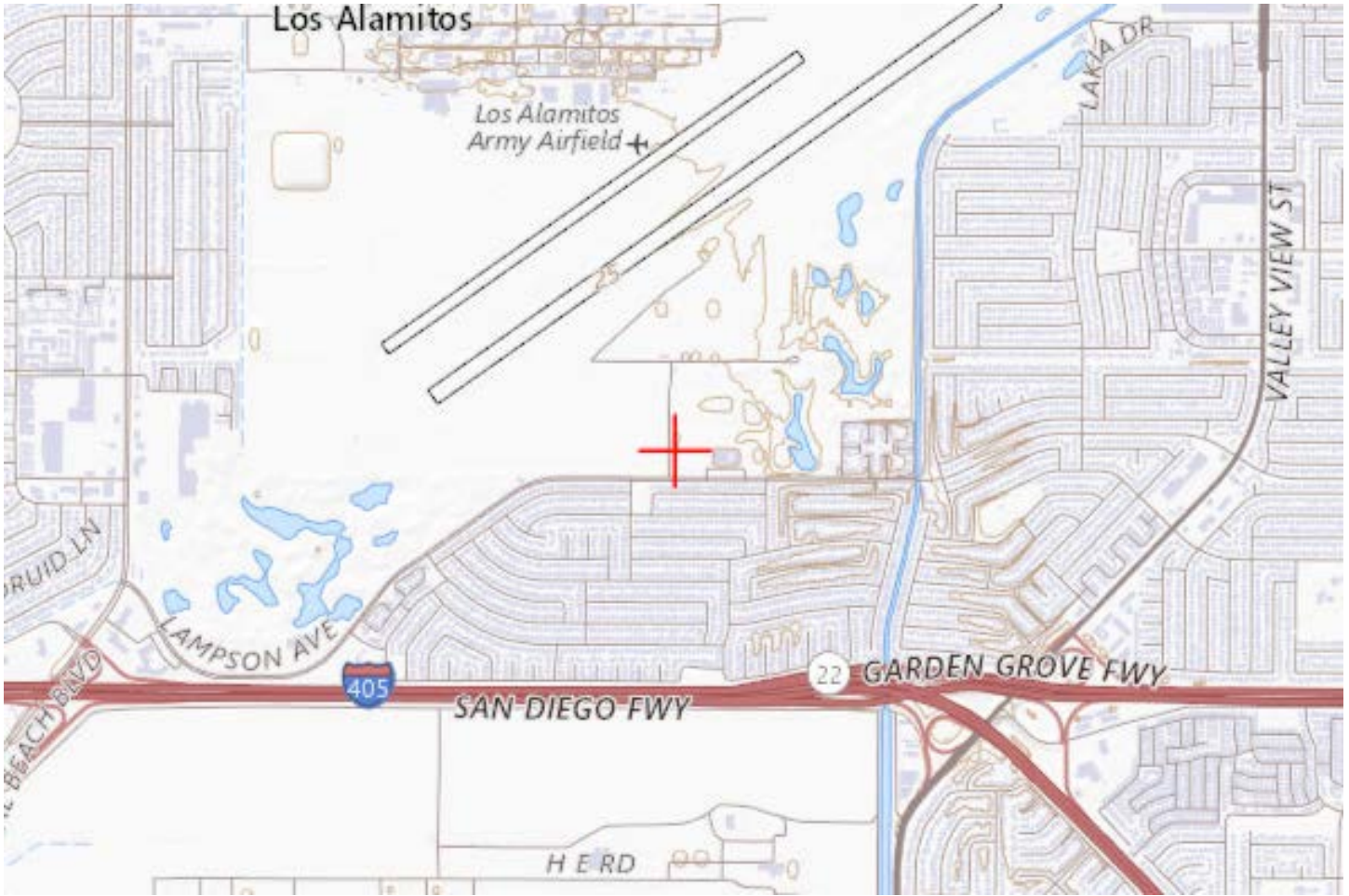
Signature Control No: 507667789-509342066

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-786-OE



Sectional Map for ASN 2022-AWP-786-OE





Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-787-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 2-4
Location:	Los Alamitos, CA
Latitude:	33-46-57.52N NAD 83
Longitude:	118-03-03.76W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

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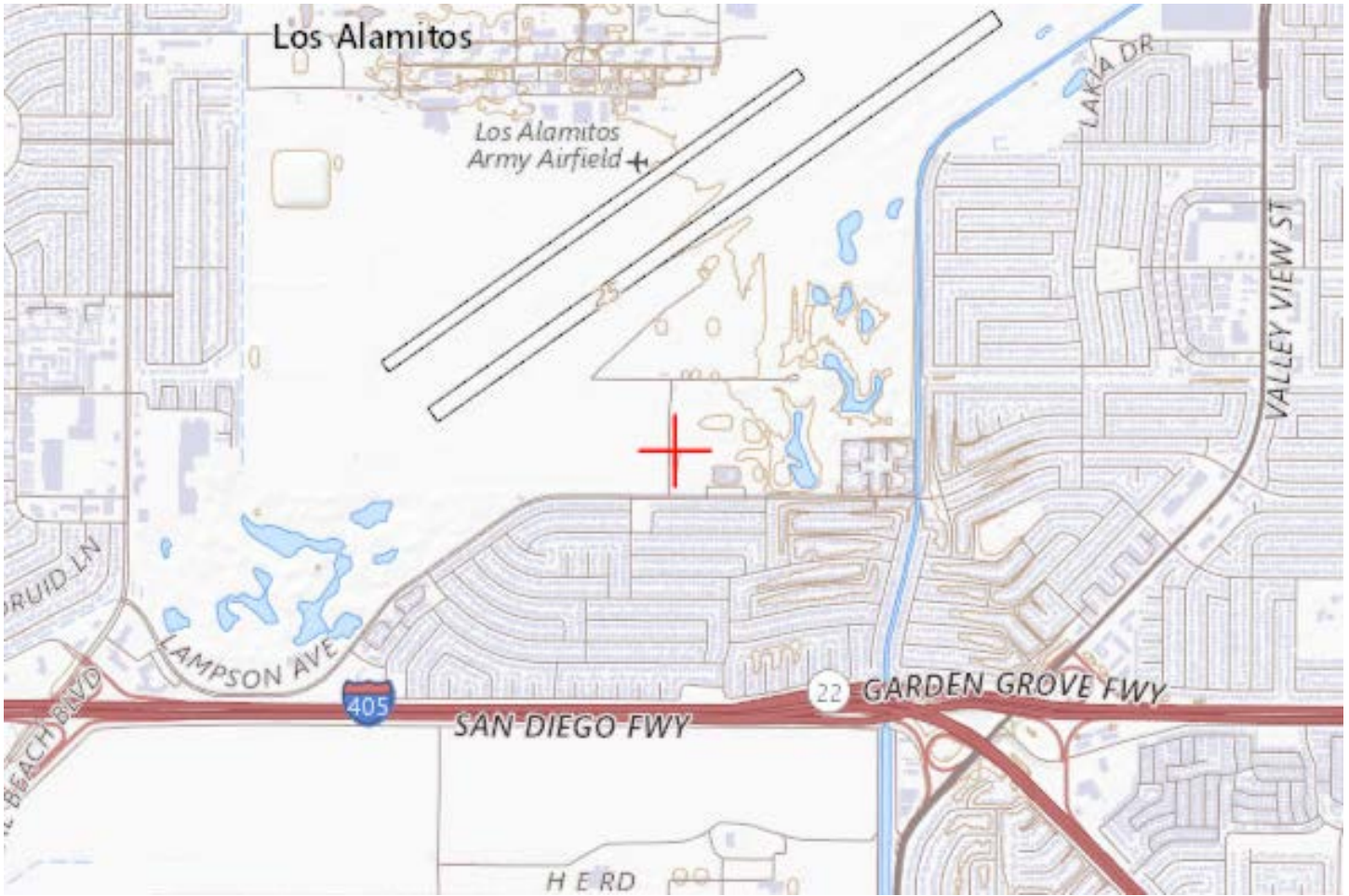
Signature Control No: 507667790-509342070

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-787-OE







Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-788-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 3-1
Location:	Los Alamitos, CA
Latitude:	33-46-57.01N NAD 83
Longitude:	118-02-57.66W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
 Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2023 unless:

- the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- extended, revised, or terminated by the issuing office.
- the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (847) 294-7575, or vivian.vilaro@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-AWP-788-OE.

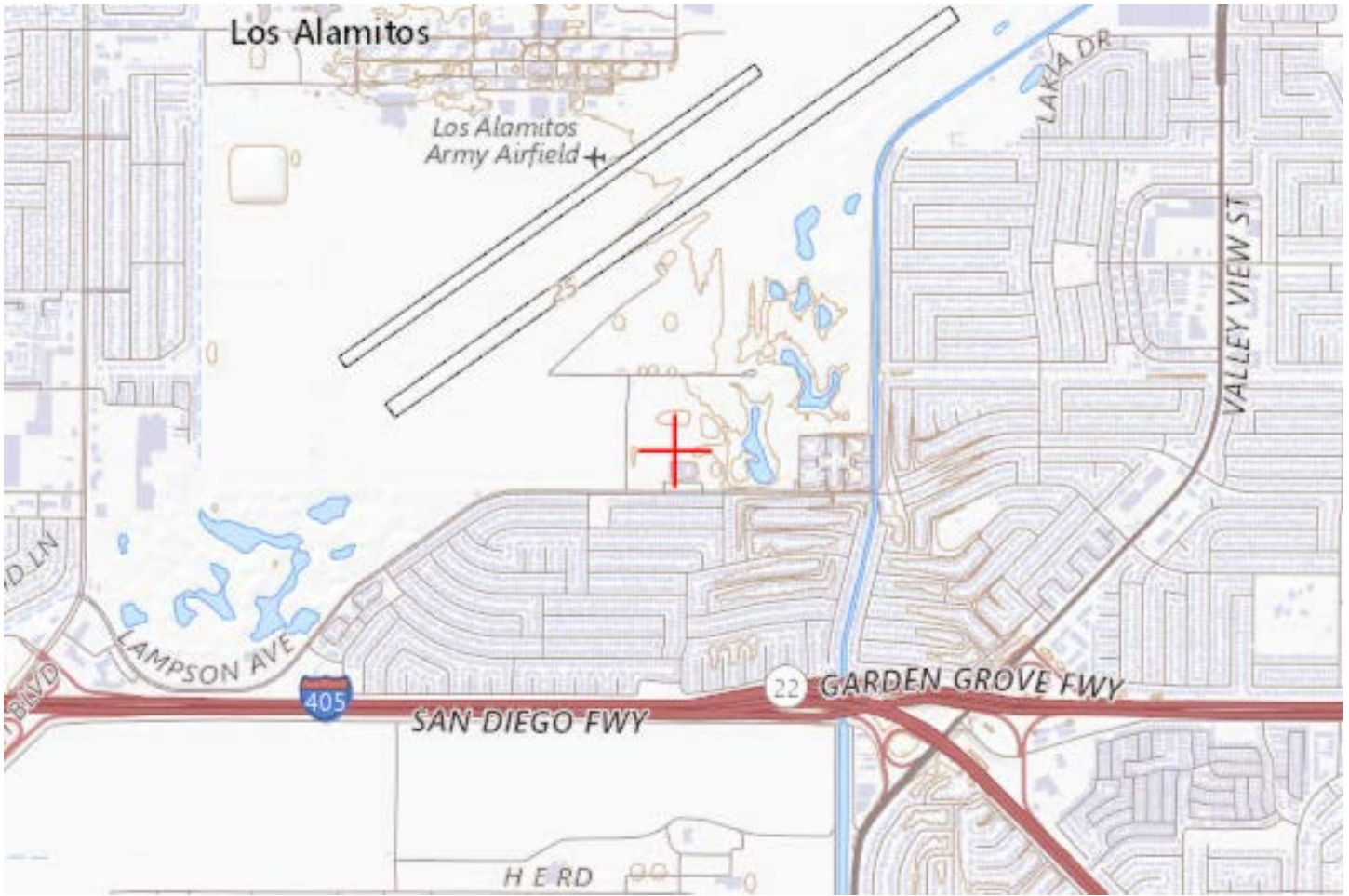
Signature Control No: 507667791-509342074

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-788-OE







Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-789-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 3-2
Location:	Los Alamitos, CA
Latitude:	33-46-57.02N NAD 83
Longitude:	118-03-02.77W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
 Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2023 unless:

- the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
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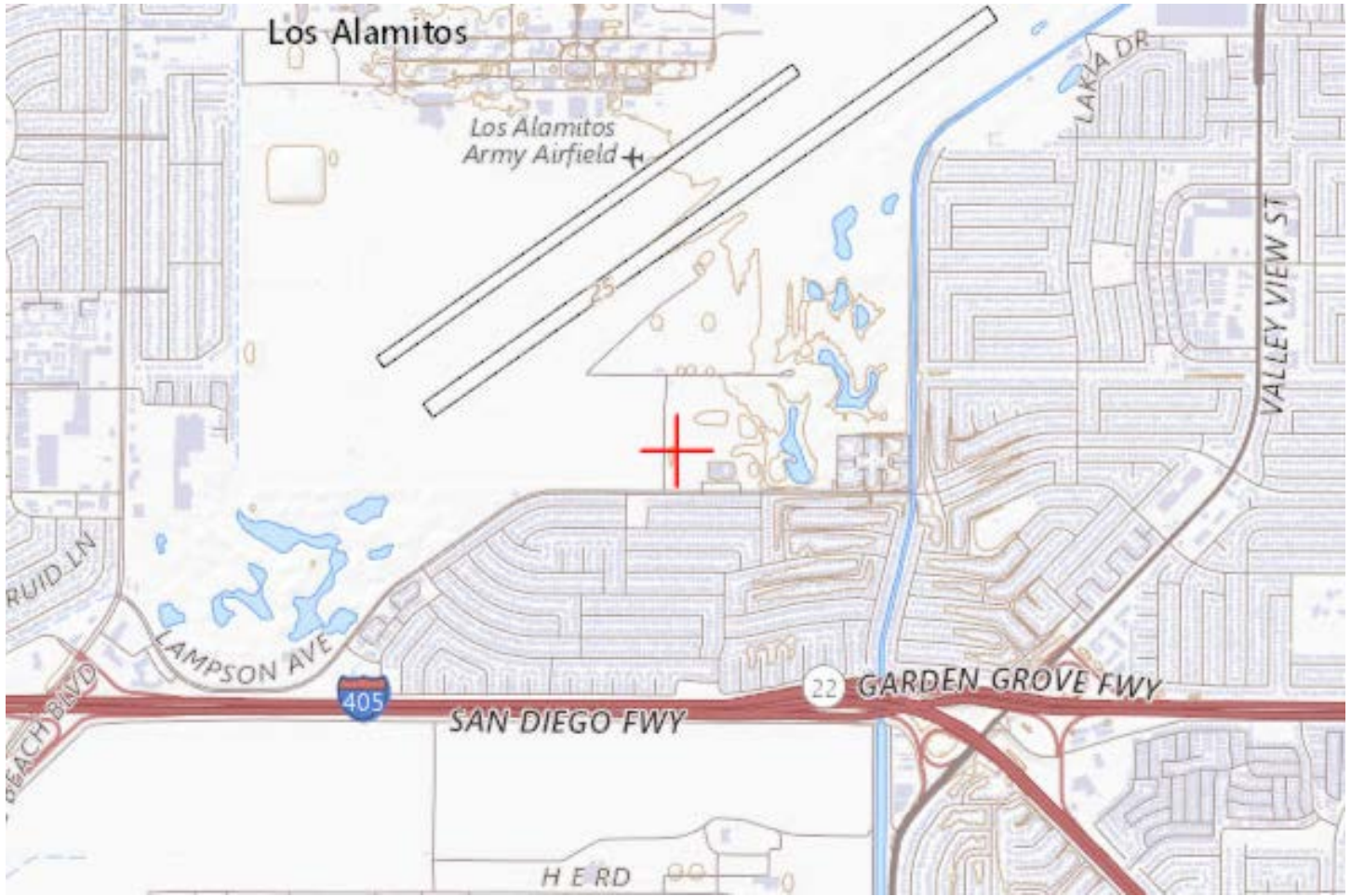
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Signature Control No: 507667792-509342077

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)







Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-790-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 3-3
Location:	Los Alamitos, CA
Latitude:	33-46-57.52N NAD 83
Longitude:	118-03-02.76W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

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 Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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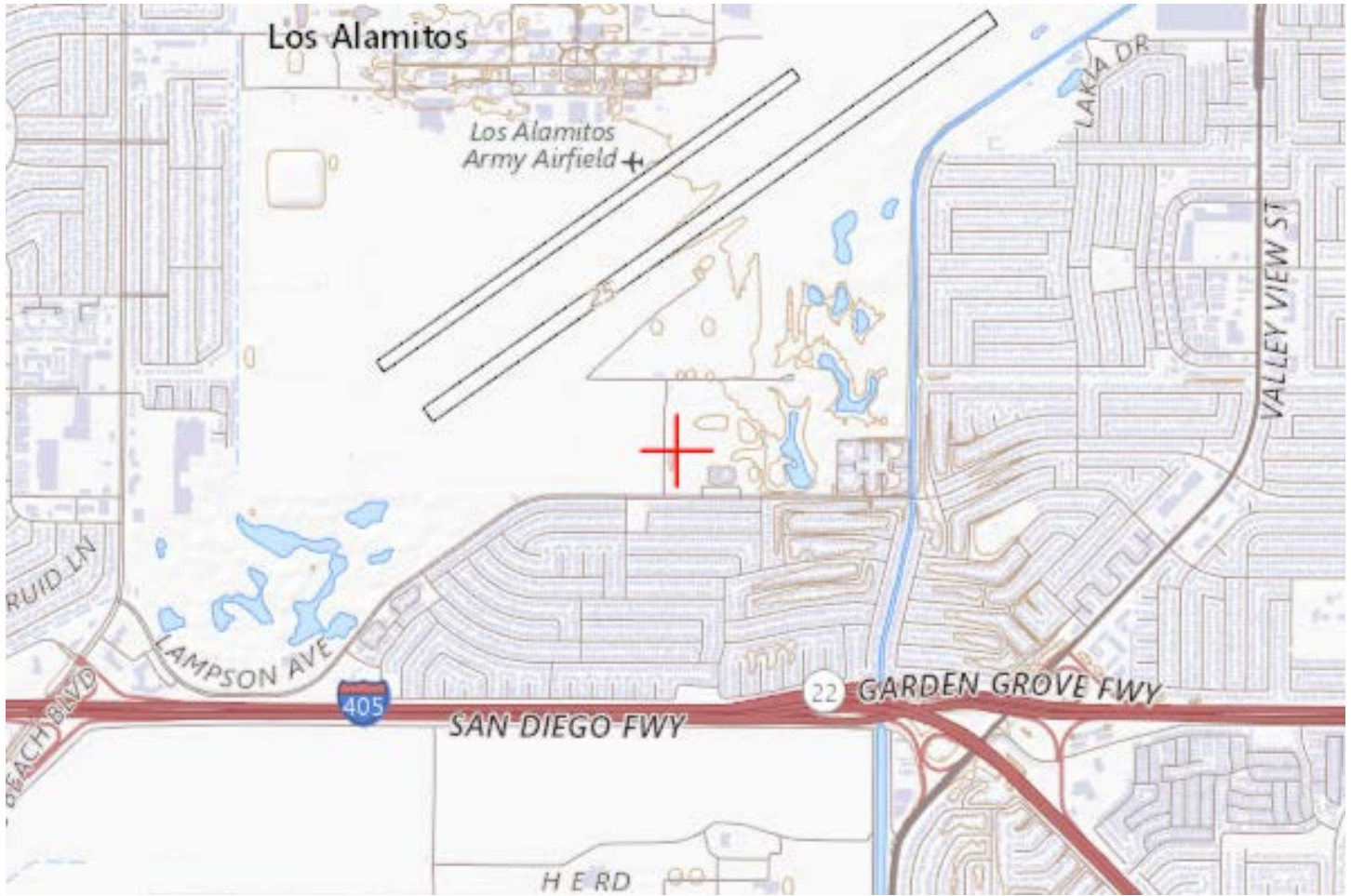
Signature Control No: 507667793-509342068

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-790-OE



Sectional Map for ASN 2022-AWP-790-OE





Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-791-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 3-4
Location:	Los Alamitos, CA
Latitude:	33-46-57.51N NAD 83
Longitude:	118-02-57.66W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

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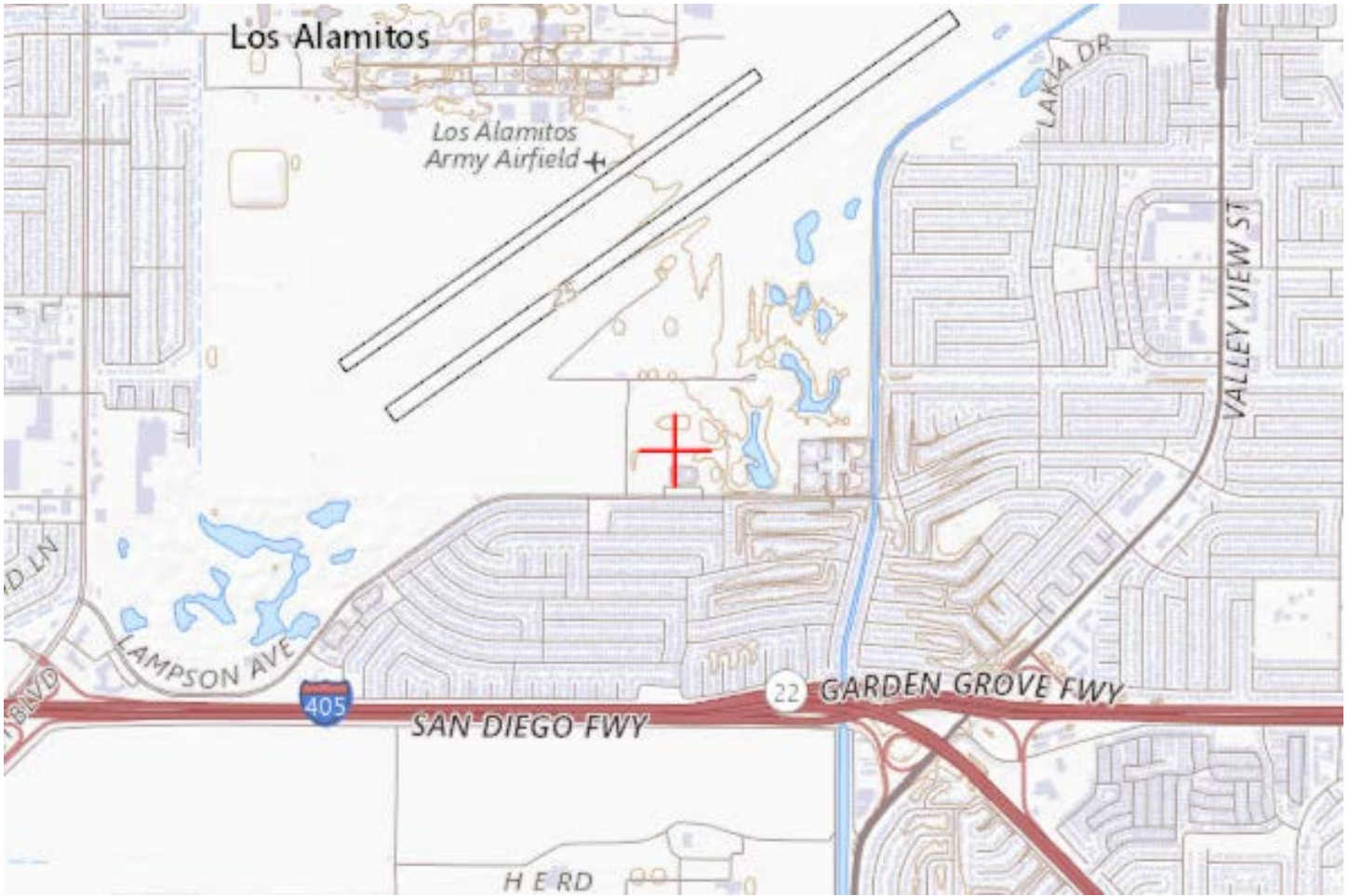
Signature Control No: 507667794-509342072

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-791-OE







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Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-792-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 4-1
Location:	Los Alamitos, CA
Latitude:	33-46-56.99N NAD 83
Longitude:	118-02-51.74W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

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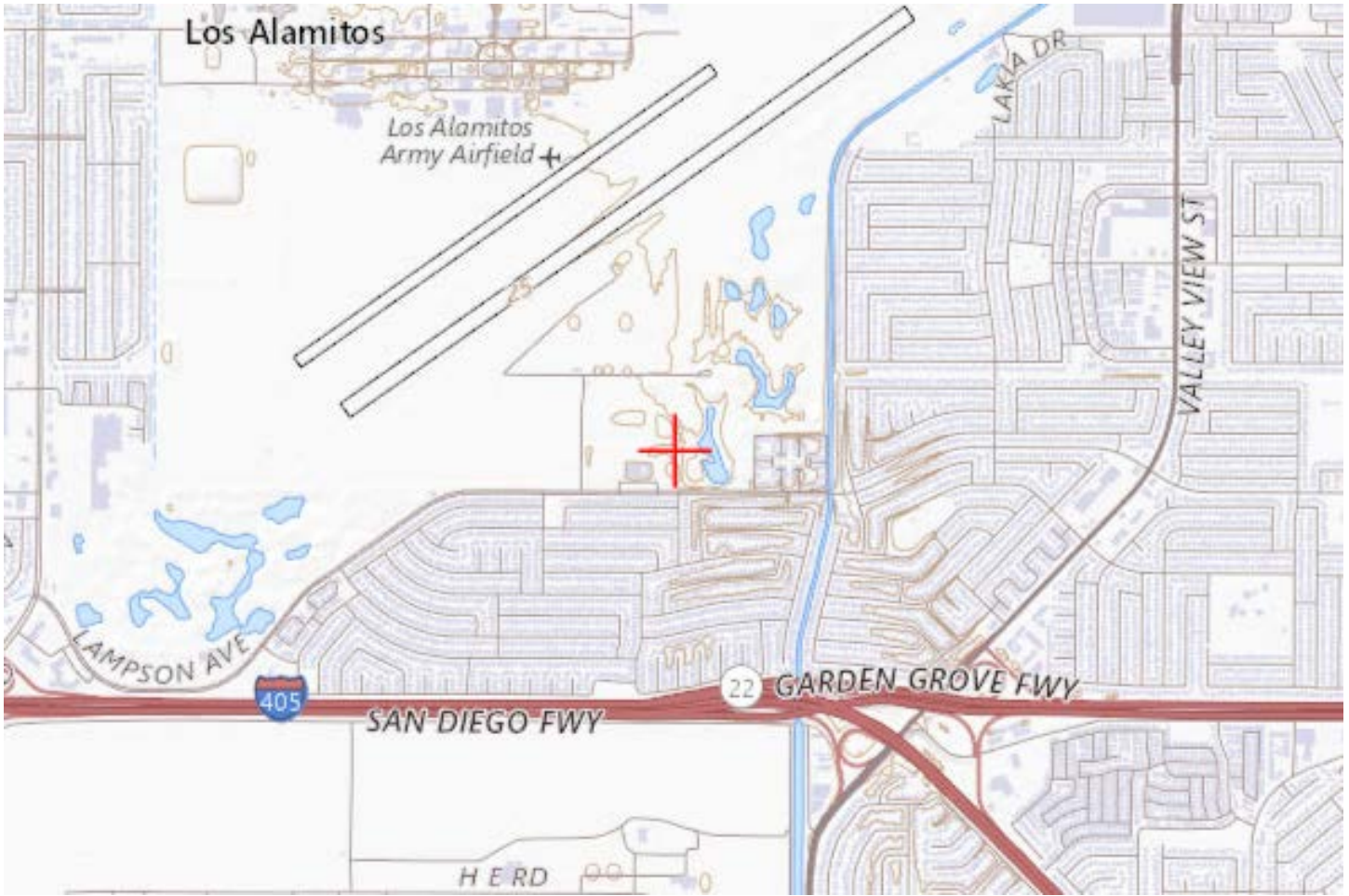
Signature Control No: 507667795-509342080

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-792-OE





Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-793-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 4-2
Location:	Los Alamitos, CA
Latitude:	33-46-57.01N NAD 83
Longitude:	118-02-57.07W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

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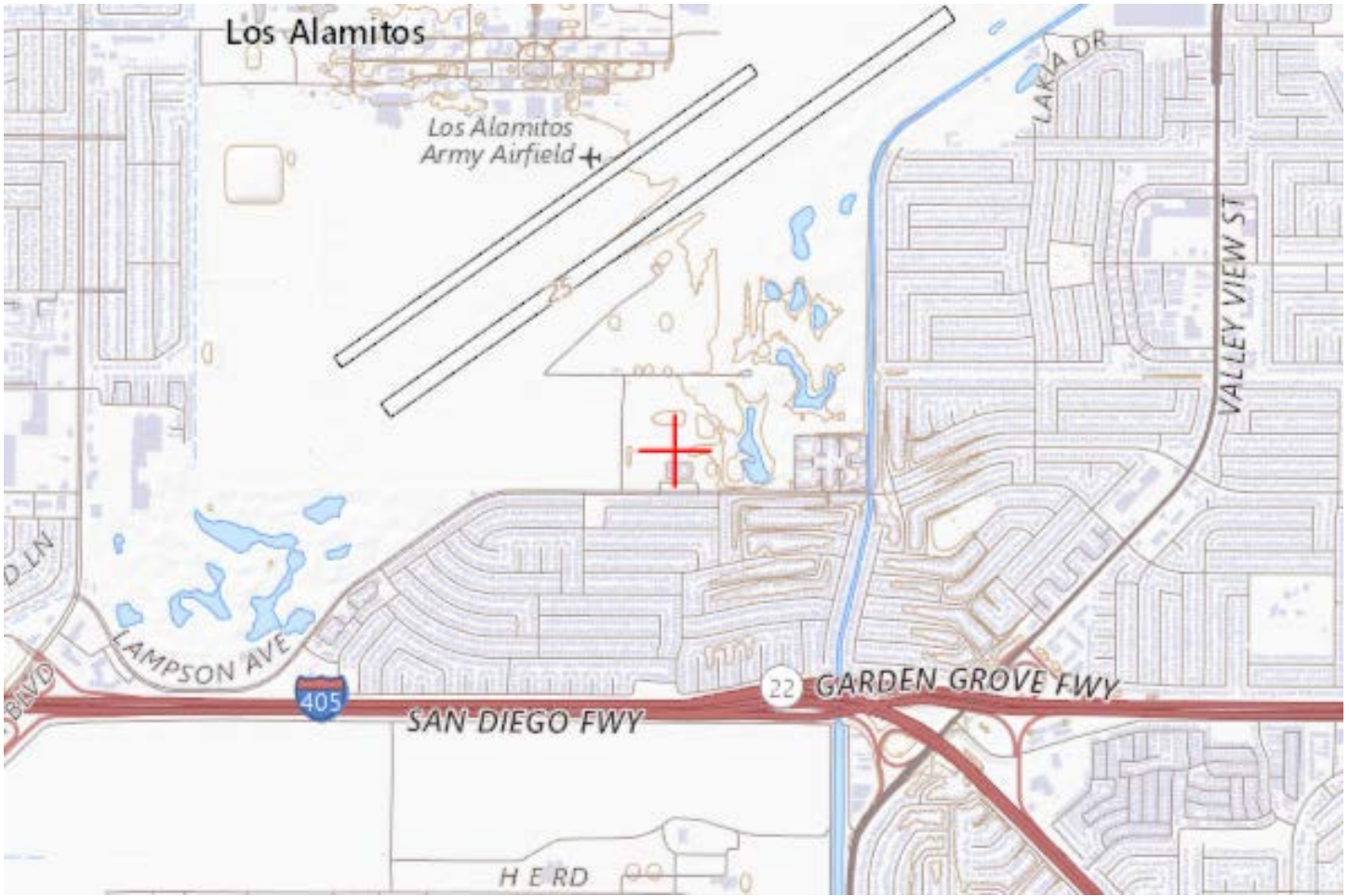
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Signature Control No: 507667796-509342071

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)







Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-794-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 4-3
Location:	Los Alamitos, CA
Latitude:	33-46-57.50N NAD 83
Longitude:	118-02-57.07W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

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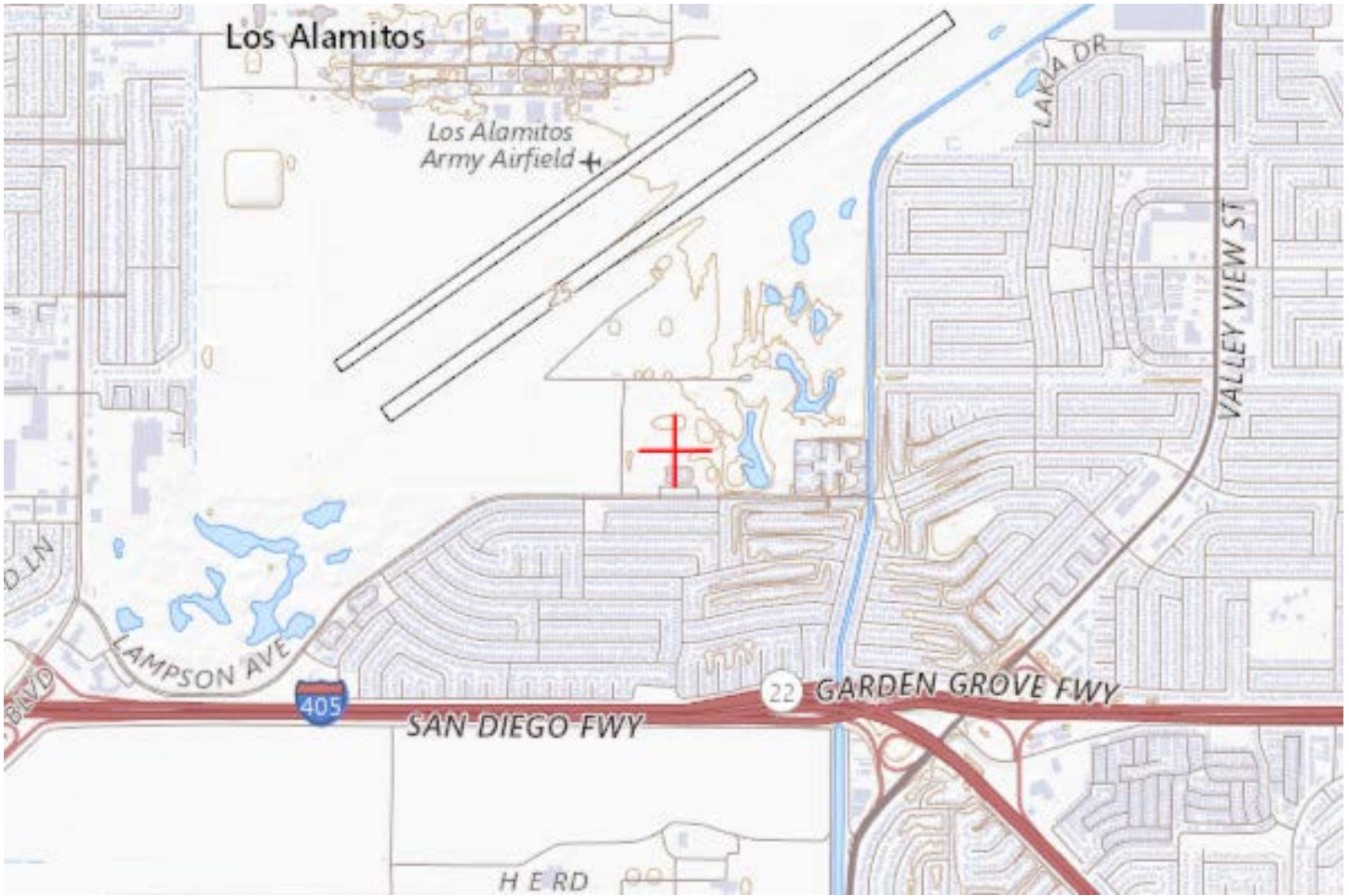
Signature Control No: 507667797-509342067

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-794-OE







Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-AWP-795-OE

Issued Date: 01/26/2022

Nick Johnson
Johnson Aviation, Inc.
6524 Deerbrook Road
Oak Park, CA 91377

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building LPP 4-4
Location:	Los Alamitos, CA
Latitude:	33-46-57.49N NAD 83
Longitude:	118-02-51.74W
Heights:	25 feet site elevation (SE) 45 feet above ground level (AGL) 70 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (847) 294-7575, or vivian.vilaro@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-AWP-795-OE.

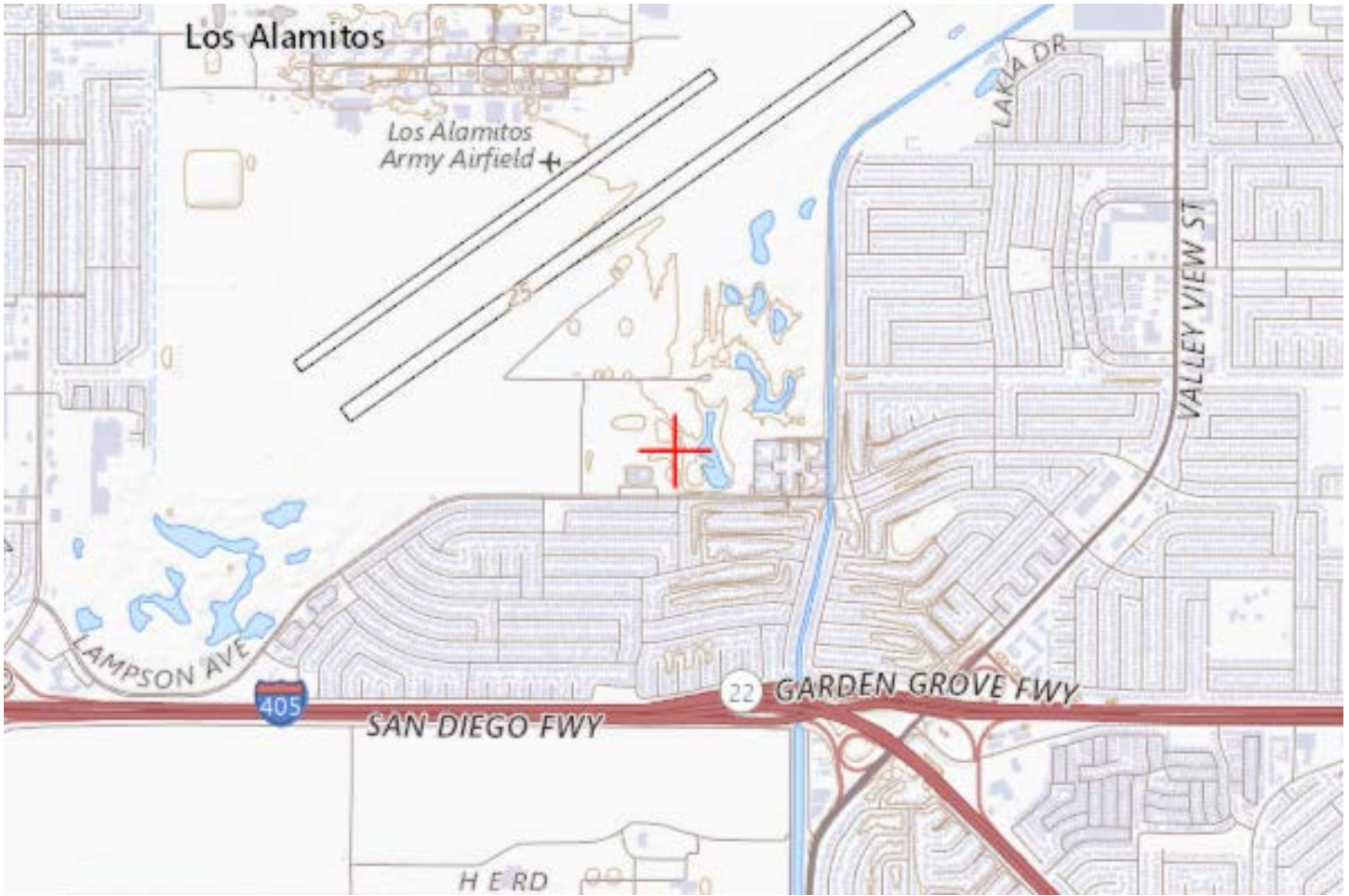
Signature Control No: 507667798-509342079

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2022-AWP-795-OE



Sectional Map for ASN 2022-AWP-795-OE



APPENDIX VII

ADDITIONAL DOCUMENTATION

Property Detail Report

For Property Located At :

5161 LAMPSON AVE, LOS ALAMITOS, CA 90720-5108



RealQuest

Owner Information

Owner Name: SAKAI KORY
Mailing Address: 5161 LAMPSON AVE, LOS ALAMITOS CA 90720-5108 C014
Vesting Codes: //

Location Information

Legal Description: N-TRACT: 5868 BLOCK: LOT: 16
County: ORANGE, CA APN: 217-242-36
Census Tract / Block: 1100.15 / 3 Alternate APN:
Township-Range-Sect: Subdivision:
Legal Book/Page: Map Reference: 14-D4 /
Legal Lot: 16 Tract #: 5868
Legal Block: School District: LOS ALAMITOS
Market Area: 52 School District Name: LOS ALAMITOS
Neighbor Code: Munic/Township:

Owner Transfer Information

Recording/Sale Date: / Deed Type:
Sale Price: 1st Mtg Document #:
Document #:

Last Market Sale Information

Recording/Sale Date: 12/06/2018 / 11/13/2018 1st Mtg Amount/Type: \$395,000 / CONV
Sale Price: \$695,000 1st Mtg Int. Rate/Type: /
Sale Type: FULL 1st Mtg Document #: 456788
Document #: 456787 2nd Mtg Amount/Type: /
Deed Type: GRANT DEED 2nd Mtg Int. Rate/Type: /
Transfer Document #: Price Per SqFt: \$384.40
New Construction: Multi/Split Sale:
Title Company: FIDELITY NAT'L TITLE ORANGE CN
Lender: MEGA CAP FNDG INC
Seller Name: SWINEHART 1991 FAMILY TRUST

Prior Sale Information

Prior Rec/Sale Date: 06/24/1976 / Prior Lender:
Prior Sale Price: \$72,000 Prior 1st Mtg Amt/Type: \$46,000 / CONV
Prior Doc Number: 1178501396 Prior 1st Mtg Rate/Type: /
Prior Deed Type: DEED (REG)

Property Characteristics

Gross Area: 2,268	Parking Type: GARAGE/CARPORT	Construction:
Living Area: 1,808	Garage Area: 460	Heat Type: CENTRAL
Tot Adj Area:	Garage Capacity: 2	Exterior wall:
Above Grade:	Parking Spaces:	Porch Type:
Total Rooms: 7	Basement Area:	Patio Type:
Bedrooms: 4	Finish Bsmnt Area:	Pool:
Bath(F/H): 3 /	Basement Type:	Air Cond:
Year Built / Eff: 1971 / 1971	Roof Type:	Style:
Fireplace: Y / 1	Foundation:	Quality: GOOD
# of Stories: 2	Roof Material:	Condition: GOOD
Other Improvements: Building Permit		

Site Information

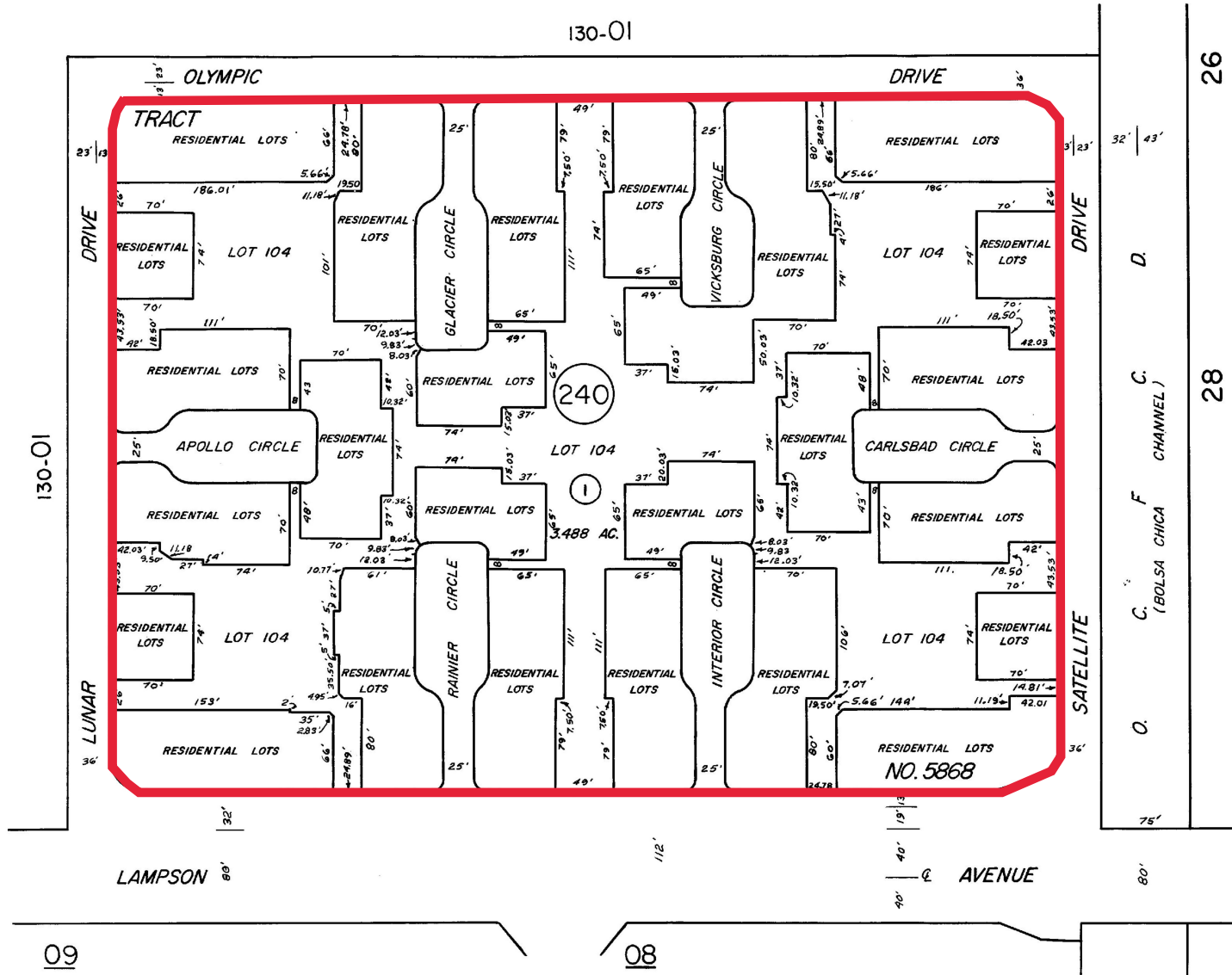
Zoning: Acres: 0.06 County Use: SINGLE FAM RESIDENCE (1)
Lot Area: 2,590 Lot Width/Depth: 37 x 70 State Use:
Land Use: SFR Res/Comm Units: / Water Type:
Site Influence: Sewer Type:

Tax Information

Total Value: \$730,568
Land Value: \$608,094
Improvement Value: \$122,474
Total Taxable Value: \$730,568

Assessed Year: 2022
Improved %: 17%
Tax Year: 2022

Property Tax: \$8,766.52
Tax Area: 22006
Tax Exemption:



NOTE
SEE PAGE 2 OF 3 FOR RESIDENTIAL LOTS 52 TO 103 INC., AND PAGE 3 OF 3 FOR RESIDENTIAL LOTS 1 TO 51 INC.

MARCH 1970

TRACT NO. 5868 M. M. 264-32,33,34

NOTE - ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN CIRCLES

ASSESSOR'S MAP BOOK 217 PAGE 24 COUNTY OF ORANGE





Well Status and Well Type Filter

Search

By Attribute

By Shape

Select A Layer:

Well

Buffer:

500

Feet

Display Buffer Only:

Select Features By:



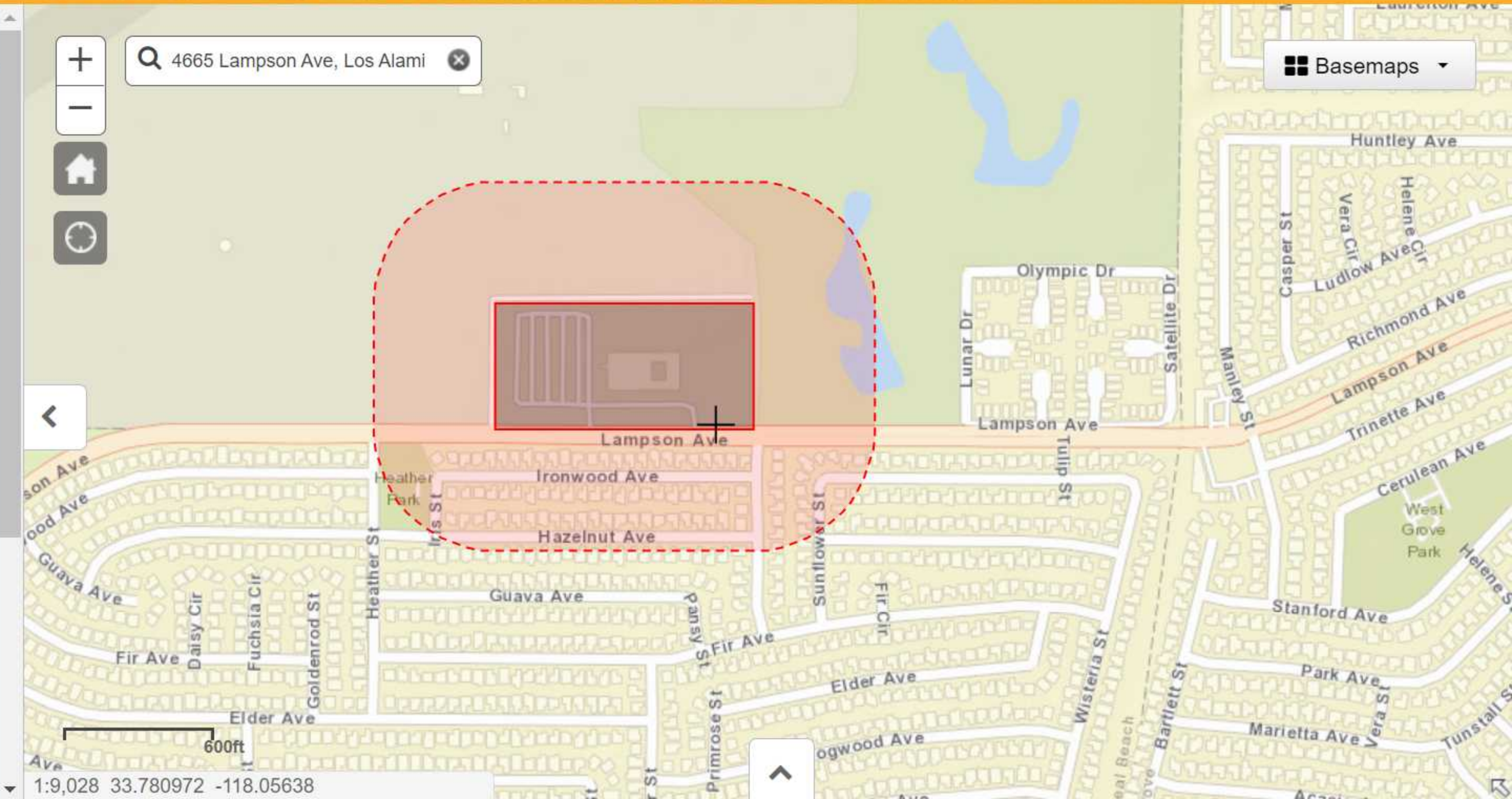
Stop Drawing

Add To Existing Results:



4665 Lampson Ave, Los Alami

Basemaps



600ft

1:9,028 33.780972 -118.05638



BASEMAPS >

MAP LAYERS >

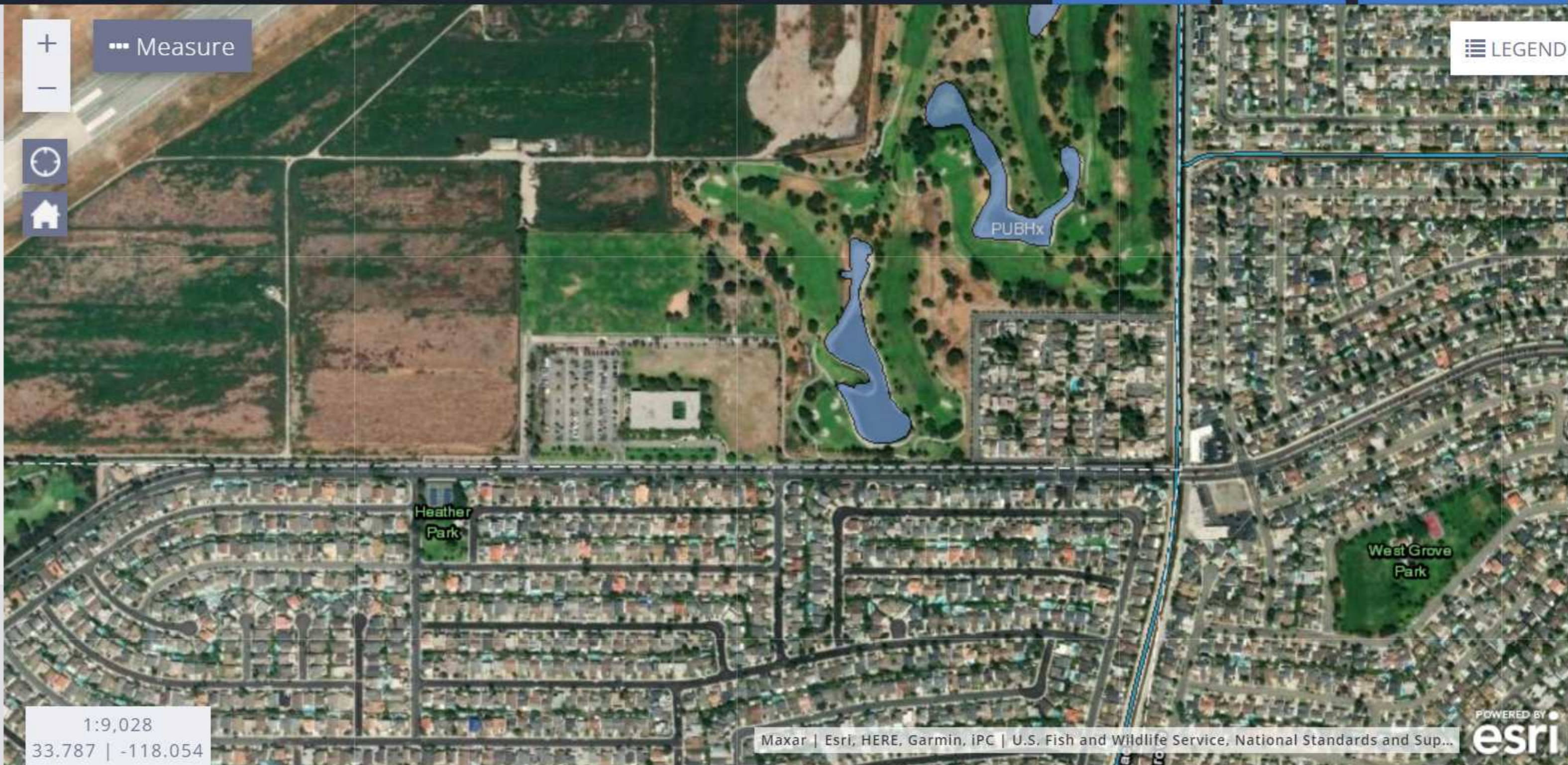
- Wetlands 📄 ?
- Riparian 📄 ?
- Riparian Mapping Areas 📄 ?
- Data Source 📄 ?
 - Source Type
 - Image Scale
 - Image Year
- Areas of Interest ?
- FWS Managed Lands 📄 ?
- Historic Wetland Data 📄 ?



Measure



LEGEND



1:9,028
33.787 | -118.054

APPENDIX VIII

RESUMES

Alberto Jimenez | Phase I Environmental Specialist / Project Manager

317 South Isis Avenue, Suite 207, Los Angeles, California 90301

310.854.6300

Alberto.Jimenez@efiglobal.com

Professional Summary:

Alberto Jimenez has been in the environmental industry since 2018. Mr. Jimenez conducts historical research and works with regulatory bodies to investigate historical and current uses of properties as part of the Phase I Environmental Site Assessment. Mr. Jimenez's experience includes management of all stages of environmental projects including Phase I Environmental Site Assessments, Limited Environmental Site Assessments, Transaction Screen Assessments, Records Search with Risk Assessments, and Database and Document Reviews.

Areas of Expertise:

- Phase I Environmental Site Assessments and Phase II Subsurface Investigations
- Project Management; Coordination and oversight
- Technical report writing
- Data analysis, quality control, and integrity assurance
- Field work

Licenses and Certifications

OSHA 40-Hour Hazardous Waste Operations Certified, Safety Unlimited Inc, CA, #1808221243678

Project Experience:

Phase I – Multiple Properties, EFI Global Inc., Los Angeles, CA

Performed initial file reviews for multiple properties throughout the greater Los Angeles metropolitan area as part of the due diligence process for real estate transactions and property redevelopments.

Phase I ESA with Environmental Sampling at Los Angeles, California

Served as the Project Manager of a Phase I ESA with Environmental Sampling for a tire shop, with former automotive repair and gasoline service station operations and a closed unauthorized release case issued by the Los Angeles Regional Water Quality Control Board (LARWQCB). After extensive historical and regulatory agency research, EFI Global, Inc. was able to determine several concerns for the subject property which included a 280-gallon waste oil and two 7,500-gallon gasoline underground storage tanks (USTs), hydraulic hoists, and a three-stage clarifier associated with the site. Soil sampling was conducted at the subject property to assess current soil conditions in the historical gasoline service station and automobile repair areas, where minor subsurface impacts were detected during the UST removal activities in December 1989. Five soil borings were advanced at the subject property in the area of the former USTs, dispenser islands, hydraulic hoists and clarifier, and the north-central portion of the site and analyzed for total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), and Title 22 Metals. Analytical results indicated non-detect (ND) concentrations of TPH and VOCs. Title 22 Metals concentrations were below the human health screening levels, except for arsenic. However, it is well documented that natural background concentrations of arsenic in California soils commonly exceed this screening criterion. Based on the absence of detectable concentrations of TPH and VOCs in the soil

samples collected during this investigation, the historical release associated with the former gasoline station and automobile repair facility did not result in widespread soil impact at the site. EFI Global, Inc. was able to recommend no further action at the time.

Limited ESA at Riverside, California

Served as the Project Manager of a Limited ESA for a 3.17-acre vacant property, planned to be redeveloped for residential purposes, that included several historical uses of concern. After extensive historical and regulatory agency research, EFI Global, Inc. was able to determine several concerns for the subject property which included the site historically operating as a gasoline service station, dry cleaning facility that utilized tetrachloroethylene (PCE), automobile sales dealership, automobile repair facility, and a car wash, with several USTs and hydraulic hoists associated with the site. The report User provided EFI Global, Inc. with several additional investigations conducted at the site in order to assess and characterize the subsurface conditions at the subject property. Residual levels of PCE remained in soil vapor at the time of our assessment, above the residential screening levels. The site was currently undergoing a voluntary soil vapor mitigation under the regulatory oversight of the RCDEH. EFI Global, Inc. was able to advise the property owner of the aforementioned concerns and recommended the continuance of the proposed work under RCDH oversight prior to redevelopment of the site.

Dry Cleaner Projects, Throughout California

Mr. Jimenez conducted all research, investigation, interviews, agency communications, and final reports for several former and existing dry-cleaning properties throughout the state of California for lenders and private entities. Special challenges involved with specific projects included obtaining and reviewing environmental sampling, remediation, and closure proceedings. The RWQCB, Department of Toxic Substances Control (DTSC), and Air Quality Management District (AQMD) were contacted for documentation pertaining to the present and former dry-cleaning operations. After extensive historical and regulatory agency research, EFI Global, Inc. was able to determine that additional investigations were warranted at the time.

Various Affordable Housing Projects, Throughout California

Phase I Environmental Site Assessment Reports were conducted for various properties throughout the state of California for public agencies and private entities as potential sites for affordable housing projects. Special challenges involved with specific projects included soil sampling and pesticide testing for properties that were historically utilized for agricultural purposes.

Professional Experience:

EFI Global Inc. Los Angeles, Phase I Environmental Specialist / Project Manager, 2018 – Present

Education:

Bachelor of Arts, Chicano Studies, University of California, Los Angeles, Los Angeles, CA 2013

References:

Nicole Rivera - EFI Global, Inc. - 5261 West Imperial Highway, Los Angeles, CA 90045 - 310.854.6300

Matthew Rodda - EFI Global, Inc. - 5261 West Imperial Highway, Los Angeles, CA 90045 - 310.854.6300

Christopher Rude | Senior Project Manager, CSFT

317 Isis Avenue, Suite 207, Inglewood, California 90301

310.854.6300

christopher.rude@efiglobal.com

Professional Summary:

Mr. Christopher Rude is an Environmental Professional with approximately twenty-nine years of experience in preparing and managing Phase I and Phase II Environmental Site Assessments of various types of large and small commercial, heavy industrial, oil production, and manufacturing properties. Mr. Rude has worked directly with clients and regulatory agencies to determine and assess environmental impacts, develop plans by which mitigate such conditions, and carry out the planned approach for closure. Mr. Rude's experience includes all aspects of environmental projects including Phase I Environmental Site Assessments, soil, soil vapor and groundwater sampling - Phase II Subsurface Site Assessments, vapor intrusion risk assessments, site characterization, removal of Underground Storage Tanks (USTs), and multi-stage clarifiers, and remedial cleanups of properties impacted by arsenic, organochlorine pesticides, chlorinated solvents, and fuel hydrocarbons. Mr. Rude has completed numerous Phase II Environmental Site Assessments of dry cleaners, auto repair and gasoline service stations, Brownfield sites, oil field properties, plating facilities, and site related to the semiconductor industry. Mr. Rude has successfully obtained closure for numerous Brownfield sites on behalf of clients from DTSC, Los Angeles Regional Water Quality Control Board, Los Angeles County, Los Angeles City, and Ventura County Environmental Health. Mr. Rude has completed and conducted senior reviews of numerous wildfire soot, ash and char assessments of residential properties for major insurance carriers. Mr. Rude oversees and mentors Project Managers on all aspects of environmental site assessments, writing and communications with clients and agencies, and aids in the preparation of the staff to be promoted to the Phase II Environmental Site Assessment and Environmental Health and Safety Departments.

Areas of Expertise:

- Environmental Consulting
- Environmental Compliance
- Environmental Due Diligence (Phase I / II Environmental Site Assessments)
- Third Party Document Review
- Wildfire Soot, Ash and Char Sampling and Report Reviews

Licenses and Certifications:

- American Council for Accredited Certification, Council-Certified Fire & Smoke Damage Technician, No. 2009002
- Environmental Professional, per the CFR Title 40, Chapter I, Subchapter J, Part 312, Subpart C, Section 312.21
- OSHA 40-Hour Hazardous Waste Operations and Emergency Response Certified
- OSHA 8-Hour Hazardous Waste Operations and Emergency Response Certified

Project Experience:

Mr. Rude's current responsibilities as Senior Project Manager include the preparation of Phase I and Phase II Environmental Site Assessments throughout California and several western states. Additional responsibilities include managing, mentoring and training Project Managers in all

aspects of Phase I and Phase II Environmental Site Assessments, Health and Safety Plans, marketing, and client relations, business development, and project management. Additionally, Mr. Rude is responsible for the completion and senior report review of Wildfire Soot, Ash and Char reports.

**Sunflower Valley Farms LLC, Multiple Locations in Kings and Kerns Counties, CA
Phase I Environmental Site Assessment**

Mr. Rude completed a Phase I Environmental Site Assessment for a 12,685 acre ranch developed with agricultural land, 120 active or abandoned oil wells, active oil sumps, hazardous materials, pesticide storage areas, and aboveground storage tanks. Phase II recommendations were made for active oil wells and oil sumps.

**Primestor Development, Inc.
Phase I Environmental Site Assessment**

Mr. Rude as the Senior Project Manager of a Phase I ESA and Asbestos/Lead Based Paint Survey of a 31-acre retail-commercial mall developed with twelve retail structures and medical clinic totaling approximately 383,000 square feet. The retail mall had undergone numerous subsurface assessments and remedial cleanup associated with a Leaking Underground Storage Tank (LUST) and Spills, Leaks, Investigations, and Cleanups (SLIC) cases associated with a former gasoline service station and former dry cleaning facilities. Case closure was issued by the overseeing regulatory agency for the LUST case. Review of available documentation indicated that the SLIC case was to be issued case closure for soil and groundwater.

Phase I Environmental Site Assessments

Mr. Rude as the Senior Project Manager of several Phase I Environmental Site Assessment reports which were completed on commercial, heavy industrial, manufacturing, oil production, and semiconductor facilities throughout the United States. The sites were assessed due to the former underground storage tanks and long-term auto repair use of the property by multiple tenants. Several required Phase II Environmental Site Assessment. Results of the soil, soil vapor, and/or groundwater sampling indicated that the former or current uses did not represent an unacceptable risk to human health or the environment for commercial land use.

Major Insurance Institutions, Wildfire Soot, Ash and Char Assessments, Southern California

Mr. Rude has managed and conducted wildfire soot, ash and char assessments of residential properties with Southern California for several major insurance carriers in Southern California. Additionally, Mr. Rude is one of the lead senior reviewers of the assessment reports.

Phase II Environmental Site Assessments/Vapor Intrusion Risk Assessments

Mr. Rude has performed and provided project management on numerous Phase II Environmental Site Assessments on properties impacted by chlorinated solvents, fuel hydrocarbons, and heavy metals. Assessment activities also included oversight of geophysical surveys, sampling of soil, soil vapor, and groundwater using Geoprobe, hollow stem augers, or dual percussion air rotary rigs. Assessments also included monitoring for vapor intrusion and fixed gases. Conducted and prepared quarterly groundwater monitoring reports.

Professional Experience:

EFI Global Inc., Los Angeles, CA, Senior Project Manager, 2012 - Present
California Environmental, Agoura Hills, CA, Environmental Scientist, 1997 – 2012
MSE Environmental, Camarillo, CA, Environmental Specialist, 1992 – 1996

Specialized Education:

Assessment of LNAPL Volume, Mobility, and Recoverability for Recovery Systems; Design and Risk-Based Corrective Action (RBCA), National Groundwater Association, Houston Texas – November 2007

Seminar on National Pollutant Discharge Elimination Systems (NPDES), Riverside, California, Law Offices of Burke Williams & Sorensen LLP, 2004

Education:

Bachelor of Art, Environmental Studies and Planning, with an emphasis in hazardous materials management and toxicology, Sonoma State University, Rohnert Park, California, 1992