



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Proposed First March Logistics Center
Natwar Lane
Perris, California**

AEC Project No. 19-314SD
July 25, 2019

Prepared for:

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July 25, 2019

Mr. Mike Reese
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Subject: **Phase I Environmental Site Assessment
Proposed First March Logistics Center
Natwar Lane
Perris, California
AEC Project No. 19-314SD**

Dear Mr. Reese:

Advantage Environmental Consultants, LLC (AEC) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM International Practice E 1527-13, 40 Code of Federal Regulations Part 312 and the First Industrial Scope of Work for the project of the above-referenced property. This ESA included public environmental agency and historical record reviews, interviews, site observations, and report preparation. This report includes AEC's findings, conclusions, recommendations, and supporting documentation.

We appreciate the opportunity to be of service to you on this project. If you should have any questions regarding this report, or if we can be of further assistance, please contact us at (760) 744-3363.

Sincerely,

ADVANTAGE ENVIRONMENTAL CONSULTANTS, LLC



Daniel Weis, R.E.H.S.
Branch Manager
Western Regional Office



Keith Sy
Project Manager

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1.0 Executive Summary

1.1 Summary and Findings

At the request of First Industrial Realty Trust, Inc., First Industrial Acquisitions II, LLC, and First Industrial L.P., Advantage Environmental Consultants, LLC (AEC) conducted a Phase I Environmental Site Assessment (ESA) the 23.24-acre Proposed First March Logistics Center Property located to north and west of Natwar Lane and east of Interstate 215 Avenue in Perris, California (i.e. "Site"). The Site is further identified by Riverside County Assessor's Parcel Numbers (APNs) 294-180-13, -028, -029, -030, 295-300-005, -007 and -009. The Phase I ESA was conducted in conformance with the scope and limitations of ASTM International Practice E 1527-13, 40 Code of Federal Regulations (CFR) Part 312 and the First Industrial Scope of Work for Phase I ESAs.

The Site is situated an area comprised of commercial and light industrial land uses. March Air Reserve Base (MARB) is located adjacent to the north and east of the Site. Interstate 215 (I-215) Freeway is adjacent to the west of the Site. A wastewater treatment plant (WWTP) is located west beyond I-215. The Site has been historically vacant and undeveloped land with the exception of an LED billboard that was recently installed in the northwest corner. No recognized environmental conditions (RECs) were noted during our reconnaissance of the Site and surrounding area.

AEC reviewed Federal and State environmental databases provided by Environmental Risk Information Systems (ERIS) for information pertaining to documented and/or suspected releases of regulated hazardous substances and/or petroleum products within specified search distances. The Site is not listed on any standard regulatory databases searched by ERIS. In addition, regulatory agency file reviews pertaining to the Site completed with multiple environmental regulatory agencies also did not reveal RECs in connection with the Site.

March Air Force Base, currently referred to as March Air Reserve Base (MARB) covers approximately 7,000 acres in the Moreno Valley, California. MARB is adjacent to light industrial, agricultural, and residential areas. MARB has served as a training base and refueling operations base. MARB operations (including aircraft maintenance and repair) involved use and disposal of various chemicals and wastes including chlorinated solvents. Various areas of concern have been identified and affected by spills/releases from historical base operations. The Air Force is the responsible party for remediation and investigation pursuant to a 1995 Record of Decision under the oversight of the US EPA, Regional Water Quality Control Board (RWQCB) and Department of Toxic Substances Control (DTSC). In the proximity of and up-gradient to the Site, sludge ponds were formerly located west of I-215 as part of MARB (identified as Site 19 of Operable Unit 2) and a former landfill was located further west at Riverside National Cemetery (identified as Site 24 of Operable Unit 24). The former sludge ponds were investigated and remediated as part of improvements by the Western Municipal Water District. No groundwater contamination was identified as part of the closure process and the former sludge ponds received No Further Action status with unlimited use and unrestricted exposure status in 2016. The landfill was remediated by removing wastes and relocating to an engineered landfill within MARB. Confirmation sampling completed after removal activities confirmed the removal of wastes to unrestricted land use levels. The Air Force and Air Reserve Board are the lead agencies and potentially responsible parties (PRPs) for the site, with United States Environmental Protection Agency (EPA) and the state providing oversight. Based on the cleanup to unrestricted (residential) standards, the former sludge ponds and landfill are not considered a REC or historic REC.

In 2018, the Air Force completed groundwater sampling for per- and polyfluoroalkyl substances (PFAS) at the sludge drying beds and WWTP due to potential for aqueous film forming foams (AFFF) in wastewater associated with firefighting training. Analytical results detected PFAS constituents in groundwater from a monitoring well at the WWTP at concentrations ranging from 352 to 395 nanograms per liter (ng/L) and in excess of the Air Force's screening level of 70 ng/L.

In response, AEC completed soil, sediment and groundwater sampling at the Site to assess potential impacts from PFAS at the WWTP. In conjunction with the PFAS sampling, samples were also analyzed for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), semi-volatile organic compounds (SVOCs), Title 22 metals, polychlorinated biphenyls (PCBs), and organochlorine pesticides (OCPs). Six (6) soil, two (2) sediment and two (2) groundwater samples were collected and analyzed. No PFAS were detected in soil, sediment or groundwater and detection limits were less than the 70 ng/L screening level. Various metals and OCPs were detected in the soil and sediment samples; however, the detected concentrations were below residential and commercial screening levels. Barium was detected in groundwater; however, the concentration was below the maximum contaminant level (MCL). No further assessment is recommended at this time and the presence of PFAS at the WWTP is not considered a REC to the Site.

AEC reviewed historic aerial photographs and topographic maps pertaining to the Site. According to the historic resources reviewed by AEC, the Site has been vacant and undeveloped since prior to 1963. No RECs were revealed during the review of the historical resources.

1.2 Conclusions and Recommendations

AEC has performed this Phase I ESA in conformance with the scope and limitations of ASTM International Practice E 1527-13, 40 Code of Federal Regulations (CFR) Part 312 and the First Industrial Scope of Work for Phase I ESAs. Any exceptions to, or deletions from, this practice are described in the report.

This Phase I ESA did not identify any RECs, controlled RECs or historic RECs associated with the Site.

This Executive Summary is not intended to be used as a "stand alone" document but is a summary of the complete Phase I ESA report.

2.0 Introduction

2.1 Purpose

The purpose of this Phase I ESA is to provide a professional opinion on the presence of recognized environmental conditions and other suspect environmental conditions in connection with the Site, as they existed on the date of the site inspection, and to recommend whether further investigation is required. ASTM Standard Practice E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, specifies minimum requirements for conducting an ESA of a parcel of commercial real estate with respect to the range of contaminants pertinent to the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as well as petroleum products. As such, this ESA is intended to satisfy one of the threshold criteria for satisfying the landowner liability protections to CERCLA liability assuming compliance with other elements of the defense. In other words, this ESA represents one of the practices that constitute "all appropriate inquiry" into the previous ownership and uses of the property consistent with good commercial or customary practice, as defined in 42 USC Section 9601(35)(B) and 40 CFR Part 312.

The goal of the process is to identify recognized environmental conditions, which are defined by the Practice as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. The term recognized environmental condition includes hazardous substances or petroleum products even under conditions in compliance with laws. In addition, the term also included historical recognized environmental conditions and controlled recognized environmental conditions. A historical recognized environmental condition is defined by the Practice as "a past release of hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)." A controlled recognized environmental condition is defined by the Practice as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)." The term recognized environmental condition is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public 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.

The term "environment" is defined in CERCLA 42 USC 9601(8) as "(A) the navigable waters, the water of the contiguous zone, and the ocean waters of which the natural resources are under the exclusive management authority of the United States under the Magnuson-Stevens Fishery conservation and Management Act", and "(B) any other surface water, ground water, drinking water supply, land surface or subsurface strata, or ambient air within the United States or under the jurisdiction of the United States."

The term "release" means any "spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing any hazardous substance or pollutant or contaminant)", but excludes "(A) any release which results in exposure to persons solely within a workplace, with respect to a claim which such persons may assert against the employer of such persons, (B) emissions from the engine exhaust of a motor vehicle, rolling stock, aircraft, vessel, or pipeline pumping station engine, (C) release of source, byproduct, or special nuclear material from a nuclear incident, as those terms are defined in the Atomic Energy Act of 1954 [42 U.S.C. 2011 et seq.], if such release is subject to requirements with respect to financial protection established by the Nuclear Regulatory Commission under section 170 of such Act [42 U.S.C. 2210], or, for the purposes of 42 USC 9604 or any other response action, any release of source byproduct, or special nuclear material from any processing site designated under section 7912(a)(1) or 7942(a) of this title, and (D) the normal application of fertilizer."

2.2 Detailed Scope of Services

The Phase I ESA was conducted in accordance with generally accepted Phase I industry standards using ASTM Standard Practice E 1527-13, 40 CFR Part 312, and the First Industrial Scope of Work for the project. The following services were provided for this assessment:

- A search for environmental liens in connection with the Site.
- An evaluation of standard environmental record sources contained within Federal, State and local environmental databases within specific search distances.
- An evaluation of additional environmental record sources obtained from local regulatory departments/agencies.
- A qualitative evaluation of the physical characteristics of the Site through a review of published topographic, geologic, and hydrogeologic maps; published groundwater data; and area observations to characterize surface water flow in the Site area.
- An evaluation of past Site and adjacent/nearby property uses through a review of historical resources including topographic maps and aerial photographs.
- A physical inspection of the Site conducted to search for conditions indicative of potential environmental concerns including underground storage tanks (USTs), aboveground storage tanks (ASTs), and associated tank piping; stained soil or pavement; equipment that may contain or have historically contained polychlorinated biphenyls (PCBs); and other potential environmental concerns as defined in the ASTM E 1527-13 standard.
- A physical assessment of indications of past uses and visual observations of adjacent and surrounding properties (from curbside or public spaces) to assess potential impacts to the Site.
- Interviews completed with a representative of the current owner of the Site and local regulatory officials.

- The preparation of this Phase I ESA report, which includes the findings of the study and our opinion regarding their level of significance. Conclusions have been drawn based on the significance levels of the findings with subsequent recommendations provided.

2.3 Significant Assumptions

This Phase I ESA was conducted in accordance with ASTM guidelines, 40 CFR Part 312, and the First Industrial Scope of Work. No other warranties either express or implied, are made by AEC. AEC's evaluations, analyses, and opinions should not be taken as representations regarding subsurface conditions (unless sampling was performed) or the actual value of the Site. Subsurface conditions may differ from the conditions implied by the surficial observations, and can only be reliably evaluated through intrusive techniques.

Documentation and data provided by the client, designated representatives, other interested third parties, or from the public domain, and referred to in the preparation of this assessment, are assumed to be complete and correct and have been used and referenced with the understanding that AEC assumes no responsibility or liability for their accuracy. AEC's conclusions are based upon such information and documentation and on our observations of Site conditions, as they existed on the date of the site inspection. Because Site conditions may change significantly over a short period of time and additional data may become available, data reported and conclusions drawn in this report are limited to current conditions and may not be relied upon on a significantly later date.

2.4 Limitations and Exceptions

Reasonable efforts have been made during this assessment to uncover evidence of USTs, ASTs, ancillary equipment associated with such tanks, and other subsurface structures. "Reasonable efforts" are limited to information gained from visual observation of unobstructed areas, recorded database information held in public record, and available information gathered from interviews. Such methods may not identify subsurface equipment that may have been hidden from view due to paving, construction or debris pile storage, or incorrect information from sources.

This investigation was not an environmental compliance audit. While some observations and discussion in this report may address conditions and/or operations that may be regulated, the regulatory compliance of those conditions and/or operations is outside the scope of this investigation. Nothing in this report constitutes a legal opinion or legal advice. For information regarding specific individual or organizational liability, AEC recommends consultation with independent legal counsel.

According to 40 CFR Part 312, Standards and Practices for All Appropriate Inquiry: Final Rule, CERCLA liability rests with the owner or operator of a property and not with an environmental professional hired by the prospective landowner and who is not involved with the ownership or operation of the property. This report meets the requirements set forth in 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries; Final Rule. However, in order to qualify for certain landowner liability protections under CERCLA, "Bona Fide Prospective Purchasers, Contiguous Property Owners, and/or Innocent Landowners" must meet additional requirements of CERCLA (42 U.S.C. 9601 (35)(B)).

2.5 Special Terms and Conditions

No special terms and conditions between AEC and the client pertinent to the findings of this ESA or methodology used to complete this assessment are noted. In addition, AEC does not have a financial interest in the subject property.

2.6 User Reliance

This report may be relied upon by First Industrial Realty Trust, Inc., First Industrial Acquisitions II, LLC and First Industrial L.P., and their affiliates and assignees. The report is not for the use or benefit of, nor may it be relied upon by any other person or entity not referenced above for any purpose without the advance written consent of AEC and the Client. AEC makes no representation to any third party except that it has used the degree of care and skill ordinarily exercised by a reasonable prudent environmental professional in the same community and in the same time frame given the same or similar facts and circumstances. No other use or disclosure is intended or authorized by AEC. In the preparation of this ESA, AEC has used the degree of care and skill ordinarily exercised by a reasonably prudent environmental professional in the same community and in the same time frame given the same or similar facts and circumstances. No other warranties are made to any third party, either express or implied.

3.0 Site Description

3.1 Location and Legal Description

The Site is 23.24-acres in size and located to the north and west of Natwar Lane and east of Interstate 215 (I-215) in Perris, California (i.e. "Site"). The Site is further identified as Riverside County Assessor's Parcel Numbers (APNs) 294-180-13, -028, -029, -030, 295-300-005, -007 and -009. A Vicinity Map depicting the location of the Site is included in Section 13.1.

3.2 Site and Vicinity General Characteristics

The Site is situated an area comprised of commercial and light industrial land uses. MARB is located adjacent to the north and east of the Site. A wastewater treatment plant (WWTP) is to the west across I-215. Various small commercial businesses are located south and immediately west of the Site. Additional details of the Site and adjoining properties are provided in the sections below.

3.3 Current Use of the Site

The Site is currently vacant and undeveloped. An LED billboard is located in the northwest corner of the Site. A dry drainage channel crosses the southern portion of the Site. The Site appears to receive regular disking and/or mowing.

3.4 Description of Structures, Roads, Other Improvements on the Site

As stated previously, the Site is currently vacant and undeveloped. An electronic advertising billboard is located in the northwestern portion of the Site. A drainage culvert is located at the western portion of the Site with the dry drainage channel trending across the southern third of the Site. Electricity in the area is provided by Southern California Edison. Other utilities in the area are provided by the Western Municipal Water District (water), the City of Moreno Valley (sewer), and The Gas Company (natural gas). A Site Plan is included in Section 13.2. Photographs taken of the Site during the Site visit are included in Section 13.3.

3.5 Current Uses of the Adjoining Properties

The surrounding area consists of commercial and light industrial land uses. AEC performed a visual inspection of adjoining properties from adjacent sidewalks and public right-of-ways. The following table identifies the adjacent property uses:

Direction	Adjoining Property Use
North	Vacant land belonging to March Air Reserve Base (future warehouse development).
South	Commercial storage yard.
West	I-215 Freeway, then a wastewater treatment facility.
East	Vacant land, then March Air Reserve Base at the northeast, and Natwar Lane and commercial properties to the east and southeast.

No environmental concerns to the Site relative to adjacent properties were noted during the Site reconnaissance. MARB presents a potential environmental concern to the Site. Details regarding MARB are provided in Section 5.1.

4.0 User Provided Information

4.1 Title Records

The Site is currently owned by Zimmer, Mark R. No environmentally related liens, deed restrictions or activity and use limitations pertaining to the Site were noted during the research completed with the County of Riverside Tax Assessor. In addition, the client is unaware of such encumbrances recorded against the Site.

4.2 Environmental Liens or Activity and Use Limitations

The client has no knowledge of environmental related liens, deed restrictions or activity and use limitations that are related to potential environmental issues at the Site.

4.3 Specialized Knowledge

The client has no specialized knowledge pertinent to potential recognized environmental conditions at the Site.

4.4 Commonly Known or Reasonably Ascertainable Information

The client has no knowledge of commonly known or reasonably ascertainable information pertinent to potential recognized environmental conditions at the Site.

4.5 Valuation Reduction for Environmental Issues

The client has no information pertaining to possible influences on the estimated fair market value of the property that might indicate that significant contamination exists.

4.6 Owner, Property Manager, and Occupant Information

The Site is currently owned and managed by Zimmer, Mark R. The Site is currently vacant and unoccupied.

4.7 Reason for Performing Phase I ESA

Potential acquisition and development by the Client and to comply with 40 CFR Part 312.

5.0 Records Review

5.1 Standard Environmental Record Sources

AEC reviewed Federal, State and local environmental databases provided by Environmental Risk Information Services (ERIS) for information pertaining to documented and/or suspected releases of regulated hazardous substances and/or petroleum products within specified search distances.

AEC also reviewed unmappable sites listed in the environmental database report by cross-referencing addresses and site names. Unmappable sites are sites that cannot be plotted with confidence, but can be located by zip code or city name. In general, a site cannot be mapped because of inaccurate or missing location information in the record provided by the regulatory agency. Any unmappable sites that AEC identified within the specified search radii are included and discussed in the corresponding database sections. Detailed descriptions of each database and their data release frequency are included in the ERIS report, included in Section 13.4.

The following Federal databases related to potential on-site and off-site sources of contamination were reviewed and interpreted by AEC:

Federal Databases	Search Distance From Site
National Priorities List (NPL)	One mile
National Priority List – Proposed (Proposed NPL)	One mile
Deleted National Priorities List (Deleted NPL)	One-half mile
Superfund Enterprise Management System (SEMS)	One-half mile
SEMS Archive Sites (SEMS Archive)	One-half mile
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	One-half mile
CERCLIS No Further Remedial Action Planned (CERCLIS NFRAP)	One-half mile
CERCLIS Liens (CERCLIS LIENS)	Site
Resource Conservation and Recovery Act (RCRA) CORRACTS Corrective Action	One mile
RCRA non-CORRACTS Treatment, Storage, and Disposal (TSD) Facilities	One-half mile
RCRA Large-Quantity Generator (LQG)	One-quarter mile
RCRA Small-Quantity Generator (SQG)	One-quarter mile
RCRA Conditionally Exempt Small Quantity Generator (CESQG)	One-quarter mile
RCRA Non-Generators (RCRA NON GEN)	One-quarter mile
Federal Engineering Controls (FED ENG)	One-half mile
Federal Institutional Controls (FED INST)	One-half mile
Emergency Response Notification System (ERNS)	Site
Federal Brownfields (FED BROWNFIELDSD)	One-half mile
FEMA Underground Storage Tank Listing (FEMA UST)	One-quarter mile
Lien on Property (SEMS LIEN)	Property Only

The following State/local databases related to potential on-site and off-site sources of contamination were also searched and reviewed:

State/Local Databases	Search Distance From Site
State Response Sites (RESPONSE)	One mile

State/Local Databases	Search Distance From Site
EnviroStor Database (ENVIROSTOR)	One mile
Delisted State Response Sites (DELISTED ENVS)	One mile
Solid Waste Information System (SWF/LF)	One-half mile
EnviroStor Hazardous Waste Facilities (HWP)	One mile
Land Disposal Sites (LDS)	One-half mile
Leaking Underground Fuel Tank Reports (LUST)	One-half mile
Delisted Leaking Storage Tanks (DLST)	One-half mile
Permitted Underground Storage Tanks (UST)	One-quarter mile
Proposed Closure of Underground Storage Tank Cases (UST Closure)	One-half mile
Historical Hazardous Substance Storage Information Database (HHSS)	One-quarter mile
Aboveground Storage Tanks (AST)	One-quarter mile
Delisted Storage Tanks (Delisted TNK)	One-quarter mile
California Environmental Reporting System Tanks (CERS TANK)	One-quarter mile
Delisted Environmental Reporting System Hazardous Waste Sites (DELISTED HAZ)	One-half mile
Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions (LUR)	One-half mile
Hazardous Waste Management Program Facility Sites with Deed/Land Use Restrictions (HLUR)	One-half mile
Deed Restriction and Land Use Restriction (DEED)	One-half mile
Voluntary Cleanup Program (VCP)	One-half mile
GeoTracker Cleanup Sites Data (Cleanup Sites)	One-half mile
California Environmental Reporting System Hazardous Waste Sites (CERS HAZ)	One-eighth mile
Delisted California Environmental Reporting System Tanks (DELISTED CTNK)	One-quarter mile
Historical Hazardous Substance Storage Container Information (HIST TANK)	One-quarter mile
Leaking Underground Storage Tanks on Indian Lands (INDIAN LUST)	One-half mile
Underground Storage Tanks on Indian Lands (INDIAN UST)	One-quarter mile
Delisted County Records (DELISTED COUNTY)	One-half mile
Riverside County Local Oversight Program List (RIVERSIDE LOP)	One-half mile
Riverside County Underground Storage Tanks List (UST RIVERSIDE)	One-quarter mile

Subject Site

The Site is not listed on any standard regulatory databases searched by ERIS.

Adjoining and Nearby Properties

Several listings were mapped in the standard regulatory databases within one-eighth mile of the Site. The table below presents a summary of the listed facility and an opinion regarding the potential impact to the Site.

Listed Property and Address	Database(s)	Mapped Distance and Direction From Site	Details	REC To Site?
March Air Force Base 22 CSG/CC	NPL	0.01-mile NNW	Referenced on the CERCLIS database with a "currently on the final NPL" status. Nearby areas of concern have been remediated to No Further Status with no land use restrictions. No known groundwater contamination plumes in vicinity of the Site. Responsible party (Air Force) actively addressing investigation and cleanup activities under the oversight of EPA, Water Board and DTSC.	No
Empire Tractor, PEED Equipment Co, 1480 Nandina Street	LUST Riverside LOP RCRA GEN RCRA NONGEN	0.03-mile SE	Referenced with a closed regulatory case status as of 1/9/2002.	No
JR Pipeline Co Inc 1530 Nandina Ave	CERS TANK RCRA-GEN RCRA NONGEN	0.07-mile S	Referenced with aboveground petroleum storage and as a hazardous waste generator. Reported violations are administrative in nature with no indications of a release. Referenced as a small quantity generator of hazardous waste. Referenced as no longer generating hazardous waste. Referenced with a closed/action completed regulatory case status.	No
AXXIS Corporation 1535 Nandina Ave	RCRA NONGEN	0.07-mile SSE	Referenced as no longer generating hazardous waste.	No
Nandina Liquor 1569 Nandina Ave	Riverside LOP LUST	0.07-mile S	Referenced with a closed/action completed regulatory case status as of March 19, 2018 for a petroleum release.	No
Greenstone Materials Inc 1420 Nandina Ave	DELISTED HAZ RCRA NONGEN	0.11-mile SE	Referenced as no longer generating hazardous waste.	No
March Air Force Base – Site 24 7,123 acres east of Riverside, CA	ENVIROSTOR RESPONSE	0.11-mile WSW	Referenced as a former landfill for March Air Force Base. The landfill utilized an incinerator which produced approximately 12,000 cubic yards of waste ash. Site 24 has been issued an unrestricted use closure. Additional details provided below.	No

Listed Property and Address	Database(s)	Mapped Distance and Direction From Site	Details	REC To Site?
March Air Force Base March Sludge Drying Beds 3430 Bundy Ave	CLEANUP SITES	0.12-mile WSW	Referenced with an unrestricted No Further Action status. Additional details provided below	No

March Air Force Base, currently referred to as March Air Reserve Base (MARB) covers approximately 7,000 acres in the Moreno Valley, California. MARB is adjacent to light industrial, agricultural, and residential areas. MARB has served as a training base and refueling operations base. MARB operations (including aircraft maintenance and repair) involved use and disposal of various chemicals and wastes including chlorinated solvents. Various areas of concern have been identified and affected by spills/releases from historical base operations. The Air Force is the responsible party for remediation and investigation pursuant to a 1995 Record of Decision under the oversight of the US EPA, Regional Water Quality Control Board (RWQCB) and Department of Toxic Substances Control (DTSC). Investigation and remediation reports available on the Geotracker online data management system. In the proximity of and up-gradient to the Site, sludge drying beds were formerly located west of I-215 as part of MARB (identified as Site 19 of Operable Unit 2) and a former landfill was located further west at Riverside National Cemetery (identified as Site 24 of Operable Unit 24). The former sludge beds investigated and remediated as part of improvements by the Western Municipal Water District. Groundwater was determined to flow from northwest to southeast but no groundwater contamination was identified as part of the closure process and the former sludge ponds received No Further Action status with unlimited use and unrestricted exposure status in 2016. The landfill was remediated by removing wastes and relocating to an engineered landfill within MARB. Confirmation sampling completed after removal activities confirmed the removal of wastes to unrestricted land use levels. The Air Force and Air Reserve Board are the lead agencies and potentially responsible parties (PRPs) for the site, with United States Environmental Protection Agency (EPA) and the state providing oversight. Based on the cleanup to unrestricted (residential) standards, the former sludge drying beds and landfill are not considered a REC or historic REC.

In 2018, the Air Force completed groundwater sampling for per- and polyfluoroalkyl substances (PFAS) at the sludge drying beds and WWTP due to potential for aqueous film forming foams (AFFF) in wastewater associated with firefighting training. Analytical results detected PFAS constituents in groundwater from a monitoring well at the WWTP at concentrations ranging from 352 to 395 nanograms per liter (ng/L) and in excess of the Air Force's screening level of 70 ng/L.

In response, AEC completed soil, sediment and groundwater sampling at the Site to assess potential impacts from PFAS at the WWTP. In conjunction with the PFAS sampling, samples were also analyzed for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), semi-volatile organic compounds (SVOCs), Title 22 metals, polychlorinated biphenyls (PCBs), and organochlorine pesticides (OCPs). Six (6) soil, two (2) sediment and two (2) groundwater samples were collected and analyzed. No PFAS were detected in soil, sediment or groundwater. Various metals and OCPs and were detected in the soil and sediment samples; however, the detected concentrations were below residential and commercial screening levels. Barium was detected in groundwater; however, the concentration was below the maximum contaminant level (MCL). No further assessment is recommended at this time and the presence of PFAS at the WWTP is not considered a REC to the Site. A copy of the Phase II ESA report is provided as Appendix 13.8.

Other properties listed in the table above are not considered to be RECs to the Site.

In addition, several properties mapped between one-eighth to one-mile from the Site also appear on various regulatory databases (one RCRA NONGEN, one SUPERFUND ROD, two RESPONSE, three ENVIROSTOR, one SWF/LF and 2 CLEANUP SITES). These properties are not considered to be RECs to the Site. These opinions are based on several factors including the nature of the regulatory database listings, distance of the off-Site listed properties from the Site, orientation of the listed properties relative to the Site, the documented direction of groundwater flow, and/or regulatory case status information for the various properties as described in the database.

Non-ASTM Database Reviews

Below is a list of non-ASTM databases searched by ERIS and reviewed by AEC during the preparation of this assessment. The descriptions of each database and their data release frequency are included in the EDR report, included in Section 13.4.

Federal

FINDS/FRS – Facility Registry Service/Facility Index

TRIS – Toxic Chemical Release Inventory System

HMIRS – Hazardous Materials Information Reporting System

NCDL – National Clandestine Drug Labs

ODI – Open Dump Inventory

IODI – EPA Report on the Status of Open Dumps on Indian Lands

TSCA – Toxic Substances Control Act

HIST TSCA – Toxic Substances Control Act

FTTS ADMIN – Federal Insecticide, Fungicide, & Rodenticide (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS, Administrative Case Listing

FTTS INSP – FTTS Inspection Case Listing

PRP – Potentially Responsible Parties List

SCRD DRYCLEANER – State Coalition for Remediation of Drycleaners Listing

ICIS – Integrated Compliance Information System

FED DRYCLEANERS – Drycleaner Facilities

DELISTED FED DRY – Delisted Drycleaner Facilities

FUDS – Formerly Used Defense Sites

MLTS – Material Licensing Tracking System

HIST MLTS – Historic Material Licensing Tracking System Sites

MINES – Mines Mater Index File

ALT FUELS – Alternative Fueling Stations

SUPERFUND ROD – Superfund Decision Documents

SSTS – Registered Pesticide Establishments

PCB – Polychlorinated Biphenyl (PCB) Notifiers

State

INSP COMP ENF – EnviroStor Inspection, Compliance, and Enforcement

CDL – Clandestine Drug Labs

SCH – School Property Evaluation Program Sites

CHMIRS – California Hazardous Material Incident Report System

SWAT – Sites Listed in the Solid Waste Assessment Test Program Report

HAZNET – Facility and Manifest Data

SWRCB SWF – Solid Waste Disposal Sites

HWSS CLEANUP – Hazardous Waste and Substances Site List- Site Cleanup
DTSC HWF – List of Hazardous Waste Facilities Subject to Corrective Action
HIST MANIFEST – Historical Hazardous Waste Manifest Data
HIST CHMIRS – Historical California Hazardous Material Incident Report System
HIST CORTESE – Historical Cortese List
CDO/CAO – Cease and Desist Orders and Cleanup and Abatement Orders
DRYCLEANERS – Cleaner Facilities
DELISTED DRYC – Delisted Drycleaners
WASTE DISCHG – Waste Discharge Requirements
EMISSIONS – Toxic Pollutant Emissions Facilities
RIVERSIDE HWG – Riverside County Hazardous Waste Generator Sites List
RIVERSIDE HZH – Riverside County Disclosure Facility List

Subject Site

The Site is not listed on any non-ASTM databases searched by ERIS

Adjoining and Nearby Properties

Multiple non-ASTM database listings on the regulatory databases searched by ERIS for nearby off-Site properties are mapped within specified search distances of the Site. These listings are also not considered to be RECs to the Site. This opinion is based on several factors including the type and nature of the facility listings, regulatory case status, distance of the off-Site listed properties from the Site, orientation of the listed properties relative to the Site, and the documented direction of groundwater flow.

5.2 Additional Environmental Record Sources

California State Water Resources Control Board (Geotracker) and Envirostor

AEC searched for information regarding possible releases at the Site on the Geotracker database maintained by the California Water Resources Control Board and the Envirostor database maintained by the DTSC. No release cases pertaining to the Site were identified in the database search of the Site. Information included in the databases regarding nearby properties is consistent with the information found in the ERIS database report. Details regarding MARB reviewed on the Geotracker database were previously discussed in Section 5.1.

County of Riverside Department of Environmental Health (CRDEH)

The CRDEH is unable to search for records for the Site as it does not have a specific address at the time of this report.

5.3 Physical Setting Sources

The following physical setting sources were reviewed to provide information about the topographic, hydrologic, geologic and/or hydrogeologic characteristics of the Site.

5.3.1 Topography and Hydrology

USGS Topographic Quadrangle

Based on the review of United States Geological Survey (USGS) topographic map for the Steele Peak, California 7.5-minute quadrangle (2015), the Site is depicted as being relatively level and located at an elevation of approximately 1,500 feet above mean sea level. Regional topography is shown as sloping to the south and southeast. No structures are depicted on the Site on the map. Streets/roadways in the Site vicinity are shown in their current configuration.

Hydrology/Storm Water Management

Surface runoff at the Site generally infiltrates at the Site or drains into the drainage located at the southern third of the Site and/or into curb storm drain inlets and drains along Natwar Lane west of the Site. With the exception of any runoff which may flow into the drainage channel upstream, and given the topography of the area, the Site does not appear to receive significant runoff during storm events from adjacent and nearby properties.

5.3.2 Geology and Hydrogeology

The Site lies within the Peninsular Ranges Geologic Province of California. This geomorphic province is traversed by a group of northwest trending sub-parallel fault zones and encompasses an area that extends 125 miles from the Transverse Ranges and the Los Angeles Basin south to the Mexican Border and beyond another 775 miles to the tip of Baja California. Rocks within the Peninsular Range Province were emplaced during Cretaceous age orogenic events and uplifted into the present mountain ranges during the late Tertiary and Quaternary. Igneous, metamorphic and sedimentary rocks are all found within the Peninsular Ranges. The area is seismically active, with several known active faults crossing the Province. The Site vicinity is located within thick sequences of alluvial deposits consisting of unconsolidated silts, sands and clays. The depth to bedrock is expected to be greater than 100 feet below ground surface (bgs). Based on geologic resources, the Site is underlain by middle to early Pleistocene age, very old alluvial fan deposits. The deposits are characterized as sandy alluvium; reddish-brown, well-indurated, fan surfaces well-dissected. The Site, as is most of Southern California, is located in a seismically active area. The closest known recently active faults are located in the San Jacinto Fault Zone, located approximately 10 miles northeast. Local soil conditions based on the findings of the Phase II ESA were determined to consist of dense to very dense silty sand with some clay underlain by clayey sand beyond 15 feet bgs.

According to the Water Quality Control Plan for the Santa Ana Region, published by the California Regional Water Quality Control Board (RWQCB), the Property is situated within the Perris Valley Hydrologic Subarea (HSA) of the Perris River Hydrologic Area of the San Jacinto Valley Hydrologic Unit. Groundwater within the Perris Valley HSA has existing beneficial uses for municipal, agricultural and industrial service/process supply purposes. AEC encountered groundwater on Site at depths of approximately 32 feet bgs during the Phase II investigation. Groundwater flow direction is to the southeast based on investigations completed at MARB. The depth and flow of groundwater beneath the Site may vary with seasonal rainfall, groundwater flow rates, bedrock structure, local faulting and other factors.

5.4 Historical Use Information on the Subject Site and Adjoining Properties

Several historical sources (as described in the following sections) were reviewed to develop a history of the previous uses of the Site, in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the Site.

5.4.1 Topographic Maps

AEC reviewed topographic maps from 1901, 1905, 1911, 1927, 1939, 1942, 1955, 1960, 1963, 1969, 1975, 1987, 2012 and 2015 as provided via online resources. The Site is depicted as vacant with no structures depicted on any of the maps reviewed. An ephemeral stream is depicted trending across the southern third of the Site. March Air Force Base is depicted to the north and east of the Site.

5.4.2 Fire Insurance Maps

Fire Insurance Maps (Sanborn maps) are not available for the Site. A copy of the no coverage letter is provided in Section 13.5.

5.4.3 Aerial Photographs

AEC reviewed aerial photographs provided by Historic Information Gatherers (HIG) from 1963, 1966, 1970, 1975, 1980, 1985, 1990, 1994, 2002, 2005, 2009, 2010, 2012, 2014, and 2016. Copies of the aerial photographs are provided in Section 13.6. The results of the aerial photograph review are summarized in the following table:

Aerial Photograph Review	
Year	Observations
1963 - 1980	SITE: The Site is vacant and undeveloped. A drainage appears to trend across the southern third of the Site. SURROUNDING AREA: Adjacent properties appear as agricultural land with some areas appearing as vacant and undeveloped land. I-215 appears similar to its current configuration to the west of the Site. The landing strip for MARB appears to the east of the Site. A wastewater treatment facility first appears to the west of I-215 in the 1978 photograph.
1985 - 2010	SITE: The Site is vacant and undeveloped, similar to its current configuration. SURROUNDING AREA: The southern and southeastern adjacent properties appear similar to their current configurations as commercial storage yards.
2012 - 2016	SITE: The Site is vacant and undeveloped, similar to its current configuration. SURROUNDING AREA: The eastern adjacent property appears similar to its current configuration as a commercial warehouse property. Natwar Lane appears similar to its current configuration to the east of the Site.

5.4.5 State of California Division of Oil and Gas Records

According to online resources provided by the California Department of Conservation, Division of Oil, Gas and Geothermal Resources, there are no oil, gas or geothermal wells mapped on the Site or adjacent properties.

6.0 Site Reconnaissance

The objective of the Site reconnaissance was to obtain information indicating the likelihood of recognized environmental conditions in connection with the Site. The Site walk was conducted on June 19, 2019 by Mr. Keith Sy of AEC's Western Regional office. Mr. Sy was unescorted during the Site reconnaissance.

6.1 Methodology and Limiting Conditions

The Site reconnaissance consisted of inspecting the Site and walking accessible areas and pedestrian walkways surrounding the Site. Full access to the Site was provided. As stated previously, a Site Plan is included in Section 13.2. Photographs of the Site were taken to document existing Site conditions and several are included and described in Section 13.3.

6.2 General Site Setting

The Site is situated an area comprised of commercial and light industrial land uses. MARB is located adjacent to the north and east of the Site. The Site is currently vacant and undeveloped except for an LED billboard in the northwest corner. The current uses of the Site and its adjacent properties are not indicative of the use, treatment, storage, disposal or generation of significant quantities of hazardous substances or petroleum products that represent a REC.

6.3 Site Observations

AEC examined the Site for evidence of the following potential environmental concerns:

Conditions	Not Observed or Noted	Observed or Noted	Significant Environmental Concern?
Hazardous Substances/Petroleum Products	X		--
Waste Generation/Storage/Disposal	X		--
Aboveground Storage Tanks (ASTs)	X		--
Underground Storage Tanks (USTs)	X		--
PCB Containing Equipment		X	No
Chemical/Petroleum Odors	X		--
Pools of Liquid	X		--
Floor Drains/Sumps/Wells	X		--
Drums	X		--
Stains or Corrosion	X		--
Unidentified Substance Containers	X		--
Stained Soil or Pavement	X		--
Stressed Vegetation	X		--
Pits, Ponds or Lagoons		X	No
Wastewater Discharges/Disposal Systems	X		--
Septic Systems/Cesspools	X		--
Non-Hazardous Solid Waste Disposal Areas		X	No
Drinking Water Systems/Water Wells	X		--
Other Features	X		--

The noted items in the table above are discussed below:

PCB Containing Equipment

One pad-mounted electrical transformer was observed on-Site. The electrical transformer is owned by SCE and was not labeled with regard to PCB content. The transformer appears to be in good condition with no evidence of releases or spills. The presence of the electrical transformer is not considered REC.

Pits, Ponds or Lagoons

A culvert located at the western portion of the Site conveys storm water along a drainage channel that trends across the southern third of the Site. The culvert and drainage were dry at the time of the Site reconnaissance with RECs noted.

Non-Hazardous Solid Waste Disposal Areas

Small piles of construction trash/debris were observed in the southern portion of the Site. No staining, hazardous materials or other suspect conditions were observed in the vicinity.

7.0 Interview Information

7.1 Interview With Owner

The Site is currently vested in Mark R. Zimmer. The Site owner is unaware of environmental concerns in connection with the Site.

7.2 Interview With Site Manager

The Site owner is also considered to be the Site Manager as discussed in Section 7.1 above.

7.3 Interviews With Occupants

The Site is vacant with no known occupants.

7.4 Interview With Local Government Official

During the preparation of this assessment, AEC consulted with various regulatory agency sources regarding potential environmental concerns at the Site.

7.5 Interview With Others

Interviews with other persons were not conducted during the preparation of this assessment.

8.0 Findings, Opinions, Conclusions and Recommendations

Advantage Environmental Consultants, LLC has performed a Phase I Environmental Site Assessment, in conformance with the scope and limitations of ASTM Practice E 1527-13, 40 CFR Part 312 and the First Industrial Scope of Work for the project of the Proposed First March Logistics Center property located in Perris, California. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report.

No evidence of RECs, historical RECs or controlled RECs was identified.

9.0 Deviations and Data Gaps

No deviations or data gaps of significance as defined in the ASTM-2013 standard are noted.

10.0 Additional Services

The following items and additional services were completed by AEC during the preparation of this assessment:

10.2 Wetlands

A Biological Technical Report including a Section 401/404 analysis was completed separately for the Site.

10.4 Radon Potential Records Review

The Site is located within US EPA Radon Zone 2 which has predicted average indoor levels of radon between 2 and 4 picoCuries per liter (pCi/L). Radon is not considered to be a concern at the Site.

10.6 Limited Lead in Drinking Water Assessment

According to the most recent water quality report for the Western Municipal Water District, the drinking water supplied to the area is in compliance with all EPA regulations.

10.7 National Pollution Discharge Elimination System (NPDES)

AEC is unaware of current NPDES related requirements in connection with the Site other than stormwater considerations relative to active Site construction activities.

10.8 Threatened/Endangered Species, Landmark/Historical/Cultural Significance Review

Biological, archeological/cultural and paleontological studies pertaining to the Site were prepared concurrently with this Phase I ESA. The results of such studies have been provided to the Client under separate cover.

No other additional services were completed by AEC during the preparation of this assessment.

11.0 References

"All Appropriate Inquiry" as necessary to satisfy the defenses available under 42 U.S.C. §§ 9607(b)(3), 9607(r)(1), and 9607(q), relying on definitions provided at 42 U.S.C. §§ 9601(35)(B); and as further explained in 40 CFR §§ 312.1 – 312.31;

ASTM International, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E 1527-13, Published November 2013;

California Geological Survey, California Geomorphic Provinces, Note 36, 2002;

California Geological Society, Geologic Data Map No 2, 2010 Geologic Map of California, Jennings, Charles W.: <http://www.quake.ca.gov/gmaps/GMC/stategeologicmap.html>

California Geological Society, Geologic Data Map No 6, 2010 Fault Activity Map of California, Jennings, Charles W. and Bryant, William A.: <http://www.quake.ca.gov/gmaps/FAM/faultactivitymap.html>;

California Regional Water Quality Control Board – Santa Ana Region (Region 8), "Water Quality Control Plan, Santa Ana River Basin", 1995;

California State Water Resources Control Board, GeoTracker online database: <http://www.geotracker.swrcb.ca.gov>;

Environmental Risk Information Services, June 27, 2018, Database Report, Nandina Property, Moreno Valley, CA;

State of California Department of Conservation, Division of Oil and Gas and Geothermal Resources, DOGGR Online Mapping System: <http://maps.conservation.ca.gov/doms/doms-app.html>;

United States Environmental Protection Agency, EPA Map of Radon Zones: <http://www.epa.gov/radon/zonemap.html>;

United States Fish and Wildlife Service, National Wetlands Inventory: <http://www.fws.gov/wetlands/Data/Mapper.html>;

United States Geological Survey (USGS), 1979, Perris, CA, Quadrangle 7.5 Minute Topographic Map.

12.0 Signatures and Qualifications of Environmental Professionals

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



Daniel Weis, R.E.H.S.
Branch Manager

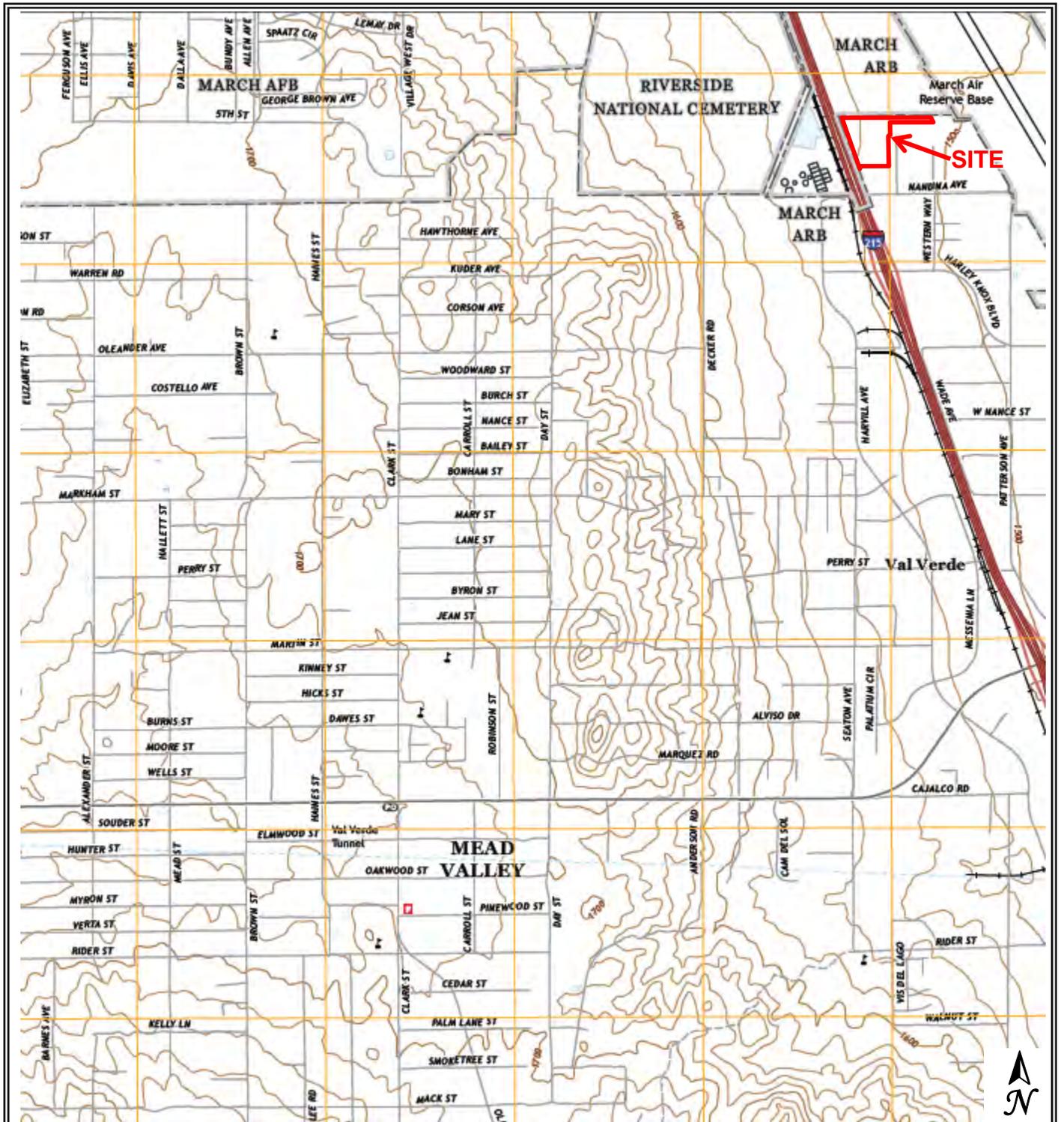


Keith Sy
Project Manager

Qualifications for the environmental professionals involved in the performance of the Phase I ESA are included in Section 13.7.

13.0 Appendices

13.1 Vicinity Map



Steele Peak, CA
2018



145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069
Phone: 760-744-3363 Fax: 760-744-3383

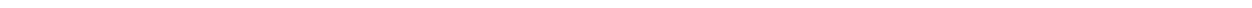
VICINITY MAP
Natwar Property
Natwar Lane
Perris, CA

Work Order No.:
19-314SD

Report Date:
July 2019

Drawn By:
KS

13.2 Site Plan





March Air Reserve Base

SITE

Vacant

Commercial/
Warehouse

Commercial/
Warehouse

Commercial/
Warehouse

Nandina Avenue

Water Treatment
Facility

1-215

Natwar Lane

Western Way



— Approximate Site Boundary



145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069
Phone: 760-744-3363 Fax: 760-744-3383

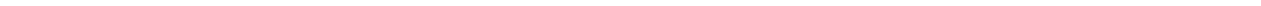
SITE PLAN
Natwar Property
Natwar Lane
Perris, California

Work Order No.:
19-314SD

Report Date:
July 2019

Drawn By:
KS

13.3 Site Photographs





1. View south along Natwar Lane and the eastern border of the Site.



2. View north of the eastern border of the Site from Natwar Lane.



3. View west of the Site.



4. View east along the northern border of the Site.



5. View of the billboard and pad mounted transformer in the northwestern corner of the Site.



6. Southern view of the western portion of the Site.



7. View of the drainage culvert at the western portion of the Site.



8. Eastern view along the drainage channel on-Site.



9. View south of the southwestern portion of the Site.



10. Debris piles at the southern portion of the Site.



11. Eastern adjacent property.



12. Eastern adjacent property.

13.4 Regulatory Database Report



DATABASE REPORT

Project Property: *Natwar Lane
Natwar Lane
Perris CA*

Project No: *2028056*

Report Type: *Database Report*

Order No: *20190625250*

Requested by: *Historical Information Gatherers*

Date Completed: *June 26, 2019*

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Executive Summary

Property Information:

Project Property: *Natwar Lane
Natwar Lane Perris CA*

Project No: *2028056*

Coordinates:

Latitude: *33.868911*
Longitude: *-117.260351*
UTM Northing: *3,747,651.76*
UTM Easting: *475,920.20*
UTM Zone: *UTM Zone 11S*

Elevation: *1,516 FT*

Order Information:

Order No: *20190625250*
Date Requested: *June 25, 2019*
Requested by: *Historical Information Gatherers*
Report Type: *Database Report*

Historicals/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
<u>Standard Environmental Records</u>								
Federal								
NPL	Y	1	0	1	0	0	0	1
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
SEMS	Y	.5	0	0	0	0	-	0
ODI	Y	.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	.5	0	0	0	0	-	0
CERCLIS	Y	.5	0	0	0	0	-	0
IODI	Y	.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	.5	0	0	0	0	-	0
RCRA LQG	Y	.25	0	0	0	-	-	0
RCRA SQG	Y	.25	0	1	0	-	-	1
RCRA CESQG	Y	.25	0	0	0	-	-	0
RCRA NON GEN	Y	.25	0	5	1	-	-	6
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	.5	0	0	0	0	-	0
FEMA UST	Y	.25	0	0	0	-	-	0
REFN	Y	.25	0	0	0	-	-	0
BULK TERMINAL	Y	.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	1	1

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
State								
RESPONSE	Y	1	0	1	0	1	1	3
ENVIROSTOR	Y	1	0	1	0	1	2	4
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	.5	0	0	0	1	-	1
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	.5	0	0	0	0	-	0
LDS	Y	.5	0	0	0	0	-	0
LUST	Y	.5	0	2	0	0	-	2
DELISTED LST	Y	.5	0	0	0	0	-	0
UST	Y	.25	0	0	0	-	-	0
SWRCB SWF	Y	.5	0	0	0	0	-	0
UST CLOSURE	Y	.5	0	0	0	0	-	0
HHSS	Y	.25	0	0	0	-	-	0
AST	Y	.25	0	0	0	-	-	0
DELISTED TNK	Y	.25	0	0	0	-	-	0
CERS TANK	Y	.25	0	1	0	-	-	1
LUR	Y	.5	0	0	0	0	-	0
HLUR	Y	.5	0	0	0	0	-	0
DEED	Y	.5	0	0	0	0	-	0
VCP	Y	.5	0	0	0	0	-	0
CLEANUP SITES	Y	.5	0	1	1	1	-	3
DELISTED CTNK	Y	.25	0	0	0	-	-	0
HIST TANK	Y	.25	0	0	0	-	-	0
Tribal								
INDIAN LUST	Y	.5	0	0	0	0	-	0
INDIAN UST	Y	.25	0	0	0	-	-	0
DELISTED ILST	Y	.5	0	0	0	0	-	0
DELISTED IUST	Y	.25	0	0	0	-	-	0
County								
DELISTED COUNTY	Y	.25	0	0	0	-	-	0
RIVERSIDE LOP	Y	.5	0	2	0	0	-	2
UST RIVERSIDE	Y	.25	0	0	0	-	-	0
<u>Additional Environmental Records</u>								
Federal								
FINDS/FRS	Y	PO	0	1	-	-	-	1
TRIS	Y	PO	0	-	-	-	-	0
HMIRS	Y	.125	0	0	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
NCDL	Y	.125	0	0	-	-	-	0
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED FED DRY	Y	.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	1	1
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	.25	0	0	0	-	-	0
ALT FUELS	Y	.25	0	0	0	-	-	0
SSTS	Y	.25	0	0	0	-	-	0
PCB	Y	.5	0	0	0	0	-	0

State

DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DRYC GRANT	Y	.25	0	0	0	-	-	0
HWSS CLEANUP	Y	.5	0	0	0	1	-	1
DTSC HWF	Y	.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HIST CORTESE	Y	.5	0	0	0	0	-	0
CDO/CAO	Y	.5	0	0	0	0	-	0
CERS HAZ	Y	.125	0	0	-	-	-	0
DELISTED HAZ	Y	.5	0	1	0	0	-	1
GEOTRACKER	Y	.125	0	0	-	-	-	0
WASTE DISCHG	Y	.25	0	0	0	-	-	0
EMISSIONS	Y	.25	0	0	0	-	-	0
CDL	Y	.125	0	0	-	-	-	0

Tribal

No Tribal additional environmental record sources available for this State.

County

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>	
RIVERSIDE HWG	Y	.125	0	1	-	-	-	1	
RIVERSIDE HZH	Y	.125	0	1	-	-	-	1	
<hr/>			Total:	0	19	2	5	5	31

* *PO – Property Only*

* *'Property and adjoining properties' database search radii are set at 0.25 miles.*

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	WESTERN WAY RECYCLING INC	6175 NATWAR LN PERRIS CA 92571	ESE	0.01 / 44.49	-5	22
2	NPL	MARCH AIR FORCE BASE	22 CSG/CC RIVERSIDE CA 92518 <i>EPA ID: CA4570024527</i>	NNW	0.01 / 45.05	3	22
3	LUST	EMPIRE TRACTOR	1480 NANDINA AVE PERRIS CA 92571 <i>Global ID Status Status Date: T0606500575 COMPLETED - CASE CLOSED 2002-01-09 00:00:00</i>	SE	0.03 / 169.96	-7	23
4	CERS TANK	J R Pipeline Co Inc	1530 NANDINA AVE PERRIS CA 92571 <i>Site ID: 125071</i>	S	0.07 / 372.93	-1	25
4	RIVERSIDE HWG	J R Pipeline Co Inc	1530 Nandina Ave Perris CA 92571	S	0.07 / 372.93	-1	38
4	RIVERSIDE HZH	J R Pipeline Co Inc	1530 Nandina Ave Perris CA 92571	S	0.07 / 372.93	-1	38
4	RCRA NON GEN	JR PIPELINE CO INC	1530 NANDINA AVE PERRIS CA 92571-0000 <i>EPA Handler ID: CAL000058479</i>	S	0.07 / 372.93	-1	38
5	RCRA NON GEN	AXXIS CORPORATION	1535 NANDINA AVE PERRIS CA 92571 <i>EPA Handler ID: CAL000389406</i>	SSE	0.07 / 384.70	-4	39
6	RIVERSIDE LOP	NANDINA LIQUOR	1569 NANDINA AVE PERRIS CA <i>Site ID Status Desc: 93025 CLOSED/ACTION COMPLETED</i>	S	0.07 / 389.12	-2	40
7	RIVERSIDE LOP	Empire Tractor Co	1480 Nandina Ave Perris CA <i>Site ID Status Desc: 9914949 CLOSED/ACTION COMPLETED</i>	SSE	0.08 / 402.74	-8	40
7	RCRA NON GEN	PEED EQUIPMENT COMPANY	1480 NANDINA AVE PERRIS CA 92571-7008 <i>EPA Handler ID: CAL000359510</i>	SSE	0.08 / 402.74	-8	40
7	RCRA SQG	EMPIRE TRACTOR CO	1480 NANDINA AVE PERRIS CA 92571 <i>EPA Handler ID: CA0000137596</i>	SSE	0.08 / 402.74	-8	41

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
8	LUST	NANDINA LIQUOR	1569 NANDINA AVE PERRIS CA 92571	S	0.09 / 481.59	0	42
<i>Global ID Status Status Date:</i> T0606500307 COMPLETED - CASE CLOSED 2018-03-19 00:00:00							
9	ENVIROSTOR	MARCH AIR FORCE BASE - SITE 24	7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518	WSW	0.11 / 587.38	7	63
<i>Estor/EPA ID Cleanup Status:</i> 33350014 CERTIFIED AS OF 5/1/1986							
9	RESPONSE	MARCH AIR FORCE BASE - SITE 24	7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518	WSW	0.11 / 587.38	7	64
<i>Estor/EPA ID Cleanup Status:</i> 33350014 CERTIFIED AS OF 5/1/1986							
10	DELISTED HAZ	Greenstone Materials Inc	1420 NANDINA AVE PERRIS CA 92571	SE	0.11 / 602.75	-13	65
10	RCRA NON GEN	GREENSTONE MATERIALS INC	1420 NANDINA AVE PERRIS CA 92571-7008	SE	0.11 / 602.75	-13	65
<i>EPA Handler ID:</i> CAL000364871							
10	RCRA NON GEN	PEED EQUIPMENT COMPANY	1420 NANDINA AVE PERRIS CA 92571	SE	0.11 / 602.75	-13	66
<i>EPA Handler ID:</i> CAC002965950							
11	CLEANUP SITES	March Air Force Base - US Air Force, former March AFB - OU-2 - SITE 19 West	March Sludge Drying Beds 3430 Bundy Ave. Riverside CA 92518	WSW	0.12 / 659.59	9	67
<i>Site Facility Type Status:</i> Military Cleanup Site Completed - Case Closed							
12	RCRA NON GEN	TIGER & SONS INC DBA PERRIS AUTO REPAIR CENTER	5168 WESTERN WAY PERRIS CA 92571	SE	0.18 / 958.46	-15	79
<i>EPA Handler ID:</i> CAL000331973							
13	CLEANUP SITES	March Air Force Base - US Air Force, former March AFB - OU-2 - SiTE 24 Landfill	No. 1 3430 Bundy Ave. Riverside CA 92518	WSW	0.23 / 1,188.24	20	80
<i>Site Facility Type Status:</i> Military Cleanup Site Completed - Case Closed							
14	SWF/LF	Site Y -Camp Haan	North End Decker Road / West of I- 215 March Air Force Base CA	WSW	0.30 / 1,585.74	26	84
<i>Operational Status Activity:</i> Closed Solid Waste Disposal Site							
15	HWSS CLEANUP	CAMP HAAN (J09CA0279)	WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 215 RIVERSIDE CA 92518	W	0.33 / 1,722.99	32	85
<i>Estor/EPA ID Cleanup Status:</i> 71000062 ACTIVE AS OF 2/16/2017							
15	ENVIROSTOR	CAMP HAAN (J09CA0279)	WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 215 RIVERSIDE CA 92518	W	0.33 / 1,722.99	32	87

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			<i>Estor/EPA ID Cleanup Status:</i> 71000062 ACTIVE AS OF 2/16/2017				
15	RESPONSE	CAMP HAAN (J09CA0279)	WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 215 RIVERSIDE CA 92518	W	0.33 / 1,722.99	32	90
			<i>Estor/EPA ID Cleanup Status:</i> 71000062 ACTIVE AS OF 2/16/2017				
16	CLEANUP SITES	Camp Haan, Site Y - US Army Camp Haan (former), Site Y, Landfill at Riverside	National Cemetery 22495 Van Buren Boulevard RIVERSIDE CA 92518	WSW	0.41 / 2,141.89	42	92
			<i>Site Facility Type Status:</i> Military Cleanup Site Open - Site Assessment				
17	FUDS	CAMP HAAN	RIVERSIDE CA	W	0.54 / 2,825.22	54	116
18	SUPERFUND ROD	MARCH AIR FORCE BASE	22 CSG/CC RIVERSIDE CA 92518	SE	0.85 / 4,506.14	-36	116
19	ENVIROSTOR	MARCH AFB	(1.25 MILES SOUTH OF) ALESSANDRO CA	W	0.87 / 4,598.22	90	118
			<i>Estor/EPA ID Cleanup Status:</i> 80001157 INACTIVE - NEEDS EVALUATION AS OF 7/1/2005				
20	ENVIROSTOR	MARCH AIR FORCE BASE - SITE 40	7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518	N	0.91 / 4,812.88	4	118
			<i>Estor/EPA ID Cleanup Status:</i> 33970003 CERTIFIED AS OF 10/4/1995				
20	RESPONSE	MARCH AIR FORCE BASE - SITE 40	7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518	N	0.91 / 4,812.88	4	120
			<i>Estor/EPA ID Cleanup Status:</i> 33970003 CERTIFIED AS OF 10/4/1995				

Executive Summary: Summary by Data Source

Standard

Federal

NPL - National Priority List

A search of the NPL database, dated Apr 11, 2019 has found that there are 1 NPL site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MARCH AIR FORCE BASE	22 CSG/CC RIVERSIDE CA 92518	NNW	0.01 / 45.05	2
<i>EPA ID: CA4570024527</i>				

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Mar 4, 2019 has found that there are 1 RCRA SQG site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
EMPIRE TRACTOR CO	1480 NANDINA AVE PERRIS CA 92571	SSE	0.08 / 402.74	7
<i>EPA Handler ID: CA0000137596</i>				

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Mar 4, 2019 has found that there are 6 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
JR PIPELINE CO INC	1530 NANDINA AVE PERRIS CA 92571-0000	S	0.07 / 372.93	4
<i>EPA Handler ID: CAL000058479</i>				
AXXIS CORPORATION	1535 NANDINA AVE PERRIS CA 92571	SSE	0.07 / 384.70	5
<i>EPA Handler ID: CAL000389406</i>				
PEED EQUIPMENT COMPANY	1480 NANDINA AVE PERRIS CA 92571-7008	SSE	0.08 / 402.74	7
<i>EPA Handler ID: CAL000359510</i>				
GREENSTONE MATERIALS INC	1420 NANDINA AVE PERRIS CA 92571-7008	SE	0.11 / 602.75	10
<i>EPA Handler ID: CAL000364871</i>				
PEED EQUIPMENT COMPANY	1420 NANDINA AVE PERRIS CA 92571	SE	0.11 / 602.75	10

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>EPA Handler ID: CAC002965950</i>			
TIGER & SONS INC DBA PERRIS AUTO REPAIR CENTER	5168 WESTERN WAY PERRIS CA 92571	SE	0.18 / 958.46	12
	<i>EPA Handler ID: CAL000331973</i>			

SUPERFUND ROD - Superfund Decision Documents

A search of the SUPERFUND ROD database, dated Apr 11, 2019 has found that there are 1 SUPERFUND ROD site(s) within approximately 1.00 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MARCH AIR FORCE BASE	22 CSG/CC RIVERSIDE CA 92518	SE	0.85 / 4,506.14	18

State

RESPONSE - State Response Sites

A search of the RESPONSE database, dated Mar 11, 2019 has found that there are 3 RESPONSE site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MARCH AIR FORCE BASE - SITE 24	7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518 <i>Estor/EPA ID Cleanup Status: 33350014 CERTIFIED AS OF 5/1/1986</i>	WSW	0.11 / 587.38	9
CAMP HAAN (J09CA0279)	WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 215 RIVERSIDE CA 92518 <i>Estor/EPA ID Cleanup Status: 71000062 ACTIVE AS OF 2/16/2017</i>	W	0.33 / 1,722.99	15
MARCH AIR FORCE BASE - SITE 40	7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518 <i>Estor/EPA ID Cleanup Status: 33970003 CERTIFIED AS OF 10/4/1995</i>	N	0.91 / 4,812.88	20

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Mar 11, 2019 has found that there are 4 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MARCH AIR FORCE BASE - SITE 24	7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518 <i>Estor/EPA ID Cleanup Status: 33350014 CERTIFIED AS OF 5/1/1986</i>	WSW	0.11 / 587.38	9
CAMP HAAN (J09CA0279)	WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 215 RIVERSIDE CA 92518 <i>Estor/EPA ID Cleanup Status: 71000062 ACTIVE AS OF 2/16/2017</i>	W	0.33 / 1,722.99	15

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MARCH AFB	(1.25 MILES SOUTH OF) ALESSANDRO CA	W	0.87 / 4,598.22	19
<i>Estor/EPA ID Cleanup Status: 80001157 INACTIVE - NEEDS EVALUATION AS OF 7/1/2005</i>				
MARCH AIR FORCE BASE - SITE 40	7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518	N	0.91 / 4,812.88	20
<i>Estor/EPA ID Cleanup Status: 33970003 CERTIFIED AS OF 10/4/1995</i>				

SWF/LF - Solid Waste Information System (SWIS)

A search of the SWF/LF database, dated May 13, 2019 has found that there are 1 SWF/LF site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Site Y -Camp Haan	North End Decker Road / West of I- 215 March Air Force Base CA	WSW	0.30 / 1,585.74	14
<i>Operational Status Activity: Closed Solid Waste Disposal Site</i>				

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Apr 10, 2019 has found that there are 2 LUST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
NANDINA LIQUOR	1569 NANDINA AVE PERRIS CA 92571	S	0.09 / 481.59	8
<i>Global ID Status Status Date: T0606500307 COMPLETED - CASE CLOSED 2018-03-19 00:00:00</i>				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
EMPIRE TRACTOR	1480 NANDINA AVE PERRIS CA 92571	SE	0.03 / 169.96	3
<i>Global ID Status Status Date: T0606500575 COMPLETED - CASE CLOSED 2002-01-09 00:00:00</i>				

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated May 6, 2019 has found that there are 1 CERS TANK site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
J R Pipeline Co Inc	1530 NANDINA AVE PERRIS CA 92571	S	0.07 / 372.93	4
<i>Site ID: 125071</i>				

CLEANUP SITES - GeoTracker Cleanup Program Sites

A search of the CLEANUP SITES database, dated Apr 17, 2019 has found that there are 3 CLEANUP SITES site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
March Air Force Base - US Air Force, former March AFB - OU-2 - SITE 19 West	March Sludge Drying Beds 3430 Bundy Ave. Riverside CA 92518	WSW	0.12 / 659.59	11
<i>Site Facility Type Status: Military Cleanup Site Completed - Case Closed</i>				
March Air Force Base - US Air Force, former March AFB - OU-2 - SITE 24 Landfill	No. 1 3430 Bundy Ave. Riverside CA 92518	WSW	0.23 / 1,188.24	13
<i>Site Facility Type Status: Military Cleanup Site Completed - Case Closed</i>				
Camp Haan, Site Y - US Army Camp Haan (former), Site Y, Landfill at Riverside	National Cemetery 22495 Van Buren Boulevard RIVERSIDE CA 92518	WSW	0.41 / 2,141.89	16
<i>Site Facility Type Status: Military Cleanup Site Open - Site Assessment</i>				

County

RIVERSIDE LOP - Riverside County - Local Oversight Program List

A search of the RIVERSIDE LOP database, dated May 16, 2019 has found that there are 2 RIVERSIDE LOP site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
NANDINA LIQUOR	1569 NANDINA AVE PERRIS CA	S	0.07 / 389.12	6
<i>Site ID Status Desc: 93025 CLOSED/ACTION COMPLETED</i>				
Empire Tractor Co	1480 Nandina Ave Perris CA	SSE	0.08 / 402.74	7
<i>Site ID Status Desc: 9914949 CLOSED/ACTION COMPLETED</i>				

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Apr 23, 2019 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
WESTERN WAY RECYCLING INC	6175 NATWAR LN PERRIS CA 92571	ESE	0.01 / 44.49	1

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated Oct 23, 2018 has found that there are 1 FUDS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CAMP HAAN	RIVERSIDE CA	W	0.54 / 2,825.22	17

State

HWSS CLEANUP - Hazardous Waste and Substances Site List - Site Cleanup

A search of the HWSS CLEANUP database, dated Apr 23, 2019 has found that there are 1 HWSS CLEANUP site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CAMP HAAN (J09CA0279)	WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 215 RIVERSIDE CA 92518 <i>Estor/EPA ID Cleanup Status: 71000062 ACTIVE AS OF 2/16/2017</i>	W	0.33 / 1,722.99	15

DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the DELISTED HAZ database, dated Nov 29, 2018 has found that there are 1 DELISTED HAZ site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Greenstone Materials Inc	1420 NANDINA AVE PERRIS CA 92571	SE	0.11 / 602.75	10

County

RIVERSIDE HWG - Riverside County - Hazardous Waste Generator Sites List

A search of the RIVERSIDE HWG database, dated May 16, 2019 has found that there are 1 RIVERSIDE HWG site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
J R Pipeline Co Inc	1530 Nandina Ave Perris CA 92571	S	0.07 / 372.93	4

RIVERSIDE HZH - Riverside County - Disclosure Facility List

A search of the RIVERSIDE HZH database, dated May 16, 2019 has found that there are 1 RIVERSIDE HZH site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
J R Pipeline Co Inc	1530 Nandina Ave Perris CA 92571	S	0.07 / 372.93	4

117°16'30"W

117°16'W

117°15'30"W

117°15'W

117°14'30"W

33°53'N

33°53'N

33°52'30"N

33°52'30"N

33°52'N

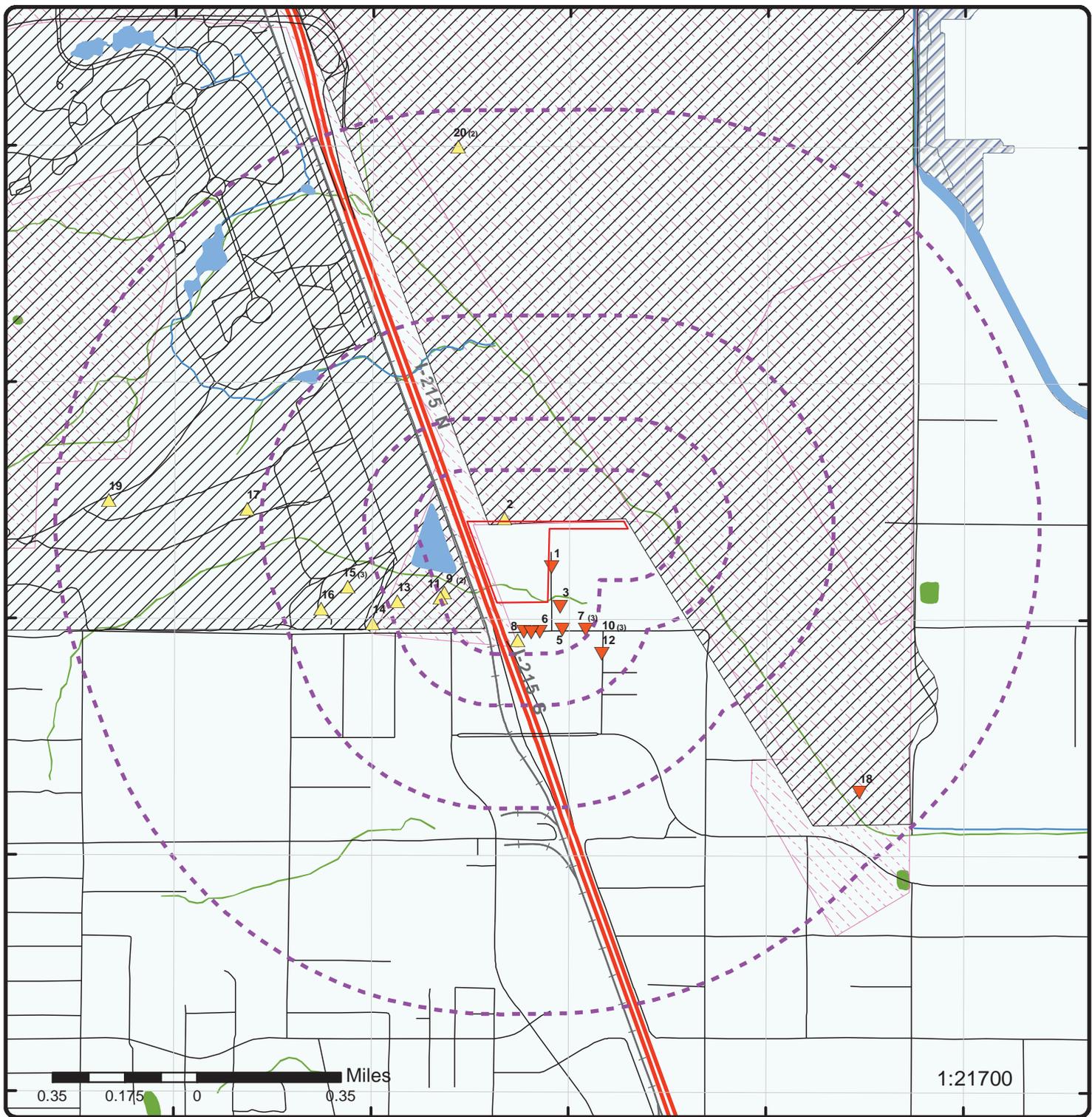
33°52'N

33°51'30"N

33°51'30"N

33°51'N

33°51'N



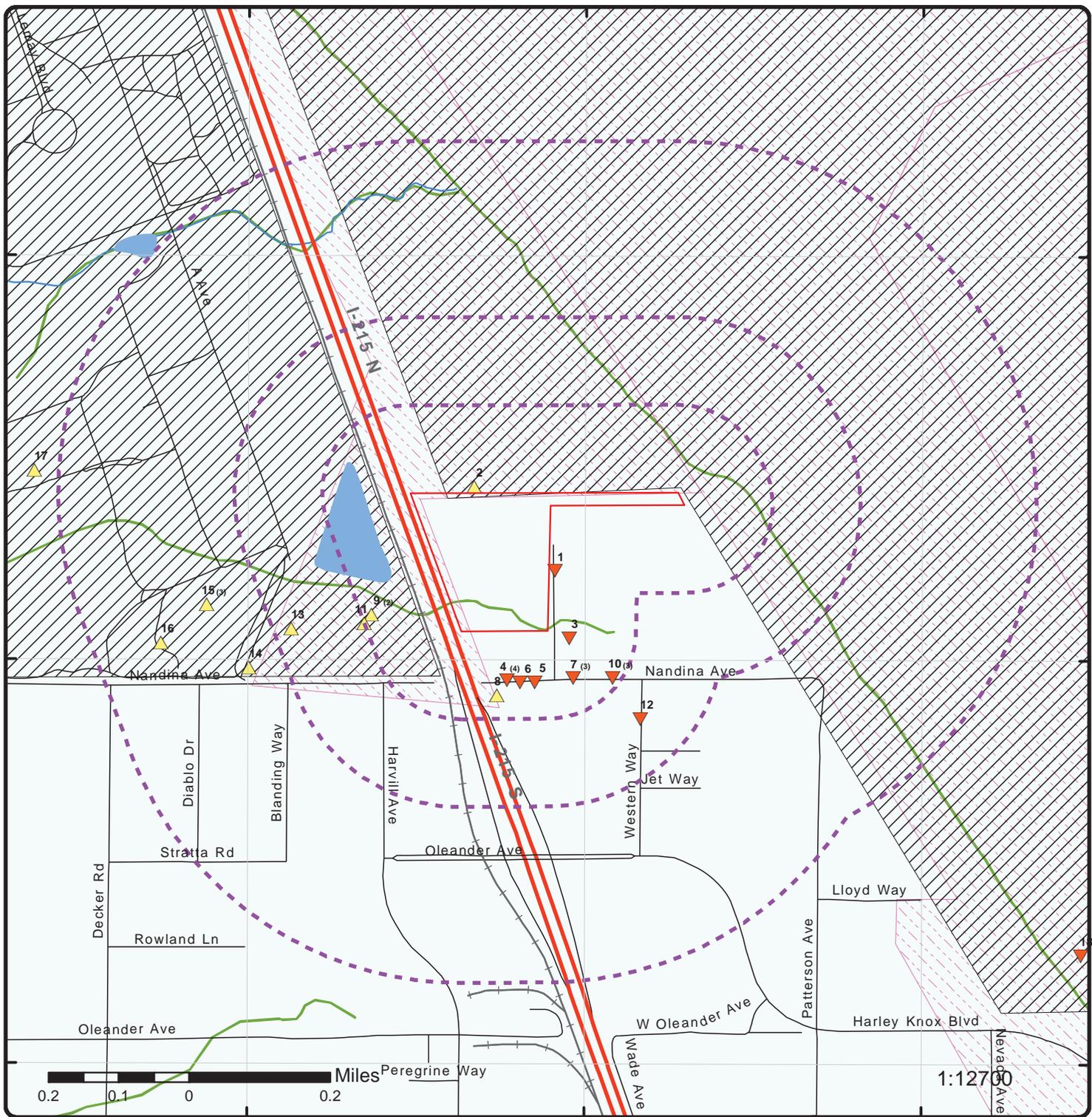
Map : 1 Mile Radius

Order No: 20190625250

Address: Natwar Lane, Perris, CA



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



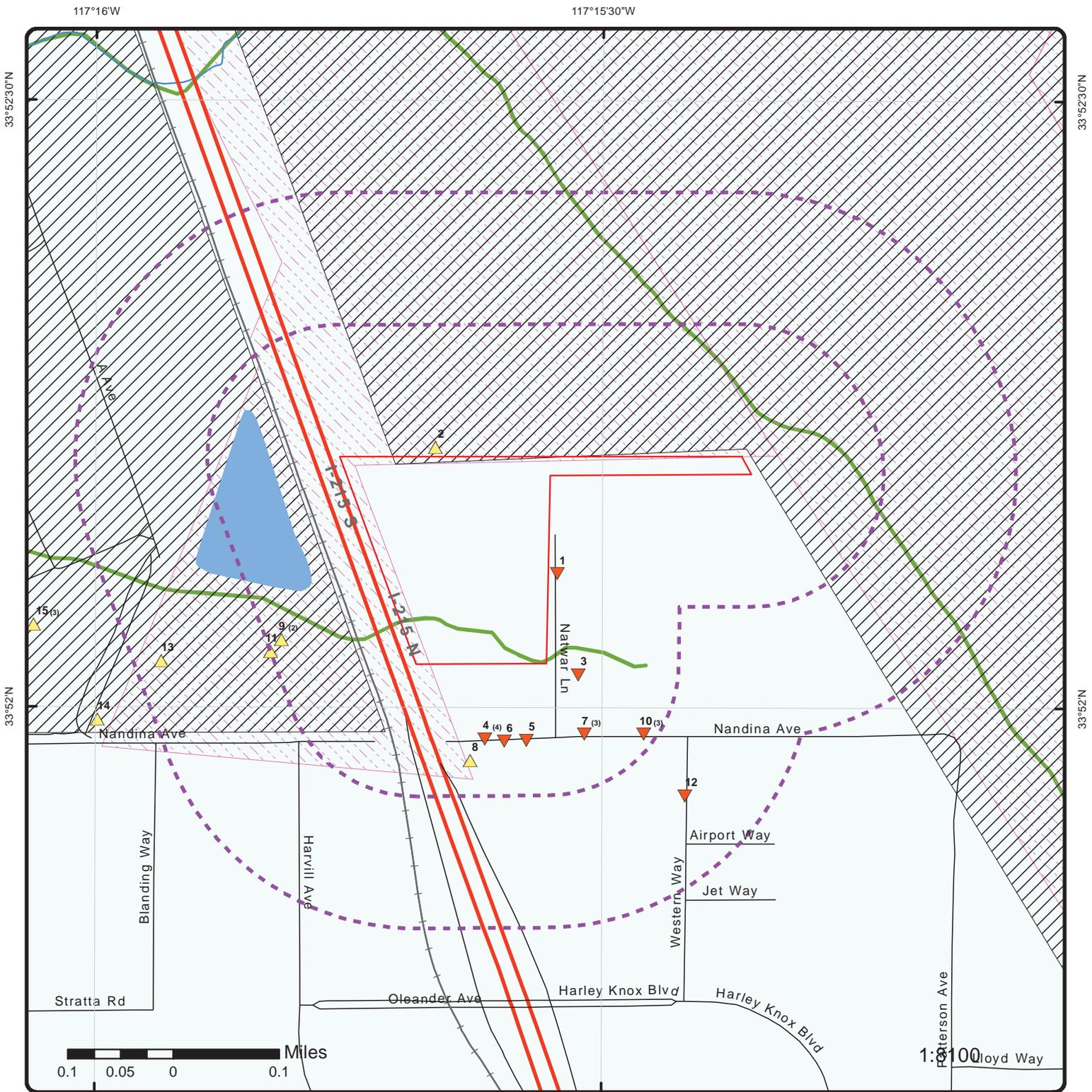
Map : 0.5 Mile Radius

Order No: 20190625250

Address: Natwar Lane, Perris, CA



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



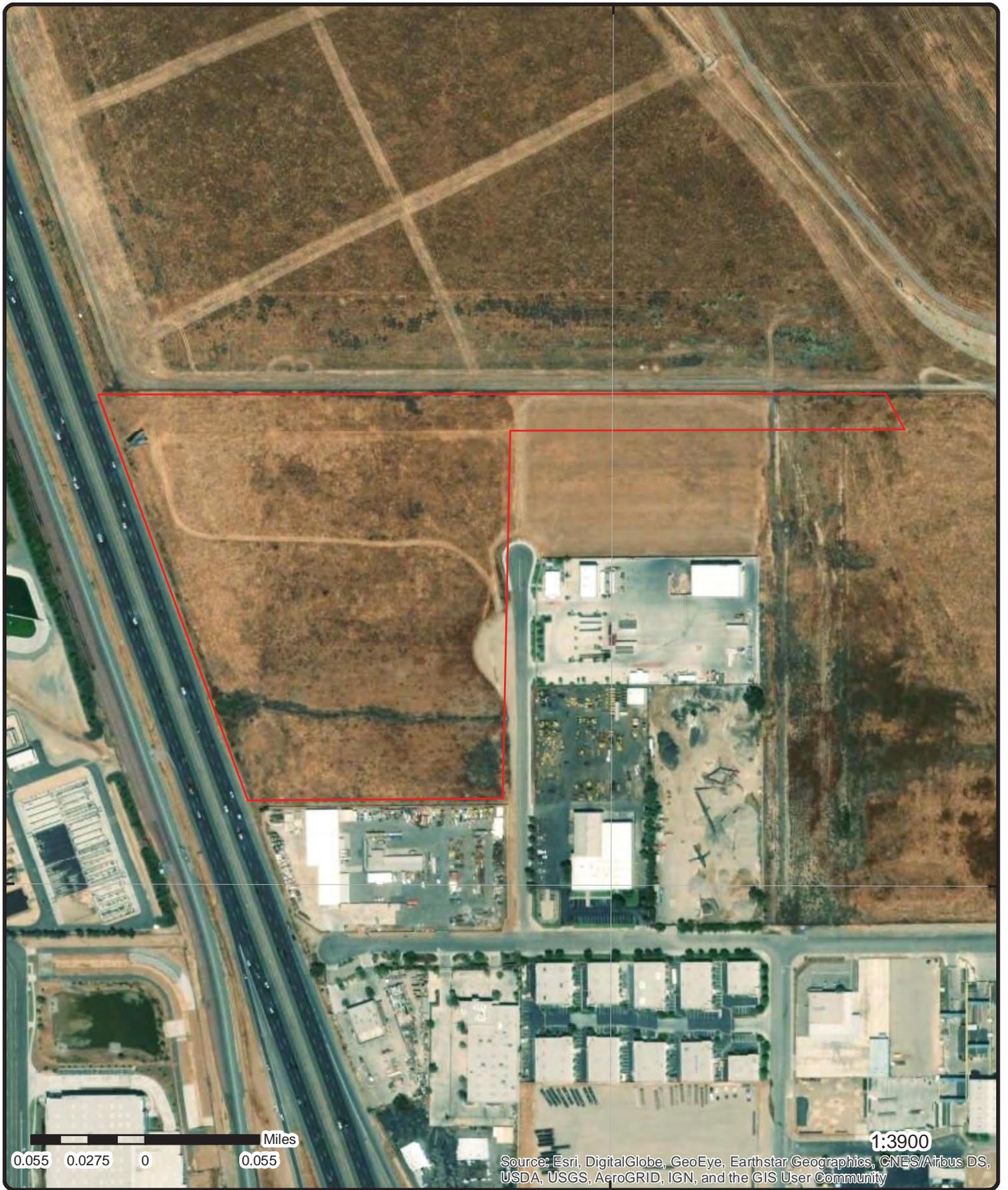
Map : 0.25 Mile Radius

Order No: 20190625250

Address: Natwar Lane, Perris, CA



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



33°52'N

33°52'N

Aerial (2017)

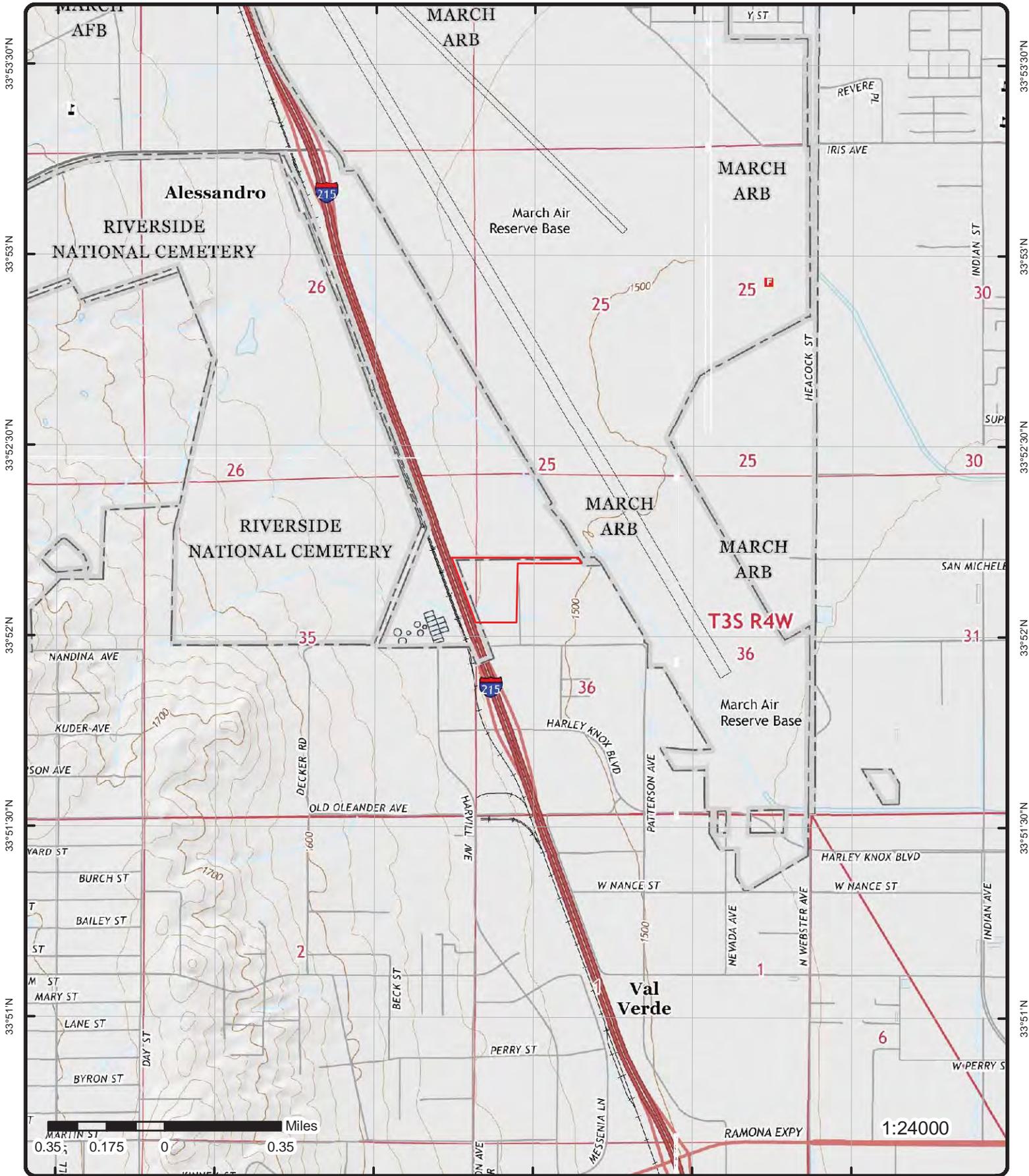
Address: Natwar Lane, Perris, CA

Source: ESRI World Imagery

Order No: 20190625250



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Topographic Map (2015)

Address: Natwar Lane, Perris, CA

Quadrangle(s): Sunnymead, CA; Steele Peak, CA; Riverside East, CA; Perris, CA;

Source: USGS Topographic Map

Order No: 20190625250



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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	ESE	0.01 / 44.49	1,511.61 / -5	WESTERN WAY RECYCLING INC 6175 NATWAR LN PERRIS CA 92571	FINDS/FRS

Registry ID: 110070092042
FIPS Code: 06065
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 07-AUG-2017 10:42:53
Update Date:
Interest Types: ICIS-NPDES NON-MAJOR, STORM WATER INDUSTRIAL
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 09
County Name: RIVERSIDE COUNTY
US/Mexico Border Ind:
Latitude: 33.86851
Longitude: -117.25813
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070092042
Program Acronyms:

NPDES:CAZ430403

<u>2</u>	1 of 1	NNW	0.01 / 45.05	1,519.07 / 3	MARCH AIR FORCE BASE 22 CSG/CC RIVERSIDE CA 92518	NPL
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EPA ID: CA4570024527
SITE ID: 0902761
SEMS ID: 902761
Latitude: 33.906389
Longitude: -117.2557

NPL (SEMS FOIA 004)

Final Date: 11/21/89
FF: Yes
County: RIVERSIDE
Latitude: 33.906389
Longitude: -117.255700

NPL Status Information (ArcGIS)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Status: NPL Site
Proposed Date: 07/14/1989
Listing Date: 11/21/1989
Construction Completion:
Construction Compl No: 0
NOID Date:
Deletion Date:
Site Listing Narrative: CA4570024527 (PDF) <https://semspub.epa.gov/src/document/09/2400158>
Site Progress Profile: March Air Force Base (<https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0902761>)
Proposed Fr Notice: 07/14/1989 (PDF) (<https://semspub.epa.gov/src/document/11/189650>)
Listing Fr Notice: 11/21/1989 (PDF), <https://semspub.epa.gov/src/document/11/189634>
Noid Fr Notice:
Deletion Fr Notice:
Restoration Fr Notice:
Site Had a Partial Deletion: No

3	1 of 1	SE	0.03 / 169.96	1,509.50 / -7	EMPIRE TRACTOR 1480 NANDINA AVE PERRIS CA 92571	LUST
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Global ID: T0606500575
Status: COMPLETED - CASE CLOSED
Status Date: 2002-01-09 00:00:00
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download
County: RIVERSIDE
Latitude: 33.8671188104111
Longitude: -117.258709195107

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case Number: 083303385T
Local Case Number: 9914949
Begin Date: 1999-02-23 00:00:00
Lead Agency: RIVERSIDE COUNTY LOP
Local Agency: RIVERSIDE COUNTY LOP
CUF Case: YES
Potential COC: Waste Oil / Motor / Hydraulic / Lubricating
How Discovered: Tank Closure
Stop Method: Close and Remove Tank
Stop Description:
Case Worker: SCB
File Location: Local Agency Warehouse
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: San Jacinto Valley - Perris - Perris Valley (802.11)
DWR GW Subbasin Name: San Jacinto (8-005)
Disadvantaged Community:
Site History:

Regulatory Activity

Action Type: ENFORCEMENT
Date : 2009-04-02 00:00:00
Action: Closure/No Further Action Letter - #Site Closure
Action Type: ENFORCEMENT
Date : 2009-04-01 00:00:00
Action: File review - #RCDEH Upload Site File 3/11/2015
Action Type: Other
Date : 1999-02-28 00:00:00
Action: Leak Stopped
Action Type: Other
Date : 1999-02-23 00:00:00
Action: Leak Reported
Action Type: Other
Date : 1999-02-23 00:00:00
Action: Leak Discovery

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Regulatory Contacts

Contact Type:	Regional Board Caseworker	Address:	3737 Main Street, Suite 500
Contact Name:	MIGUEL OVIEDO	Email:	miguel.oviedo@waterboards.ca.gov
City:	RIVERSIDE	Phone Number:	9517823238
Organization Name:	SANTA ANA RWQCB (REGION 8)		

Contact Type:	Local Agency Caseworker	Address:	3880 LEMON ST SUITE 200
Contact Name:	SHARON BOLTINGHOUSE	Email:	sbolting@rivco.org
City:	RIVERSIDE	Phone Number:	9519558980
Organization Name:	RIVERSIDE COUNTY LOP		

Status History

Status: Completed - Case Closed
Status Date: 2002-01-09 00:00:00

Status: Open - Case Begin Date
Status Date: 1999-02-23 00:00:00

LUST Cleanup Sites from GeoTracker Search - Regulatory Profile(as of Jan 18, 2019)

Site Facility Name:	EMPIRE TRACTOR	Address:	1480 NANDINA AVE
Site Facility Type:	LUST CLEANUP SITE	City:	PERRIS
Cleanup Status:	COMPLETED - CASE CLOSED	Zip:	92571
Project Status:		County:	RIVERSIDE
Potential COC:	WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING	CUF Claim:	15666
WDR Place Type:		CUF Priority Assig:	C
WDR File:		CUF Amount Paid:	\$23,627
WDR Order:			
File Location:	LOCAL AGENCY WAREHOUSE		
Designated Beneficial Use:	MUN, AGR, IND, PROC		
Project Oversight Agencies:			
Report Link:	http://geotracker.waterboards.ca.gov/profile_report?global_id=T0606500575		
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 1/9/2002		
Cleanup History Link:	http://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0606500575&tabname=regulatoryhistory		
Potential Media Of Concern:	SOIL		
User Defined Beneficial Use:	NONE SPECIFIED		
DWR GW Sub Basin:	San Jacinto (8-005)		
Calwater Watershed Name:	San Jacinto Valley - Perris - Perris Valley (802.11)		
Post Closure Site Management:	NOTIFY PRIOR TO CHANGE IN LAND USE		
Future Land Use:			
Cleanup Oversight Agencies:	RIVERSIDE COUNTY LOP (LEAD) - CASE #: 9914949 CASEWORKER: SHARON BOLTINGHOUSE SANTA ANA RWQCB (REGION 8) - CASE #: 083303385T CASEWORKER: MIGUEL OVIEDO		

Site History:

No site history available

LUST Cleanup Sites from GeoTracker Search - Cleanup Action Report(as of Jan 18, 2019)

Status: Completed - Case Closed
Date : 1/9/2002

Status: Open - Case Begin Date
Date : 2/23/1999

LUST Cleanup Sites from GeoTracker Search - Regulatory Activities(as of Jan 18, 2019)

Action Type: Other Regulatory Actions

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		4/2/2009				
Received Issue Date:		4/2/2009				
Action:		Closure/No Further Action Letter - #Site Closure				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500575&enforcement_id=6008528&template=ENFORCEMENT				
Action Type:		Other Regulatory Actions				
Action Date:		4/1/2009				
Received Issue Date:		4/1/2009				
Action:		File review - #RCDEH Upload Site File 3/11/2015				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500575&enforcement_id=6051203&template=ENFORCEMENT				
Action Type:		Leak Action				
Action Date:		2/28/1999				
Received Issue Date:						
Action:		Leak Stopped				
Doc Link:						
Action Type:		Leak Action				
Action Date:		2/23/1999				
Received Issue Date:						
Action:		Leak Reported				
Doc Link:						
Action Type:		Leak Action				
Action Date:		2/23/1999				
Received Issue Date:						
Action:		Leak Discovery				
Doc Link:						

LUST Cleanup Sites from GeoTracker Search - Documents(as of Jan 18, 2019)

Document Type:	Site Documents	Size :	
Document Date:	4/2/2009	Submitted By:	RIVERSIDE COUNTY LOP (REGULATOR)
Type:	CLOSURE/NO FURTHER ACTION LETTER	Submitted:	
Title:	RIVCO SITE CLOSURE		
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500575&enforcement_id=6008528		
Document Type:	Site Documents	Size :	
Document Date:	4/1/2009	Submitted By:	LINDA SHURLOW (REGULATOR)
Type:	FILE REVIEW	Submitted:	
Title:	RCDEH UPLOAD SITE FILE 3/11/2015		
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500575&enforcement_id=6051203		

4	1 of 4	S	0.07 / 372.93	1,515.37 / -1	J R Pipeline Co Inc 1530 NANDINA AVE PERRIS CA 92571	CERS TANK
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Site ID: 125071
Latitude: 33.866817
Longitude: -117.260231

Regulated Programs

EI Description: Aboveground Petroleum Storage
EI ID: 10316086

EI Description: Hazardous Waste Generator
EI ID: 10316086

EI Description: Chemical Storage Facilities
EI ID: 10316086

Violations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Date: 09/05/2018 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Riverside County Department of Env Health
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: No training records observed/provided during inspection. CORRECTIVE ACTION: Owner/operator shall provide employees with initial or refresher hazardous waste training as required. Submit a copy of the roster and the syllabus to the CUPA.

Violation Description:

Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.

Violations

Violation Date: 09/05/2018 **Violation Source:** CERS
Violation Program: APSA **Violation Division:** Riverside County Department of Env Health
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Violation Description:

Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.

Violations

Violation Date: 12/07/2018 **Violation Source:** CERS
Violation Program: APSA **Violation Division:** Riverside County Department of Env Health
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Notes:

Violation Description:

- Failure to comply with one or more of the following requirements:
1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector.
 2. Keep written procedures and records of inspections and integrity tests for at least three years.
 3. Keep comparison records.

Violations

Violation Date: 09/05/2018 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Riverside County Department of Env Health
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: Observed the presence of multiple hazardous waste violations at this facility. The presence of multiple violations indicates that inspections of the hazardous waste areas are not being conducted. CORRECTIVE ACTION: Owner/operator shall conduct weekly inspections of all hazardous waste storage areas.

Violation Description:

Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.

Violations

Violation Date: 12/07/2018 **Violation Source:** CERS
Violation Program: APSA **Violation Division:** Riverside County Department of Env Health
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67 , Section(s) 25270.4.5 (a)
Violation Notes:

Violation Description:

Failure to have management or a professional engineer certify the SPCC Plan and comply with certification requirements at a qualified facility.

Violations

Violation Date: 05/24/2016
Violation Program: HMRRP
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Notes:

Violation Source: CERS
Violation Division: Riverside County Department of Env Health

Returned to compliance on 02/14/2017. Diesel fuel, & oil were observed spilled in the secondary containment structure at the time of inspection.

Violation Description:

Business Plan Program - Operations/Maintenance - General

Violations

Violation Date: 12/07/2018
Violation Program: APSA
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Violation Source: CERS
Violation Division: Riverside County Department of Env Health

Violation Description:

Failure to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.

Violations

Violation Date: 09/05/2018
Violation Program: HW
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Notes:

Violation Source: CERS
Violation Division: Riverside County Department of Env Health

Returned to compliance on 12/07/2018. OBSERVATION: Observed one 55 gallon drum containing used oil filters without cover/lid in place. CORRECTIVE ACTION: Owner/operator shall maintain all hazardous waste containers closed when not adding/removing hazardous waste.

Violation Description:

Failure to meet the following container management requirements:
 (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.
 (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violations

Violation Date: 09/05/2018
Violation Program: HW
Citation: HSC 6.5 25250.1; 25250.18; 25250.19(b)(2) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.1; 25250.18; 25250.19(b)(2)
Violation Notes:

Violation Source: CERS
Violation Division: Riverside County Department of Env Health

Returned to compliance on 12/07/2018.

Violation Description:

"Failure to record in an operating log and retain for three years the following information for each shipment of recycled or exempted oil:

1) The name and address of the used oil recycling facility or generator claiming the oil meets the requirements of HSC 6.5 25250.1.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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3. Applicable pollution control laws, rules, and regulations.
4. General facility operations.
5. Contents of the SPCC Plan.

Violations

Violation Date: 09/05/2018
Violation Program: HMRRP
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: Owner/operator has previously submitted a business plan into the statewide information management system which had one or more sections rejected. Specifically, the hazardous materials inventory and site map were rejected for not meeting minimum standards. CORRECTIVE ACTION: Owner/operator shall review the rejection comments attached to the previously submitted business plan, make required corrections, and resubmit corrected sections into the statewide information management system at <http://cers.calepa.ca.gov>.

Violation Description:

Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 09/05/2018
Violation Program: HW
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: Observed two 55 gallon drums in a trailer and one 55 gallon drum in the car soap area without an accumulation start date or label. CORRECTIVE ACTION: Owner/operator shall ensure all hazardous wastes are transported off site within 180 days of reaching 100kg/27gal/220lbs. Owner/operator shall have three 55 gallon drums containing unknown hazardous waste properly hauled off site by a registered hazardous waste transporter.

Violation Description:

- Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met:
- (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms.
 - (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f).
 - (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

Violations

Violation Date: 09/05/2018
Violation Program: HW
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: No manifests available during inspection for used filters and only one consolidated manifest in November of 2017 for the used oil. CORRECTIVE ACTION: Owner/operator shall obtain all manifests for hazardous waste shipments which occurred in the past 3 years. Manifests shall be made available for inspection.

Violation Description:

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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violations

Violation Date:	09/05/2018	Violation Source:	CERS
Violation Program:	HW	Violation Division:	Riverside County Department of Env Health
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11		
Violation Notes:			

Returned to compliance on 12/07/2018. OBSERVATION: Observed that spent absorbent and oily latex gloves are being disposed of without a proper determination that the waste stream is eligible for disposal as non-hazardous waste. CORRECTIVE ACTION: Owner/operator shall conduct a proper waste analysis to determine if the used absorbent and used oily gloves are eligible for disposal as non-hazardous waste. Retain records of waste analysis for at least 3 years.

Violation Description:

Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.

Violations

Violation Date:	09/05/2018	Violation Source:	CERS
Violation Program:	HMRRP	Violation Division:	Riverside County Department of Env Health
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)		
Violation Notes:			

Returned to compliance on 12/07/2018. OBSERVATION: The most recent business plan submission in the statewide information management system (CERS) failed to contain a chemical inventory description page for Diesel, Propane, car wash soap, and Polymer Part A (220 gallons stored near car wash area under patio cover. CORRECTIVE ACTION: Owner/operator shall complete a chemical inventory page for all reportable hazardous materials on site and submit to the statewide information management system at <http://cers.calepa.ca.gov>. | OBSERVATION: The chemical inventory description page submitted for all hazardous materials listed have obsolete federal hazard categories, incorrect storage pressure for compressed gases, and the largest container size needs to be added to each material listed. CORRECTIVE ACTION: Owner/operator shall update the chemical inventory page for all of the hazardous materials listed and add any hazardous material that is stored at this facility that is within reportable quantities and [Truncated]

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date:	12/07/2018	Violation Source:	CERS
Violation Program:	APSA	Violation Division:	Riverside County Department of Env Health
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)		
Violation Notes:			

Violation Description:

Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.

Violations

Violation Date:	09/05/2018	Violation Source:	CERS
Violation Program:	APSA	Violation Division:	Riverside County Department of Env Health
Citation:	HSC 6.67 25270.6(a)(1), 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(1), 25270.6(a)(2)		
Violation Notes:			

Violation Description:

Failure to submit a tank facility statement on or before January 1 annually unless a current Business Plan has been submitted.

Violations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Date:	05/24/2016				Violation Source:	CERS
Violation Program:	HMRPP				Violation Division:	Riverside County Department of Env Health
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2					
Violation Notes:						

Returned to compliance on 02/14/2017.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violations

Violation Date:	09/05/2018				Violation Source:	CERS
Violation Program:	HW				Violation Division:	Riverside County Department of Env Health
Citation:	22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7					
Violation Notes:						

Returned to compliance on 12/07/2018. OBSERVATION: Observed at least six 55 gallon drums in the yard and two plastic drums which were empty and not labeled properly. Also observed several tanks in the yard that used to contain oil or fuel that shall be marked empty. CORRECTIVE ACTION: Owner/operator shall properly label all empty containers larger than 5 gallons with the dates they were emptied.

Violation Description:

Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following:

- (e)(2) By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or
- (3) By reconditioning or re-manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or
- (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or
- (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled.
- (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violations

Violation Date:	12/07/2018				Violation Source:	CERS
Violation Program:	APSA				Violation Division:	Riverside County Department of Env Health
Citation:	HSC 6.67 25270.6(a)(1), 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(1), 25270.6(a)(2)					
Violation Notes:						

Violation Description:

Failure to submit a tank facility statement on or before January 1 annually unless a current Business Plan has been submitted.

Violations

Violation Date:	09/05/2018				Violation Source:	CERS
Violation Program:	HMRPP				Violation Division:	Riverside County Department of Env Health
Citation:	Un-Specified					
Violation Notes:						

Returned to compliance on 09/05/2018. OBSERVATION: No emergency contact posting was observed. CORRECTIVE ACTION: Owner/operator shall post emergency contact information in a conspicuous location.

Violation Description:

Business Plan Program - Administration/Documentation - General Local Ordinance

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Violations

Violation Date: 09/05/2018 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Riverside County Department of Env Health
Citation: 40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: Observed the presence of multiple hazardous waste violations at this facility. The presence of multiple violations indicates that inspections of the hazardous waste areas are not being conducted. CORRECTIVE ACTION: Owner/operator shall conduct weekly inspections of all hazardous waste storage areas.

Violation Description:

Failure to inspect hazardous waste tanks for the following, when present:
4) The construction materials of the tank at least weekly to detect corrosion or leaking of fixtures or seams.
5) The construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes) at least weekly to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation).

Violations

Violation Date: 09/05/2018 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Riverside County Department of Env Health
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: Observed used absorbent on the ground in the secondary containment for the diesel and on the ground in the shop, waste oil tank lid was open (corrected on site), and 5 five gallon buckets without lids containing sludge from the clarifier. CORRECTIVE ACTION: Owner/operator shall place used absorbent in a labeled drum immediately after cleaning up a spill and maintain secondary containment clean and free of debris, sludge from clarifier needs to be stored closed in a labeled hazardous materials drum, and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation (photos) explaining how this waste was managed to this department.

Violation Description:

Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.

Violations

Violation Date: 09/05/2018 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Riverside County Department of Env Health
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: Site map submitted in CERS was missing the location of the hazardous materials. CORRECTIVE ACTION: Owner/operator shall complete an annotated site map which includes all elements outlines in CA Health and Safety Code and submit into the statewide information management system at <http://cers.calepa.ca.gov>.

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Violations

Violation Date: 09/05/2018 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Riverside County Department of Env Health
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: Observed a 55 gallon drum of used filters that was missing a proper label. CORRECTIVE ACTION: Owner/operator shall label hazardous waste containers with all the required information. Label shall include at least: the words ""hazardous

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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waste", generator name and address, accumulation start date, composition and physical state of waste, and hazardous property statement. Submit photos to this department, if applicable.

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 09/05/2018
Violation Program: HMRRP
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Source: CERS
Violation Division: Riverside County Department of Env Health
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: No training records observed/provided during inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees. Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training. The training manual was available during inspection but the dated signatures of all the personnel who received the training for the last 3 years was not available at the time of inspection.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violations

Violation Date: 09/05/2018
Violation Program: HMRRP
Citation: Un-Specified
Violation Source: CERS
Violation Division: Riverside County Department of Env Health
Violation Notes:

Returned to compliance on 12/07/2018. OBSERVATION: Observed a faded NFPA-704 sign located at the Diesel tank fueling area. CORRECTIVE ACTION: Owner/operator shall replace all faded or otherwise unrecognizable NFPA-704 signs. Submit photos to this department. OBSERVATION: Required NFPA-704 signs were not posted. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and post proper NFPA-704 signs. Signs shall be posted on the outside of the patio area where the car wash soaps and Polymer Part A are located and on the trailer containing the unmarked 55 gallon drums. Submit photos to this department.

Violation Description:

Business Plan Program - Operations/Maintenance - General Local Ordinance

Violations

Violation Date: 09/05/2018
Violation Program: APSA
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Source: CERS
Violation Division: Riverside County Department of Env Health
Violation Notes:

Violation Description:

- Failure to comply with one or more of the following requirements:
1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector.
 2. Keep written procedures and records of inspections and integrity tests for at least three years.
 3. Keep comparison records.

Violations

Violation Date: 12/07/2018
Violation Program: APSA
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Source: CERS
Violation Division: Riverside County Department of Env Health
Violation Notes:

Violation Description:

Failure to provide the following training to all oil-handling personnel:

1. Operation and maintenance of equipment to prevent discharges.
2. Discharge procedure protocols.
3. Applicable pollution control laws, rules, and regulations.
4. General facility operations.
5. Contents of the SPCC Plan.

Violations

Violation Date: 09/05/2018
Violation Program: APSA
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67 , Section(s) 25270.4.5 (a)
Violation Notes:

Violation Source: CERS
Violation Division: Riverside County Department of Env Health

Violation Description:

Failure to have management or a professional engineer certify the SPCC Plan and comply with certification requirements at a qualified facility.

Violations

Violation Date: 05/24/2016
Violation Program: HMRRP
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Notes:

Violation Source: CERS
Violation Division: Riverside County Department of Env Health

Returned to compliance on 02/14/2017. Diesel fuel tank was observed without proper labeling at the time of inspection.

Violation Description:

Business Plan Program - Operations/Maintenance - General

Violations

Violation Date: 09/05/2018
Violation Program: HW
Citation: 40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Notes:

Violation Source: CERS
Violation Division: Riverside County Department of Env Health

Returned to compliance on 12/07/2018. OBSERVATION: Observed fire extinguishers not properly maintained. The fire extinguishers were over due for maintenance. CORRECTIVE ACTION: Owner/operator shall properly test and maintain all emergency equipment. Fire extinguishers shall be maintained annually.

Violation Description:

Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.

Violations

Violation Date: 05/24/2016
Violation Program: HMRRP
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Violation Source: CERS
Violation Division: Riverside County Department of Env Health

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Returned to compliance on 02/14/2017.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violations

Violation Date:	09/05/2018	Violation Source:	CERS
Violation Program:	HMRRP	Violation Division:	Riverside County Department of Env Health
Citation:	Un-Specified		
Violation Notes:			

Returned to compliance on 12/07/2018. OBSERVATION: Observed two 55 gallon oil drums that were missing a bung cap and 80W140 oil with liquid on top of the drum. CORRECTIVE ACTION: Owner/operator shall store all hazardous materials in a manner which will prevent unauthorized fire, explosion, or release. All hazardous materials shall be stored closed and containers containing hazardous matters shall be stored dry and clean.

Violation Description:

Business Plan Program - Operations/Maintenance - General Local Ordinance

Evaluations

Eval Date:	12/07/2018
Violations Found:	No
Eval General Type:	Other/Unknown
Eval Type:	Other, not routine, done by local agency
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval Notes:	

Eval Date:	12/07/2018
Violations Found:	No
Eval General Type:	Other/Unknown
Eval Type:	Other, not routine, done by local agency
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval Notes:	

Eval Date:	05/24/2016
Violations Found:	Yes
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval Notes:	

Eval Date:	09/05/2018
Violations Found:	Yes
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval Notes:	

Eval Date:	02/14/2017
Violations Found:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Eval General Type:		Other/Unknown				
Eval Type:		Other, not routine, done by local agency				
Eval Division:		Riverside County Department of Env Health				
Eval Program:		HW				
Eval Source:		CERS				
Eval Notes:						
Eval Date:		09/05/2018				
Violations Found:		Yes				
Eval General Type:		Compliance Evaluation Inspection				
Eval Type:		Routine done by local agency				
Eval Division:		Riverside County Department of Env Health				
Eval Program:		APSA				
Eval Source:		CERS				
Eval Notes:						
Eval Date:		02/14/2017				
Violations Found:		No				
Eval General Type:		Other/Unknown				
Eval Type:		Other, not routine, done by local agency				
Eval Division:		Riverside County Department of Env Health				
Eval Program:		HMRRP				
Eval Source:		CERS				
Eval Notes:						
Eval Date:		12/07/2018				
Violations Found:		Yes				
Eval General Type:		Other/Unknown				
Eval Type:		Other, not routine, done by local agency				
Eval Division:		Riverside County Department of Env Health				
Eval Program:		APSA				
Eval Source:		CERS				
Eval Notes:						
Eval Date:		05/24/2016				
Violations Found:		Yes				
Eval General Type:		Compliance Evaluation Inspection				
Eval Type:		Routine done by local agency				
Eval Division:		Riverside County Department of Env Health				
Eval Program:		HW				
Eval Source:		CERS				
Eval Notes:						
Eval Date:		09/05/2018				
Violations Found:		Yes				
Eval General Type:		Compliance Evaluation Inspection				
Eval Type:		Routine done by local agency				
Eval Division:		Riverside County Department of Env Health				
Eval Program:		HMRRP				
Eval Source:		CERS				
Eval Notes:						
<u>Affiliations</u>						
Affil Type Desc:		Identification Signer				
Entity Name:		Susan Hott				
Entity Title:		Vice-President				
Address:						
City:						
State:						
Country:						
Zip Code:						
Phone:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Affil Type Desc:		Operator				
Entity Name:		Juan Renteria				
Entity Title:						
Address:						
City:						
State:						
Country:						
Zip Code:						
Phone:		(951) 940-5090				
Affil Type Desc:		Environmental Contact				
Entity Name:		Juan P. Renteria				
Entity Title:						
Address:		1530 Nandina Avenue				
City:		Perris				
State:		CA				
Country:						
Zip Code:		92571				
Phone:						
Affil Type Desc:		Facility Mailing Address				
Entity Name:		Mailing Address				
Entity Title:						
Address:		1530 Nandina Ave				
City:		Perris				
State:		CA				
Country:						
Zip Code:		92571				
Phone:						
Affil Type Desc:		Legal Owner				
Entity Name:		Juan P Renteria				
Entity Title:						
Address:		1530 Nandina Ave				
City:		Perris				
State:		CA				
Country:		United States				
Zip Code:		92571				
Phone:		(909) 789-1331				
Affil Type Desc:		CUPA District				
Entity Name:		Riverside Cnty Env Health				
Entity Title:						
Address:		4065 County Circle Drive, Room 104				
City:		Riverside				
State:		CA				
Country:						
Zip Code:		92503				
Phone:		(951) 358-5055				
Affil Type Desc:		Parent Corporation				
Entity Name:		J R Pipeline Co Inc				
Entity Title:						
Address:						
City:						
State:						
Country:						
Zip Code:						
Phone:						
Affil Type Desc:		Document Preparer				
Entity Name:		Susan Hott				
Entity Title:						
Address:						
City:						
State:						
Country:						
Zip Code:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Phone:

Coordinates

Env Int Type Code:	HWG	Longitude:	-117.260230
Program ID:	10316086	Coord Name:	
Latitude:	33.866820	Ref Point Type Desc:	Center of a facility or station.

<u>4</u>	2 of 4	S	0.07 / 372.93	1,515.37 / -1	J R Pipeline Co Inc 1530 Nandina Ave Perris CA 92571	RIVERSIDE HWG
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<u>4</u>	3 of 4	S	0.07 / 372.93	1,515.37 / -1	J R Pipeline Co Inc 1530 Nandina Ave Perris CA 92571	RIVERSIDE HZH
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<u>4</u>	4 of 4	S	0.07 / 372.93	1,515.37 / -1	JR PIPELINE CO INC 1530 NANDINA AVE PERRIS CA 92571-0000	RCRA NON GEN
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EPA Handler ID: CAL000058479
 Gen Status Universe: No Report
 Contact Name: SUSAN HOTT
 Contact Address: 1530 NANDINA AVE , , PERRIS , CA, 92571 ,
 Contact Phone No and Ext: 951-940-5090
 Contact Email: SHOTT@JRPIPELINE.COM
 Contact Country:
 County Name: RIVERSIDE
 EPA Region: 09
 Land Type:
 Receive Date: 19920224

Violation/Evaluation Summary

Note: NO RECORDS: As of Mar 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: Yes
 Transfer Facility: No
 Onsite Burner Exemption: No
 Furnace Exemption: No
 Underground Injection Activity: No
 Commercial TSD: No
 Used Oil Transporter: No
 Used Oil Transfer Facility: No
 Used Oil Processor: No
 Used Oil Refiner: No
 Used Oil Burner: No
 Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Receive Date: 19920224
Handler Name: JR PIPELINE CO INC
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	1530 NANDINA AVE
Name:	SUSAN HOTT	Street 2:	
Date Became Current:		City:	PERRIS
Date Ended Current:		State:	CA
Phone:	951-940-5090	Country:	
Source Type:	Implementer	Zip Code:	92571

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	1530 NANDINA AVE
Name:	JR PIPELINE CO INC	Street 2:	
Date Became Current:		City:	PERRIS
Date Ended Current:		State:	CA
Phone:	951-940-5090	Country:	
Source Type:	Implementer	Zip Code:	92571-0000

<u>5</u>	1 of 1	SSE	0.07 / 384.70	1,512.43 / -4	AXXIS CORPORATION 1535 NANDINA AVE PERRIS CA 92571	RCRA NON GEN
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EPA Handler ID: CAL000389406
Gen Status Universe: No Report
Contact Name: JONATHAN FUERTE
Contact Address: 1535 NANDINA AVE , , PERRIS , CA, 92571 ,
Contact Phone No and Ext: 951-436-9925
Contact Email: JFUERTE@AXXISCORP.US
Contact Country:
County Name: RIVERSIDE
EPA Region: 09
Land Type:
Receive Date: 20130913

Violation/Evaluation Summary

Note: NO RECORDS: As of Mar 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: Yes
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No: 1
Receive Date: 20130913
Handler Name: AXXIS CORPORATION
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	1535 NANDINA AVE
Name:	JONATHAN FUERTE	Street 2:	
Date Became Current:		City:	PERRIS
Date Ended Current:		State:	CA
Phone:	951-436-9925	Country:	
Source Type:	Implementer	Zip Code:	92571

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	1535 NANDINA AVE
Name:	AXXIS CORPORATION	Street 2:	
Date Became Current:		City:	PERRIS
Date Ended Current:		State:	CA
Phone:	951-436-9915	Country:	
Source Type:	Implementer	Zip Code:	92571-7010

<u>6</u>	1 of 1	S	0.07 / 389.12	1,514.53 / -2	NANDINA LIQUOR 1569 NANDINA AVE PERRIS CA	RIVERSIDE LOP
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Site ID: 93025
Status Code: 9
Status Desc: CLOSED/ACTION COMPLETED
Case Type Code: A
Case Type Desc: AN AQUIFER USED FOR DRINKING WATER SUPPLY HAS BEEN CONTAMINATED
Closed Code: R
Closed Desc: Case referred to RWQCB or oversight
Employee: Shurlow-LOP

<u>7</u>	1 of 3	SSE	0.08 / 402.74	1,507.92 / -8	Empire Tractor Co 1480 Nandina Ave Perris CA	RIVERSIDE LOP
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Site ID: 9914949
Status Code: 9
Status Desc: CLOSED/ACTION COMPLETED
Case Type Code: S
Case Type Desc: SOIL ONLY IS IMPACTED
Closed Code: Y
Closed Desc: CLOSED SITE
Employee: Boltinghous-LOP

<u>7</u>	2 of 3	SSE	0.08 / 402.74	1,507.92 / -8	PEED EQUIPMENT COMPANY 1480 NANDINA AVE PERRIS CA 92571-7008	RCRA NON GEN
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EPA Handler ID: CAL000359510
Gen Status Universe: No Report
Contact Name: MICHAEL PEED
Contact Address: 1480 NANDINA AVE , , PERRIS , CA, 92571 ,
Contact Phone No and Ext: 951-657-0900
Contact Email: CPEED@PEEDEQUIP.COM
Contact Country:
County Name: RIVERSIDE
EPA Region: 09
Land Type:
Receive Date: 20101217

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Note: NO RECORDS: As of Mar 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: Yes
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20101217
Handler Name: PEED EQUIPMENT COMPANY
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Other	Street 1: 1480 NANDINA AVE
Name: PEED EQUIPMENT COMPANY	Street 2:
Date Became Current:	City: PERRIS
Date Ended Current:	State: CA
Phone: 951-657-0900	Country:
Source Type: Implementer	Zip Code: 92571-7008

Owner/Operator Ind: Current Operator	Street No:
Type: Other	Street 1: 1480 NANDINA AVE
Name: MICHAEL PEED	Street 2:
Date Became Current:	City: PERRIS
Date Ended Current:	State: CA
Phone: 951-657-0900	Country:
Source Type: Implementer	Zip Code: 92571

<u>7</u>	3 of 3	SSE	0.08 / 402.74	1,507.92 / -8	EMPIRE TRACTOR CO 1480 NANDINA AVE PERRIS CA 92571	RCRA SQG
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EPA Handler ID: CA0000137596
Gen Status Universe: Small Quantity Generator
Contact Name: BILL HUINKER
Contact Address: 1480 NANDINA AVE , , PERRIS , CA, 92571 , US
Contact Phone No and Ext: 909-943-2921
Contact Email:
Contact Country: US
County Name: RIVERSIDE
EPA Region: 09
Land Type: Private
Receive Date: 19940211

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation/Evaluation Summary

Note: NO RECORDS: As of Mar 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19940211
Handler Name: EMPIRE TRACTOR CO
Generator Status Universe: Small Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: 1480 NANDINA AVE
Name: EMPIRE TRACTOR CO	Street 2:
Date Became Current:	City: PERRIS
Date Ended Current:	State: CA
Phone: 909-943-2921	Country:
Source Type: Notification	Zip Code: 92571

<u>8</u>	1 of 1	S	0.09 / 481.59	1,516.61 / 0	NANDINA LIQUOR 1569 NANDINA AVE PERRIS CA 92571	LUST
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Global ID: T0606500307	County: RIVERSIDE
Status: COMPLETED - CASE CLOSED	Latitude: 33.8659398114501
Status Date: 2018-03-19 00:00:00	Longitude: -117.260492552057
Case Type: LUST CLEANUP SITE	
Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case Number: 083302212T	Potential COC: Diesel
Local Case Number: 93025	How Discovered: Tank Closure
Begin Date: 1992-12-21 00:00:00	Stop Method: Close and Remove Tank
Lead Agency: SANTA ANA RWQCB (REGION 8)	Stop Description:
Local Agency:	Case Worker: CAB
CUF Case: YES	File Location: Local Agency
Potential Media of Concern: Aquifer used for drinking water supply	
How Discovered Description:	
Calwater Watershed Name: San Jacinto Valley - Perris - Perris Valley (802.11)	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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DWR GW Subbasin Name: San Jacinto (8-005)
Disadvantaged Community:
Site History:

Data prior to 2005 does not appear in GeoTracker. Consult agency file for all site data In December, 1992, one 4000 gallon UST was removed from the site. Elevated hydrocarbon levels were detected in the soil. One additional 600 gallon UST was removed January 11, 1993. In July, 1994, hand augured soil samples were taken beneath the 600 gallon UST. Contamination increased with depth. Deeper augur samples, to 21 feet, were taken in November, 1994. TPHg increased from 100 ppm at 5' to 480 ppm at 8' to 820 ppm at 21'. In September 1998, five underground storage tanks (USTs) were removed from the Site. Four of the five tanks contained gasoline and diesel fuel. The fifth tank was for storage of used oil. Confirmation soil samples collected following removal of the USTs revealed that discharges of petroleum hydrocarbons had occurred to subsurface soils. Neither product piping nor dispenser islands were removed during UST closure activities. The UST excavations were backfilled with the excavated soils. In February 1999, six exploratory soil borings were drilled and sampled in the vicinity of the former five USTs. Groundwater was encountered at 29'. In October 1999, three groundwater wells, MW-1, MW-2 and MW-3, were installed in the area of the former gasoline and diesel fuel USTs. The remaining product piping, former dispenser islands, and dispenser canopy were removed in May 2001. In May 2001 ten additional exploratory borings were drilled and sampled. The northern end of the center dispenser island detected contaminants which increased with depth. In October and November 2002, further assessment was conducted at the Site. Five 2-inch diameter groundwater monitoring wells were installed on the Site. Significant soil contamination was not encountered within any of the five boreholes. Free product was encountered in MW-2 in December 2003. MW-2 was hand bailed on March 1, 2004, March 9, 2004, and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events. In March 2004, three additional groundwater wells were installed. Significant soil contamination was not encountered within any of the three boreholes. A Dual-Phase Extraction pilot test was conducted during an approximately 80-hour event from November 15-November 19, 2004. A discharge permit was obtained from the Regional Water Quality Control Board (RWQCB) Santa Ana Region to discharge the treated groundwater to an underground trench. On May 10-12, 2006 a second pilot test was completed. On June 9, 2008 the groundwater pump and treat (GPT) and soil vapor extraction (SVE) systems were activated for preliminary testing purposes only. The systems were operated intermittently and necessary adjustments were made over a period of approximately six weeks. On July 23, 2008 the GPT and SVE systems became fully operational. The system operated until October 1, 2008 when it was shut down due to lack of funds. The SVE system was restarted April 11, 2011 and limited testing using dual-phase extraction was completed May 5 and 20, 2011. On April 11, 2011, a dual-phase extraction system was started and continued through the second quarter 2011. A total of 399 lbs of TPHg were recovered. Third and fourth events were conducted in July through December 2011. A total of 512 lbs of TPHg and 138757 gallon of groundwater were removed during the third event and 33 lbs of TPHg and 25256 gallon of groundwater were removed during the fourth event. Seven soil borings were advanced to 35.5 feet on January 23 and 24, 2012 and were converted to one monitoring well (MW13) and 6 dual-phase extraction wells (DPE1 through DPE6). The newly installed DPE wells (DPE-1 through DPE-6) were added to the DPE system. Up to 19700 ppmV TPHg was detected in the vapors in DPE4. Up to 14.4 ppmV benzene was detected in the vapors from DPE3. The DPE system was shut down due to Fund budgeting in April 2012. 285716 gallons of groundwater had been removed, treated and discharged. 1503 lbs of TPHg were recovered. The DPE system was restarted in July 2012. Influent TPHg vapors showed up to 262 ppmV. The system was operated until November 2012 when the DPE system was shut down for rebounding. Influent TPHg at shutdown was 103 ppmV, benzene was 0.4 ppmV, toluene was 3.56 ppmV, ethylbenzene was 1.33 ppmV and xylenes were 13.1 ppmV. A total of 8 dual-phase extraction treatment events had been conducted. 1855 lbs of hydrocarbons and 357916 gallons of groundwater have been removed during the 8 events. Rebound testing was completed in January and February 2016. The groundwater monitoring wells have been sampled quarterly since October 2001 until September 2008 when sampling was discontinued due to lack of Funds. Sampling was restarted November 2009. Up to 75,000 ppb TPHd, 3,200,000 ppb TPHg, 1,300,000 ppb benzene, 3,900,000 ppb toluene, 850,000 ppb ethylbenzene, 5,900,000 ppb xylenes, 6,500 ppb MTBE, 48000 ppb Naphthalene, and 2300 ppb TAME was detected in all wells. Free product was encountered in MW-2 in December 2003. Up to 0.32' of free product was detected in MW-2 and 0.02' in MW-1. MW-2 was hand bailed on March 1, 2004, March 9, 2004, and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events.

Regulatory Activity

Action Type:	ENFORCEMENT
Date :	2018-03-19 00:00:00
Action:	Closure/No Further Action Letter
Action Type:	RESPONSE
Date :	2018-02-26 00:00:00
Action:	Well Destruction Report
Action Type:	ENFORCEMENT
Date :	2018-01-02 00:00:00
Action:	Staff Letter
Action Type:	ENFORCEMENT
Date :	2017-11-01 00:00:00
Action:	Notification - Public Notice of Case Closure
Action Type:	RESPONSE
Date :	2017-10-15 00:00:00
Action:	Request for Closure - Regulator Responded

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Type:		RESPONSE				
Date :		2017-10-03 00:00:00				
Action:		Monitoring Report - Semi-Annually				
Action Type:		ENFORCEMENT				
Date :		2017-08-15 00:00:00				
Action:		Staff Letter				
Action Type:		ENFORCEMENT				
Date :		2017-08-09 00:00:00				
Action:		Clean Up Fund - Case Closure Review Summary Report (RSR)				
Action Type:		RESPONSE				
Date :		2017-07-30 00:00:00				
Action:		Soil Vapor Intrusion Investigation Workplan - Regulator Responded				
Action Type:		ENFORCEMENT				
Date :		2017-07-19 00:00:00				
Action:		Verbal Communication				
Action Type:		RESPONSE				
Date :		2017-07-05 00:00:00				
Action:		Monitoring Report - Other				
Action Type:		ENFORCEMENT				
Date :		2017-07-01 00:00:00				
Action:		File review - #RCDEH site summary				
Action Type:		ENFORCEMENT				
Date :		2017-07-01 00:00:00				
Action:		Referral to Regional Board - #RCDEH notification letters				
Action Type:		ENFORCEMENT				
Date :		2017-02-09 00:00:00				
Action:		Staff Letter				
Action Type:		ENFORCEMENT				
Date :		2016-08-12 00:00:00				
Action:		File review - #RCDEH uploaded site file 8/12/2016				
Action Type:		ENFORCEMENT				
Date :		2016-05-23 00:00:00				
Action:		Clean Up Fund - Letter to RP				
Action Type:		ENFORCEMENT				
Date :		2016-01-05 00:00:00				
Action:		Site Visit / Inspection / Sampling				
Action Type:		ENFORCEMENT				
Date :		2014-04-25 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		RESPONSE				
Date :		2014-04-22 00:00:00				
Action:		Correspondence				
Action Type:		ENFORCEMENT				
Date :		2014-01-08 00:00:00				
Action:		Clean Up Fund - Case Closure Review Summary Report (RSR)				
Action Type:		RESPONSE				
Date :		2013-12-20 00:00:00				
Action:		Other Report / Document - Regulator Responded				
Action Type:		RESPONSE				
Date :		2013-10-15 00:00:00				
Action:		Monitoring Report - Quarterly				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:					Other Report / Document	
Action Type:					ENFORCEMENT	
Date :					2006-10-11 00:00:00	
Action:					Staff Letter - #101106	
Action Type:					REMEDIATION	
Date :					2004-03-01 00:00:00	
Action:					Free Product Removal	
Action Type:					REMEDIATION	
Date :					2000-12-21 00:00:00	
Action:					Excavation	
Action Type:					Other	
Date :					1993-01-05 00:00:00	
Action:					Leak Reported	
Action Type:					Other	
Date :					1993-01-04 00:00:00	
Action:					Leak Discovery	
Action Type:					Other	
Date :					1992-12-21 00:00:00	
Action:					Leak Stopped	

Regulatory Contacts

Contact Type:	Regional Board Caseworker	Address:	3737 MAIN STREET, SUITE 500
Contact Name:	CARL BERNHARDT	Email:	carl.bernhardt@waterboards.ca.gov
City:	RIVERSIDE	Phone Number:	9517824495
Organization Name:	SANTA ANA RWQCB (REGION 8)		

Status History

Status:	Completed - Case Closed
Status Date:	2018-03-19 00:00:00
Status:	Open - Remediation
Status Date:	2005-06-20 00:00:00
Status:	Open - Verification Monitoring
Status Date:	2005-06-20 00:00:00
Status:	Open - Site Assessment
Status Date:	1999-01-22 00:00:00
Status:	Open - Site Assessment
Status Date:	1993-01-04 00:00:00
Status:	Open - Case Begin Date
Status Date:	1992-12-21 00:00:00
Status:	Open - Remediation
Status Date:	1992-12-21 00:00:00

LUST Cleanup Sites from GeoTracker Search - Regulatory Profile(as of Jan 18, 2019)

Site Facility Name:	NANDINA LIQUOR	Address:	1569 NANDINA AVE
Site Facility Type:	LUST CLEANUP SITE	City:	PERRIS
Cleanup Status:	COMPLETED - CASE CLOSED	Zip:	92571
Project Status:		County:	RIVERSIDE
Potential COC:	DIESEL	CUF Claim:	16584
WDR Place Type:		CUF Priority Assig:	B
WDR File:		CUF Amount Paid:	\$1,295,063

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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WDR Order:
File Location: LOCAL AGENCY
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: http://geotracker.waterboards.ca.gov/profile_report?global_id=T0606500307
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 3/19/2018
Cleanup History Link: http://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0606500307&tabname=regulatoryhistory
Potential Media Of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
User Defined Beneficial Use: GW - MUNICIPAL AND DOMESTIC SUPPLY
DWR GW Sub Basin: San Jacinto (8-005)
Calwater Watershed Name: San Jacinto Valley - Perris - Perris Valley (802.11)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA ANA RWQCB (REGION 8) (LEAD) - CASE #: 083302212T
CASEWORKER: CARL BERNHARDT
RIVERSIDE COUNTY LOP - CASE #: 93025

Site History:

Data prior to 2005 does not appear in GeoTracker. Consult agency file for all site data

In December, 1992, one 4000 gallon UST was removed from the site. Elevated hydrocarbon levels were detected in the soil. One additional 600 gallon UST was removed January 11, 1993.

In July, 1994, hand augured soil samples were taken beneath the 600 gallon UST. Contamination increased with depth. Deeper augur samples, to 21 feet, were taken in November, 1994. TPHg increased from 100 ppm at 5' to 480 ppm at 8' to 820 ppm at 21'.

In September 1998, five underground storage tanks (USTs) were removed from the Site. Four of the five tanks contained gasoline and diesel fuel. The fifth tank was for storage of used oil. Confirmation soil samples collected following removal of the USTs revealed that discharges of petroleum hydrocarbons had occurred to subsurface soils. Neither product piping nor dispenser islands were removed during UST closure activities. The UST excavations were backfilled with the excavated soils.

In February 1999, six exploratory soil borings were drilled and sampled in the vicinity of the former five USTs. Groundwater was encountered at 29'.

In October 1999, three groundwater wells, MW-1, MW-2 and MW-3, were installed in the area of the former gasoline and diesel fuel USTs.

The remaining product piping, former dispenser islands, and dispenser canopy were removed in May 2001.

In May 2001 ten additional exploratory borings were drilled and sampled. The northern end of the center dispenser island detected contaminants which increased with depth.

In October and November 2002, further assessment was conducted at the Site . Five 2-inch diameter groundwater monitoring wells were installed on the Site. Significant soil contamination was not encountered within any of the five boreholes.

Free product was encountered in MW-2 in December 2003. . MW-2 was hand bailed on March 1, 2004, March 9, 2004, and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events.

In March 2004, three additional groundwater wells were installed. Significant soil contamination was not encountered within any of the three boreholes.

A Dual-Phase Extraction pilot test was conducted during an approximately 80-hour event from November 15-November 19, 2004.

A discharge permit was obtained from the Regional Water Quality Control Board (RWQCB) Santa Ana Region to discharge the treated groundwater to an underground trench.

On May 10-12, 2006 a second pilot test was completed.

On June 9, 2008 the groundwater pump and treat (GPT) and soil vapor extraction (SVE) systems were activated for preliminary testing purposes only. The systems were operated intermittently and necessary adjustments were made over a period of approximately six weeks. On July 23, 2008 the GPT and SVE systems became fully operational. The system operated until October 1, 2008 when it was shut down due to lack of funds. . The SVE system was restarted April 11, 2011 and limited testing using dual-phase extraction was completed May 5 and 20, 2011.

On April 11, 2011, a dual-phase extraction system was started and continued through the second quarter 2011. A total of 399 lbs of TPHg were recovered. Third and fourth events were conducted in July through December 2011. A total of 512 lbs of TPHg and 138757 gallon of groundwater were removed during the third event and 33 lbs of TPHg and 25256 gallon of groundwater were removed during the fourth event.

Seven soil borings were advanced to 35.5 feet on January 23 and 24, 2012 and were converted to one monitoring well (MW13) and 6 dual-phase extraction wells (DPE1 through DPE6). . The newly installed DPE wells (DPE-1 through DPE-6) were added to the DPE system. Up to 19700 ppmV TPHg was detected in the vapors in DPE4. Up to 14.4 ppmV benzene was detected in the vapors from DPE3.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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The DPE system was shut down due to Fund budgeting in April 2012. 285716 gallons of groundwater had been removed, treated and discharged. 1503 lbs of TPHg were recovered.

The DPE system was restarted in July 2012. Influent TPHg vapors showed up to 262 ppmV. The system was operated until November 2012 when the DPE system was shut down for rebounding. Influent TPHg at shutdown was 103 ppmV, benzene was 0.4 ppmV, toluene was 3.56 ppmV, ethylbenzene was 1.33 ppmV and xylenes were 13.1 ppmV. A total of 8 dual-phase extraction treatment events had been conducted. 1855 lbs of hydrocarbons and 357916 gallons of groundwater have been removed during the 8 events.

Rebound testing was completed in January and February 2016.

The groundwater monitoring wells have been sampled quarterly since October 2001 until September 2008 when sampling was discontinued due to lack of Funds. Sampling was restarted November 2009. Up to 75,000 ppb TPHd, 3,200,000 ppb TPHg, 1,300,000 ppb benzene, 3,900,000 ppb toluene, 850,000 ppb ethylbenzene, 5,900,000 ppb xylenes, 6,500 ppb MTBE, 48000 ppb Naphthalene, and 2300 ppb TAME was detected in all wells. Free product was encountered in MW-2 in December 2003. Up to 0.32' of free product was detected in MW-2 and 0.02' in MW-1. MW-2 was hand bailed on March 1, 2004, March 9, 2004, and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events.

LUST Cleanup Sites from GeoTracker Search - Cleanup Action Report(as of Jan 18, 2019)

Status: Completed - Case Closed
Date : 3/19/2018

Status: Open - Remediation
Date : 6/20/2005

Status: Open - Verification Monitoring
Date : 6/20/2005

Status: Open - Site Assessment
Date : 1/22/1999

Status: Open - Site Assessment
Date : 1/4/1993

Status: Open - Remediation
Date : 12/21/1992

Status: Open - Case Begin Date
Date : 12/21/1992

LUST Cleanup Sites from GeoTracker Search - Cleanup Action(as of Jan 18, 2019)

Action Type: OTHER (USE DESCRIPTION FIELD) **Begin Date:** 3/31/2011
Phase: Liquid Waste **End Date:** 9/28/2012
Contaminant Mass Removed: 1,717 Pounds
Description: DPE

Action Type: IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE) **Begin Date:** 7/23/2008
Phase: Water **End Date:**
Contaminant Mass Removed: 33 Pounds
Description:

Action Type: FREE PRODUCT REMOVAL **Begin Date:** 3/1/2004
Phase: Liquid Waste **End Date:** 3/12/2004
Contaminant Mass Removed: 0 Gallons
Description:

Action Type: EXCAVATION **Begin Date:** 12/21/2000
Phase: Soil **End Date:** 5/17/1994
Contaminant Mass Removed:
Description:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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LUST Cleanup Sites from GeoTracker Search - Regulatory Activities(as of Jan 18, 2019)

Action Type: Other Regulatory Actions
Action Date: 3/19/2018
Received Issue Date: 3/19/2018
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6351756&template=ENFORCEMENT

Action Type: Response Requested - Reports
Action Date: 2/26/2018
Received Issue Date: 2/26/2018
Action: Well Destruction Report
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5957926

Action Type: Other Regulatory Actions
Action Date: 1/2/2018
Received Issue Date: 1/2/2018
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6345613&template=ENFORCEMENT

Action Type: Notices
Action Date: 11/1/2017
Received Issue Date: 11/1/2017
Action: Notification - Public Notice of Case Closure
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6341614&template=ENFORCEMENT

Action Type: Response Requested - Other
Action Date: 10/15/2017
Received Issue Date: 10/2/2017
Action: Request for Closure - Regulator Responded
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5945778

Action Type: Response Requested - Reports
Action Date: 10/3/2017
Received Issue Date: 10/2/2017
Action: Monitoring Report - Semi-Annually
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5945779

Action Type: Other Regulatory Actions
Action Date: 8/15/2017
Received Issue Date: 8/15/2017
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6335976&template=ENFORCEMENT

Action Type: Response Requested - Reports
Action Date: 8/9/2017
Received Issue Date: 8/9/2017
Action: Clean Up Fund - 5-Year Review Summary
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5965139

Action Type: Response Requested - Workplans
Action Date: 7/30/2017
Received Issue Date: 7/28/2017
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5942909

Action Type: Other Regulatory Actions
Action Date: 7/19/2017
Received Issue Date: 7/19/2017
Action: Verbal Communication
Doc Link:

Action Type: Response Requested - Reports
Action Date: 7/5/2017
Received Issue Date: 7/5/2017

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action: Doc Link:		Monitoring Report - Other			http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5929017	
Action Type: Action Date: Received Issue Date: Action: Doc Link:		Referral to Other Agency				
		7/1/2017				
		7/1/2017				
Action: Doc Link:		Referral to Regional Board - #RCDEH notification letters			http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6325267&template=ENFORCEMENT	
Action Type: Action Date: Received Issue Date: Action: Doc Link:		Other Regulatory Actions				
		7/1/2017				
		7/1/2017				
Action: Doc Link:		File review - #RCDEH site summary			http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6180838&template=ENFORCEMENT	
Action Type: Action Date: Received Issue Date: Action: Doc Link:		Other Regulatory Actions				
		2/9/2017				
		2/9/2017				
Action: Doc Link:		Staff Letter			http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6311451&template=ENFORCEMENT	
Action Type: Action Date: Received Issue Date: Action: Doc Link:		Other Regulatory Actions				
		8/12/2016				
		8/12/2016				
Action: Doc Link:		File review - #RCDEH uploaded site file 8/12/2016			http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6294315&template=ENFORCEMENT	
Action Type: Action Date: Received Issue Date: Action: Doc Link:		Other Regulatory Actions				
		5/23/2016				
		5/23/2016				
Action: Doc Link:		Clean Up Fund - Letter to RP			http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6311448&template=ENFORCEMENT	
Action Type: Action Date: Received Issue Date: Action: Doc Link:		Other Regulatory Actions				
		1/5/2016				
		1/5/2016				
Action: Doc Link:		Site Visit / Inspection / Sampling				
Action Type: Action Date: Received Issue Date: Action: Doc Link:		SWRCB Case Review				
		5/1/2014				
Action: Doc Link:		Closure Denial Review				
Action Type: Action Date: Received Issue Date: Action: Doc Link:		Other Regulatory Actions				
		4/25/2014				
		4/25/2014				
Action: Doc Link:		Technical Correspondence / Assistance / Other				
Action Type: Action Date: Received Issue Date: Action: Doc Link:		Response Requested - Other				
		4/22/2014				
		4/22/2014				
Action: Doc Link:		Correspondence			http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5912569	
Action Type: Action Date: Received Issue Date: Action: Doc Link:		Other Regulatory Actions				
		1/8/2014				
		1/8/2014				
Action: Doc Link:		Clean Up Fund - Case Closure Review Summary Report (RSR)			http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6196281&template=ENFORCEMENT	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Type:		Response Requested - Other				
Action Date:		12/20/2013				
Received Issue Date:		2/9/2017				
Action:		Other Report / Document - Regulator Responded				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5787519				
Action Type:		Response Requested - Reports				
Action Date:		10/15/2013				
Received Issue Date:		11/6/2013				
Action:		Monitoring Report - Quarterly				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5788676				
Action Type:		Response Requested - Workplans				
Action Date:		9/12/2013				
Received Issue Date:		9/12/2013				
Action:		Other Workplan - Regulator Responded				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5787515				
Action Type:		Response Requested - Reports				
Action Date:		7/15/2013				
Received Issue Date:		4/23/2013				
Action:		Monitoring Report - Quarterly				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5770194				
Action Type:		Response Requested - Workplans				
Action Date:		7/2/2013				
Received Issue Date:		7/2/2013				
Action:		Soil and Water Investigation Workplan - Regulator Responded				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5778068				
Action Type:		Response Requested - Other				
Action Date:		4/15/2013				
Received Issue Date:		4/18/2013				
Action:		Request for Closure - Regulator Responded				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5770193				
Action Type:		Response Requested - Other				
Action Date:		4/4/2013				
Received Issue Date:		4/4/2013				
Action:		Request for Closure - Regulator Responded				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5771857				
Action Type:		Response Requested - Reports				
Action Date:		1/15/2013				
Received Issue Date:		1/8/2013				
Action:		Monitoring Report - Quarterly				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5760098				
Action Type:		Response Requested - Workplans				
Action Date:		1/4/2013				
Received Issue Date:		1/4/2013				
Action:		Interim Remedial Action Plan - Regulator Responded				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5772935				
Action Type:		Response Requested - Reports				
Action Date:		10/15/2012				
Received Issue Date:		9/19/2012				
Action:		Monitoring Report - Quarterly				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5752699				
Action Type:		Response Requested - Reports				
Action Date:		4/15/2012				
Received Issue Date:		3/6/2012				
Action:		Monitoring Report - Quarterly				
Doc Link:						
Action Type:		Response Requested - Reports				
Action Date:		4/15/2012				
Received Issue Date:		4/4/2012				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action:					Monitoring Report - Annually	
Doc Link:					http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5734180	
Action Type:					Response Requested - Reports	
Action Date:					2/17/2012	
Received Issue Date:					3/6/2012	
Action:					Well Installation Report	
Doc Link:					http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5726452	
Action Type:					Response Requested - Reports	
Action Date:					2/6/2012	
Received Issue Date:					2/6/2012	
Action:					Clean Up Fund - 5-Year Review Summary	
Doc Link:					http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5735302	
Action Type:					Response Requested - Other	
Action Date:					*1/16/2012	
Received Issue Date:					1/10/2012	
Action:					Other Report / Document	
Doc Link:						
Action Type:					Response Requested - Reports	
Action Date:					1/15/2012	
Received Issue Date:					10/27/2011	
Action:					Monitoring Report - Quarterly	
Doc Link:					http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5724445	
Action Type:					Other Regulatory Actions	
Action Date:					11/30/2011	
Received Issue Date:					11/30/2011	
Action:					Staff Letter - #RCDEH 113011	
Doc Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6105278&template=ENFORCEMENT	
Action Type:					Response Requested - Reports	
Action Date:					10/15/2011	
Received Issue Date:					10/5/2011	
Action:					Monitoring Report - Quarterly	
Doc Link:					http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5722902	
Action Type:					Other Regulatory Actions	
Action Date:					7/19/2011	
Received Issue Date:					7/19/2011	
Action:					Technical Correspondence / Assistance / Other - #RCDEH 071911	
Doc Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6093375&template=ENFORCEMENT	
Action Type:					Response Requested - Reports	
Action Date:					7/15/2011	
Received Issue Date:					6/29/2011	
Action:					Monitoring Report - Quarterly	
Doc Link:					http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5721451	
Action Type:					Other Regulatory Actions	
Action Date:					7/7/2011	
Received Issue Date:					7/7/2011	
Action:					Staff Letter - #RCDEH 070711	
Doc Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6093372&template=ENFORCEMENT	
Action Type:					Response Requested - Reports	
Action Date:					4/15/2011	
Received Issue Date:					5/16/2011	
Action:					Monitoring Report - Quarterly	
Doc Link:						
Action Type:					Response Requested - Reports	
Action Date:					4/15/2011	
Received Issue Date:					6/28/2011	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action: Doc Link:					Monitoring Report - Annually	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Cleanup Action 3/31/2011 Other (Use Description Field)	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Response Requested - Reports 1/15/2011 2/2/2011 Monitoring Report - Quarterly	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Response Requested - Reports 1/15/2010 3/8/2010 Monitoring Report - Quarterly http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606500307&doc_id=5652155	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Response Requested - Reports 10/15/2009 3/8/2010 Monitoring Report - Quarterly	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Other Regulatory Actions 7/31/2009 7/31/2009 Staff Letter - #RCDEH073109 http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6030077&temptable=ENFORCEMENT	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Other Regulatory Actions 10/24/2008 10/24/2008 Technical Correspondence / Assistance / Other	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Other Regulatory Actions 8/19/2008 8/19/2008 File review	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Cleanup Action 7/23/2008 In Situ Physical/Chemical Treatment (other than SVE)	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Other Regulatory Actions 6/3/2008 6/3/2008 File review	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Other Regulatory Actions 2/8/2008 2/8/2008 File review	
Action Type: Action Date: Received Issue Date: Action: Doc Link:					Other Regulatory Actions 11/28/2007 11/28/2007 File review	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Type:			Other Regulatory Actions			
Action Date:			7/31/2007			
Received Issue Date:			7/31/2007			
Action:			File review			
Doc Link:						
Action Type:			Other Regulatory Actions			
Action Date:			6/6/2007			
Received Issue Date:			6/6/2007			
Action:			File review			
Doc Link:						
Action Type:			Response Requested - Other			
Action Date:			11/26/2006			
Received Issue Date:			10/20/2006			
Action:			Other Report / Document			
Doc Link:						
Action Type:			Other Regulatory Actions			
Action Date:			10/11/2006			
Received Issue Date:			10/11/2006			
Action:			Staff Letter - #101106			
Doc Link:						
Action Type:			Cleanup Action			
Action Date:			3/1/2004			
Received Issue Date:						
Action:			Free Product Removal			
Doc Link:						
Action Type:			Cleanup Action			
Action Date:			12/21/2000			
Received Issue Date:						
Action:			Excavation			
Doc Link:						
Action Type:			Leak Action			
Action Date:			1/5/1993			
Received Issue Date:						
Action:			Leak Reported			
Doc Link:						
Action Type:			Leak Action			
Action Date:			1/4/1993			
Received Issue Date:						
Action:			Leak Discovery			
Doc Link:						
Action Type:			Leak Action			
Action Date:			12/21/1992			
Received Issue Date:						
Action:			Leak Stopped			
Doc Link:						
Action Type:			Enforcement - Other			
Action Date:						
Received Issue Date:						
Action:			Unknown			
Doc Link:						

LUST Cleanup Sites from GeoTracker Search - Site Maps(as of Jan 18, 2019)

Title: MW13 - GEO_BORE (MW13)
Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7848372697/T0606500307.PDF
Size : 177 KB
Submitted By: AMI ADINI & ASSOC. (AUTH_RP)
Submitted: 3/27/2012

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:			DPE2 - GEO_BORE (DPE2)			
Link:			http://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3201567888/T0606500307.PDF			
Size :			145 KB			
Submitted By:			AMI ADINI & ASSOC. (AUTH_RP)			
Submitted:			3/27/2012			
Title:			DPE6 - GEO_BORE (DPE6)			
Link:			http://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4594146668/T0606500307.PDF			
Size :			179 KB			
Submitted By:			AMI ADINI & ASSOC. (AUTH_RP)			
Submitted:			3/27/2012			
Title:			DPE4 - GEO_BORE (DPE4)			
Link:			http://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2564198315/T0606500307.PDF			
Size :			176 KB			
Submitted By:			AMI ADINI & ASSOC. (AUTH_RP)			
Submitted:			3/27/2012			
Title:			GEO_MAP			
Link:			http://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5769860804/T0606500307.PDF			
Size :			281 KB			
Submitted By:			AMI ADINI & ASSOC. (AUTH_RP)			
Submitted:			3/27/2012			
Title:			DPE5 - GEO_BORE (DPE5)			
Link:			http://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3098220765/T0606500307.PDF			
Size :			197 KB			
Submitted By:			AMI ADINI & ASSOC. (AUTH_RP)			
Submitted:			3/27/2012			
Title:			DPE3 - GEO_BORE (DPE3)			
Link:			http://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3841141700/T0606500307.PDF			
Size :			148 KB			
Submitted By:			AMI ADINI & ASSOC. (AUTH_RP)			
Submitted:			3/27/2012			
Title:			DPE1 - GEO_BORE (DPE1)			
Link:			http://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8043271660/T0606500307.PDF			
Size :			59 KB			
Submitted By:			AMI ADINI & ASSOC. (AUTH_RP)			
Submitted:			3/7/2012			
Title:			GEO_MAP			
Link:			http://geotracker.waterboards.ca.gov/esi/uploads/geo_map/1515912711/T0606500307.JPG			
Size :			31 KB			
Submitted By:			GEO-CAL INC. (AUTH_RP)			
Submitted:			2/21/2003			

LUST Cleanup Sites from GeoTracker Search - Documents(as of Jan 18, 2019)

Document Type:	Site Documents	Size :	
Document Date:	3/19/2018	Submitted By:	CARL BERNHARDT (REGULATOR)
Type:	CLOSURE/NO FURTHER ACTION LETTER	Submitted:	
Title:	NFA LETTER		
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6351756		
Document Type:	Site Documents	Size :	57,289 KB
Document Date:	2/21/2018	Submitted By:	THE REYNOLDS GROUP - TUSTIN (AUTH_RP)
Type:	REQUEST FOR CLOSURE	Submitted:	
Title:	WELL DESTRUCTION REPORT		
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7216470539/T0606500307.PDF		
Document Type:	Site Documents	Size :	
Document Date:	1/2/2018	Submitted By:	CARL BERNHARDT (REGULATOR)
Type:	STAFF LETTER	Submitted:	
Title:	REQUEST TO ABANDON WELLS BEFORE NFA LETTER		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6345613				
Document Type:	Site Documents			Size :		
Document Date:	11/1/2017			Submitted By:	CARL BERNHARDT (REGULATOR)	
Type:	NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE			Submitted:		
Title:	60-DAY NOTICE REQUEST FOR COMMENTS ON PROPOSED CLOSURE OF REMEDIAL ACTIONS					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6341614					
Document Type:	Site Documents			Size :	10,288 KB	
Document Date:	10/2/2017			Submitted By:	THE REYNOLDS GROUP - TUSTIN (AUTH_RP)	
Type:	REQUEST FOR CLOSURE			Submitted:		
Title:	SOIL VAPOR SAMPLING REPORT AND REQUEST FOR CLOSURE					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3017692267/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	6,893 KB	
Document Date:	10/2/2017			Submitted By:	THE REYNOLDS GROUP - TUSTIN (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	3RD QUARTER 2017 GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3261519014/T0606500307.PDF					
Document Type:	Site Documents			Size :		
Document Date:	8/15/2017			Submitted By:	CARL BERNHARDT (REGULATOR)	
Type:	STAFF LETTER			Submitted:		
Title:	SOIL VAPOR WORKPLAN					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6335976					
Document Type:	Site Documents			Size :		
Document Date:	8/9/2017			Submitted By:	CASEY SATKOWSKI (REGULATOR)	
Type:	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY			Submitted:		
Title:	16584 3RD RSR ADDL WORK AUGUST 2017					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&document_id=5965139					
Document Type:	Site Documents			Size :	5,807 KB	
Document Date:	7/28/2017			Submitted By:	THE REYNOLDS GROUP - TUSTIN (AUTH_RP)	
Type:	SOIL VAPOR INTRUSION INVESTIGATION WORKPLAN			Submitted:		
Title:	WORKPLAN FOR SOIL VAPOR SURVEY					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5360464513/T0606500307.PDF					
Document Type:	Site Documents			Size :		
Document Date:	7/1/2017			Submitted By:	SHARON BOLTINGHOUSE (REGULATOR)	
Type:	FILE REVIEW			Submitted:		
Title:	RCDEH SITE SUMMARY AS OF TRANSFER TO RWQCB ON 7/1/2017					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6180838					
Document Type:	Site Documents			Size :		
Document Date:	7/1/2017			Submitted By:	SHARON BOLTINGHOUSE (REGULATOR)	
Type:	REFERRAL TO REGIONAL BOARD			Submitted:		
Title:	RCDEH TRANSFERRED REGULATORY OVERSIGHT FOR THIS CLEANUP TO THE RWQCB. ALL FUTURE OVERSIGHT WILL BE CONDUCTED BY RWQCB.					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6325267					
Document Type:	Monitoring Reports			Size :	10,534 KB	
Document Date:	6/9/2017			Submitted By:	THE REYNOLDS GROUP - TUSTIN (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	2ND QUARTER 2017 GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5767912447/T0606500307.PDF					
Document Type:	Site Documents			Size :		
Document Date:	2/9/2017			Submitted By:	SHARON BOLTINGHOUSE (REGULATOR)	
Type:	STAFF LETTER			Submitted:		
Title:	RCDEH SENT LETTER RESPONDING TO SVE REBOUND TEST REPORT AND REQUESTING GW MONITORING					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6311451				
Document Type:	Site Documents			Size :		
Document Date:	2/9/2017			Submitted By:	SHARON BOLTINGHOUSE (REGULATOR)	
Type:	OTHER REPORT / DOCUMENT			Submitted:		
Title:	REPORT FOR VAPOR REBOUND TESTING AND VERIFICATION BORINGS DUE 12/20/2013					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&document_id=5787519					
Document Type:	Site Documents			Size :		
Document Date:	8/12/2016			Submitted By:	LINDA SHURLOW (REGULATOR)	
Type:	FILE REVIEW			Submitted:		
Title:	RCDEH UPLOADED SITE FILES 8/12/2016					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6294315					
Document Type:	Site Documents			Size :		
Document Date:	5/23/2016			Submitted By:	SHARON BOLTINGHOUSE (REGULATOR)	
Type:	CLEAN UP FUND - LETTER TO RP			Submitted:		
Title:	ECAP INVITATION					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6311448					
Document Type:	Site Documents			Size :		
Document Date:	4/22/2014			Submitted By:	SHARON BOLTINGHOUSE (REGULATOR)	
Type:	CORRESPONDENCE			Submitted:		
Title:	RP SENT LETTER TO RCDEH STATING THAT HE HAS RETAINED GREENEDGE LLC AS ENVIRONMENTAL CONSULTANT FOR THE SITE.					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&document_id=5912569					
Document Type:	Site Documents			Size :		
Document Date:	1/8/2014			Submitted By:	WALTER BAHM (REGULATOR)	
Type:	CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR)			Submitted:		
Title:	UNKNOWN					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6196281					
Document Type:	Monitoring Reports			Size :	3,810 KB	
Document Date:	10/30/2013			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GW MONITORING 3RDQTR 2013					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6815713107/T0606500307.PDF					
Document Type:	Site Documents			Size :		
Document Date:	9/12/2013			Submitted By:	LINDA SHURLOW (REGULATOR)	
Type:	OTHER WORKPLAN			Submitted:		
Title:	REBOUND TESTING, CONFIRMATION SOIL SAMPLING & POST-REMEDATION GROUNDWATER MONITORING WORK PLAN ADDENDUM - SEPTEMBER 2013 - REGULATOR RESPONSE					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&document_id=5787515					
Document Type:	Site Documents			Size :	2,320 KB	
Document Date:	9/4/2013			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	OTHER WORKPLAN			Submitted:		
Title:	REBOUND TESTING, CONFIRMATION SOIL SAMPLING & POST-REMEDATION GROUNDWATER MONITORING WORK PLAN ADDENDUM - SEPTEMBER 2013					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8948535978/T0606500307.PDF					
Document Type:	Site Documents			Size :		
Document Date:	7/2/2013			Submitted By:	LINDA SHURLOW (REGULATOR)	
Type:	SOIL AND WATER INVESTIGATION WORKPLAN			Submitted:		
Title:	REBOUND TESTING, CONFIRMATION SOIL SAMPLING & POST-REMEDATION GROUNDWATER MONITORING WORK PLAN - JUNE 2013 - REGULATOR RESPONSE					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&document_id=5778068					
Document Type:	Site Documents			Size :	2,673 KB	
Document Date:	6/28/2013			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	SOIL AND WATER INVESTIGATION WORKPLAN			Submitted:		
Title:	REBOUND TESTING, CONFIRMATION SOIL SAMPLING & POST-REMEDATION GROUNDWATER MONITORING WORK PLAN - JUNE 2013					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7415435731/T0606500307.PDF					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Type:	Monitoring Reports			Size :	4,384 KB	
Document Date:	4/18/2013			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - SEMI-ANNUALLY			Submitted:		
Title:	GW MONITORING 2NDQTR 2013					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4765197038/T0606500307.PDF					
Document Type:	Site Documents			Size :		
Document Date:	4/18/2013			Submitted By:	LINDA SHURLOW (REGULATOR)	
Type:	REQUEST FOR CLOSURE			Submitted:		
Title:	7/31/2009 LETTER REQUESTS ANNUAL MONITORING REPORT. REPORT SUBMITTED AND INCLUDES REQUEST FOR CLOSURE, SO RESPONSE TYPE HAS BEEN CHANGED TO REQUEST FOR CLOSURE INSTEAD OF ANNUAL MONITORING REPORT. - REGULATOR RESPONSE					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&document_id=5770193					
Document Type:	Site Documents			Size :	7,899 KB	
Document Date:	4/15/2013			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	REQUEST FOR CLOSURE			Submitted:		
Title:	ANNUAL CLEANUP EVALUATION REPORT - APRIL 2013					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2134128630/T0606500307.PDF					
Document Type:	Site Documents			Size :		
Document Date:	4/4/2013			Submitted By:	LINDA SHURLOW (REGULATOR)	
Type:	REQUEST FOR CLOSURE			Submitted:		
Title:	REMEDIATION SYSTEM PERFORMANCE REPORT - FOURTH QUARTER 2012 - REGULATOR RESPONSE					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&document_id=5771857					
Document Type:	Site Documents			Size :	5,802 KB	
Document Date:	3/28/2013			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	REQUEST FOR CLOSURE			Submitted:		
Title:	REMEDIATION SYSTEM PERFORMANCE REPORT - FOURTH QUARTER 2012					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2728345751/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	3,782 KB	
Document Date:	12/28/2012			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GW MONITORING 4THQTR 2012					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5167328834/T0606500307.PDF					
Document Type:	Site Documents			Size :	1,538 KB	
Document Date:	12/17/2012			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	INTERIM REMEDIAL ACTION PLAN			Submitted:		
Title:	INTERIM REMEDIAL ACTION PLAN 2012					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5533280849/T0606500307.PDF					
Document Type:	Site Documents			Size :	5,898 KB	
Document Date:	10/26/2012			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	REMEDIAL PROGRESS REPORT			Submitted:		
Title:	REMEDIATION SYSTEM PERFORMANCE REPORT - SECOND & THIRD QUARTER 2012					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3919263720/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	3,857 KB	
Document Date:	9/14/2012			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GW MONITORING 3RDQTR 2012					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1872634172/T0606500307.PDF					
Document Type:	Site Documents			Size :	4,668 KB	
Document Date:	4/20/2012			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	REMEDIAL PROGRESS REPORT			Submitted:		
Title:	REMEDIATION SYSTEM PERFORMANCE REPORT - FIRST QUARTER 2012					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4292936205/T0606500307.PDF					
Document Type:	Site Documents			Size :	7,423 KB	
Document Date:	3/8/2012			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	STATUS / PROGRESS REPORTS			Submitted:		
Title:	ANNUAL CLEANUP EVALUATION REPORT - MARCH 2012					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9562901318/T0606500307.PDF					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Type:	Monitoring Reports			Size :	5,288 KB	
Document Date:	2/28/2012			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GW MONITORING 1STQTR 2012					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3997090160/T0606500307.PDF					
Document Type:	Site Documents			Size :	3,343 KB	
Document Date:	2/27/2012			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	SOIL AND WATER INVESTIGATION REPORT			Submitted:		
Title:	EXTENDED SOIL AND GROUNDWATER INVESTIGATION AND DUAL-PHASE EXTRACTION WELL INSTALLATION REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8045056939/T0606500307.PDF					
Document Type:	Site Documents			Size :	3,784 KB	
Document Date:	2/21/2012			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	INTERIM REMEDIAL ACTION REPORT			Submitted:		
Title:	REMEDICATION SYSTEM PERFORMANCE REPORT - FOURTH QUARTER 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9214551568/T0606500307.PDF					
Document Type:	Site Documents			Size :		
Document Date:	2/6/2012			Submitted By:	KIRK T. LARSON (REGULATOR)	
Type:	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY			Submitted:		
Title:	FIVE YEAR REVIEW, 2012					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&document_id=5735302					
Document Type:	Site Documents			Size :		
Document Date:	11/30/2011			Submitted By:	LINDA SHURLOW (REGULATOR)	
Type:	STAFF LETTER			Submitted:		
Title:	DIRECTIVE					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6105278					
Document Type:	Site Documents			Size :	923 KB	
Document Date:	11/9/2011			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	WELL INSTALLATION WORKPLAN			Submitted:		
Title:	DUAL-PHASE EXTRACTION WELL AND GROUNDWATER MONITORING WELL INSTALLATION WORK PLAN - NOVEMBER 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2295777320/T0606500307.PDF					
Document Type:	Site Documents			Size :	4,478 KB	
Document Date:	10/24/2011			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	INTERIM REMEDIAL ACTION REPORT			Submitted:		
Title:	REMEDICATION SYSTEM PERFORMANCE REPORT - THIRD QUARTER 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2875111401/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	3,456 KB	
Document Date:	10/21/2011			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GW MONITORING REPORT 4THQTR 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6609863221/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	2,759 KB	
Document Date:	9/30/2011			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GW MONITORING REPORT 3RDQTR 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6842437028/T0606500307.PDF					
Document Type:	Site Documents			Size :	3,336 KB	
Document Date:	8/24/2011			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	INTERIM REMEDIAL ACTION REPORT			Submitted:		
Title:	REMEDICATION SYSTEM PERFORMANCE REPORT SECOND QUARTER 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1136033058/T0606500307.PDF					
Document Type:	Site Documents			Size :		
Document Date:	7/19/2011			Submitted By:	LINDA SHURLOW (REGULATOR)	
Type:	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER			Submitted:		
Title:	DIRECTIVE					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6093375					
Document Type:	Site Documents				Size :	
Document Date:	7/7/2011				Submitted By:	LINDA SHURLOW (REGULATOR)
Type:	STAFF LETTER				Submitted:	
Title:	DIRECTIVE					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6093372					
Document Type:	Monitoring Reports				Size :	3,170 KB
Document Date:	6/20/2011				Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)
Type:	MONITORING REPORT - QUARTERLY				Submitted:	
Title:	GW MONITORING REPORT 2NDQTR 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2719983696/T0606500307.PDF					
Document Type:	Site Documents				Size :	7,645 KB
Document Date:	6/15/2011				Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)
Type:	OTHER REPORT / DOCUMENT				Submitted:	
Title:	ANNUAL CLEANUP EVALUATION REPORT - JUNE 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5865372657/T0606500307.PDF					
Document Type:	Site Documents				Size :	3,766 KB
Document Date:	6/9/2011				Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)
Type:	REMEDIAL PROGRESS REPORT				Submitted:	
Title:	REMEDICATION SYSTEM PERFORMANCE REPORT - 1ST 30-DAY PERIOD - JUNE 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4723973095/T0606500307.PDF					
Document Type:	Monitoring Reports				Size :	3,124 KB
Document Date:	4/22/2011				Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)
Type:	MONITORING REPORT - QUARTERLY				Submitted:	
Title:	GW MONITORING REPORT 1STQTR 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9905974626/T0606500307.PDF					
Document Type:	Site Documents				Size :	90 KB
Document Date:	4/5/2011				Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)
Type:	CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN - ADDENDUM				Submitted:	
Title:	ADDENDUM TO REMEDIAL ACTION PLAN - APRIL 2011					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8611210644/T0606500307.PDF					
Document Type:	Monitoring Reports				Size :	3,325 KB
Document Date:	1/15/2011				Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)
Type:	MONITORING REPORT - QUARTERLY				Submitted:	
Title:	GW MONITORING REPORT 4THQTR 2010					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7844968438/T0606500307.PDF					
Document Type:	Monitoring Reports				Size :	4,298 KB
Document Date:	2/22/2010				Submitted By:	GEO-CAL INC. (AUTH_RP)
Type:	MONITORING REPORT - SEMI-ANNUALLY				Submitted:	
Title:	2H-09 MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6415716886/T0606500307.PDF					
Document Type:	Site Documents				Size :	
Document Date:	7/31/2009				Submitted By:	LINDA SHURLOW (REGULATOR)
Type:	STAFF LETTER				Submitted:	
Title:	GW MONITORING FREQUENCY LETTER					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606500307&enforcement_id=6030077					
Document Type:	Monitoring Reports				Size :	6,039 KB
Document Date:	11/4/2008				Submitted By:	GEO-CAL INC. (AUTH_RP)
Type:	MONITORING REPORT - QUARTERLY				Submitted:	
Title:	GROUNDWATER MONITORING AND REMEDIATION STATUS REPORT, THIRD QUARTER 2008					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7396484851/T0606500307.PDF					
Document Type:	Monitoring Reports				Size :	4,204 KB
Document Date:	8/11/2008				Submitted By:	GEO-CAL INC. (AUTH_RP)
Type:	MONITORING REPORT - QUARTERLY				Submitted:	
Title:	GROUNDWATER MONITORING REPORT 2Q08					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2808714926/T0606500307.PDF					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Type:	Monitoring Reports			Size :	3,813 KB	
Document Date:	5/9/2008			Submitted By:	GEO-CAL INC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	1QMRSR					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5689344644/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	4,059 KB	
Document Date:	12/10/2007			Submitted By:	GEO-CAL INC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GROUNDWATER MONITORING AND SAMPLING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2703892588/T0606500307.PDF					
Document Type:	Site Documents			Size :	2,163 KB	
Document Date:	5/14/2007			Submitted By:	LINDA SHURLOW (REGULATOR)	
Type:	LETTER			Submitted:		
Title:	RIV CO 101106					
Title Link:	http://geotracker.waterboards.ca.gov/site_documents/4198460221/Nandina%20102006%2Epdf					
Document Type:	Site Documents			Size :	1,691 KB	
Document Date:	5/14/2007			Submitted By:	LINDA SHURLOW (REGULATOR)	
Type:	REPORT			Submitted:		
Title:	UNAUTHORIZED RELEASE REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/site_documents/1556228458/Nandina%20Liquor%2Epdf					
Document Type:	Monitoring Reports			Size :	767 KB	
Document Date:	5/3/2007			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GEOCAL - GROUNDWATER MONITORING REPORT 1STQTR 2007					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5314729094/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	706 KB	
Document Date:	9/26/2006			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GEOCAL - GROUNDWATER MONITORING REPORT 3RDQTR 2006					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7389109313/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	704 KB	
Document Date:	8/2/2006			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GEOCAL - GROUNDWATER MONITORING REPORT 2NDQTR 2006					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4106870293/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	647 KB	
Document Date:	5/6/2006			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GEOCAL - GROUNDWATER MONITORING REPORT 1STQTR 2006					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7545663416/T0606500307.PDF					
Document Type:	Site Documents			Size :	676 KB	
Document Date:	1/30/2006			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	PILOT STUDY / TREATABILITY WORKPLAN			Submitted:		
Title:	GEOCAL - SUPPLEMENTAL REMEDIAL PILOT TEST PLAN - 01-30-2006					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4239953458/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	1,034 KB	
Document Date:	1/18/2006			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GEOCAL - GROUNDWATER MONITORING REPORT 4THQTR 2005					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6678495049/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	709 KB	
Document Date:	11/23/2005			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		
Title:	GEOCAL - GROUNDWATER MONITORING REPORT 3RDQTR 2005					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4059290587/T0606500307.PDF					
Document Type:	Monitoring Reports			Size :	679 KB	
Document Date:	8/10/2005			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY			Submitted:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:		GEOCAL - GROUNDWATER MONITORING REPORT 2NDQTR 2005				
Title Link:		http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2770570158/T0606500307.PDF				
Document Type:	Monitoring Reports			Size :	760 KB	
Document Date:	4/5/2005			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	MONITORING REPORT - QUARTERLY					
Title:	GEOCAL - GROUNDWATER MONITORING REPORT 1STQTR 2005					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3159585416/T0606500307.PDF					
Document Type:	Site Documents			Size :	635 KB	
Document Date:	3/16/2005			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN					
Title:	GEOCAL - REMEDIAL ACTION PLAN - MARCH 2005					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7074076354/T0606500307.PDF					
Document Type:	Site Documents			Size :	980 KB	
Document Date:	1/11/2005			Submitted By:	AMI ADINI & ASSOC. (AUTH_RP)	
Type:	PILOT STUDY/ TREATABILITY REPORT					
Title:	GEOCAL - DPE PILOT TEST REPORT - 01-11-2005					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2832528650/T0606500307.PDF					

9 1 of 2 WSW 0.11 / 587.38 1,523.57 / 7 MARCH AIR FORCE BASE - SITE 24 7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518 ENVIROSTOR

Estor/EPA ID: 33350014
Site Code:
Nat Priority List: NO
Acres: 4 ACRES
Special Program:
Funding: * DEFENSE ENVIRONMENTAL RESTORATION PROGRAM (DERP)
Assembly District: 61
Senate District: 31
School District:
APN: NONE SPECIFIED
Cleanup Status: CERTIFIED AS OF 5/1/1986
Cleanup Oversight Agencies: US EPA - LEAD AGENCY
Site Type: CLOSED BASE
Office: CLEANUP CYPRESS
Past Use that Caused Contam: INCINERATOR - OTHER
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL
Potential Contamin of Concern:

Permit Renewal Lead:
Project Manager:
Supervisor: MANNY ALONZO
Public Partici Spclst:
Census Tract: 6065046700
County: RIVERSIDE
Latitude: 33.8676
Longitude: -117.2636

NONE SPECIFIED

Site History:

Site 24 is a former landfill at West March Air force Base. The landfill occupied an area of approximately 4 acres and received approximately 12,000 cubic yards of waste ash from the Camp Haan solid waste incinerator between 1941 and 1965. The southwestern portion of the landfill also received domestic solid waste, shop waste, and demolition debris. There is no apparent remaining threat to groundwater, public health or the environment. Site 24 has been clean closed. The future land usage for Site 24 is industrial.

Status: CERTIFIED
Program Type: STATE RESPONSE
CalEnviroScreen Score: 96-100%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33350014

Completed Activities

Title: Certification
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=33350014&enforcement_id=5001968
Area Name:
Area Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Sub Area:		STE24				
Sub Area Link:		http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33350014&site_id=2003580				
Document Type:		Certification				
Date Completed:		7/22/1996				
Comments:						
Title:		Feasibility Study Report				
Title Link:						
Area Name:						
Area Link:						
Sub Area:		STE24				
Sub Area Link:		http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33350014&site_id=2003580				
Document Type:		Feasibility Study Report				
Date Completed:		9/22/1995				
Comments:						

<u>9</u>	2 of 2	WSW	0.11 / 587.38	1,523.57 / 7	MARCH AIR FORCE BASE - SITE 24 7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518	RESPONSE
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Estor/EPA ID:	33350014	Permit Renewal Lead:	
Site Code:		Project Manager:	
Nat Priority List:	NO	Supervisor:	MANNY ALONZO
Acres:	4 ACRES	Public Partici Spclst:	
Special Program:		Census Tract:	6065046700
Funding:	* DEFENSE ENVIRONMENTAL RESTORATION PROGRAM (DERP)	County:	RIVERSIDE
Assembly District:	61	Latitude:	33.8676
Senate District:	31	Longitude:	-117.2636
School District:			
APN:	NONE SPECIFIED		
Cleanup Status:	CERTIFIED AS OF 5/1/1986		
Cleanup Oversight Agencies:	US EPA - LEAD AGENCY		
Site Type:	CLOSED BASE		
Office:	CLEANUP CYPRESS		
Past Use that Caused Contam:	INCINERATOR - OTHER		
Potential Media Affected:	OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL		
Potential Contamin of Concern:			

NONE SPECIFIED

Site History:

Site 24 is a former landfill at West March Air force Base. The landfill occupied an area of approximately 4 acres and received approximately 12,000 cubic yards of waste ash from the Camp Haan solid waste incinerator between 1941 and 1965. The southwestern portion of the landfill also received domestic solid waste, shop waste, and demolition debris. There is no apparent remaining threat to groundwater, public health or the environment. Site 24 has been clean closed. The future land usage for Site 24 is industrial.

Status:	CERTIFIED
Program Type:	STATE RESPONSE
CalEnviroScreen Score:	96-100%
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33350014

Completed Activities

Title:	Certification
Title Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=33350014&enforcement_id=5001968
Area Name:	
Area Link:	
Sub Area:	STE24
Sub Area Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33350014&site_id=2003580
Document Type:	Certification
Date Completed:	7/22/1996
Comments:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title: Feasibility Study Report
Title Link:
Area Name:
Area Link:
Sub Area: STE24
Sub Area Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33350014&site_id=2003580
Document Type: Feasibility Study Report
Date Completed: 9/22/1995
Comments:

10	1 of 3	SE	0.11 / 602.75	1,503.61 / -13	Greenstone Materials Inc 1420 NANDINA AVE PERRIS CA 92571	DELISTED HAZ
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Siteid: 34389
Latitude: 33.867222
Longitude: -117.257629
Original Source: CHAZ
Record Date: 09-JUL-2018

10	2 of 3	SE	0.11 / 602.75	1,503.61 / -13	GREENSTONE MATERIALS INC 1420 NANDINA AVE PERRIS CA 92571-7008	RCRA NON GEN
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EPA Handler ID: CAL000364871
Gen Status Universe: No Report
Contact Name: WILLIAM YEAGER
Contact Address: 1420 NANDINA AVE , , PERRIS , CA, 92571 ,
Contact Phone No and Ext: 909-234-9352
Contact Email: BILLY@GREENSTONEMATERIALS.COM
Contact Country:
County Name: RIVERSIDE
EPA Region: 09
Land Type:
Receive Date: 20110624

Violation/Evaluation Summary

Note: NO RECORDS: As of Mar 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: Yes
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20110624

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Handler Name: GREENSTONE MATERIALS INC
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	1420 NANDINA AVE
Name:	WILLIAM YEAGER	Street 2:	
Date Became Current:		City:	PERRIS
Date Ended Current:		State:	CA
Phone:	909-234-9352	Country:	
Source Type:	Implementer	Zip Code:	92571

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	1420 NANDINA AVE
Name:	GREENSTONE MATERIALS INC	Street 2:	
Date Became Current:		City:	PERRIS
Date Ended Current:		State:	CA
Phone:	951-943-1500	Country:	
Source Type:	Implementer	Zip Code:	92571-7008

<u>10</u>	3 of 3	SE	0.11 / 602.75	1,503.61 / -13	PEED EQUIPMENT COMPANY 1420 NANDINA AVE PERRIS CA 92571	RCRA NON GEN
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EPA Handler ID: CAC002965950
Gen Status Universe: No Report
Contact Name: FRANK LOERA
Contact Address: 1480 NANDINA AVE , , PERRIS , CA, 92571 ,
Contact Phone No and Ext: 951-657-0900
Contact Email: FLOERA@PEEDEQUIP.COM
Contact Country:
County Name: RIVERSIDE
EPA Region: 09
Land Type:
Receive Date: 20180611

Violation/Evaluation Summary

Note: NO RECORDS: As of Mar 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: Yes
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Sequence No:		1				
Receive Date:		20180611				
Handler Name:		PEED EQUIPMENT COMPANY				
Generator Status Universe:		No Report				
Source Type:		Implementer				
<u>Owner/Operator Details</u>						
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Other				Street 1:	1480 NANDINA AVE
Name:	FRANK LOERA				Street 2:	
Date Became Current:					City:	PERRIS
Date Ended Current:					State:	CA
Phone:	951-657-0900				Country:	
Source Type:	Implementer				Zip Code:	92571
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Other				Street 1:	1480 NANDINA AVE
Name:	CAROLYN PEED				Street 2:	
Date Became Current:					City:	PERRIS
Date Ended Current:					State:	CA
Phone:	951-657-0900				Country:	
Source Type:	Implementer				Zip Code:	92571

11	1 of 1	WSW	0.12 / 659.59	1,525.09 / 9	March Air Force Base - US Air Force, former March AFB - OU-2 - SITE 19 West March Sludge Drying Beds 3430 Bundy Ave. Riverside CA 92518	CLEANUP SITES
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Global ID:	DOD100291500	Site Facility Type:	Military Cleanup Site
Status:	Completed - Case Closed	County:	Riverside
Status Date:	2016-10-26 00:00:00	Latitude:	33.8674223586078
Site Code:		Longitude:	-117.263774871826
Data Source:	Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case Number:	166-72 -- 2	CUF Case:	NO
Local Case Number:	400090 -- 2	Case Worker:	PAH
Begin Date:	1990-09-18 00:00:00	File Location:	Regional Board
Stop Method:			
Lead Agency:	SANTA ANA RWQCB (REGION 8)		
Local Agency:	US ENVIRONMENTAL PROTECTION AGENCY		
Potential COC:	Polychlorinated biphenyls (PCBs), Chromium VI, Polynuclear aromatic hydrocarbons (PAHs)		
Potential Media of Concern:	Soil		
How Discovered:			
How Discovered Description:			
Stop Description:			
Calwater Watershed Name:	San Jacinto Valley - Perris - Perris Valley (802.11)		
DWR GW Subbasin Name:	San Jacinto (8-005)		
Disadvantaged Community:			
Site History:			

Installation Restoration Program (IRP) Site 19 was the West March Sludge Drying Beds. The site was located on the southern end of former West March east of the wastewater treatment plant. The site was about 7 acres. The site contained four lined sludge drying beds and three unlined sludge drying beds. In the past, wastewater sludge was spread out into ten unlined beds for drying. When dry, the sludge was removed from the drying beds. The March IRP began in September of 1983. The initial study identified 30 potential contaminated sites for further investigation. A second study, completed in March 1987, consisted of the collection of soil, water, and soil gas samples. In June 1987, further investigation was conducted. This investigation indicated that further investigation was required to better define the extent of soil and groundwater contamination and off-base migration of the chlorinated solvent trichloroethene in groundwater. In November 1991, March was listed on U.S. EPA National Priorities List (Superfund site) due to the presence of contamination in groundwater beneath the base. Sites were placed into 3 separate Operable Units (OU). Site 17 was placed in OU-2. The OU-2 Air Force Real Property Agency (AFRPA) Remedial Investigation/Feasibility Study (for 15 Sites) was made available to the public in November 1996. The Proposed Plan was made available for public comment from September 8, 1997 thru October 8, 1997 with a public meeting held on September 9, 1997. A superseding Proposed Plan was made available for public comment from August 23 thru September 22, 2000. The OU-2 AFRPA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Record of Decision (ROD) was final in April 2004. Approximately 7,000 cubic yard of surface and near-surface soil contamination was estimated to exist over the site. No consistent pattern to the contamination throughout the site was shown. The contaminants of concern and ecological concern were: polynuclear aromatic hydrocarbons, polychlorinated biphenyls, hexavalent chromium, and thallium. The current and future land use expected for the site is a public wastewater treatment facility. Report dated March 4, 2013 presented a finding of suitability for unlimited use and unrestricted exposure for Site 19. Proposed Plan dated January 26, 2015 changes the selected remedy to No Further Action. The remedy selected for the former sludge drying beds was: 1) Covenant restricting use for residential purposes, hospitals for human care, public or private schools for persons under 18 years of age, or day care centers for children, 2) covenant restricting others from conducting any activity that would disturb the soil in the former sludge drying beds, and 3) covenant restricting the site from activities that would result in removal, disturbance, or other interference with fences or other barriers to access to or signs notifying the public of the site. Reopened Closed without restrictions by Amendment to Record of Decision for OU-2 AFRPA date October 6, 2016. Water Board signed 10/26/2016.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Acitivity

Action Type:	RESPONSE
Date :	2018-07-17 00:00:00
Action:	Site Investigation
Action Type:	ENFORCEMENT
Date :	2018-07-11 00:00:00
Action:	Technical Correspondence / Assistance / Other
Action Type:	RESPONSE
Date :	2018-06-30 00:00:00
Action:	Decision Documents
Action Type:	RESPONSE
Date :	2017-06-30 00:00:00
Action:	Community Relations
Action Type:	RESPONSE
Date :	2017-06-30 00:00:00
Action:	Proposed Plan
Action Type:	RESPONSE
Date :	2017-06-30 00:00:00
Action:	Proposed Plan - Regulator Responded
Action Type:	RESPONSE
Date :	2017-06-30 00:00:00
Action:	Work Plan
Action Type:	RESPONSE
Date :	2017-03-16 00:00:00
Action:	Fact Sheets - Public Participation
Action Type:	RESPONSE
Date :	2017-02-24 00:00:00
Action:	Other Report / Document
Action Type:	ENFORCEMENT
Date :	2016-08-05 00:00:00
Action:	Technical Correspondence / Assistance / Other
Action Type:	ENFORCEMENT
Date :	2016-06-03 00:00:00
Action:	Technical Correspondence / Assistance / Other
Action Type:	ENFORCEMENT
Date :	2016-02-23 00:00:00
Action:	Technical Correspondence / Assistance / Other
Action Type:	ENFORCEMENT
Date :	2015-12-18 00:00:00
Action:	Technical Correspondence / Assistance / Other
Action Type:	ENFORCEMENT
Date :	2015-04-13 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Technical Correspondence / Assistance / Other				
Action Type:		RESPONSE				
Date :		2015-01-26 00:00:00				
Action:		Proposed Plan				
Action Type:		ENFORCEMENT				
Date :		2014-08-21 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		ENFORCEMENT				
Date :		2014-05-16 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		RESPONSE				
Date :		2014-03-14 00:00:00				
Action:		Remedial Investigation Report				
Action Type:		ENFORCEMENT				
Date :		2013-11-12 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		ENFORCEMENT				
Date :		2013-08-13 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		ENFORCEMENT				
Date :		2013-05-07 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		RESPONSE				
Date :		2013-03-05 00:00:00				
Action:		CAP/RAP - Other Report - Regulator Responded				
Action Type:		RESPONSE				
Date :		2012-01-26 00:00:00				
Action:		Other Report / Document				
Action Type:		RESPONSE				
Date :		2011-02-09 00:00:00				
Action:		Other Report / Document				
Action Type:		RESPONSE				
Date :		2009-11-06 00:00:00				
Action:		Five Year Review Complete				
Action Type:		RESPONSE				
Date :		2004-04-20 00:00:00				
Action:		Record of Decision				
Action Type:		ENFORCEMENT				
Date :		1998-12-30 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		ENFORCEMENT				
Date :		1998-10-30 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		ENFORCEMENT				
Date :		1998-04-03 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		ENFORCEMENT				
Date :		1998-02-20 00:00:00				
Action:		Technical Correspondence / Assistance / Other				

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status:		Completed - Case Closed				
Status Date:		2016-10-26 00:00:00				
Status:		Open - Verification Monitoring				
Status Date:		2013-10-01 00:00:00				
Status:		Open - Reopen Case				
Status Date:		2013-10-01 00:00:00				
Status:		Open - Eligible for Closure				
Status Date:		2013-03-04 00:00:00				
Status:		Open - Remediation				
Status Date:		2009-09-01 00:00:00				
Status:		Open - Reopen Case				
Status Date:		2009-01-01 00:00:00				
Status:		Completed - Case Closed				
Status Date:		2004-05-12 00:00:00				
Status:		Open				
Status Date:		1990-09-18 00:00:00				
Status:		Open - Case Begin Date				
Status Date:		1990-09-18 00:00:00				

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: PATRICIA HANNON
Phone Number:
Organization Name: SANTA ANA RWQCB (REGION 8)
Email: patricia.hannon@waterboards.ca.gov
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE

Cleanup Program Sites from GeoTracker Search - Regulatory Profile(as of Jan 18, 2019)

Project Status:
CUF Claim:
CUF Priority Assign:
CUF Amount Paid:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: http://geotracker.waterboards.ca.gov/profile_report?global_id=DOD100291500
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/26/2016
Cleanup History Link: http://geotracker.waterboards.ca.gov/profile_report_include?global_id=DOD100291500&tabname=regulatoryhistory
Potential COC: CHROMIUM VI, POLYCHLORINATED BIPHENYLS (PCBS), POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)
Potential Media Of Concern: SOIL
DWR GW Sub Basin: San Jacinto (8-005)
Calwater Watershed Name: San Jacinto Valley - Perris - Perris Valley (802.11)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: DEPARTMENT OF TOXIC SUBSTANCES CONTROL (LEAD) - CASE #: 400090 -- 2
SANTA ANA RWQCB (REGION 8) (LEAD) - CASE #: 166-72 -- 2
CASEWORKER: PATRICIA HANNON
US ENVIRONMENTAL PROTECTION AGENCY (LEAD) - CASE #: 400090 -- 2

Site History:

Installation Restoration Program (IRP) Site 19 was the West March Sludge Drying Beds. The site was located on the southern end of former West March east of the wastewater treatment plant. The site was about 7 acres. The site contained four lined sludge drying beds and three unlined sludge drying beds. In the past, wastewater sludge was spread out into ten unlined beds for drying. When dry, the sludge was removed from the drying beds.

The March IRP began in September of 1983. The initial study identified 30 potential contaminated sites for further investigation. A second study, completed in March 1987, consisted of the collection of soil, water, and soil gas samples. In June 1987, further investigation was conducted. This

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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investigation indicated that further investigation was required to better define the extent of soil and groundwater contamination and off-base migration of the chlorinated solvent trichloroethene in groundwater. In November 1991, March was listed on U.S. EPA National Priorities List (Superfund site) due to the presence of contamination in groundwater beneath the base. Sites were placed into 3 separate Operable Units (OU). Site 17 was placed in OU-2. The OU-2 Air Force Real Property Agency (AFRPA) Remedial Investigation/Feasibility Study (for 15 Sites) was made available to the public in November 1996. The Proposed Plan was made available for public comment from September 8, 1997 thru October 8, 1997 with a public meeting held on September 9, 1997. A superseding Proposed Plan was made available for public comment from August 23 thru September 22, 2000. The OU-2 AFRPA Record of Decision (ROD) was final in April 2004.

Approximately 7,000 cubic yard of surface and near-surface soil contamination was estimated to exist over the site. No consistent pattern to the contamination throughout the site was shown. The contaminants of concern and ecological concern were: polynuclear aromatic hydrocarbons, polychlorinated biphenyls, hexavalent chromium, and thallium. The current and future land use expected for the site is a public wastewater treatment facility.

Report dated March 4, 2013 presented a finding of suitability for unlimited use and unrestricted exposure for Site 19. Proposed Plan dated January 26, 2015 changes the selected remedy to No Further Action.

The remedy selected for the former sludge drying beds was: 1) Covenant restricting use for residential purposes, hospitals for human care, public or private schools for persons under 18 years of age, or day care centers for children, 2) covenant restricting others from conducting any activity that would disturb the soil in the former sludge drying beds, and 3) covenant restricting the site from activities that would result in removal, disturbance, or other interference with fences or other barriers to access to or signs notifying the public of the site.

Reopened

Closed without restrictions by Amendment to Record of Decision for OU-2 AFRPA date October 6, 2016. Water Board signed 10/26/2016.

Cleanup Program Sites from GeoTracker Search - Regulatory Activities(as of Jan 18, 2019)

Action Type: Response Requested - Reports
Action Date:
Received Issue Date: 9/29/2014
Action: Five Year Review Complete
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=6094828
Title Description Comments:

final Third Five-Year Review Report

Action Type: Response Requested - Reports
Action Date:
Received Issue Date: 3/10/2014
Action: Five Year Review Complete
Doc Link:
Title Description Comments:

draft Third Five-Year Review

Action Type: Response Requested - Other
Action Date:
Received Issue Date: 2/12/2014
Action: Other Report / Document
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=6094036
Title Description Comments:

Meeting Minutes for Dec. 10, 2013 Quarterly RPM meeting

Action Type: Response Requested - Other
Action Date:
Received Issue Date: 9/23/2015
Action: Verbal Communication
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=6107160
Title Description Comments:

Meeting Minutes from June 30 and July 1, 2015 PM meeting and Action Item log

Action Type: Response Requested - Reports
Action Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Received Issue Date: 12/16/2015
Action: Preliminary Site Assessment Report
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=6110899
Title Description Comments:

final Perfluorinated Compounds Preliminary Assessment Report

Action Type: Response Requested - Reports
Action Date: 7/17/2018
Received Issue Date: 7/17/2018
Action: Site Investigation
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=6178780
Title Description Comments:

Final Site Inspection Report for Aqueous Film Forming Foam (AFFF) Areas, former March AFB

Action Type: Other Regulatory Actions
Action Date: 7/11/2018
Received Issue Date: 7/11/2018
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6363632&template=ENFORCEMENT
Title Description Comments:

Response to Draft Site Inspection Report for Aqueous FFF Areas

Action Type: Response Requested - JEP Activity
Action Date: 6/30/2017
Received Issue Date: 1/26/2015
Action: Proposed Plan
Doc Link:
Title Description Comments:

WP019 - CERCLA - Proposed Plan (PP) - Draft Final Proposed Plan -- (7/16 - 6/17) - Final Proposed Plan submitted 1/26/2016

Action Type: Response Requested - JEP Activity
Action Date: 6/30/2017
Received Issue Date: 6/11/2014
Action: Proposed Plan - Regulator Responded
Doc Link:
Title Description Comments:

WP019 - CERCLA - Proposed Plan (PP) - Draft Proposed Plan -- (7/16 - 6/17) Final Proposed Plan completed 1/26/2015

Action Type: Response Requested - Other
Action Date: 3/16/2017
Received Issue Date: 3/16/2017
Action: Fact Sheets - Public Participation
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=5915460
Title Description Comments:

Public Notice: Air Force Announces Signing of Amendment to former March AFB Record of Decision

Action Type: Response Requested - Other
Action Date: 2/24/2017
Received Issue Date: 2/24/2017
Action: Other Report / Document
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=5913825
Title Description Comments:

FINAL OPERABLE UNIT 2 AIR FORCE REAL PROPERTY AGENCY RECORD OF DECISION AMENDMENT FOR WP019 - WEST MARCH SLUDGE DRYING BEDS

Action Type: Other Regulatory Actions

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		8/5/2016				
Received Issue Date:		8/5/2016				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6294497&template=ENFORCEMENT				
Title Description Comments:						
Comments on Revise Draft Final OU-2, Record of Decision Amendment for WP019 at former March Air Force Base (Air Force Real Property Agency) and on Revised Draft-Final (Version 2) Amendment to the OU2 AFRPA ROD - WP019						
Action Type:		Other Regulatory Actions				
Action Date:		6/3/2016				
Received Issue Date:		6/3/2016				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6286817&template=ENFORCEMENT				
Title Description Comments:						
Comments on the Revised Draft-final Amendment to the OU2 AFRPA ROD WP019						
Action Type:		Other Regulatory Actions				
Action Date:		2/23/2016				
Received Issue Date:		2/23/2016				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6276682&template=ENFORCEMENT				
Title Description Comments:						
Sent email stating that we did not have any comments on the draft final Record of Decision for Site 19						
Action Type:		Other Regulatory Actions				
Action Date:		12/18/2015				
Received Issue Date:		12/18/2015				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6270522&template=ENFORCEMENT				
Title Description Comments:						
RESPONSE TO DRAFT OPERABLE UNIT 2 AIR FORCE REAL PROPERTY AGENCY RECORD OF DECISION AMENDMENT FOR WP019 - WEST MARCH SLUDGE DRYING BEDS						
Action Type:		Other Regulatory Actions				
Action Date:		4/13/2015				
Received Issue Date:		4/13/2015				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6241629&template=ENFORCEMENT				
Title Description Comments:						
Reviewed and sent an email to the Air Force stating that we did not have any comments of the March 3, 2015 meeting minutes.						
Action Type:		Response Requested - Workplans				
Action Date:		1/26/2015				
Received Issue Date:		1/26/2015				
Action:		Proposed Plan				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=5828616				
Title Description Comments:						
final Site 19 Proposed Plan						
Action Type:		Other Regulatory Actions				
Action Date:		8/21/2014				
Received Issue Date:		8/21/2014				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6218273&template=ENFORCEMENT				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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ptable=ENFORCEMENT

Title Description Comments:

Response to draft Proposed Plan for WP019 (site 19)

Action Type: Other Regulatory Actions
Action Date: 5/16/2014
Received Issue Date: 5/16/2014
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6203421&temptable=ENFORCEMENT

Title Description Comments:

Response to the Draft Third Five-Year Review Report

Action Type: Response Requested - Reports
Action Date: 3/14/2014
Received Issue Date: 3/14/2014
Action: Remedial Investigation Report
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=5804138

Title Description Comments:

final REMEDIAL INVESTIGATION ADDENDUM/RISK ASSESSMENT REVISION, WP019 - WEST MARCH SLUDGE DRYING BEDS

Action Type: Other Regulatory Actions
Action Date: 11/12/2013
Received Issue Date: 11/12/2013
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6182270&temptable=ENFORCEMENT

Title Description Comments:

Concurrence with the Basewide Generic Quality Program Plan

Action Type: Other Regulatory Actions
Action Date: 8/13/2013
Received Issue Date: 8/13/2013
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6171514&temptable=ENFORCEMENT

Title Description Comments:

comments on Draft Basewide Land Use Control Management Plan, Performance-Based Remediation,

Action Type: Other Regulatory Actions
Action Date: 5/7/2013
Received Issue Date: 5/7/2013
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6158688&temptable=ENFORCEMENT

Title Description Comments:

Change in RPM

Action Type: Response Requested - Reports
Action Date: 3/5/2013
Received Issue Date: 3/5/2013
Action: CAP/RAP - Other Report - Regulator Responded
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=5765673

Title Description Comments:

Draft Supplemental Remedial Investigation Report/Technical Memorandum

Action Type: Response Requested - Other

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		1/26/2012				
Received Issue Date:		1/26/2012				
Action:		Other Report / Document				
Doc Link:						
Title Description Comments:						
State Land Use Covenant/Institutional Control/Annual Evaluation/Monitoring/Inspection Report						
Action Type:		Response Requested - Other				
Action Date:		2/9/2011				
Received Issue Date:		2/9/2011				
Action:		Other Report / Document				
Doc Link:						
Title Description Comments:						
Annual ReportingState Land Use Covenants - No review comments drafted.						
Action Type:		Response Requested - Reports				
Action Date:		11/6/2009				
Received Issue Date:		11/6/2009				
Action:		Five Year Review Complete				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=6108578				
Title Description Comments:						
final Second Five-Year Review, September 2009						
Action Type:		Response Requested - Reports				
Action Date:		4/20/2004				
Received Issue Date:		4/20/2004				
Action:		Record of Decision				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100291500&doc_id=6094224				
Title Description Comments:						
RECORD OF DECISION for OPERABLE UNIT 2 at FORMER MARCH AIR FORCE BASE, AIR FORCE REAL PROPERTY AGENCY, APRIL 2004, signed May 2004						
Action Type:		Other Regulatory Actions				
Action Date:		12/30/1998				
Received Issue Date:		12/30/1998				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6209525&template=ENFORCEMENT				
Title Description Comments:						
FINAL QAPP SUPPLEMENT						
Action Type:		Other Regulatory Actions				
Action Date:		10/30/1998				
Received Issue Date:		10/30/1998				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6209510&template=ENFORCEMENT				
Title Description Comments:						
REVIEW OF BASEWIDE SUPPLEMENTAL GW INVESTIGATION						
Action Type:		Other Regulatory Actions				
Action Date:		4/3/1998				
Received Issue Date:		4/3/1998				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6209441&template=ENFORCEMENT				
Title Description Comments:						
Comments on DRAFT OU2 ROD						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Action Type: Other Regulatory Actions
Action Date: 2/20/1998
Received Issue Date: 2/20/1998
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6209404&template=ENFORCEMENT

Title Description Comments:

DRAFT WORK PLAN & QPP, BASEWIDE RI/FS

Cleanup Program Sites from GeoTracker Search - Documents(as of Jan 18, 2019)

Document Type: Site Documents
Document Date: 7/17/2018
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: FINAL SITE INSPECTION REPORT FOR AQUEOUS FILM FORMING FOAM (AFFF) AREAS, FORMER MARCH AFB
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=6178780
Type: SITE INVESTIGATION

Document Type: Site Documents
Document Date: 7/11/2018
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: RESPONSE TO DRAFT SITE INSPECTION REPORT FOR AQUEOUS FFF AREAS
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6363632
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 3/16/2017
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: PUBLIC NOTICE: AIR FORCE ANNOUNCES SIGNING OF AMENDMENT TO FORMER MARCH AFB RECORD OF DECISION
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=5915460
Type: FACT SHEETS - PUBLIC PARTICIPATION

Document Type: Site Documents
Document Date: 2/24/2017
Submitted:
Submitted By: SAL DEGUZMAN (CONTRACTOR)
Size : 10,480 KB
Title: FINAL OPERABLE UNIT 2 AIR FORCE REAL PROPERTY AGENCY RECORD OF DECISION AMENDMENT FOR WP019 - WEST MARCH SLUDGE DRYING BEDS
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9889170050/DOD100291500.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents
Document Date: 8/5/2016
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: COMMENTS ON REVISE DRAFT FINAL OU-2, RECORD OF DECISION AMENDMENT FOR WP019 AT FORMER MARCH AIR FORCE BASE (AIR FORCE REAL PROPERTY AGENCY) AND ON REVISED DRAFT-FINAL (VERSION 2) AMENDMENT TO THE OU2 AFRPA ROD - WP019
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6294497
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 6/3/2016
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: COMMENTS ON THE REVISED DRAFT-FINAL AMENDMENT TO THE OU2 AFRPA ROD WP019
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6286817
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 2/23/2016
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: SENT EMAIL STATING THAT WE DID NOT HAVE ANY COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR SITE 19
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6276682
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Document Type: Document Date: Size : Title:	Site Documents 12/18/2015				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:	RESPONSE TO DRAFT OPERABLE UNIT 2 AIR FORCE REAL PROPERTY AGENCY RECORD OF DECISION AMENDMENT FOR WP019 - WEST MARCH SLUDGE DRYING BEDS http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6270522 TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER					
Document Type: Document Date: Size : Title:	Site Documents 12/16/2015				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:	FINAL PERFLUORINATED COMPOUNDS PRELIMINARY ASSESSMENT REPORT http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=6110899 PRELIMINARY SITE ASSESSMENT REPORT					
Document Type: Document Date: Size : Title:	Site Documents 9/23/2015				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:	MEETING MINUTES FROM JUNE 30 AND JULY 1, 2015 PM MEETING AND ACTION ITEM LOG http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=6107160 VERBAL COMMUNICATION					
Document Type: Document Date: Size : Title:	Site Documents 4/13/2015				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:	REVIEWED AND SENT AN EMAIL TO THE AIR FORCE STATING THAT WE DID NOT HAVE ANY COMMENTS OF THE MARCH 3, 2015 MEETING MINUTES. http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6241629 TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER					
Document Type: Document Date: Size : Title:	Site Documents 1/26/2015				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:	FINAL SITE 19 PROPOSED PLAN http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=5828616 PROPOSED PLAN					
Document Type: Document Date: Size : Title:	Site Documents 9/29/2014				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:	FINAL THIRD FIVE-YEAR REVIEW REPORT http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=6094828 FIVE YEAR REVIEW COMPLETE					
Document Type: Document Date: Size : Title:	Site Documents 8/21/2014				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:	RESPONSE TO DRAFT PROPOSED PLAN FOR WP019 (SITE 19) http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6218273 TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER					
Document Type: Document Date: Size : Title:	Site Documents 5/16/2014				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:	RESPONSE TO THE DRAFT THIRD FIVE-YEAR REVIEW REPORT http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6203421 TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER					
Document Type: Document Date: Size : Title:	Site Documents 3/14/2014				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:	FINAL REMEDIAL INVESTIGATION ADDENDUM/RISK ASSESSMENT REVISION, WP019 - WEST MARCH SLUDGE DRYING BEDS http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=5804138 REMEDIAL INVESTIGATION REPORT					
Document Type: Document Date:	Site Documents 2/12/2014				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Size :						
Title:					MEETING MINUTES FOR DEC. 10, 2013 QUARTERLY RPM MEETING	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=6094036	
Type:					OTHER REPORT / DOCUMENT	
Document Type:	Site Documents				Submitted:	
Document Date:	11/12/2013				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :						
Title:					CONCURRENCE WITH THE BASEWIDE GENERIC QUALITY PROGRAM PLAN	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6182270	
Type:					TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	
Document Type:	Site Documents				Submitted:	
Document Date:	8/13/2013				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :						
Title:					COMMENTS ON DRAFT BASEWIDE LAND USE CONTROL MANAGEMENT PLAN, PERFORMANCE-BASED REMEDIATION,	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6171514	
Type:					TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	
Document Type:	Site Documents				Submitted:	
Document Date:	5/7/2013				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :						
Title:					CHANGE IN RPM	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6158688	
Type:					TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	
Document Type:	Site Documents				Submitted:	
Document Date:	3/5/2013				Submitted By:	(REGULATOR)
Size :						
Title:					DRAFT SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT/TECHNICAL MEMORANDUM - REGULATOR RESPONSE	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=5765673	
Type:					CAP/RAP - OTHER REPORT	
Document Type:	Site Documents				Submitted:	
Document Date:	11/6/2009				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :						
Title:					FINAL SECOND FIVE-YEAR REVIEW, SEPTEMBER 2009	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=6108578	
Type:					FIVE YEAR REVIEW COMPLETE	
Document Type:	Site Documents				Submitted:	
Document Date:	4/20/2004				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :						
Title:					RECORD OF DECISION FOR OPERABLE UNIT 2 AT FORMER MARCH AIR FORCE BASE, AIR FORCE REAL PROPERTY AGENCY, APRIL 2004, SIGNED MAY 2004	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&document_id=6094224	
Type:					RECORD OF DECISION	
Document Type:	Site Documents				Submitted:	
Document Date:	12/30/1998				Submitted By:	VICTOR STURDIVANT (REGULATOR)
Size :						
Title:					FINAL QAPP SUPPLEMENT	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6209525	
Type:					TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	
Document Type:	Site Documents				Submitted:	
Document Date:	10/30/1998				Submitted By:	VICTOR STURDIVANT (REGULATOR)
Size :						
Title:					REVIEW OF BASEWIDE SUPPLEMENTAL GW INVESTIGATION	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6209510	
Type:					TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	
Document Type:	Site Documents				Submitted:	
Document Date:	4/3/1998				Submitted By:	VICTOR STURDIVANT (REGULATOR)
Size :						
Title:					COMMENTS ON DRAFT OU2 ROD	
Title Link:					http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6209441	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
 Document Date: 2/20/1998
 Submitted: Submitted By: VICTOR STURDIVANT (REGULATOR)
 Size :
 Title: DRAFT WORK PLAN & QPP, BASEWIDE RI/FS
 Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100291500&enforcement_id=6209404
 Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Cleanup Program Sites from GeoTracker Search - Cleanup Action Report(as of Jan 18, 2019)

Status: Completed - Case Closed
 Date : 10/26/2016

Status: Open - Verification Monitoring
 Date : 10/1/2013

Status: Open - Reopen Case
 Date : 10/1/2013

Status: Open - Eligible for Closure
 Date : 3/4/2013

Status: Open - Remediation
 Date : 9/1/2009

Status: Open - Reopen Case
 Date : 1/1/2009

Status: Completed - Case Closed
 Date : 5/12/2004

Status: Open
 Date : 9/18/1990

Status: Open - Case Begin Date
 Date : 9/18/1990

12	1 of 1	SE	0.18 / 958.46	1,501.44 / -15	TIGER & SONS INC DBA PERRIS AUTO REPAIR CENTER 5168 WESTERN WAY PERRIS CA 92571	RCRA NON GEN
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EPA Handler ID: CAL000331973
 Gen Status Universe: No Report
 Contact Name: ANTHONY EID
 Contact Address: 5168 WESTERN WAY , , PERRIS , CA, 92571 ,
 Contact Phone No and Ext: 951-943-2677
 Contact Email: TIGERANDSONS@PERRISAUTOREPAIR.COM
 Contact Country:
 County Name: RIVERSIDE
 EPA Region: 09
 Land Type:
 Receive Date: 20080422

Violation/Evaluation Summary

Note: NO RECORDS: As of Mar 2019, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Transfer Facility:		No				
Onsite Burner Exemption:		No				
Furnace Exemption:		No				
Underground Injection Activity:		No				
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20080422
Handler Name: TIGER & SONS INC DBA PERRIS AUTO REPAIR CENTER
Generator Status Universe: No Report
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	5168 WESTERN WAY
Name:	ANTHONY EID	Street 2:	
Date Became Current:		City:	PERRIS
Date Ended Current:		State:	CA
Phone:	951-943-2677	Country:	
Source Type:	Implementer	Zip Code:	92571

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	5168 WESTERN WAY
Name:	NEMR EID	Street 2:	
Date Became Current:		City:	PERRIS
Date Ended Current:		State:	CA
Phone:	951-943-2677	Country:	
Source Type:	Implementer	Zip Code:	92571-0000

13	1 of 1	WSW	0.23 / 1,188.24	1,536.35 / 20	March Air Force Base - US Air Force, former March AFB - OU-2 - SiTE 24 Landfill No. 1 3430 Bundy Ave. Riverside CA 92518	CLEANUP SITES
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Global ID:	DOD100283700	Site Facility Type:	Military Cleanup Site
Status:	Completed - Case Closed	County:	Riverside
Status Date:	2004-05-12 00:00:00	Latitude:	33.867297639983
Site Code:		Longitude:	-117.265577316284
Data Source:	Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case Number:	166-72 -- 13	CUF Case:	NO
Local Case Number:	400090 -- 13	Case Worker:	PAH
Begin Date:	1990-09-18 00:00:00	File Location:	Archived
Stop Method:			
Lead Agency:	SANTA ANA RWQCB (REGION 8)		
Local Agency:			
Potential COC:			
Potential Media of Concern:			
How Discovered:			
How Discovered Description:			
Stop Description:			
Calwater Watershed Name:	San Jacinto Valley - Perris - Perris Valley (802.11)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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DWR GW Subbasin Name: San Jacinto (8-005)
 Disadvantaged Community:
 Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 2013-08-13 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date : 2013-05-07 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: RESPONSE
Date : 2004-04-20 00:00:00
Action: Record of Decision

Action Type: ENFORCEMENT
Date : 1998-12-30 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date : 1998-10-30 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date : 1998-04-03 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date : 1998-02-20 00:00:00
Action: Technical Correspondence / Assistance / Other

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2004-05-12 00:00:00

Status: Open - Case Begin Date
Status Date: 1990-09-18 00:00:00

Status: Open
Status Date: 1990-09-18 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: PATRICIA HANNON
Phone Number:
Organization Name: SANTA ANA RWQCB (REGION 8)
Email: patricia.hannon@waterboards.ca.gov

Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE

Cleanup Program Sites from GeoTracker Search - Regulatory Profile(as of Jan 18, 2019)

Project Status:
CUF Claim:
CUF Priority Assign:
CUF Amount Paid:
User Defined Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficial Use:
Project Oversight Agencies:
Report Link: http://geotracker.waterboards.ca.gov/profile_report?global_id=DOD100283700

WDR Place Type:
WDR File:
WDR Order:
File Location: ARCHIVED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Status Detail:		COMPLETED - CASE CLOSED AS OF 5/12/2004				
Cleanup History Link:		http://geotracker.waterboards.ca.gov/profile_report_include?global_id=DOD100283700&tablename=regulatoryhistory				
Potential COC:		NONE SPECIFIED				
Potential Media Of Concern:		NONE SPECIFIED				
DWR GW Sub Basin:		San Jacinto (8-005)				
Calwater Watershed Name:		San Jacinto Valley - Perris - Perris Valley (802.11)				
Post Closure Site Management:						
Future Land Use:						
Cleanup Oversight Agencies:		DEPARTMENT OF TOXIC SUBSTANCES CONTROL (LEAD) - CASE #: 400090 -- 13 SANTA ANA RWQCB (REGION 8) (LEAD) - CASE #: 166-72 -- 13 CASEWORKER: PATRICIA HANNON US ENVIRONMENTAL PROTECTION AGENCY (LEAD) - CASE #: 400090 -- 13				
Site History:		No site history available				

Cleanup Program Sites from GeoTracker Search - Regulatory Activities(as of Jan 18, 2019)

Action Type: Other Regulatory Actions
Action Date: 8/13/2013
Received Issue Date: 8/13/2013
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6171518&template=ENFORCEMENT

Title Description Comments:

comments on Draft Basewide Land Use Control Management Plan, Performance-Based Remediation,

Action Type: Other Regulatory Actions
Action Date: 5/7/2013
Received Issue Date: 5/7/2013
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6158692&template=ENFORCEMENT

Title Description Comments:

Change in RPM

Action Type: Response Requested - Reports
Action Date: 4/20/2004
Received Issue Date: 4/20/2004
Action: Record of Decision
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=DOD100283700&doc_id=6094228

Title Description Comments:

RECORD OF DECISION for OPERABLE UNIT 2 at FORMER MARCH AIR FORCE BASE, AIR FORCE REAL PROPERTY AGENCY, APRIL 2004, signed May 2004

Action Type: Other Regulatory Actions
Action Date: 12/30/1998
Received Issue Date: 12/30/1998
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6209529&template=ENFORCEMENT

Title Description Comments:

FINAL QAPP SUPPLEMENT

Action Type: Other Regulatory Actions
Action Date: 10/30/1998
Received Issue Date: 10/30/1998
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6209514&template=ENFORCEMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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ptable=ENFORCEMENT

Title Description Comments:

REVIEW OF BASEWIDE SUPPLEMENTAL GW INVESTIGATION

Action Type: Other Regulatory Actions
Action Date: 4/3/1998
Received Issue Date: 4/3/1998
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6209445&temptable=ENFORCEMENT

Title Description Comments:

Comments on DRAFT OU2 ROD

Action Type: Other Regulatory Actions
Action Date: 2/20/1998
Received Issue Date: 2/20/1998
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6209408&temptable=ENFORCEMENT

Title Description Comments:

DRAFT WORK PLAN & QPP, BASEWIDE RI/FS

Cleanup Program Sites from GeoTracker Search - Documents(as of Jan 18, 2019)

Document Type: Site Documents
Document Date: 8/13/2013
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: COMMENTS ON DRAFT BASEWIDE LAND USE CONTROL MANAGEMENT PLAN, PERFORMANCE-BASED REMEDIATION,
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6171518
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 5/7/2013
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: CHANGE IN RPM
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6158692
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 4/20/2004
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: RECORD OF DECISION FOR OPERABLE UNIT 2 AT FORMER MARCH AIR FORCE BASE, AIR FORCE REAL PROPERTY AGENCY, APRIL 2004, SIGNED MAY 2004
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&document_id=6094228
Type: RECORD OF DECISION

Document Type: Site Documents
Document Date: 12/30/1998
Submitted:
Submitted By: VICTOR STURDIVANT (REGULATOR)
Size :
Title: FINAL QAPP SUPPLEMENT
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6209529
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 10/30/1998
Submitted:
Submitted By: VICTOR STURDIVANT (REGULATOR)
Size :
Title: REVIEW OF BASEWIDE SUPPLEMENTAL GW INVESTIGATION
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6209514
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 4/3/1998
Submitted:
Submitted By: VICTOR STURDIVANT (REGULATOR)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Size :
Title: COMMENTS ON DRAFT OU2 ROD
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6209445
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 2/20/1998
Submitted:
Submitted By: VICTOR STURDIVANT (REGULATOR)
Size :
Title: DRAFT WORK PLAN & QPP, BASEWIDE RI/FS
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=DOD100283700&enforcement_id=6209408
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Cleanup Program Sites from GeoTracker Search - Cleanup Action Report(as of Jan 18, 2019)

Status: Completed - Case Closed
Date : 5/12/2004

Status: Open - Case Begin Date
Date : 9/18/1990

Status: Open
Date : 9/18/1990

14	1 of 1	WSW	0.30 / 1,585.74	1,541.77 / 26	Site Y -Camp Haan North End Decker Road / West of I-215 March Air Force Base CA	SWF/LF
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SWIS No: 33-CR-0059
Permit Status:
Operator Phone:
Operator Addr 1:
Operator Addr 2:
Operator City:
Operator State:
Operator Zip:
Operator:
Land Use Name:
File Description: SWIS Data File - Includes basic information on each facility in the database; SWIS GIS Data File is designed for inclusion into GIS software as a data table - Includes basic information on each facility in the database

Owner Information

Owner: US Dept. Veterans Affiars
Owner Phone: 9516538417
Owner Address1: National Cemetery Adm.
Owner Address2: 22495 Van Buren Blvd.
Owner City: Riverside
Owner State: CA
Owner Zip: 92518
Last Updated on: 3/17/2005 2:38:56 PM

Owner Information (GIS)

Site ID: 10571
Unit ID: 10844
Owner: US Dept. Veterans Affiars
Enfor Agent: County of Riverside
County ID: 33
Zip: 92570

Unit Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Unit No:	01				Throughput:	
WDR No:					Throughput Units:	
Regulatory Status:	Unpermitted				Capacity:	
Operational Status:	Closed				Capacity Units:	
Inspect Frequency:	Quarterly				Acreage:	
Category:	Disposal				Disposal Acreage:	
Closure Date:					Remaining Capacity:	
Closure Type:					Last Updated on:	3/17/2005
Activity:		Solid Waste Disposal Site				
Program Type:						
Accepted Waste:		Construction/demolition,Inert,Mixed municipal				

15 1 of 3 W 0.33 / 1,722.99 1,548.71 / 32 **CAMP HAAN (J09CA0279)
WEST AND NORTH OF THE
INTERSECTION OF NANDINA AVE
AND FWY 215
RIVERSIDE CA 92518** **HWSS
CLEANUP**

Estor/EPA ID:	71000062	Census Tract:	6065046700
Site Code:	401244	Funding:	DERA
Status Date:	2/16/2017	Office:	CLEANUP CYPRESS
Nat Priority List:	NO	Permit Renew Lead:	
Program Type:	STATE RESPONSE	Public Particip Spec:	
Cal Enviro Score:	96-100%	Project Manager:	STEPHEN NIOU
Acres:	76 ACRES	Supervisor:	ROBERT SENG
Assembly District:	61	County:	RIVERSIDE
Senate District:	31	Latitude:	33.8677987768632
School District:		Longitude:	-117.267679214477
APN:	NONE SPECIFIED		
Status:	ACTIVE		
Cleanup Status:	ACTIVE AS OF 2/16/2017		
Cleanup Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY;RWQCB 8 - SANTA ANA		
Site Type:	FUDS		
Special Program:	DSMOA		
Cause of Contamination:	FIRING RANGE - SMALL ARMS ETC...		
Potential Media Affected:	SOIL		
Summary URL:	http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71000062		
Potential Contaminants:	COPPER AND COMPOUNDS, EXPLOSIVES (UXO, MEC), LEAD		

COPPER AND COMPOUNDS, EXPLOSIVES (UXO, MEC), LEAD

Site History:

The former Camp Haan is located southeast of Riverside and west of Moreno Valley. It was developed in 11/1940 as a Coast Artillery Antiaircraft Replacement Training Center on property adjacent to March Army Air Field. Camp Haan was transferred to the United States Veterans Administration (USVA) to establish the Riverside National Cemetery in 1976. Site Y (the Site) encompasses approximately 76 acres, is located at the south end of the former Camp Haan. The Site consisted of a landfill at and near a former incinerator. The incinerator was used to burn waste generated during Camp Haan operations. Camp Haan was closed in 1946, the incinerator was demolished and buried under approximately 12 feet of soil. Site Y has received solid wastes including miscellaneous municipal wastes, ash from the incinerator, and construction debris. USVA has used the site for disposal of soil and vegetative wastes. The Army Corps of Engineers (ACE) has completed RI/FS for the Site and has submitted a RI/FS report. Chemicals of concern at Site Y include lead, cadmium, copper, and nickel. Because the hazardous wastes are buried deep, ACE concludes that the Site poses no health risks to human health. ACE proposes no further action (NFA) for Site Y. DTSC and the Water Board have provided comments and do not concur with the proposed NFA. ACE, DTSC, and Water Board are working together to resolve the comments. Future activities at this site will depend on the resolution of comments.

Future Activities

Area Name:	
Area Name URL:	
Sub Area:	
Sub Area URL:	
Document Type:	Record of Decision
Activity Type:	Future Activities
Due Date:	2021

Area Name:	
Area Name URL:	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Sub Area:						
Sub Area URL:						
Document Type:		Remedial Investigation / Feasibility Study				
Activity Type:		Future Activities				
Due Date:		2019				
Area Name:						
Area Name URL:						
Sub Area:						
Sub Area URL:						
Document Type:		Proposed Plan				
Activity Type:		Future Activities				
Due Date:		2020				
<u>Completed Activities</u>						
Area Name:						
Area URL:						
Sub Area:						
Sub Area URL:						
Title:		USACE INPR Summary J0CA746300 16 Aug 1999				
Title URL:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=5011397				
Document Type:		Inventory Project Report (INPR)				
Activity Type:		Completed Activities				
Date Completed:		8/16/1999				
Comments:						
Area Name:						
Area URL:						
Sub Area:						
Sub Area URL:						
Title:		USACE INPR Summary J0CA027900 17 Jan 1995				
Title URL:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=5010974				
Document Type:		Inventory Project Report (INPR)				
Activity Type:		Completed Activities				
Date Completed:		1/17/1995				
Comments:						
Area Name:						
Area URL:						
Sub Area:						
Sub Area URL:						
Title:		Site Specific Work Plan Addendum				
Title URL:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60194806				
Document Type:		Site Characterization Workplan				
Activity Type:		Completed Activities				
Date Completed:		6/22/2010				
Comments:						
Workplan approved, awaiting the final document.						
Area Name:						
Area URL:						
Sub Area:						
Sub Area URL:						
Title:		Additional RI Site Specific Work Plan				
Title URL:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=6022061				
Document Type:		Remedial Investigation Workplan				
Activity Type:		Completed Activities				
Date Completed:		12/15/2009				
Comments:						
a no-comment letter was sent to the Army for Additional RI workplan						
Area Name:						
Area URL:						
Sub Area:						
Sub Area URL:						
Title:		2010 annual groundwater monitoring report				
Title URL:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60265007				
Document Type:		Monitoring Report				
Activity Type:		Completed Activities				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Completed:		8/9/2011				
Comments:		Secondary document. No approval required.				
Area Name:						
Area URL:						
Sub Area:						
Sub Area URL:						
Title:		Quality Assurance Project Plan				
Title URL:						
Document Type:		Quality Assurance Workplan				
Activity Type:		Completed Activities				
Date Completed:		9/17/2009				
Comments:		QAPP accepted				
Area Name:						
Area URL:						
Sub Area:						
Sub Area URL:						
Title:		Technical Project Planning Memorandum				
Title URL:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60194789				
Document Type:		Other Report				
Activity Type:		Completed Activities				
Date Completed:		6/22/2010				
Comments:		Approval letter sent, awaiting final copy				
Area Name:						
Area URL:						
Sub Area:						
Sub Area URL:						
Title:		Site Inspection Report				
Title URL:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60273943				
Document Type:		Preliminary Assessment/Site Inspection Report (PA/SI)				
Activity Type:		Completed Activities				
Date Completed:		8/16/2011				
Comments:		DTSC comments incorporated into the Final SI report.				
Area Name:						
Area URL:						
Sub Area:						
Sub Area URL:						
Title:		Field Sampling Plan				
Title URL:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=6022064				
Document Type:		Remedial Investigation Workplan				
Activity Type:		Completed Activities				
Date Completed:		12/24/2009				
Comments:		sampling plan accepted				

[15](#)

2 of 3

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0.33 /
1,722.99

1,548.71 /
32

**CAMP HAAN (J09CA0279)
WEST AND NORTH OF THE
INTERSECTION OF NANDINA AVE
AND FWY 215
RIVERSIDE CA 92518**

ENVIROSTOR

Estor/EPA ID: 71000062
Site Code: 401244
Nat Priority List: NO
Acres: 76 ACRES
Special Program: DSMOA
Funding: DERA
Assembly District: 61
Senate District: 31
School District:

Permit Renewal Lead:
Project Manager: STEPHEN NIOU
Supervisor: ROBERT SENG
Public Partici Spclst:
Census Tract: 6065046700
County: RIVERSIDE
Latitude: 33.8677987768632
Longitude: -117.267679214477

APN: NONE SPECIFIED
Cleanup Status: ACTIVE AS OF 2/16/2017
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY;RWQCB 8 - SANTA ANA
Site Type: FUDS
Office: CLEANUP CYPRESS
Past Use that Caused Contam: FIRING RANGE - SMALL ARMS ETC...

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Potential Media Affected: SOIL
Potential Contaminant of Concern:

COPPER AND COMPOUNDS, EXPLOSIVES (UXO, MEC), LEAD

Site History:

The former Camp Haan is located southeast of Riverside and west of Moreno Valley. It was developed in 11/1940 as a Coast Artillery Antiaircraft Replacement Training Center on property adjacent to March Army Air Field. Camp Haan was transferred to the United States Veterans Administration (USVA) to establish the Riverside National Cemetery in 1976. Site Y (the Site) encompasses approximately 76 acres, is located at the south end of the former Camp Haan. The Site consisted of a landfill at and near a former incinerator. The incinerator was used to burn waste generated during Camp Haan operations. Camp Haan was closed in 1946, the incinerator was demolished and buried under approximately 12 feet of soil. Site Y has received solid wastes including miscellaneous municipal wastes, ash from the incinerator, and construction debris. USVA has used the site for disposal of soil and vegetative wastes. The Army Corps of Engineers (ACE) has completed RI/FS for the Site and has submitted a RI/FS report. Chemicals of concern at Site Y include lead, cadmium, copper, and nickel. Because the hazardous wastes are buried deep, ACE concludes that the Site poses no health risks to human health. ACE proposes no further action (NFA) for Site Y. DTSC and the Water Board have provided comments and do not concur with the proposed NFA. ACE, DTSC, and Water Board are working together to resolve the comments. Future activities at this site will depend on the resolution of comments.

Status: ACTIVE
Program Type: STATE RESPONSE
CalEnviroScreen Score: 96-100%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71000062

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Investigation / Feasibility Study
Due Date: 2019

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Record of Decision
Due Date: 2021

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Proposed Plan
Due Date: 2020

Completed Activities

Title: Additional RI Site Specific Work Plan
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=6022061
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Investigation Workplan
Date Completed: 12/15/2009
Comments: a no-comment letter was sent to the Army for Additional RI workplan

Title: USACE INPR Summary J0CA746300 16 Aug 1999
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=5011397
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Inventory Project Report (INPR)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Completed:		8/16/1999				
Comments:						
Title:		Site Specific Work Plan Addendum				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60194806				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Site Characterization Workplan				
Date Completed:		6/22/2010				
Comments:		Workplan approved, awaiting the final document.				
Title:		Site Inspection Report				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60273943				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Preliminary Assessment/Site Inspection Report (PA/SI)				
Date Completed:		8/16/2011				
Comments:		DTSC comments incorporated into the Final SI report.				
Title:		USACE INPR Summary J0CA027900 17 Jan 1995				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=5010974				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Inventory Project Report (INPR)				
Date Completed:		1/17/1995				
Comments:						
Title:		Technical Project Planning Memorandum				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60194789				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Other Report				
Date Completed:		6/22/2010				
Comments:		Approval letter sent, awaiting final copy				
Title:		Quality Assurance Project Plan				
Title Link:						
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Quality Assurance Workplan				
Date Completed:		9/17/2009				
Comments:		QAPP accepted				
Title:		Field Sampling Plan				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=6022064				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Remedial Investigation Workplan				
Date Completed:		12/24/2009				
Comments:		sampling plan accepted				
Title:		2010 annual groundwater monitoring report				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60265007				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Document Type: Monitoring Report
Date Completed: 8/9/2011
Comments: Secondary document. No approval required.

15	3 of 3	W	0.33 / 1,722.99	1,548.71 / 32	CAMP HAAN (J09CA0279) WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 215 RIVERSIDE CA 92518	RESPONSE
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Estor/EPA ID:	71000062	Permit Renewal Lead:	
Site Code:	401244	Project Manager:	STEPHEN NIOU
Nat Priority List:	NO	Supervisor:	ROBERT SENG
Acres:	76 ACRES	Public Partici Splst:	
Special Program:	DSMOA	Census Tract:	6065046700
Funding:	DERA	County:	RIVERSIDE
Assembly District:	61	Latitude:	33.8677987768632
Senate District:	31	Longitude:	-117.267679214477
School District:			
APN:	NONE SPECIFIED		
Cleanup Status:	ACTIVE AS OF 2/16/2017		
Cleanup Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY;RWQCB 8 - SANTA ANA		
Site Type:	FUDS		
Office:	CLEANUP CYPRESS		
Past Use that Caused Contam:	FIRING RANGE - SMALL ARMS ETC...		
Potential Media Affected:	SOIL		
Potential Contamin of Concern:			

COPPER AND COMPOUNDS, EXPLOSIVES (UXO, MEC), LEAD

Site History:

The former Camp Haan is located southeast of Riverside and west of Moreno Valley. It was developed in 11/1940 as a Coast Artillery Antiaircraft Replacement Training Center on property adjacent to March Army Air Field. Camp Haan was transferred to the United States Veterans Administration (USVA) to establish the Riverside National Cemetery in 1976. Site Y (the Site) encompasses approximately 76 acres, is located at the south end of the former Camp Haan. The Site consisted of a landfill at and near a former incinerator. The incinerator was used to burn waste generated during Camp Haan operations. Camp Haan was closed in 1946, the incinerator was demolished and buried under approximately 12 feet of soil. Site Y has received solid wastes including miscellaneous municipal wastes, ash from the incinerator, and construction debris. USVA has used the site for disposal of soil and vegetative wastes. The Army Corps of Engineers (ACE) has completed RI/FS for the Site and has submitted a RI/FS report. Chemicals of concern at Site Y include lead, cadmium, copper, and nickel. Because the hazardous wastes are buried deep, ACE concludes that the Site poses no health risks to human health. ACE proposes no further action (NFA) for Site Y. DTSC and the Water Board have provided comments and do not concur with the proposed NFA. ACE, DTSC, and Water Board are working together to resolve the comments. Future activities at this site will depend on the resolution of comments.

Status:	ACTIVE
Program Type:	STATE RESPONSE
CalEnviroScreen Score:	96-100%
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71000062

Future Activities

Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Remedial Investigation / Feasibility Study
Due Date:	2019

Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Proposed Plan
Due Date:	2020

Area Name:
Area Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Sub Area:						
Sub Area Link:						
Document Type:		Record of Decision				
Due Date:		2021				
<u>Completed Activities</u>						
Title:		2010 annual groundwater monitoring report				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60265007				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Monitoring Report				
Date Completed:		8/9/2011				
Comments:		Secondary document. No approval required.				
Title:		Site Specific Work Plan Addendum				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60194806				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Site Characterization Workplan				
Date Completed:		6/22/2010				
Comments:		Workplan approved, awaiting the final document.				
Title:		Additional RI Site Specific Work Plan				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=6022061				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Remedial Investigation Workplan				
Date Completed:		12/15/2009				
Comments:		a no-comment letter was sent to the Army for Additional RI workplan				
Title:		Technical Project Planning Memorandum				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60194789				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Other Report				
Date Completed:		6/22/2010				
Comments:		Approval letter sent, awaiting final copy				
Title:		USACE INPR Summary J0CA027900 17 Jan 1995				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=5010974				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Inventory Project Report (INPR)				
Date Completed:		1/17/1995				
Comments:						
Title:		Site Inspection Report				
Title Link:		http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=60273943				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Preliminary Assessment/Site Inspection Report (PA/SI)				
Date Completed:		8/16/2011				
Comments:		DTSC comments incorporated into the Final SI report.				
Title:		Quality Assurance Project Plan				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Quality Assurance Workplan
Date Completed: 9/17/2009
Comments: QAPP accepted

Title: USACE INPR Summary J0CA746300 16 Aug 1999
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=5011397
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Inventory Project Report (INPR)
Date Completed: 8/16/1999
Comments:

Title: Field Sampling Plan
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71000062&doc_id=6022064
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Investigation Workplan
Date Completed: 12/24/2009
Comments: sampling plan accepted

16	1 of 1	WSW	0.41 / 2,141.89	1,558.53 / 42	Camp Haan, Site Y - US Army Camp Haan (former), Site Y, Landfill at Riverside National Cemetery 22495 Van Buren Boulevard RIVERSIDE CA 92518	CLEANUP SITES
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Global ID: T0606545483
Status: Open - Site Assessment
Status Date: 2017-02-07 00:00:00
Site Code:
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download

Site Facility Type: Military Cleanup Site
County: Riverside
Latitude: 33.867021217
Longitude: -117.268806

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case Number:
Local Case Number: 71000062
Begin Date: 1992-12-01 00:00:00

CUF Case: NO
Case Worker: SN
File Location: All Files are on GeoTracker or in the Local Agency Database

Stop Method:
Lead Agency: SANTA ANA RWQCB (REGION 8)
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Potential COC: Dioxin / Furans, Copper, Lead, Nickel, Polynuclear aromatic hydrocarbons (PAHs)
Potential Media of Concern: Other Groundwater (uses other than drinking water), Soil
How Discovered: Other Means, Site Assessment/Site Investigation
How Discovered Description:
Stop Description:
Calwater Watershed Name: San Jacinto Valley - Perris - Perris Valley (802.11)
DWR GW Subbasin Name: San Jacinto (8-005)
Disadvantaged Community:
Site History:

Project referred to DTSC 11/25/2008

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Acitivity

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Type:		RESPONSE				
Date :		2018-07-17 00:00:00				
Action:		Correspondence				
Action Type:		RESPONSE				
Date :		2018-06-30 00:00:00				
Action:		Report				
Action Type:		RESPONSE				
Date :		2018-06-30 00:00:00				
Action:		Decision Documents				
Action Type:		RESPONSE				
Date :		2018-06-30 00:00:00				
Action:		Proposed Plan				
Action Type:		RESPONSE				
Date :		2018-06-30 00:00:00				
Action:		Work Plan				
Action Type:		RESPONSE				
Date :		2018-06-30 00:00:00				
Action:		Community Relations				
Action Type:		RESPONSE				
Date :		2018-06-30 00:00:00				
Action:		Meetings				
Action Type:		ENFORCEMENT				
Date :		2018-06-21 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		ENFORCEMENT				
Date :		2018-06-14 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		RESPONSE				
Date :		2017-02-07 00:00:00				
Action:		Remedial Investigation Report				
Action Type:		RESPONSE				
Date :		2015-06-05 00:00:00				
Action:		Monitoring Report - Annually				
Action Type:		RESPONSE				
Date :		2015-05-11 00:00:00				
Action:		Correspondence				
Action Type:		RESPONSE				
Date :		2015-05-07 00:00:00				
Action:		Monitoring Report - Semi-Annually				
Action Type:		ENFORCEMENT				
Date :		2015-04-24 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		RESPONSE				
Date :		2015-04-23 00:00:00				
Action:		Monitoring Report - Annually				
Action Type:		ENFORCEMENT				
Date :		2015-04-22 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		RESPONSE				
Date :		2014-05-07 00:00:00				
Action:		Email Correspondence				
Action Type:		ENFORCEMENT				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<i>Date :</i>						
<i>Action:</i>					2014-05-02 00:00:00 Technical Correspondence / Assistance / Other	
<i>Action Type:</i>					ENFORCEMENT	
<i>Date :</i>					2014-02-03 00:00:00	
<i>Action:</i>					Technical Correspondence / Assistance / Other	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2013-12-20 00:00:00	
<i>Action:</i>					Remedial Investigation Report	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2013-12-20 00:00:00	
<i>Action:</i>					Feasibility Study Report	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2013-10-31 00:00:00	
<i>Action:</i>					Monitoring Report - Annually	
<i>Action Type:</i>					ENFORCEMENT	
<i>Date :</i>					2010-11-19 00:00:00	
<i>Action:</i>					Technical Correspondence / Assistance / Other	
<i>Action Type:</i>					ENFORCEMENT	
<i>Date :</i>					2008-11-25 00:00:00	
<i>Action:</i>					Referral to Other State Agency	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2008-08-28 00:00:00	
<i>Action:</i>					Monitoring Report - Annually	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2008-08-27 00:00:00	
<i>Action:</i>					Other Workplan	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2008-08-26 00:00:00	
<i>Action:</i>					Other Workplan	
<i>Action Type:</i>					ENFORCEMENT	
<i>Date :</i>					2008-04-04 00:00:00	
<i>Action:</i>					Technical Correspondence / Assistance / Other	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2008-01-31 00:00:00	
<i>Action:</i>					Monitoring Report - Quarterly	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2008-01-30 00:00:00	
<i>Action:</i>					Monitoring Report - Quarterly	
<i>Action Type:</i>					ENFORCEMENT	
<i>Date :</i>					2008-01-10 00:00:00	
<i>Action:</i>					Technical Correspondence / Assistance / Other	
<i>Action Type:</i>					ENFORCEMENT	
<i>Date :</i>					2007-12-12 00:00:00	
<i>Action:</i>					Technical Correspondence / Assistance / Other	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2007-11-01 00:00:00	
<i>Action:</i>					Monitoring Report - Quarterly	
<i>Action Type:</i>					ENFORCEMENT	
<i>Date :</i>					2007-10-31 00:00:00	
<i>Action:</i>					Technical Correspondence / Assistance / Other	
<i>Action Type:</i>					RESPONSE	
<i>Date :</i>					2007-09-04 00:00:00	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		CAP/RAP - Feasibility Study Report				
Action Type:		ENFORCEMENT				
Date :		2007-07-02 00:00:00				
Action:		Technical Correspondence / Assistance / Other				
Action Type:		ENFORCEMENT				
Date :		2006-02-28 00:00:00				
Action:		File review				
Action Type:		Other				
Date :		1992-12-01 00:00:00				
Action:		Leak Reported				
Action Type:		Other				
Date :		1992-12-01 00:00:00				
Action:		Leak Discovery				
Action Type:		ENFORCEMENT				
Date :		1987-03-11 00:00:00				
Action:		Closure/No Further Action Letter				

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Site Assessment
Status Date:	2017-02-07 00:00:00
Status:	Open - Inactive
Status Date:	2015-12-08 00:00:00
Status:	Open - Remediation
Status Date:	2008-11-30 00:00:00
Status:	Open - Site Assessment
Status Date:	2008-11-26 00:00:00
Status:	Open - Site Assessment
Status Date:	2008-11-25 00:00:00
Status:	Open - Site Assessment
Status Date:	2004-11-15 00:00:00
Status:	Open - Case Begin Date
Status Date:	1992-12-01 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker	Address:	3737 MAIN STREET, SUITE 500
Contact Name:	PATRICIA HANNON	City:	RIVERSIDE
Phone Number:			
Organization Name:	SANTA ANA RWQCB (REGION 8)		
Email:	patricia.hannon@waterboards.ca.gov		

Cleanup Program Sites from GeoTracker Search - Regulatory Profile(as of Jan 18, 2019)

Project Status:		WDR Place Type:	
CUF Claim:		WDR File:	
CUF Priority Assign:		WDR Order:	
CUF Amount Paid:		File Location:	ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:			
Designated Beneficial Use:	MUN, AGR, IND, PROC		
Project Oversight Agencies:			
Report Link:	http://geotracker.waterboards.ca.gov/profile_report?global_id=T0606545483		
Cleanup Status Detail:	OPEN - SITE ASSESSMENT AS OF 2/7/2017		
Cleanup History Link:	http://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0606545483&tabname=regulatoryhistory		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Potential COC:					COPPER, DIOXIN / FURANS, LEAD, NICKEL, POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)	
Potential Media Of Concern:					OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL	
DWR GW Sub Basin:					San Jacinto (8-005)	
Calwater Watershed Name:					San Jacinto Valley - Perris - Perris Valley (802.11)	
Post Closure Site Management:						
Future Land Use:						
Cleanup Oversight Agencies:					DEPARTMENT OF TOXIC SUBSTANCES CONTROL (LEAD) - CASE #: 71000062 SANTA ANA RWQCB (REGION 8) (LEAD) CASEWORKER: PATRICIA HANNON	

Site History:

Project referred to DTSC 11/25/2008

Cleanup Program Sites from GeoTracker Search - Regulatory Activities(as of Jan 18, 2019)

Action Type:	Enforcement - Other
Action Date:	
Received Issue Date:	
Action:	Unknown
Doc Link:	
Title Description Comments:	
Action Type:	Other Regulatory Actions
Action Date:	6/21/2018
Received Issue Date:	6/21/2018
Action:	Technical Correspondence / Assistance / Other
Doc Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6361876&tempable=ENFORCEMENT
Title Description Comments:	

RESPONSE TO DRAFT FINAL DECISION DOCUMENT FOR SITE Y

Action Type:	Other Regulatory Actions
Action Date:	6/14/2018
Received Issue Date:	6/14/2018
Action:	Technical Correspondence / Assistance / Other
Doc Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6361470&tempable=ENFORCEMENT
Title Description Comments:	

RESPONSE TO REVISED REMEDIAL INVESTIGATION REPORT

Action Type:	Response Requested - Reports
Action Date:	2/7/2017
Received Issue Date:	2/7/2017
Action:	Remedial Investigation Report
Doc Link:	http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606545483&doc_id=5980076
Title Description Comments:	

revised Remedial Investigation Report

Action Type:	Response Requested - Reports
Action Date:	6/5/2015
Received Issue Date:	6/5/2015
Action:	Monitoring Report - Annually
Doc Link:	http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606545483&doc_id=5844069
Title Description Comments:	

2014 Annual Groundwater Sampling and Analysis Report - Reviewed Draft copy - sent sent email, two minor comments. Comments addressed in the final version

Action Type:	Response Requested - Other
Action Date:	5/11/2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Received Issue Date: 5/11/2015
Action: Correspondence
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606545483&doc_id=5843148
Title Description Comments:

Army Corps is discontinuing groundwater sampling program

Action Type: Response Requested - Reports
Action Date: 5/7/2015
Received Issue Date: 5/7/2015
Action: Monitoring Report - Semi-Annually
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606545483&doc_id=5843157
Title Description Comments:

May 2014, 30TH QUARTER - GW SAMPLING AND ANALYSIS REPORT, dated October 27, 2014

Action Type: Response Requested - Reports
Action Date: 5/7/2015
Received Issue Date: 5/7/2015
Action: Monitoring Report - Semi-Annually
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606545483&doc_id=5843159
Title Description Comments:

November 2014, 31TH QUARTER - GW SAMPLING AND ANALYSIS REPORT, dated April 23, 2015

Action Type: Other Regulatory Actions
Action Date: 4/24/2015
Received Issue Date: 4/24/2015
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6242679&template=ENFORCEMENT
Title Description Comments:

RESPONSE TO DRAFT NOVEMBER 2014 THIRTY-FIRST GROUNDWATER SAMPLING AND ANALYSIS REPORT

Action Type: Response Requested - Reports
Action Date: 4/23/2015
Received Issue Date: 4/23/2015
Action: Monitoring Report - Annually
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606545483&doc_id=5840334
Title Description Comments:

Camp Haan 2014 Annual Sampling Analysis Report - Sent email to Army Corps and consultant with comments on Figure 3 Groundwater Elevations and Table 8: Summary of Groundwater Analytical Results for PCDDs and PCDFs

Action Type: Other Regulatory Actions
Action Date: 4/22/2015
Received Issue Date: 4/22/2015
Action: Technical Correspondence / Assistance / Other
Doc Link:
Title Description Comments:

Call Army Corps and talked to the new project manager Lu Tan. Status update: Army Corps has discontinued GW monitoring at the Site and has put this project on hold. Army Corps is preparing a letter stating the situation and their position. We have not received responses to my comments on the revised Draft FS.

Action Type: Response Requested - Other
Action Date: 5/7/2014
Received Issue Date: 5/7/2014
Action: Email Correspondence
Doc Link: http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606545483&doc_id=5888720
Title Description Comments:

RI and FS, discussion on which regulatory agency will be taking the lead on landfill closure

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Type:		Other Regulatory Actions				
Action Date:		5/2/2014				
Received Issue Date:		5/2/2014				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6201960&template=ENFORCEMENT				
Title Description Comments:						
Comments on the Feasibility Study portion of the Revised draft final Remedial Investigation/Feasibility Study						
Action Type:		Other Regulatory Actions				
Action Date:		2/3/2014				
Received Issue Date:		2/3/2014				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6201783&template=ENFORCEMENT				
Title Description Comments:						
Email to Thomas Basham at Veteran's Administration providing him with information on the Order our Board adopted to regulate closed, inactive and abandoned landfills.						
Action Type:		Response Requested - Reports				
Action Date:		12/20/2013				
Received Issue Date:		12/20/2013				
Action:		Remedial Investigation Report				
Doc Link:						
Title Description Comments:						
Revised Draft Final Remedial Investigation Report, (Text, tables, figures, appendices A, B, F, K and J						
Action Type:		Response Requested - Reports				
Action Date:		12/20/2013				
Received Issue Date:		12/20/2013				
Action:		Remedial Investigation Report				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606545483&doc_id=5803229				
Title Description Comments:						
Revised Draft Final Remedial Investigation Report						
Action Type:		Response Requested - Reports				
Action Date:		12/20/2013				
Received Issue Date:		12/20/2013				
Action:		Feasibility Study Report				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0606545483&doc_id=5803228				
Title Description Comments:						
Revised Draft Final Feasibility Study Report						
Action Type:		Response Requested - Reports				
Action Date:		10/31/2013				
Received Issue Date:		10/31/2013				
Action:		Monitoring Report - Annually				
Doc Link:						
Title Description Comments:						
2012 Annual Groundwater Sampling and Analysis Report, dated October 21, 2013						
Action Type:		Other Regulatory Actions				
Action Date:		11/19/2010				
Received Issue Date:		11/19/2010				
Action:		Technical Correspondence / Assistance / Other				
Doc Link:		http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6070456&template=ENFORCEMENT				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Title Description Comments:

Memorandum to DTSC RPM, Review Comments on Draft Final Revised Remedial Investigation/Feasibility Study Report

Action Type: Referral to Other Agency
Action Date: 11/25/2008
Received Issue Date: 11/25/2008
Action: Referral to Other State Agency
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=5995926&template=ENFORCEMENT

Title Description Comments:

Referred project to DTSC due to very high concentrations of lead in soil.

Action Type: Response Requested - Reports
Action Date: 8/28/2008
Received Issue Date: 8/28/2008
Action: Monitoring Report - Annually
Doc Link:

Title Description Comments:

2007 Annual Groundwater Sampling and Analysis Report, Draft Final

Action Type: Response Requested - Workplans
Action Date: 8/27/2008
Received Issue Date: 8/27/2008
Action: Other Workplan
Doc Link:

Title Description Comments:

Groundwater Sampling WorkPlan, Draft Final

Action Type: Response Requested - Workplans
Action Date: 8/26/2008
Received Issue Date: 8/26/2008
Action: Other Workplan
Doc Link:

Title Description Comments:

Additional Remedial Investigation Site-Specific Work Plan, Draft Final

Action Type: Other Regulatory Actions
Action Date: 4/4/2008
Received Issue Date: 4/4/2008
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=5987709&template=ENFORCEMENT

Title Description Comments:

Approval of Request for Reduction in Groundwater Analysis and Sampling Effort Approved the reduction of the number of analytes measured in groundwater samples. PCBs, herbicides, pesticides organophosphorous compounds and collection of duplicate unfiltered water samples for metals analysis were removed from the list of analytes measured.

Action Type: Response Requested - Reports
Action Date: 1/31/2008
Received Issue Date: 1/31/2008
Action: Monitoring Report - Quarterly
Doc Link:

Title Description Comments:

July 2007 -- Tenth Quarterly Groundwater Sampling and Analysis Report

Action Type: Response Requested - Reports
Action Date: 1/30/2008

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Received Issue Date: 1/30/2008
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Final April 2007 -- Ninth Quarterly Groundwater Sampling and Analysis Report

Action Type: Other Regulatory Actions
Action Date: 1/10/2008
Received Issue Date: 1/10/2008
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=5987723&template=ENFORCEMENT

Title Description Comments:

Comments on Groundwater Monitoring Reports for Sampling and Analysis Events in April and July 2007

Action Type: Other Regulatory Actions
Action Date: 12/12/2007
Received Issue Date: 12/12/2007
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=5987726&template=ENFORCEMENT

Title Description Comments:

Comments on the Draft Final Remedial Investigation/ Feasibility Study, Appendix H: Human Health Risk Assessment

Action Type: Response Requested - Reports
Action Date: 11/1/2007
Received Issue Date: 11/1/2007
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Draft Final July 2007 -- Tenth Quarterly Groundwater Sampling and Analysis Report

Action Type: Other Regulatory Actions
Action Date: 10/31/2007
Received Issue Date: 10/31/2007
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=5926886&template=ENFORCEMENT

Title Description Comments:

Reviewed and commented on Draft Final Remedial Investigation/ Feasibility Study Report, received 9/4/2007. Many many comments. Document needs major revision. See 10/31/07 letter in Site Documents for comments.

Action Type: Response Requested - Reports
Action Date: 9/4/2007
Received Issue Date: 9/4/2007
Action: CAP/RAP - Feasibility Study Report
Doc Link:
Title Description Comments:

Draft Final Remedial Investigation/ Feasibility Study Report

Action Type: Other Regulatory Actions
Action Date: 7/2/2007
Received Issue Date: 7/2/2007
Action: Technical Correspondence / Assistance / Other
Doc Link:
Title Description Comments:

Reviewed and sent comments on Draft 2006 Annual Groundwater Sampling and Analysis Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Action Type: Other Regulatory Actions
Action Date: 2/28/2006
Received Issue Date: 2/28/2006
Action: File review
Doc Link:
Title Description Comments:

reviewed quarterly groundwater and soil gas monitoring reports

Action Type: Leak Action
Action Date: 12/1/1992
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 12/1/1992
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 3/11/1987
Received Issue Date: 3/11/1987
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6324720&template=ENFORCEMENT
Title Description Comments:

Underground Storage Tank Unauthorized Release (Leak)/Contamination Report, based on tightness testing of UST.

Cleanup Program Sites from GeoTracker Search - Documents(as of Jan 18, 2019)

Document Type: Site Documents
Document Date: 6/21/2018
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: RESPONSE TO DRAFT FINAL DECISION DOCUMENT FOR SITE Y
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6361876
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 6/14/2018
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: RESPONSE TO REVISED REMEDIAL INVESTIGATION REPORT
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6361470
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents
Document Date: 2/7/2017
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size :
Title: REVISED REMEDIAL INVESTIGATION REPORT
Title Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&document_id=5980076
Type: REMEDIAL INVESTIGATION REPORT

Document Type: Monitoring Reports
Document Date: 6/5/2015
Submitted:
Submitted By: PATRICIA HANNON (REGULATOR)
Size : 54 KB
Title: 2014 ANNUAL GROUNDWATER SAMPLING AND ANALYSIS REPORT - COMMENT ON THE DRAFT VERSION - REGULATOR RESPONSE
Title Link: http://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1199177622/CampHaan%5Fd2014AnnGWMrpt%5Fresponse%2Epdf
Type: MONITORING REPORT - ANNUALLY

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Document Type:	Monitoring Reports				Submitted:	
Document Date:	6/4/2015				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	87,816 KB					
Title:	2014 ANNUAL GW SAMPLING AND ANALYSIS REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3771110296/T0606545483.PDF					
Type:	MONITORING REPORT - ANNUALLY					
Document Type:	Site Documents				Submitted:	
Document Date:	5/11/2015				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :						
Title:	ARMY CORPS IS DISCONTINUING GROUNDWATER SAMPLING PROGRAM					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&document_id=5843148					
Type:	CORRESPONDENCE					
Document Type:	Site Documents				Submitted:	
Document Date:	4/24/2015				Submitted By:	TERRANCE HARKLESS (REGULATOR)
Size :						
Title:	RESPONSE TO DRAFT NOVEMBER 2014 THIRTY-FIRST GROUNDWATER SAMPLING AND ANALYSIS REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6242679					
Type:	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	4/23/2015				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	72,825 KB					
Title:	31TH QUARTER - GW SAMPLING AND ANALYSIS REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4931585729/T0606545483.PDF					
Type:	MONITORING REPORT - SEMI-ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	4/20/2015				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	80,829 KB					
Title:	CAMP HAAN 2014 ANNUAL SAMPLING ANALYSIS REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6928068697/T0606545483.PDF					
Type:	MONITORING REPORT - ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	10/27/2014				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	76,381 KB					
Title:	30TH QUARTER - GW SAMPLING AND ANALYSIS REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4689890265/T0606545483.PDF					
Type:	MONITORING REPORT - SEMI-ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/22/2014*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	55,414 KB					
Title:	29TH QUARTER - GW SAMPLING AND ANALYSIS REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7607673406/T0606545483.PDF					
Type:	MONITORING REPORT - SEMI-ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/22/2014*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	52,992 KB					
Title:	28TH QUARTER - GW SAMPLING AND ANALYSIS REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8024115860/T0606545483.PDF					
Type:	MONITORING REPORT - SEMI-ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/22/2014*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	36,931 KB					
Title:	28TH QUARTER - GW SAMPLING AND ANALYSIS REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8837241470/T0606545483.PDF					
Type:	MONITORING REPORT - SEMI-ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	8/6/2014*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	28,211 KB					
Title:	2013 ANNUAL GROUNDWATER SAMPLING AND ANALYSIS REPORT					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title Link: Type:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5413764297/T0606545483.PDF MONITORING REPORT - ANNUALLY	
Document Type: Document Date: Size : Title:	Site Documents 5/7/2014				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:					RI AND FS, DISCUSSION ON WHICH REGULATORY AGENCY WILL BE TAKING THE LEAD ON LANDFILL CLOSURE - REGULATOR RESPONSE http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&document_id=5888720 EMAIL CORRESPONDENCE	
Document Type: Document Date: Size : Title:	Site Documents 5/2/2014				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:					COMMENTS ON THE FEASIBILITY STUDY PORTION OF THE REVISED DRAFT FINAL REMEDIAL INVESTIGATION/FEASIBILITY STUDY http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6201960 TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	
Document Type: Document Date: Size : Title:	Site Documents 2/3/2014				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:					EMAIL TO THOMAS BASHAM AT VETERAN'S ADMINISTRATION PROVIDING HIM WITH INFORMATION ON THE ORDER OUR BOARD ADOPTED TO REGULATE CLOSED, INACTIVE AND ABANDONED LANDFILLS. http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6201783 TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	
Document Type: Document Date: Size : Title:	Site Documents 12/20/2013				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:					REVISED DRAFT FINAL FEASIBILITY STUDY REPORT http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&document_id=5803228 FEASIBILITY STUDY REPORT	
Document Type: Document Date: Size : Title:	Site Documents 12/20/2013				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Title Link: Type:					REVISED DRAFT FINAL REMEDIAL INVESTIGATION REPORT http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&document_id=5803229 REMEDIAL INVESTIGATION REPORT	
Document Type: Document Date: Size : Title:	Monitoring Reports 12/17/2013* 38,188 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title Link: Type:					DECEMBER 2013 - 29TH QUARTER - GW SAMPLING REPORT ANALYTICAL http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7777686834/T0606545483.PDF MONITORING REPORT - SEMI-ANNUALLY	
Document Type: Document Date: Size : Title:	Monitoring Reports 10/21/2013* 37,398 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title Link: Type:					2012 ANNUAL GROUNDWATER SAMPLING AND ANALYSIS REPORT http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9135866284/T0606545483.PDF MONITORING REPORT - ANNUALLY	
Document Type: Document Date: Size : Title:	Monitoring Reports 10/21/2013* 52,992 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title Link: Type:					27TH QUARTER - GW SAMPLING AND ANALYSIS REPORT http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4510276138/T0606545483.PDF MONITORING REPORT - SEMI-ANNUALLY	
Document Type: Document Date: Size : Title:	Monitoring Reports 10/21/2013* 70,988 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title Link: Type:					2012 ANNUAL GROUNDWATER SAMPLING AND ANALYSIS REPORT APPENDIX C http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1266272008/T0606545483.PDF MONITORING REPORT - ANNUALLY	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Type:	Monitoring Reports				Submitted:	
Document Date:	10/21/2013*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	80,935 KB					
Title:	2013 ANNUAL GROUNDWATER SAMPLING AND ANALYSIS REPORT APPENDIX C					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1628012955/T0606545483.PDF					
Type:	MONITORING REPORT - ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/3/2013*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	31,852 KB					
Title:	SEPTEMBER 2013 - 28TH QUARTER - GW SAMPLING REPORT ANALYTICAL					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5259911715/T0606545483.PDF					
Type:	MONITORING REPORT - SEMI-ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/2/2012				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	28,764 KB					
Title:	MAY 2011 24TH QUARTER GROUNDWATER MONITORING REPORT - 2 OF 2					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1017211198/T0606545483.PDF					
Type:	MONITORING REPORT - SEMI-ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/2/2012				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	6,707 KB					
Title:	MAY 2011 24TH QUARTER GROUNDWATER MONITORING REPORT - 1 OF 2					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3509336352/T0606545483.PDF					
Type:	MONITORING REPORT - SEMI-ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/2/2012				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	25,692 KB					
Title:	NOVEMBER 2010 23RD QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4561826586/T0606545483.PDF					
Type:	MONITORING REPORT - SEMI-ANNUALLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	11/1/2011*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	119 KB					
Title:	NOVEMBER 2011 - 25TH QUARTER - GW SAMPLING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4593812465/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	11/1/2011*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	119 KB					
Title:	25TH QUARTER - GW SAMPLING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8020226657/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	12/27/2010*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,846 KB					
Title:	JULY 2010 22ND QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5005689263/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	12/21/2010*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,550 KB					
Title:	FEBRUARY 2010 20TH QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9783097267/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	12/21/2010*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,463 KB					
Title:	OCTOBER 2009 19TH QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3889963805/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Type:	Monitoring Reports				Submitted:	
Document Date:	12/21/2010*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,486 KB					
Title:	APRIL 2010 21ST QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4974461376/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Site Documents				Submitted:	
Document Date:	11/19/2010				Submitted By:	(REGULATOR)
Size :						
Title:	MEMORANDUM TO DTSC RPM, REVIEW COMMENTS ON DRAFT FINAL REVISED REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6070456					
Type:	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/25/2010*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,163 KB					
Title:	JULY 2009 18TH QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3672822356/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/25/2010*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,306 KB					
Title:	JANUARY 2009 16TH QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9467447936/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/19/2010*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,743 KB					
Title:	APRIL 2008 13TH QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5439869701/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/19/2010*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,279 KB					
Title:	JULY 2008 14TH QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7434701502/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/19/2010*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,392 KB					
Title:	OCTOBER 2008 15TH QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3480012297/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/28/2009*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,444 KB					
Title:	MAY 2009 17TH QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7562897682/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/13/2009*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	8,259 KB					
Title:	JANUARY 2008 12TH QUARTER GROUNDWATER MONITORING REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2712983131/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/11/2009*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	10,246 KB					
Title:	OCTOBER 2007 11TH QUARTER GROUNDWATER MONITORING REPORT					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title Link: Type:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8525782287/T0606545483.PDF MONITORING REPORT - QUARTERLY	
Document Type: Document Date: Size : Title: Title Link: Type:	Site Documents 11/25/2008				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Document Type: Document Date: Size : Title: Title Link: Type:	Site Documents 4/4/2008				Submitted: Submitted By: PATRICIA HANNON (REGULATOR)	
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 10,003 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 11,338 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 8,969 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 14,751 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 9,164 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 13,943 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 13,022 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Document Type: Document Date: Size :	Monitoring Reports 2/15/2008* 6,448 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:					JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART G	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1047854363/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,273 KB					
Title:					JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART L	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8023512899/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	10,015 KB					
Title:					JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART Q	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2034413218/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	10,597 KB					
Title:					APRIL 2007 9TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART D	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4151341319/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,880 KB					
Title:					JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART J	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4026840686/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,165 KB					
Title:					APRIL 2007 9TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART E	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3965849936/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	11,860 KB					
Title:					APRIL 2007 9TH QUARTER GROUNDWATER MONITORING REPORT, TEXT TABLES FIGURES APPENDICES A C	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9461733758/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,778 KB					
Title:					JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART A	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2342757284/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	10,306 KB					
Title:					JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART M	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1994353353/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	11,697 KB					
Title:					JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, TEXT FIGURES TABLES APPENDICES A C	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6559008538/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 14,006 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	APRIL 2007 9TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART A http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9253542840/T0606545483.PDF MONITORING REPORT - QUARTERLY					
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 12,342 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART C http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5155486881/T0606545483.PDF MONITORING REPORT - QUARTERLY					
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 8,269 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART H http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5422926187/T0606545483.PDF MONITORING REPORT - QUARTERLY					
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 13,193 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART E http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7112059652/T0606545483.PDF MONITORING REPORT - QUARTERLY					
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 11,954 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART R http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2062743246/T0606545483.PDF MONITORING REPORT - QUARTERLY					
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 6,037 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART S END http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6496368229/T0606545483.PDF MONITORING REPORT - QUARTERLY					
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 14,161 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	APRIL 2007 9TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART H http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2265826165/T0606545483.PDF MONITORING REPORT - QUARTERLY					
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 11,016 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	APRIL 2007 9TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART I http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1136198282/T0606545483.PDF MONITORING REPORT - QUARTERLY					
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 13,548 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	APRIL 2007 9TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART J http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7630339682/T0606545483.PDF MONITORING REPORT - QUARTERLY					
Document Type: Document Date: Size : Title: Title Link: Type:	Monitoring Reports 2/15/2008* 9,962 KB				Submitted: Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Title: Title Link: Type:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART B http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8043700277/T0606545483.PDF MONITORING REPORT - QUARTERLY					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	10,512 KB					
Title:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART D					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7489125132/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,844 KB					
Title:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART O					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5179949700/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,585 KB					
Title:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART I					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4475575327/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	13,581 KB					
Title:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART K					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9395293295/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/15/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,927 KB					
Title:	JULY 2007 10TH QUARTER GROUNDWATER MONITORING REPORT, LAB REPORT PART P					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7659825205/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,911 KB					
Title:	APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART L					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1118166863/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,266 KB					
Title:	JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART B					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8524998545/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,107 KB					
Title:	JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART I					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7873152017/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,412 KB					
Title:	JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART A					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2788899302/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,135 KB					
Title:	APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART I					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4542921304/T0606545483.PDF					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:		MONITORING REPORT - QUARTERLY				
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	8,975 KB					
Title:	APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART F					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5074618279/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
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Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,059 KB					
Title:	APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART G					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8471852183/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	13,441 KB					
Title:	JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART F					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1802327036/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,976 KB					
Title:	JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART D					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1478973865/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	13,370 KB					
Title:	JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART E					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5613216578/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,966 KB					
Title:	APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART A					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2981984019/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	9,353 KB					
Title:	APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART C					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8013447642/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,201 KB					
Title:	APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART B					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8796630680/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	11,789 KB					
Title:	APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART K					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6303576409/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	9,407 KB					
Title:	APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART N					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1808232188/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	11,848 KB					
Title:					JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART G	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8271351695/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	13,460 KB					
Title:					JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART J END	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8400618612/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,270 KB					
Title:					APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART E	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8484801352/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	6,045 KB					
Title:					APRIL 2006 6TH GROUNDWATER MONITORING REPORT, TEXT TABLES FIGURES APPENDICES A C	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4998812615/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	13,331 KB					
Title:					APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART D	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1268569052/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	4,020 KB					
Title:					JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, TEXT TABLES FIGURES APPENDICES A C	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4415190756/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	11,837 KB					
Title:					APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART H	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3437544882/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	11,890 KB					
Title:					APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART J	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6795201182/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	13,822 KB					
Title:					APRIL 2006 6TH GROUNDWATER MONITORING REPORT, LAB REPORT PART M	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9464617669/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/14/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Size :	12,919 KB					
Title:	JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART C					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8135409295/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports			Submitted:		
Document Date:	2/14/2008*			Submitted By:	LORRAINA VALENCIA (CONTRACTOR)	
Size :	12,434 KB					
Title:	JULY 2006 7TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART H					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6474729776/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports			Submitted:		
Document Date:	2/13/2008*			Submitted By:	LORRAINA VALENCIA (CONTRACTOR)	
Size :	14,108 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART C					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3914462029/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports			Submitted:		
Document Date:	2/13/2008*			Submitted By:	LORRAINA VALENCIA (CONTRACTOR)	
Size :	12,589 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART D					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6175200521/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports			Submitted:		
Document Date:	2/13/2008*			Submitted By:	LORRAINA VALENCIA (CONTRACTOR)	
Size :	7,136 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART J					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1032872080/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports			Submitted:		
Document Date:	2/13/2008*			Submitted By:	LORRAINA VALENCIA (CONTRACTOR)	
Size :	8,928 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART K					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9924120843/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports			Submitted:		
Document Date:	2/13/2008*			Submitted By:	LORRAINA VALENCIA (CONTRACTOR)	
Size :	14,270 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART B					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8952229380/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports			Submitted:		
Document Date:	2/13/2008*			Submitted By:	LORRAINA VALENCIA (CONTRACTOR)	
Size :	11,258 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART E					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9929202020/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports			Submitted:		
Document Date:	2/13/2008*			Submitted By:	LORRAINA VALENCIA (CONTRACTOR)	
Size :	9,544 KB					
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Type:	MONITORING REPORT - QUARTERLY					
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Size :	5,376 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, TEXT TABLES FIGURES APPENDIX A C					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7658354818/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Size :	10,631 KB					
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Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1257720053/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/13/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	13,632 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART H					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6312489390/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/13/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	9,741 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART L					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8144596934/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/13/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	7,233 KB					
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Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9742477893/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/13/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,172 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART F					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2045124888/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	2/13/2008*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	8,316 KB					
Title:	JANUARY 2006 5TH QUARTERLY GROUNDWATER MONITORING REPORT, LAB REPORT PART M					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5964922845/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Site Documents				Submitted:	
Document Date:	1/10/2008				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :						
Title:	COMMENTS ON GROUNDWATER MONITORING REPORTS FOR SAMPLING AND ANALYSIS EVENTS IN APRIL AND JULY 2007					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=5987723					
Type:	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER					
Document Type:	Site Documents				Submitted:	
Document Date:	12/12/2007				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :						
Title:	COMMENTS ON THE DRAFT FINAL REMEDIAL INVESTIGATION/ FEASIBILITY STUDY, APPENDIX H: HUMAN HEALTH RISK ASSESSMENT					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=5987726					
Type:	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER					
Document Type:	Site Documents				Submitted:	
Document Date:	10/31/2007				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :						
Title:	REVIEWED AND COMMENTED ON DRAFT FINAL REMEDIAL INVESTIGATION/ FEASIBILITY STUDY REPORT, RECEIVED 9/4/2007.					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=5926886					
Type:	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER					
Document Type:	Site Documents				Submitted:	
Document Date:	7/16/2007				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :	96 KB					

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Title:					RESPONSE TO DRAFT 2006 ANNUAL GROUNDWATER SAMPLING AND ANALYSIS REPORT	
Title Link:					http://geotracker.waterboards.ca.gov/site_documents/1974003434/ch%5Fd2006AnnGWsampNanalRpt%2Epdf	
Type:					LETTER	
Document Type:	Site Documents				Submitted:	
Document Date:	11/20/2006				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :	107 KB					
Title:					RESPONSE TO REQUEST FOR PRELIMINARY APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS) LIST	
Title Link:					http://geotracker.waterboards.ca.gov/site_documents/8938099503/ch%5FARARlist%2Epdf	
Type:					LETTER	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/6/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	5,814 KB					
Title:					APRIL 2005 2ND QUARTERLY GROUNDWATER AND ANALYSIS REPORT (APPENDIX C PART 2)	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1860018670/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/6/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	10,149 KB					
Title:					APRIL 2005 2ND QUARTERLY GROUNDWATER AND ANALYSIS REPORT (APPENDIX C PART 3)	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9406509220/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/6/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	10,815 KB					
Title:					REVISED FINAL: WELL REDEVELOPMENT AND JANUARY 2005 QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS REPORT (PART 1)	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7935499429/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/6/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	9,511 KB					
Title:					JULY 2005 THIRD QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS REPORT	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2327743351/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/6/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	440 KB					
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Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4886655509/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/6/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	8,447 KB					
Title:					OCTOBER 2005 FOURTH QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS REPORT	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1152361810/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/6/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,222 KB					
Title:					REVISED FINAL: WELL REDEVELOPMENT AND JANUARY 2005 QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS REPORT (PART 2)	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2846178948/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	
Document Type:	Monitoring Reports				Submitted:	
Document Date:	9/6/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	4,394 KB					
Title:					APRIL 2005 2ND QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS REPORT	
Title Link:					http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7140363931/T0606545483.PDF	
Type:					MONITORING REPORT - QUARTERLY	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Type:	Monitoring Reports				Submitted:	
Document Date:	4/25/2006*				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,585 KB					
Title:	JANUARY 2005 QUARTERLY GROUNDWATER REPORT APPENDIX E-5					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8782682120/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	4/19/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	9,021 KB					
Title:	JANUARY 2005 QUARTERLY GROUNDWATER REPORT					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6849304020/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	4/19/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	12,726 KB					
Title:	JANUARY 2005 QUARTERLY GROUNDWATER REPORT APPENDIX E-4					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2129499137/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	4/19/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	2,466 KB					
Title:	JANUARY 2005 QUARTERLY GROUNDWATER REPORT APPENDIX E-6					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5735074698/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	4/19/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	11,349 KB					
Title:	JANUARY 2005 QUARTERLY GROUNDWATER REPORT APPENDIX E-3					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7892927408/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	4/19/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	10,598 KB					
Title:	JANUARY 2005 QUARTERLY GROUNDWATER REPORT APPENDIX E-2					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4967680215/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Monitoring Reports				Submitted:	
Document Date:	4/19/2006				Submitted By:	LORRAINA VALENCIA (CONTRACTOR)
Size :	14,445 KB					
Title:	JANUARY 2005 QUARTERLY GROUNDWATER REPORT APPENDIX E-1					
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5606200993/T0606545483.PDF					
Type:	MONITORING REPORT - QUARTERLY					
Document Type:	Site Documents				Submitted:	
Document Date:	7/8/2005				Submitted By:	PATRICIA HANNON (REGULATOR)
Size :	53 KB					
Title:	COMMENTS ON DRAFT WELL REDEVELOPMENT AND JANUARY 2005 QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS REPORT, DATE APRIL 2005					
Title Link:	http://geotracker.waterboards.ca.gov/site_documents/7044743180/ch%5Fdjan2005GWsmp%2Epdf					
Type:	LETTER					
Document Type:	Site Documents				Submitted:	
Document Date:	3/11/1987				Submitted By:	SANGAVI PARI (REGULATOR)
Size :						
Title:	UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK)/CONTAMINATION REPORT, BASED ON TIGHTNESS TESTING OF UST.					
Title Link:	http://geotracker.waterboards.ca.gov/view_documents?global_id=T0606545483&enforcement_id=6324720					
Type:	CLOSURE/NO FURTHER ACTION LETTER					

Cleanup Program Sites from GeoTracker Search - Site Maps(as of Jan 18, 2019)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title:	GEO_MAP				Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Size :	723 KB				Submitted: 4/19/2006	
Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7782887101/T0606545483.pdf					
Title:	GEO_BORE (MW-1)				Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Size :	369 KB				Submitted: 5/9/2006	
Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8763730704/T0606545483.pdf					
Title:	GEO_MAP				Submitted By: LORRAINA VALENCIA (CONTRACTOR)	
Size :	723 KB				Submitted: 4/19/2006	
Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8733930826/T0606545483.pdf					

Cleanup Program Sites from GeoTracker Search - Cleanup Action Report(as of Jan 18, 2019)

Status:	Open - Site Assessment
Date :	2/7/2017
Status:	Open - Inactive
Date :	12/8/2015
Status:	Open - Remediation
Date :	11/30/2008
Status:	Open - Site Assessment
Date :	11/26/2008
Status:	Open - Site Assessment
Date :	11/25/2008
Status:	Open - Site Assessment
Date :	11/15/2004
Status:	Open - Case Begin Date
Date :	12/1/1992

[17](#) 1 of 1 W 0.54 / 2,825.22 1,569.86 / 54 CAMP HAAN RIVERSIDE CA FUDS

FUDS No:	J09CA0279	State Code:	06
FF ID:	CA9799F5400	County Code:	065
INST ID:	61045	County:	Riverside
FID:	871	Lat Degree:	33
NPL Status:	Not Listed	Lat Minutes:	0
EPA Region:	09	Lat Seconds:	0
FY:	2012	Lat Direction:	N
Acreage:	7822.38	Long Degree:	-11
CTC:	19358.9	Long Minutes:	0
RAB:		Long Seconds:	0
CONG DIST:	44	Long Direction:	E
Corps Dist:	Los Angeles District (SPL)	Latitude:	33.87055556
Phone:	213-452-3920	Longitude:	-117.27194444
Current Owner:	Other Federal Government		
Current Prgm:	Continued work on Remedial Investigation Feasability Study phase.n/a **Note: Many records provided by the department have a truncated Current Program field		
Fut Prgm:	Finish Remedial Investigation Feasability Study phase.n/a **Note: Many records provided by the department have a truncated Future Program field		
Desc:	LOCATED SOUTHEAST OF RIVERSIDE AND MORENO VALLEY **Note: Many records provided by the department have a truncated Description field		
History:	CAMP HAAN WAS PRIMARILY USED AS COAST ARTILLERY ANTI-AIRCRAFT TRAINING CENTER. ALSO USED AS A SEPARATION POINT FOR WARTIME SOLDIERS, AND A POW CAMP **Note: Many records provided by the department have a truncated History field		

[18](#) 1 of 1 SE 0.85 / 4,506.14 1,480.53 / -36 MARCH AIR FORCE BASE 22 CSG/CC SUPERFUND ROD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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RIVERSIDE CA 92518

EPA ID: CA4570024527
Site ID: 0902761
NPL Status: Final
Non NPL Status:
County: RIVERSIDE
Region: 09
Data Source(s): U.S. EPA SUPERFUND PROGRAM - Source: SEMS Superfund Public User Database - FOIA-002 Records of Decision (RODS), ROD Amendments, and Explanation of Significant Differences (ESDs); Searchable Superfund Decision Documents database (<https://www.epa.gov/superfund/search-superfund-documents>), made available by the US Environmental Protection Agency (EPA). Retrieved on May 8, 2019.

Document Information

Doc ID: 1165044
Date: 02/16/2017
Pub No:
Description:
PDF Link: <https://semspub.epa.gov/src/document/09/1165044>
Title: Final OU 2 record of decision (ROD) amendment for WP019 - W March sludge drying beds, w/appendices A-C & TL to C Brown, S Niou & P Hannon fr J Ebert, 10/6/16(177 pp, 12.04 MB)

Doc ID: 2012881
Date: 05/11/2004
Pub No:
Description:
PDF Link: <https://semspub.epa.gov/src/document/09/2012881>
Title: Record of Decision (ROD) w/TL fr P Mook 4/29/04 (02 ROD 004)(202 pp, 10.98 MB)

Doc ID: 90559
Date: 08/24/2000
Pub No:
Description:
PDF Link: <https://semspub.epa.gov/src/document/09/90559>
Title: Explanation of significant differences (ESD) re OU 1 ROD remedy for sites 10 & 15(8 pp, 307.04 KB)

Doc ID: 88194080
Date: 06/20/1996
Pub No:
Description:
PDF Link: <https://semspub.epa.gov/src/document/09/88194080>
Title: Record of decision (ROD), OU 1, with appendices A-C (includes administrative record index) (OU2, ROD signature)(165 pp, 10.85 MB)

Action Information

Seq ID: 1
Action Name: FF ROD Amendment
Operable Unit Name: EAST MARCH - SOILS/GW
Actual Comp Date: 08/01/2017

Seq ID: 3
Action Name: FF ROD Amendment
Operable Unit Name: WEST MARCH - SOILS/GW
Actual Comp Date: 12/12/2016

Seq ID: 5
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: WEST MARCH - SOILS/GW
Actual Comp Date: 09/30/2005

Seq ID: 3
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: BASEWIDE
Actual Comp Date: 09/29/2005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Seq ID:		4				
Action Name:		FF ROD (RCRA Statement of Basis/RTC)				
Operable Unit Name:		WEST MARCH - SOILS/GW				
Actual Comp Date:		05/11/2004				
Seq ID:		7				
Action Name:		FF ROD (RCRA Statement of Basis/RTC)				
Operable Unit Name:		WEST MARCH - SOILS/GW				
Actual Comp Date:		04/01/2004				
Seq ID:		1				
Action Name:		FF ESD				
Operable Unit Name:		EAST MARCH - SOILS/GW				
Actual Comp Date:		08/24/2000				
Seq ID:		1				
Action Name:		FF ROD (RCRA Statement of Basis/RTC)				
Operable Unit Name:		EAST MARCH - SOILS/GW				
Actual Comp Date:		06/20/1996				

[19](#) 1 of 1 **W** **0.87 / 4,598.22** **1,606.61 / 90** **MARCH AFB (1.25 MILES SOUTH OF) ALESSANDRO CA** **ENVIROSTOR**

Estor/EPA ID:	80001157	Permit Renewal Lead:	
Site Code:		Project Manager:	
Nat Priority List:	NO	Supervisor:	DOUGLAS BAUTISTA
Acres:	NONE SPECIFIED	Public Partici Spclst:	
Special Program:		Census Tract:	6065046700
Funding:	DERA	County:	RIVERSIDE
Assembly District:	61	Latitude:	33.8708333333333
Senate District:	31	Longitude:	-117.277777777778
School District:			
APN:	NONE SPECIFIED		
Cleanup Status:	INACTIVE - NEEDS EVALUATION AS OF 7/1/2005		
Cleanup Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY		
Site Type:	FUDS		
Office:	CLEANUP CYPRESS		
Past Use that Caused Contam:	NONE SPECIFIED		
Potential Media Affected:	NONE SPECIFIED		
Potential Contamin of Concern:			

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
Program Type: MILITARY EVALUATION
CalEnviroScreen Score: 96-100%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80001157

[20](#) 1 of 2 **N** **0.91 / 4,812.88** **1,520.52 / 4** **MARCH AIR FORCE BASE - SITE 40 7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518** **ENVIROSTOR**

Estor/EPA ID:	33970003	Permit Renewal Lead:	
Site Code:		Project Manager:	
Nat Priority List:	NO	Supervisor:	
Acres:	18 ACRES	Public Partici Spclst:	
Special Program:		Census Tract:	6065046700
Funding:	* DEFENSE ENVIRONMENTAL RESTORATION PROGRAM (DERP)	County:	RIVERSIDE
Assembly District:	61	Latitude:	33.8833333333333
Senate District:	31	Longitude:	-117.263055555556

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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School District:

APN: NONE SPECIFIED
Cleanup Status: CERTIFIED AS OF 10/4/1995
Cleanup Oversight Agencies: US EPA - LEAD AGENCY
Site Type: CLOSED BASE
Office: CLEANUP CYPRESS
Past Use that Caused Contam: LANDFILL - DOMESTIC
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL
Potential Contaminant of Concern:

ASBESTOS AND NATURALLY OCCURRING ASBESTOS (NOA)

Site History:

Site 40 is a former landfill used for disposing wastes from March AFB. Site 40 is approximately 18 acres of rolling land and the central portion of the property consists of a pond which accumulates surface runoff. Buried drums at this landfill were filled with sodium hydroxide, roofing tar, asphalt solids and waste, and oil and grease. There is potential contamination of the surface and storm water due to exposure to the drums and debris. March AFB was included on the NPL in 1989. A Federal Facilities Agreement (FFA) was signed between EPA, DHS, the Santa Ana RWQCB and the Air Force in September 1990, to provide for the remediation of the Base. For details on other efforts at March AFB refer to March AFB site IDNUM 33970002.

Status: CERTIFIED
Program Type: STATE RESPONSE
CalEnviroScreen Score: 96-100%
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33970003

Completed Activities

Title: Removal Action Completion Report
Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=33970003&doc_id=5001757
Area Name:
Area Link:
Sub Area: STE40
Sub Area Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33970003&site_id=2003650
Document Type: Removal Action Completion Report
Date Completed: 6/28/1995
Comments: Removal Action (RA) - The primary objective of this time-critical RA was to prevent potential contamination of the surface and storm water in the channel due to exposure to drums and debris buried in the channel bed. Field execution of the RA resulted in removing approximately 70 5-gallon to 20-gallon decomposed drums filled with sodium hydroxide and 30 55-gallon drums filled with roofing tar, asphalt solids and waste, and oil grease solids. Approximately 200 cubic yards of contaminated overburden material extending above and to the sides of the drums, in addition to the drums, were combined in 85-gallon overpack drums and transported off-site for treatment/stabilization in lined end-dumps at the Landlaw Environmental. Approximately 14 tons of debris containing non-friable asbestos as less than 10% by total weight were placed in a lined roll-off box and transported off-site to BDC Services, Inc. for disposal. In addition, approximately 6,800 cubic yards of non-hazardous materials (consisting of soil and debris) were transported to IRP Site 6a. As part of Site 40 restoration, the water's elevation in the pond was raised by installing a concrete weir at the outlet of the pond. Each site location, including the creek bed, was restored. Vegetation destroyed during construction was replaced with California native plants. This RA, at Site 40, is undertaken as part of the ongoing long-term remedial actions (RI/FS OU-2). 100 drums, 200 cubic yards of contaminated soil, 14 tons of non-friable asbestos debris, and 6,800 cubic yards of non-hazardous materials were removed.

Title: Feasibility Study Report
Title Link:
Area Name:
Area Link:
Sub Area: STE40
Sub Area Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33970003&site_id=2003650
Document Type: Feasibility Study Report
Date Completed: 10/13/1994
Comments: RI/FS - This RI/FS was completed via an EECA for Site 40 which DTSC approved on October 13, 1994. Site 40 is a former landfill used for disposing military wastes. It is approximately 18 acres and the central portion of the property consists of a pond which accumulates surface runoff. There are drums buried at this landfill that appear to contain a mixture of chemicals, clothing, and domestic refuse. The Air Force will: 1) excavate buried drums and other solid waste from the creek bed to prepare subgrade for the liner. Containerized waste will be segregated, sampled and characterized for disposal, 2) construct a new channel, 3) raise the water level in the pond by constructing a weir, 4) trench at three areas outside of the original excavation area which responded positively during the magnetometer survey, 5) engineer the drainage inlet and outlet to limit contact between the water in the pond and the remaining contaminants, if any. Approximate cost = not available; funding = BRAC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title: Certification Title Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=33970003&enforcement_id=5001756 Area Name: Area Link: Sub Area: STE40 Sub Area Link: http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33970003&site_id=2003650 Document Type: Certification Date Completed: 10/4/1995 Comments:						

20	2 of 2	N	0.91 / 4,812.88	1,520.52 / 4	MARCH AIR FORCE BASE - SITE 40 7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE CA 92518	RESPONSE
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Estor/EPA ID:	33970003	Permit Renewal Lead:	
Site Code:		Project Manager:	
Nat Priority List:	NO	Supervisor:	
Acres:	18 ACRES	Public Partici Spclst:	
Special Program:		Census Tract:	6065046700
Funding:	* DEFENSE ENVIRONMENTAL RESTORATION PROGRAM (DERP)	County:	RIVERSIDE
Assembly District:	61	Latitude:	33.8833333333333
Senate District:	31	Longitude:	-117.263055555556
School District:			
APN:	NONE SPECIFIED		
Cleanup Status:	CERTIFIED AS OF 10/4/1995		
Cleanup Oversight Agencies:	US EPA - LEAD AGENCY		
Site Type:	CLOSED BASE		
Office:	CLEANUP CYPRESS		
Past Use that Caused Contam:	LANDFILL - DOMESTIC		
Potential Media Affected:	OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL		
Potential Contamin of Concern:			

ASBESTOS AND NATURALLY OCCURRING ASBESTOS (NOA)

Site History:

Site 40 is a former landfill used for disposing wastes from March AFB. Site 40 is approximately 18 acres of rolling land and the central portion of the property consists of a pond which accumulates surface runoff. Buried drums at this landfill were filled with sodium hydroxide, roofing tar, asphalt solids and waste, and oil and grease. There is potential contamination of the surface and storm water due to exposure to the drums and debris. March AFB was included on the NPL in 1989. A Federal Facilities Agreement (FFA) was signed between EPA, DHS, the Santa Ana RWQCB and the Air Force in September 1990, to provide for the remediation of the Base. For details on other efforts at March AFB refer to March AFB site IDNUM 33970002.

Status:	CERTIFIED
Program Type:	STATE RESPONSE
CalEnviroScreen Score:	96-100%
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33970003

Completed Activities

Title:	Removal Action Completion Report
Title Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=33970003&doc_id=5001757
Area Name:	
Area Link:	
Sub Area:	STE40
Sub Area Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33970003&site_id=2003650
Document Type:	Removal Action Completion Report
Date Completed:	6/28/1995
Comments:	Removal Action (RA) - The primary objective of this time- critical RA was to prevent potential contamination of the surface and storm water in the channel due to exposure to drums and debris buried in the channel bed. Field execution of the RA resulted in removing approximately 70 5-gallon to 20-gallon decomposed drums filled with sodium hydroxide and 30 55 gallon drums filled with roofing tar, asphalt solids and waste, and oil grease solids. Approximately 200 cubic yards of contaminated overburden material extending above and to the sides of the drums, in addition to the drums, were combined in 85 gallon overpack drums and transported off site for

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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treatment/stabilization in lined end-dumps at the Landlaw Environmental. Approximately 14 tons of debris containing non-friable asbestos as less than 10% by total weight were placed in a lined roll-off box and transported off-site to BDC Services, Inc. for disposal. In addition, approximately 6,800 cubic yards of non hazardous materials (consisting of soil and debris) were transported to IRP Site 6a. As part of Site 40 restoration, the water's elevation in the pond was raised by installing a concrete weir at the outlet of the pond. Each site location, including the creek bed, was restored. Vegetation destroyed during construction was replaced with California native plants. This RA, at Site 40, is undertaken as part of the ongoing long term remedial actions (RI/FS OU-2). 100 drums, 200 cubic yards of contaminated soil, 14 tons of non-friable asbestos debris, and 6,800 cubic yards of non-hazardous materials were removed.

Title: Feasibility Study Report

Title Link:

Area Name:

Area Link:

Sub Area:

STE40

Sub Area Link:

http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33970003&site_id=2003650

Document Type:

Feasibility Study Report

Date Completed:

10/13/1994

Comments:

RI/FS - This RI/FS was completed via an EECA for Site 40 which DTSC approved on October 13, 1994. Site 40 is a former landfill used for disposing military wastes. It is approximately 18 acres and the central portion of the property consists of a pond which accumulates surface run-off. There are drums buried at this landfill that appear to contain a mixture of chemicals, clothing, and domestic refuse. The Air Force will: 1) excavate buried drums and other solid waste from the creek bed to prepare subgrade for the liner. Containerized waste will be segregated, sampled and characterized for disposal, 2) construct a new channel, 3) raise the water level in the pond by constructing a weir, 4) trench at three areas outside of the original excavation area which responded positively during the magnetometer survey, 5) engineer the drainage inlet and outlet to limit contact between the water in the pond and the remaining contaminants, if any. Approximate cost = not available; funding = BRAC

Title: Certification

Title Link:

http://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=33970003&enforcement_id=5001756

Area Name:

Area Link:

Sub Area:

STE40

Sub Area Link:

http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=33970003&site_id=2003650

Document Type:

Certification

Date Completed:

10/4/1995

Comments:

Unplottable Summary

Total: 4 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CDO/CAO	Western Water Recycling Facility	I 215	Riverside CA		831529854
CHMIRS	Spill Center	Highway 215	Riverside CA		825420817
FINDS/FRS	WESTERN WATER RECYCLING FACILITY	I 215	RIVERSIDE CA	92553	840088352
HIST CHMIRS		I-215 N/B SPRUCE ST. ON RAMP	RIVERSIDE CA		826010926

Unplottable Report

Site: Western Water Recycling Facility
I 215 Riverside CA

CDO/CAO

Facility ID:	259198	Design Flow:	1.25
Facility Type:	Municipal/Domestic	Complexity:	B
Status:	Active	Pretreatment:	X - Facility is not a POTW
Status Date:	9/16/2011	Fee Code:	58 - Non15 Based on (TTWQ)/CPLX
Place Type:	Facility	Sic Code 1:	4952
Place Sub Type:	Wastewater Treatment Facility	Sic Desc 1:	Sewerage Systems
Agency Type:	Special District	Sic Code 2:	
No Of Agencies:	1	Sic Desc 2:	
Program:	NON15	Sic Code 3:	
No Of Programs:	1	Sic Desc 3:	
WD ID:	8 330700001	Naics Code 1:	
Reg Measure ID:	132543	Naics Desc 1:	
Region2:	8	Naics Code 2:	
Order NO:	R8-2003-0113	Naics Desc 2:	
NPDES CA Num:		Naics Code 3:	
Major Minor:		Naics Desc 3:	
Npdes Type:		No Of Places:	1
Reclamation:	1 - Producer	Staff Assigned:	Najah Amin
Dredge Fill Fee:		Place County:	Riverside
A301H:		Place Latitude:	
Effective Date:	11/21/2003	Place Longitude:	
Region:	8	Source Of Facility:	Reg Meas
Agency Name:	Western Municipal Water Dist		
Application Fee Amt Received:			
Assigned Staff:	Najah Amin		
Status2:	Active		
Facility Waste Type:	Nonhazardous domestic sewage/industrial waste		
Facility Waste Type 3:			
Facility Waste Type 4:			
Facility Waste Type 2:			
Title:	CDO R8-2003-0122 FOR WMWD, MARCH ARB STP TIME SCHEDULE FOR COMPLIANCE WITH TIN LIMIT		
Description:	2		
Threat To Water Quality:	WDR		
Reg Measure Type:	NON15		
Program2:	1		
No Of Programs2:	249567		
Enforcement ID EID:	R8-2003-0122		
Order Resolution Number:	Cease and Desist Order		
Enforcement Action Type:	11/21/2003		
Effective Date2:	2003		
Year Effective:			
Adoption Issuance Date:			
Achieve Date:			
Year Effective2:			
ACL Issuance Date:			
EPL Issuance Date:			
Latest Milestone Completion Da:			
Total Assessment Amount:	0		
Initial Assessed Amount:	0		
Liability \$ Amount:	0		
Project \$ Amount:	0		
Liability \$ Paid:	0		
Project \$ Completed:	0		
Total \$ Paid Completed Amount:	0		
Agency Issuing Enf:			
Date Of Oldest Violation Linke:			

Rank 1 Violations: 0
Rank 2 Violations: 0
Rank 3 Violations: 0
Unclassified Violations: 0
Atox Violations Num: 0
Expiration Review Date: 11/21/2013
Termination Date:
WDR Review Amend:
WDR Review Revise Renew:
WDR Review Resc Ind:
WDR Review No Action Required:
WDR Review Pending:
WDR Review Planned:
Status Enrollee: N
Individual General: I
No Of Staff Assigned: 1
Supervisor:
No Of Supervisors:
Direction Voice: Passive
Region3: 8
No Of Assigned Staff: 1
Supervisor2:
No Of Supervisors2:

--Details--

Bmp Violations NO: 0
Basin Plan Prohibition Violation: 0
Cat1 Violations NO: 0
Cat 2 Violations NO: 0
Ctox Violations NO: 0
Deficient Monitoring Violation: 0
Deficient Report Violations No: 0
Enforcement Action Violations NO: 0
Feed Violations NO: 0
Groundwater Violations NO: 0
Hydro Modification Violations NO: 0
Late Report Violations NO: 0
Oev Violations NO: 0
Other Codes Violations NO: 0
Permit Condition Violations NO: 0
Pretreatment Violations NO: 0
Rpting Failure To Notify Violations NO: 0
SSO Violations NO: 0
Surface Water Violations NO: 0
Swppp Vioaltions NO: 0
Unauthorized Discharge Violations NO: 0
Priority Violations: 0
Total Mmp Violations NO: 0
Effluent Mmp Serious: 0
Chronic Mmp: 0
Reporting Mmp Serious: 0
Total Num Of Violations Lnked To Enf Act: 0
Economic Benefit:
Staff Cost:
Maximum Potential Liability:

Site: Spill Center
 Highway 215 Riverside CA

CHMIRS

Control No:

Notified Date:

7/21/2015 21:02

Notified Date Time: Year: 2015
County: Riverside County
URL:

California Hazardous Material Incident Report System (as of 2006 to 2015)

Contained:	Yes	3 Ves >= 300 Tons:	No
1 Substance:	Diesel Fuel	Incident Date:	7/21/2015
1 Measure:	Gal(s)	Incident Time:	1630
1 Other:		Spill Site:	Road
1 Quantity:	150	Injuries?:	No
1 Type:	PETROLEUM	No of Injuries:	
1 Pipeline:	No	Fatals?:	No
1 Vessel >= 300 Tons:	No	No of Fatals:	
2 Substance:		Evacs?:	No
2 Quantity:		No of Evacs:	
2 Measure:		Cleanup:	Contractor
2 Type:		Site:	Storm Drain
2 Other:		Cause:	Unknown
2 Pipeline:	No	Cause Other:	
2 Vessel >= 300 Tons:	No	Dog No:	
3 Substance:		Water:	Yes
3 Quantity:		Water Way:	Storm Drain
3 Measure:		City:	Riverside
3 Type:		County:	Riverside County
3 Other:		Zip:	
3 Pipeline:	No		
Admin Agency:	Riverside City Fire Department		
Notification Area:	AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS,LANDS,PARKS & REC,Co/WP,Co/Hlth,Co/E-Hlth		
Location:	Highway 215		
Description:	The Reporting Party states diesel fuel discharged from a saddle tank on a tractor trailer unit that caught on fire due to an unknown cause at this time. Environmental Logistics is conducting a clean-up at this time. The release entered a storm drain. It is unknown how much of the release entered the storm drain.		

Spill Report View

Amount 1:	150	Creation Date:	07/21/2015 09:02 PM
Amount 2:		Received By:	
Amount 3:		Admin Agency:	Riverside City Fire Department
Type:		Admin Agency 2:	
Water:	PETROLEUM	Additional County:	
On Scene:		Phone No:	
Other on Scene:		Ext:	
Other Notified:		Pag Cell:	
Document Title:	SPILL Report		
Spill Site:			
Cause Desc for Other:			
Person Notifying Cal OES:			

OES Hazardous Materials Spill Update

Notify Date: 07/21/2015
Notify Time: 2102
Occurrence Date: 07/21/2015
Occurrence Time: 1630
Upd Known Impact:
Update Cause:
Pers Notifying Upd Place: Person Notifying Update
Pers Notifying Upd Nme:
Phone No:
Ext:
Pag Cell:
Fax Notifi List:
Person Notifying Cal OES
Agenc:
Person Reporting Spill Agency:
Op Area:
Unknown Header:
Substance 1:

Qty Amount 1:
Measure 1:
Type 1:
Other 1:
Pipeline 1:
Vessel >= 300 Tons 1:
Substance 2:
Qty Amount 2:
Measure 2:
Type 2:
Other 2:
Pipeline 2:
Vessel >= 300 Tons 2:
Substance 3:
Qty Amount 3:
Measure 3:
Type 3:
Other 3:
Pipeline 3:
Vessel >= 300 Tons 3:
Administering Agency:
Secondary Agency:
Additional Counties:
Additional Admin Agency:
Other Notified:
RWQCB Unit:
Confirmation Request:
Fax Notification List 2:
Administering Agency 2:
Additional Admin Agency 2:
Secondary Agency 2:
Additional Counties 2:
DOG Unit:
RWQCB Unit 2:
Doc URL:

<https://w3.calema.ca.gov/operational/malhaz.nsf/f1841a103c102734882563e200760c4a/9072bdcbdc5659f288257e8a001ca9aa?OpenDocument>

NRC:
Update Description:

07/21/2015 10:13:04 PM - A closer incident location is Highway 215 at Orangeshow off ramp in San Bernardino County. This is a duplicate spill report of SPILL # 15-4177. Outside contractor is on scene performing clean up of the storm drain.

Situation Update:

A closer incident location is Highway 215 at Orangeshow off ramp in San Bernardino County. This is a duplicate spill report of SPILL # 15-4177. Outside contractor is on scene performing clean up of the storm drain.

Original Description:

OES Hazardous Materials Update Quantities

Amount:
Measure: Gal(s)

Site: WESTERN WATER RECYCLING FACILITY
 I 215 RIVERSIDE CA 92553

FINDS/FRS

Registry ID: 110066357668
FIPS Code:
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 14-OCT-2015 11:09:11
Update Date:
Interest Types: STATE MASTER
SIC Codes: 4952
SIC Code Descriptions: SEWERAGE SYSTEMS
NAICS Codes:

NAICS Code Descriptions:

Conveyor:

Federal Facility Code:

Federal Agency Name:

Tribal Land Code:

Tribal Land Name:

Congressional Dist No.:

Census Block Code:

EPA Region Code: 09

County Name: RIVERSIDE COUNTY

US/Mexico Border Ind:

Latitude:

Longitude:

Reference Point:

Coord Collection Method:

Accuracy Value:

Datum: NAD83

Source:

Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066357668

Program Acronyms:

CA-ENVIROVIEW:85644

Site:

I-215 N/B SPRUCE ST. ON RAMP RIVERSIDE CA

[HIST CHMIRS](#)

OES Control NO: 9260600

Release Factors: No Release

Release Text:

Equipm Involved: No Equip Involved

Action Taken Text:

Chemicals: N/A (WATER)

Case Number:

HazMat Other:

HM Injury: 0

Decon: 0

Agency Name: CHP

HazMat Pers: ,On-site Fire Services

Action Taken: 63,Contain/Control Hazmat,Establish Safe Area,HazmatResp./Deter.NonHazardous,Provide Public Info,Traffic Control

More than three involved?: 2

Incident Date: 8/24/1992

Date Reported: 8/24/1992

Fatalities: 0

Other Injury: 0

Other Decon: 0

Other Fatal: 0

Vehicle:

State:

CA DOT PUC ICC:

Company Name:

County: RIVERSIDE

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Apr 11, 2019

National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Apr 11, 2019

Deleted NPL:

DELETED NPL

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.

Government Publication Date: Apr 11, 2019

SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Apr 11, 2019

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Apr 11, 2019

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS:

CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This 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 a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Mar 4, 2019

RCRA non-CORRACTS TSD Facilities:

RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Mar 4, 2019

RCRA Generator List:

RCRA LQG

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Mar 4, 2019

RCRA Small Quantity Generators List:

RCRA SQG

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Mar 4, 2019

RCRA Conditionally Exempt Small Quantity Generators List:

[RCRA CESQG](#)

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Mar 4, 2019

RCRA Non-Generators:

[RCRA NON GEN](#)

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Mar 4, 2019

Federal Engineering Controls-ECs:

[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Sep 20, 2018

Federal Institutional Controls- ICs:

[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Sep 20, 2018

Emergency Response Notification System:

[ERNS 1982 TO 1986](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

[ERNS 1987 TO 1989](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

[ERNS](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Mar 21, 2019

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

[FED BROWNFIELDS](#)

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 11, 2019

FEMA Underground Storage Tank Listing:

[FEMA UST](#)

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Petroleum Refineries:

REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 17, 2018

Petroleum Product and Crude Oil Rail Terminals:

BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jan 18, 2019

LIEN on Property:

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Apr 11, 2019

Superfund Decision Documents:

SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Apr 11, 2019

State

State Response Sites:

RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Mar 11, 2019

EnviroStor Database:

ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Mar 11, 2019

Delisted State Response Sites:

DELISTED ENVS

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Mar 11, 2019

Solid Waste Information System (SWIS):

SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: May 13, 2019

EnviroStor Hazardous Waste Facilities:

HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Mar 11, 2019

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report:

SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Land Disposal Sites:

LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Apr 10, 2019

Leaking Underground Fuel Tank Reports:

LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Apr 10, 2019

Delisted Leaking Storage Tanks:

DELISTED LST

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

Government Publication Date: Apr 10, 2019

Permitted Underground Storage Tank (UST) in GeoTracker:

UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: May 1, 2019

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels:

SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Proposed Closure of Underground Storage Tank Cases:

UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: Mar 11, 2019

Historical Hazardous Substance Storage Information Database:

HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Aboveground Storage Tanks:

AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

Delisted Storage Tanks:

DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: May 1, 2019

California Environmental Reporting System (CERS) Tanks:

CERS TANK

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. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: May 6, 2019

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions:

LUR

The Department of Toxic Substances Control (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 land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Mar 11, 2019

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions:

HLUR

The Department of Toxic Substances Control (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.

Government Publication Date: Apr 17, 2019

Deed Restrictions and Land Use Restrictions:

DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Apr 17, 2019

Voluntary Cleanup Program:

VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Mar 11, 2019

GeoTracker Cleanup Program Sites:

CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Apr 17, 2019

Delisted California Environmental Reporting System (CERS) Tanks:

DELISTED CTNK

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: May 6, 2019

Historical Hazardous Substance Storage Container Information - Facility Summary:

HIST TANK

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in the 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands:

INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Dec 31, 2017

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

USTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Dec 31, 2017

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

County

Delisted County Records:

DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Jun 18, 2019

Riverside County - Local Oversight Program List:

RIVERSIDE LOP

A list of Leaking Underground Storage Tank (LUST) facilities in Riverside County. This list is made available by Riverside County Department of Environmental Health. Environmental Cleanup Program provides oversight of assessments and cleanups at properties that have been, or may have been, contaminated with hazardous substances from LUSTs or releases associated with other commercial/industrial use.

Government Publication Date: May 16, 2019

Riverside County - Underground Storage Tanks List:

UST RIVERSIDE

A list of registered Underground Storage Tank (UST) sites in Riverside County. This list is made available by Riverside County Department of Environmental Health. The Hazardous Materials Management Branch (HMMB) regulates and oversees the inspections of constructions, repairs, upgrades, system operation and removal of UST systems.

Government Publication Date: May 16, 2019

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Apr 23, 2019

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2017

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Jan 8, 2019

National Clandestine Drug Labs:

[NCDL](#)

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Jul 18, 2018

Toxic Substances Control Act:

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2017

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

[PRP](#)

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Dec 20, 2018

State Coalition for Remediation of Drycleaners Listing:

[SCRD DRYCLEANER](#)

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

[ICIS](#)

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

Drycleaner Facilities:

[FED DRYCLEANERS](#)

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 29, 2018

Delisted Drycleaner Facilities:

[DELISTED FED DRY](#)

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 29, 2018

Formerly Used Defense Sites:

[FUDS](#)

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Oct 23, 2018

Material Licensing Tracking System (MLTS):

[MLTS](#)

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Nov 1, 2018

Historic Material Licensing Tracking System (MLTS) sites:

[HIST MLTS](#)

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

[MINES](#)

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 30, 2018

Alternative Fueling Stations:

[ALT FUELS](#)

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Apr 8, 2019

Registered Pesticide Establishments:

[SSTS](#)

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Sep 1, 2018

Polychlorinated Biphenyl (PCB) Notifiers:

[PCB](#)

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Mar 20, 2019

State

Dry Cleaning Facilities:

[DRYCLEANERS](#)

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Apr 16, 2019

Delisted Drycleaners:

DELISTED DRYCLEANERS

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Apr 16, 2019

Non-Toxic Dry Cleaning Incentive Program:

DRYC GRANT

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Feb 28, 2018

Hazardous Waste and Substances Site List - Site Cleanup:

HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: Apr 23, 2019

List of Hazardous Waste Facilities Subject to Corrective Action:

DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement:

INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Apr 19, 2019

School Property Evaluation Program Sites:

SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Mar 11, 2019

California Hazardous Material Incident Report System (CHMIRS):

CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Apr 2, 2019

Hazardous Waste Manifest Data:

HAZNET

A list of hazardous waste manifests received each year by Department of Toxic Substances Control (DTSC). The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Oct 24, 2016

Historical California Hazardous Material Incident Report System (CHMIRS):

HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Historical Hazardous Waste Manifest Data:

HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

Historical Cortese List:

HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders:

[CDO/CAO](#)

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Feb 16, 2012

California Environmental Reporting System (CERS) Hazardous Waste Sites:

[CERS HAZ](#)

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: May 6, 2019

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites:

[DELISTED HAZ](#)

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

Sites in GeoTracker:

[GEOTRACKER](#)

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Apr 17, 2019

Waste Discharge Requirements:

[WASTE DISCHG](#)

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Apr 10, 2019

Toxic Pollutant Emissions Facilities:

[EMISSIONS](#)

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2017

Clandestine Drug Lab Sites:

[CDL](#)

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/ clandestine drug laboratories.

Government Publication Date: Dec 31, 2017

Tribal

No Tribal additional environmental record sources available for this State.

County

Riverside County - Hazardous Waste Generator Sites List:

[RIVERSIDE HWG](#)

A list of Hazardous Waste Generator Sites in the County of Riverside. This list is made available by Riverside County Department of Environmental Health which has been designated as the CUPA for the County.

Government Publication Date: May 16, 2019

Riverside County - Disclosure Facility List:

[RIVERSIDE HZH](#)

A list of facilities disclosed to Riverside County Department of Environmental Health (DEH). This list is made available by Riverside County DEH which has been designated as the CUPA for the County. A business is required to establish and submit a Business Plan if the facility handles hazardous material equal to or greater than 55 gallons, 500 pounds or 200 cubic feet at any time during the year.

Government Publication Date: May 16, 2019

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

**13.5 Fire Insurance Maps
(no coverage)**

Fire Insurance Maps No Coverage Statement

Site Location

Natwar Lane
Natwar Lane
Perris, CA

Requested by

Advantage Environmental Consultants, LLC
145 Vallecitos De Oro, Suite 201
San Marcos, CA

HIG Project #

2028056

Client Project #

19-314SD

Date Created

06/26/2019



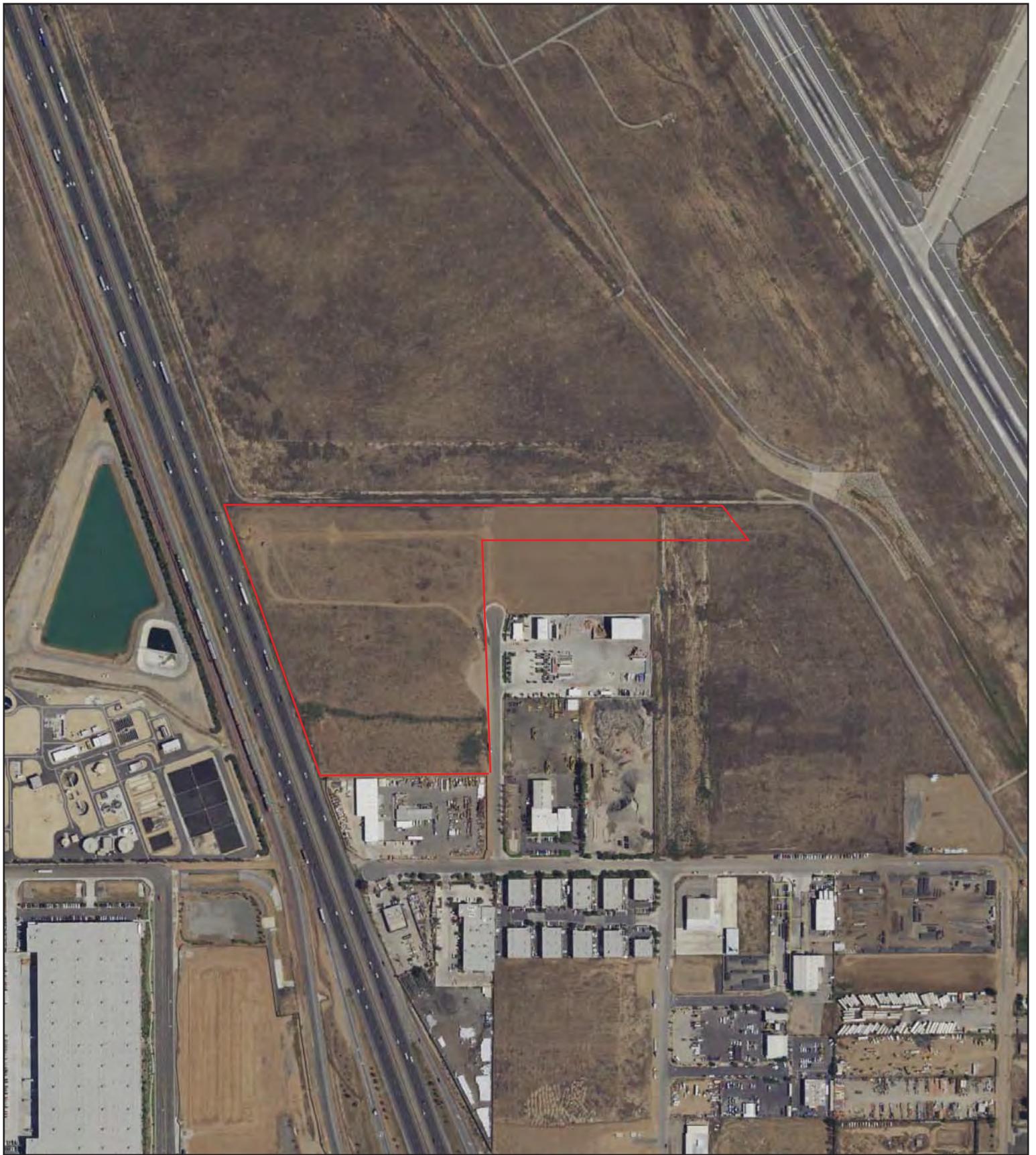
Historical
Information
Gatherers

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIM), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjacent properties.

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

13.6 Aerial Photographs



Natwar Lane
Natwar Lane
Perris, CA



2016

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



2014

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



2012

HIG Project # 2028056
Client Project # 19-314SD
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



2009

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



2005

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



2002

HIG Project # 2028056
Client Project # 19-314SD
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



1994

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



1990

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 9,600 (1"=800')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



1985

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 9,600 (1"=800')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



1980

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



1975

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 9,600 (1"=800')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



1970

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 9,600 (1"=800')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



1966

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 6,000 (1"=500')

www.historicalinfo.com





Natwar Lane
Natwar Lane
Perris, CA



1963

HIG Project # 2028056

Client Project # 19-314SD

Approximate Scale 1: 9,600 (1"=800')

www.historicalinfo.com



13.7 Qualifications of the Environmental Professionals

Advantage Environmental Consultants, LLC

ENVIRONMENTAL DUE DILIGENCE AND REMEDIATION SPECIALISTS

DANIEL A. WEIS, R.E.H.S.
Branch Manager – Western Regional Office

EDUCATION

- Bachelor of Arts - University of Delaware, Newark, DE (1995)
- Master of Science – Public Health, San Diego State University, San Diego, CA (1998)

PROFESSIONAL REGISTRATIONS, LICENSES, AND CERTIFICATIONS

- Registered Environmental Health Specialist #8172 in the State of California
- OSHA 40-hour Hazardous Waste Operations Worker and Supervisor Certifications and Annual Refreshers

PROFESSIONAL SUMMARY

Mr. Weis is the branch manager of AEC's western regional office based in the City of San Marcos, San Diego County, California. He has 14 years of experience in the environmental sciences and consulting fields and is supported by Professional Geologists, Engineers and other technical team members of AEC staff. His responsibilities at AEC include client development and management, project management, technical oversight and quality control for assessment and remediation services, project staffing, and office financial management. Mr. Weis also completes technical services (including field activities) required of select projects completed by AEC. He has a proven ability to manage multiple personnel and technical projects, negotiate with regulatory agencies and maintain strong and trusting client relationships. Such clientele include but are not limited to local government entities, redevelopment agencies, affordable housing developers, Federal government entities, environmental and land use attorneys, architectural and engineering firms, commercial lending institutions, conservancies, commercial/industrial real estate owners/managers, insurance companies, wireless telecommunication carriers and real estate developers. He is also very experienced in the completion of assessment, construction and remediation quality assurance during the completion of urban redevelopment/brownfields projects, many of which have been located in downtown San Diego, Los Angeles and other urban communities throughout the State of California. Mr. Weis has a deep understanding of environmental due diligence guidelines including:

- American Society for Testing and Materials (ASTM) E1527-05, Standard Practice for Environmental Site Assessments (ESAs)
- ASTM E2247-08, Standard Practice for ESA: Phase I ESA Process for Forestland or Rural Properties
- ASTM E1903-97 (Re-approved 2002), Standard Practices for Environmental Site Assessments: Phase II ESA Process
- ASTM E2600-10, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions
- 40 Code of Federal Regulations (CFR) Part 312 Standards for Conducting All Appropriate Inquiry (AAI)
- 33 CFR Part 137 Oil Spill Liability Standards for Conducting AAI
- United States Department of Housing and Urban Development Guide to Multifamily Accelerated Processing
- Other financial institution specific guidelines including The United States Small Business Administration, Fannie Mae and Freddie Mac

PROFESSIONAL EXPERIENCE

Mr. Weis has completed over 700 due diligence related environmental assessments (i.e. Phase I ESAs, Transaction Screen Analyses, etc.) and has managed over 200 subsurface environmental investigations of soil gas, soil and/or groundwater. Such investigations have also included human health and ecological risk assessments, evaluations of indoor air conditions based on interpretations of subsurface conditions, underground storage tank (UST) evaluation/closure and hazardous waste characterization/management. Subsurface activities performed include the completion of soil borings using various drilling technologies, soil and groundwater sampling, installation and sampling of groundwater monitoring wells, free product evaluations, exploratory trenching and real-time delineation using mobile analytical laboratories and other soil screening technology. Assets evaluated include industrial, commercial, residential, agricultural and vacant land sites throughout the State of California and numerous additional states of the Nation, with many of the assessments completed under the regulatory oversight of local environmental regulatory agencies, the California Regional Water Quality Control Boards (RWQCBs) and the California Environmental Protection Agency Department of Toxic Substances Control (DTSC). Mr. Weis has also conducted and/or managed hundreds of public/environmental health related assessments including electromagnetic field surveys, radionuclide surveys, indoor air quality investigations, radon surveys, drinking water assessments, asbestos containing materials (ACM) and lead-based paint (LBP) surveys and mold/microbial evaluations.

Mr. Weis has managed over 20 remediation related projects primarily related to source removal of subsurface contaminants including but not limited to petroleum hydrocarbons, chlorinated solvents, heavy metals, organochlorine pesticides and other agricultural related chemicals, dioxins and furans and polychlorinated biphenyls (PCBs). Cost effective solutions and various remedial action options are provided prior to remedial action implementation. He is very proficient in developing remediation cost estimates and evaluating multiple remedial strategies on specific projects and conducting budget tracking to ensure the accuracy of such estimates during remedial implementation. Mr. Weis also assists clients with the preparation of contractor bid specifications, contractor bid and change order reviews for such projects, contractor agreements and project status reports/updates and has conducted presentations to client personnel, regulatory agencies and/or the public pertaining to such remediation related projects. He has also assisted numerous clients in cost recovery efforts from private parties and State/Federal funding programs for environmental assessment and remediation work.

SPECIFIC PROJECT EXPERIENCE

48 Property State Lands Exchange Project, Various Locations Throughout San Bernardino and Inyo Counties, California - Project director for the completion of a Phase I ESA in accordance with ASTM Practice E 1527-05, 40 CFR Part 312 Standards for Conducting AAI, and other Federal Agency specific guidelines at forty eight State of California School Lands properties ranging in size from 40 acres to 666.54 acres, located in San Bernardino and Inyo Counties, California and either partially or entirely within Death Valley National Park or the Mojave National Preserve. Due to the remoteness of the properties, the site reconnaissance was conducted via helicopter flyover with intermittent landings as needed to evaluate conditions on the properties. Prior to the site reconnaissance, Geographical Information Systems (GIS) technology was utilized to determine the coordinates of each property (corners and center) and such data was subsequently provided to the aviation company in a format compatible with the helicopter's navigation system. Additional components of the ESA (i.e. interviews, regulatory research and historical research) were completed in strict accordance with the applicable guidelines. The assessment revealed no evidence of recognized environmental conditions (RECs) in connection with the properties and additional assessment was not recommended. The assessment also included an evaluation of several non-scope ASTM considerations including ACM, LBP, radon potential and lead in drinking water. None of the non-scope ASTM evaluation items were found to be a potential concern with respect to the subject properties.

Industrial Facility, West Bradley Avenue, El Cajon, California – Technical lead on pre-business acquisition due diligence (i.e. Phase I/II ESAs) at a facility that conducts the manufacturing of forged metal products for the medical field and aerospace/defense industry and that was historically used for related industrial purposes. Investigation revealed releases of chlorinated solvents to the vadose zone and groundwater underlying the facility, as well as off-site sources of chlorinated solvents to the property in groundwater. Two phases of due diligence related subsurface investigation consisted of 25 direct-push soil

borings and the collection of soil, groundwater, and soil gas samples. The analytical laboratory data was evaluated, deliverables were prepared and preliminary evaluations of risk conducted using County of San Diego Department of Environmental Health and DTSC Johnson and Ettinger vapor intrusion risk models. The case was subsequently referred to the DTSC due to permit by rule conditions and Mr. Weis oversaw and participated in the preparation a current conditions report, Facility Investigation (FI) Work plan and Community Profile for the property under a Corrective Action Consent Agreement between the interested parties and the DTSC. The FI Work Plan described the investigation objectives, pertinent background information related to the facility, current conditions, and a description of each identified Solid Waste Management Unit and Area of Concern identified at the facility. The document also included a Quality Assurance Project Plan (QAPP), data management plan and information pertaining to the proposed reporting structure. Mr. Weis also served as the project lead/coordinator for the implementation of the FI Work Plan which included the installation of sub-slab and at-depth soil gas probes and multiple groundwater monitoring wells, and the drilling of several direct-push soil borings. On-going regulatory negotiation is being conducted in efforts to reach a quantifiable approach to future monitoring of subsurface conditions at the property.

Santa Monica Beach Public Restroom Facilities Replacement Project, Santa Monica, California - Project director and lead on the completion of a Phase I ESA in accordance with ASTM Practice E 1527-05 of eight public restroom facilities on the Santa Monica State Beach in the City of Santa Monica, Los Angeles County, California. ACM, LBP and PCB surveys were also completed in conjunction with the ESA. All components of the ESA were completed in strict accordance with the applicable guidelines. The assessment revealed no evidence of RECs in connection with the properties and additional assessment was not recommended. Recommendations were provided regarding abatement of ACM and LBP identified at the facilities.

Seventh and Market Street Property - 7th and 8th Avenues and Market Street, San Diego, California - Project lead and manager for remediation planning assistance associated with a proposed 55,000 square foot mixed-use redevelopment project including a multiple level subterranean parking garage) in downtown San Diego. Subsurface characterization utilized in conjunction with prior site data included the drilling of ten soil borings using a hollow-stem auger drill rig, excavation of ten exploratory test pits using a backhoe and sampling/analysis of soil samples for various contaminants of concern. The additional data obtained was used for evaluating the feasibility of alternative remedial strategies, revising remedial cost estimates for multiple redevelopment scenarios and preparation of a mitigation plan and community health and safety plan for the project. Eligible costs for the site characterization related work were recovered from the State Water Resources Control Board (SWRCB) Orphan Site Cleanup Account (OSCA) program on behalf of the client. Although redevelopment plans for the project changed due to various factors, funding remained secured for the project and remediation work consisting of a removal action of lead and petroleum hydrocarbon impact soil was conducted. Over 15,000 tons of contaminated soil was removed from the property during the remediation effort. Mr. Weis served as the project lead and manager for the remediation phase of work which included the excavation and segregation of lead and petroleum hydrocarbon contaminated soils within an approximately 30,000 square foot remediation area, backfilling the excavation with non-contaminated soil generated from the proposed excavation as well as soil to be imported to the property and reconstruction of the property to City of San Diego surface parking lot standards. The remediation activities required the displacement of approximately 27,000 cubic yards of soil. Pre-remediation work completed by Mr. Weis included revising the mitigation plan to account for changes to the project plan, assistance with the preparation of technical bid specifications pertaining to the proposed site remediation, pre-bid meeting representation and responding to questions/inquiries from prospective bidders regarding the technical specifications, drawings and other items related to the proposed remediation effort and associated construction activity. Over 99% of \$1,500,000 in SWRCB OSCA grant funds for the cleanup was recovered on behalf of the client.

Proposed Charter School Athletic Field Complex, Temple Avenue and Hoover Street, Los Angeles, California - Project lead and manager for the completion of a Phase I and II ESA during a property acquisition due diligence period at this approximately one-acre property located in the northern portion of the downtown area of the City of Los Angeles. The Phase I ESA was completed under ASTM-2005/AAI protocol and supplemental DTSC guidelines. Prior uses of the property included metal plating activity and a gasoline service station. Other deliverables provided and approved by the DTSC included a Preliminary

Environmental Assessment (PEA) Work Plan, QAPP and a Site Specific Health and Safety Plan. Additional subsurface investigation was subsequently completed to close data gaps pertaining to contaminant distribution and remediation costs prior to a removal action completed at the property. Such investigation included the drilling of over 70 soil borings and sample collection/analysis of soil, soil gas and groundwater samples. Remediation (excavation) at the property was completed by on a turn-key basis and consisted of the excavation and disposal of approximately 2,500 cubic yards of metals contaminated soil and removal of a UST under Los Angeles Fire Department oversight. Other duties completed during the course of the project included regulatory negotiation and litigation support. Community outreach associated with the project included a public hearing with the Los Angeles Department of Building and Safety pertaining to the site permit grading and haul route for trucking of contaminated soil and mass mailing of fieldwork notification activities to all properties situated within a 300 foot radius of the property.

Strata - 9th and 10th Avenues and Market Street, San Diego, California – Project manager for the completion of California SWRCB OSCA Program application assistance pertaining to a portion (former gasoline station) of this downtown San Diego redevelopment site, which included a four-level subterranean parking garage. Initial tasks included a review of prior environmental assessments, written response to SWRCB inquiries pertaining to historical site uses and principal contamination sources and preparation of select sections of OSCA Pre-Assessment and Cleanup Grants. Portions of the Grants included a summary of background information pertaining to the property, detailed scopes of work pertaining to prior eligible assessment response work and proposed cleanup response actions and specific budget details. Cost recovery efforts from the OSCA program were successful. Mr. Weis also served as the project lead for general remediation planning assistance which included the preparation of multiple variations of remediation cost estimates for the project and attendance of meetings with the development team. The remediation cost estimate variations were broken down by physical address (parcel) and three contaminant types (lead, chlorinated solvents and petroleum hydrocarbons) and differing combinations of the referenced parameters. The cost estimation included interface with UST removal, excavation, shoring and dewatering contractors, landfill/recycling facilities, trucking companies, vapor barrier design and installation companies and analytical laboratories. Mr. Weis oversaw subsequent third-party oversight activities on behalf of the client as the property was sold to a third-party and included field oversight of remediation activities, budget tracking, invoice approval, compliance with the OSCA Grant conditions, attendance at meetings and other tasks.

Tijuana River Watershed Project, San Diego State University Graduate School of Public Health - In early stages of the project, implemented a stormwater sampling program within various areas of watershed including the use of auto sampling apparatus triggered by rainfall and flow of rivers and creeks of interest. Personally performed analytical laboratory analysis of water and sediment samples using University owned instruments for constituents of concern including heavy metals, nutrients, and bacteriological indicators and maintained chemistry and flow databases for the development of pollutographs, mass loading estimates and calibration of GIS models.

PUBLICATIONS

- Gersberg, R.M., Brown, C., Zambrano, V., Worthington, K., and Weis, D. (2000) Quality of urban runoff in the Tijuana River watershed. In Westerhoff, P. (editors), SCERP Monograph Series (no.2) on Water Issues Along the United States and Mexico Border. : Southwest Center for Environmental Research and Policy, 31-45.
- Weis, D.A., Callaway, J.C., and R.M. Gersberg (2001). Vertical Accretion Rates and Heavy Metal Chronologies in Wetland Sediments of the Tijuana Estuary. *Estuaries* 24(6A).
- Gersberg, R.M., Pitt, J.L., Weis, D.A., and D.D. Yorkey. Characterizing In-Stream Metal Loading in the Tijuana River Watershed. (2002). National TMDL Science and Policy Conference, Specialty Conference Proceeding on CD Rom, November 13-16, Phoenix, Arizona

AFFILIATIONS

National Brownfields Association
San Diego Housing Federation

13.8 Phase II Environmental Site Assessment



PHASE II ENVIRONMENTAL SITE ASSESSMENT

**Proposed First March Logistics Center
Natwar Lane
Perris, California**

AEC Project No. 19-314SD
July 25, 2019

Prepared For:

First Industrial Realty Trust, Inc.,
First Industrial Acquisitions II, LLC,
& First Industrial, L.P.
1 North Wacker Drive, Suite 4200
Chicago, IL 60606

Prepared By:

Advantage Environmental Consultants, LLC
145 Vallecitos De Oro, Suite 201
San Marcos, California 92069
Phone (760) 744-3363 • Fax (760) 744-3383

July 25, 2019

Mr. Mike Reese
Environmental Risk Manager
First Industrial Realty Trust, Inc.
1 North Wacker Drive, Suite 4200
Chicago, IL 60606

Subject: **Phase II Environmental Site Assessment
Proposed First March Logistics Center
Natwar Lane
County of Riverside APNs 294-180-13, -028, -029, -030, 295-300-005, -007,
and -009
Perris, California
AEC Project No. 19-314SD**

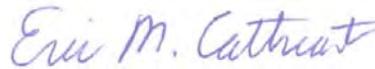
Dear Mr. Reese:

Advantage Environmental Consultants, LLC (AEC) has performed a Phase II Environmental Site Assessment (ESA) at the above referenced property. This report includes AEC's findings, conclusions, recommendations, and supporting documentation. We appreciate the opportunity to be of service to you on this project. If you should have any questions regarding this report, or if we can be of further assistance, please contact us at (760) 744-3363.

Sincerely,



Daniel Weis, R.E.H.S.
Branch Manager
Western Regional Office



Eric Cathcart, MS, PG
Senior Geologist
California PG# 7548

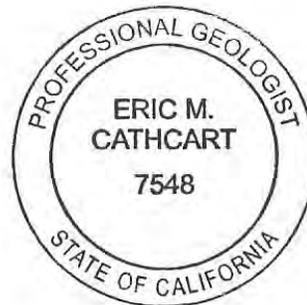


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APPENDIX A	ANALYTICAL LABORATORY REPORTS
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1.0 INTRODUCTION

1.1 Project Introduction

On behalf of First Industrial Realty Trust, Inc., First Industrial Acquisitions II, LLC, and First Industrial L.P., AEC has prepared this Phase II Environmental Site Assessment (ESA) for the proposed First March Logistics Center located in Perris, California (i.e. "Site"). This assessment has been conducted in accordance with our task order dated June 14, 2019.

1.2 Site Location and Description

The 23.24-acre Site is located to the north and west of Natwar Lane and east of Interstate 215. The Site is further identified by Riverside County Assessor's Parcel Numbers (APNs) 294-180-13, -028, -029, -030, 295-300-005, -007 and -009. The Site is vacant and undeveloped. A Vicinity Map is included as Figure 1 and a Site Plan is included as Figure 2.

1.3 Project Objective

The sampling documented herein was completed in conjunction with a Phase I Environmental Site Assessment by AEC to assess potential impacts from PFAS detections at the wastewater treatment plant located west of I-215.

2.0 FIELD INVESTIGATION

AEC notified Underground Service Alert (USA) utility marking service prior to the commencement of field sampling and in accordance with State law. In addition, AEC prepared a health and safety plan that outlined the procedures that AEC's personnel and subcontractors followed to minimize the potential for health and safety hazards during the course of work performed at the Site.

Three soil borings (identified as B1 through B3) were advanced at the Site on June 19, 2019 using a truck-mounted direct-push (DPT) sampling rig equipped with approximate two-inch diameter stainless steel rods and soil sampling tools. A Site Plan depicting the approximate soil boring locations is included as Figure 2. The soil borings were advanced by Astech Environmental Services of Santa Ana, California under the oversight of AEC. The target depth of each soil boring was 35 feet below ground surface (bgs)/groundwater.

Soil samples were collected using stainless steel sampling rods lined with acetate sleeves. The acetate sleeves were cut, sealed with Parafilm® sheets, capped, appropriately labeled and placed into a chilled cooler for transport to American Environmental Testing Laboratory, Inc. (AETL) of Burbank, California. Extremely difficult drilling conditions were met at 5-feet bgs in all three borings, at which point an auger was used to advance the boring through a cementitious layer to approximately 10-feet bgs. Drilling proceeded via direct push to advance the borings from 10-feet bgs to a final depth of 30-feet bgs in B1, and 35-feet in B2 and B3. A total of nine soil samples were collected from the soil borings at depths of 1, 2 and 3 feet bgs. In addition, two sediment/surface samples were also collected from the drainage that traverses the southern portion of the Site. Eight of the 11 soil samples collected were analyzed for total petroleum hydrocarbons (TPH) by United States Environmental Protection Agency (EPA) test Method 8015B, volatile organic compounds (VOCs) by EPA test Method 8260B, Title 22 Metals by EPA test Method 6010B/7471A, Polychlorinated Biphenyls (PCBs) by EPA test Method 8082, Organochlorine Pesticides by EPA test Method 8081A, Semivolatile Organic Compounds

(SVOCs) by EPA test Method 8270C, and Per- and Polyflouroalkyl Substances (PFAS) by EPA test Method 537.

Following completion of drilling at each boring location, the DPT drilling equipment was removed from the borehole and temporary polyvinyl chloride (PVC) slotted casing was installed. The depth to groundwater was subsequently gauged and grab groundwater samples were collected from borings B2 and B3 using a check valve and new dedicated tubing. No groundwater was produced from boring B1. The groundwater samples from B2 and B3 were collected directly into laboratory provided sample containers. Sample containers for B2 consisted of five 40-milliliter (mL) volatile organic analysis (VOA) vials preserved with hydrochloric acid (HCl), two 1-liter (L) glass amber bottles, and two 250-mL poly bottles. Due to an extremely slow recharge at B3, only five 40-mL VOAs and one 250 mL poly bottle were collected. VOA vials were filled until they overflowed and were immediately capped with Teflon-lined lids to eliminate any air bubbles and to assure zero-headspace. The vials were then turned upside down and tapped to check for air bubbles/head space. Filled sample containers were properly labeled and packaged, recorded onto chain-of-custody documentation, and placed directly into a cooler with ice pending delivery to the analytical laboratory. Based on lithologic/geologic interpretation completed during drilling and the gauged groundwater depths at each of the borehole locations, groundwater conditions encountered appeared to vary between unconfined and confined aquifer conditions.

Quality Assurance/Quality Control (QA/QC) procedures used during soil and groundwater sampling activities included using sampling rods that were cleaned prior to use in each boring, cleansing the sampling equipment in a non-phosphate detergent followed by successive rinses in drinking water prior to each sampling effort, and the use of new, dedicated equipment at each boring location (i.e. disposal bailers and temporary PVC in factory-sealed plastic).

Upon completion of drilling and sampling, the soil borings were backfilled with hydrated bentonite granules and capped to match existing surface conditions. Soil sampling equipment was decontaminated between uses by washing with a non-phosphate detergent solution followed by successive rinses in distilled water.

3.0 INVESTIGATION RESULTS AND DISCUSSION

3.1 Subsurface Conditions

No staining and/or odors indicative of petroleum hydrocarbons or VOCs were observed or detected during the drilling activities. Photoionization detector (PID) screening conducted on soil samples did not detect registerable levels of VOCs. Groundwater was encountered at depths of approximately 32 feet bgs in borings B2 and B3.

3.2 Soil/Sediment Analytical Laboratory Data

Analytical results for soil samples are presented in Table 1. The soil analytical laboratory report and chain-of-custody documentation are included in Appendix A. The following soil samples were submitted for TPH, VOCs, Title 22 Metals, PCBs, OCPs, SVOCs and PFAS analyses:

- Boring B1: 1' and 3' bgs
- Boring B2: 1' and 3' bgs
- Boring B3: 1' and 3' bgs
- Sediment: Samples SS1 and SS2 (collected from the dry drainage channel)

TPH

TPH was not detected at concentrations above the laboratory detection limits in any samples analyzed.

VOCs

VOCs were not detected at concentrations above the laboratory detection limits in any of the samples analyzed.

Title 22 Metals

Several (7) Title 22 Metals were detected at or above analytical laboratory reporting limits. The detected metals (and maximum concentrations) included barium (146 milligrams per kilogram [mg/kg]), chromium (20.3 mg/kg), cobalt (9.93 mg/kg), copper (13.9 mg/kg), nickel (6.70 mg/kg), vanadium (44.0 mg/kg) and zinc (80.0 mg/kg). None of the detected concentrations are considered to be elevated relative to potential human health risk and all below their respective residential and commercial screening levels (see Table 1).

PCBs

PCBs were not detected at concentrations above the laboratory detection limits in any samples analyzed.

OCPs

OCPs were detected in three (3) of the samples analyzed at concentrations above the laboratory detection limits. Detected OCP compounds (and maximum concentrations) are DDE (7.97 micrograms/kilogram [$\mu\text{g}/\text{kg}$]) and DDT (2.52 $\mu\text{g}/\text{kg}$).

None of the detected concentrations exceeds their respective residential and commercial screening levels (see Table 1).

SVOCs

SVOCs were not detected at concentrations above the laboratory detection limits in any samples analyzed.

PFAS

PFAS were not detected at concentrations above the laboratory detection limits in any samples analyzed.

3.3 Groundwater Analytical Laboratory Data

Analytical results for groundwater samples are presented in Table 2. The groundwater analytical laboratory report and chain-of-custody documentation are included in Appendix A. The groundwater sample from B2 was analyzed for TPH, VOCs, Title 22 Metals, PCBs, OCPs, SVOCs and PFAS. Due to insufficient recharge, the groundwater sample from B3 was analyzed for VOCs and PFAs only.

TPH

TPH was not detected at concentrations above the laboratory detection limits in groundwater sample B2.

VOCs

VOCs were not detected at concentrations above the laboratory detection limits in groundwater samples B2 or B3.

Title 22 Metals

Except for barium, none of the Title 22 Metals were detected at or above analytical laboratory reporting limits in groundwater sample B2. Barium was detected at 0.0833 milligrams per Liter (mg/L). The detected barium concentration does not exceed the California EPA Primary MCL for barium in drinking water (2 mg/L).

PCBs

PCBs were not detected at concentrations above the laboratory detection limits in groundwater sample B2.

SVOCs

SVOCs were not detected at concentrations above the laboratory detection limits in groundwater sample B2.

PFAS

PFAS was not detected at concentrations above the laboratory detection limits in groundwater samples B2 or B3.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions of this assessment are as follows:

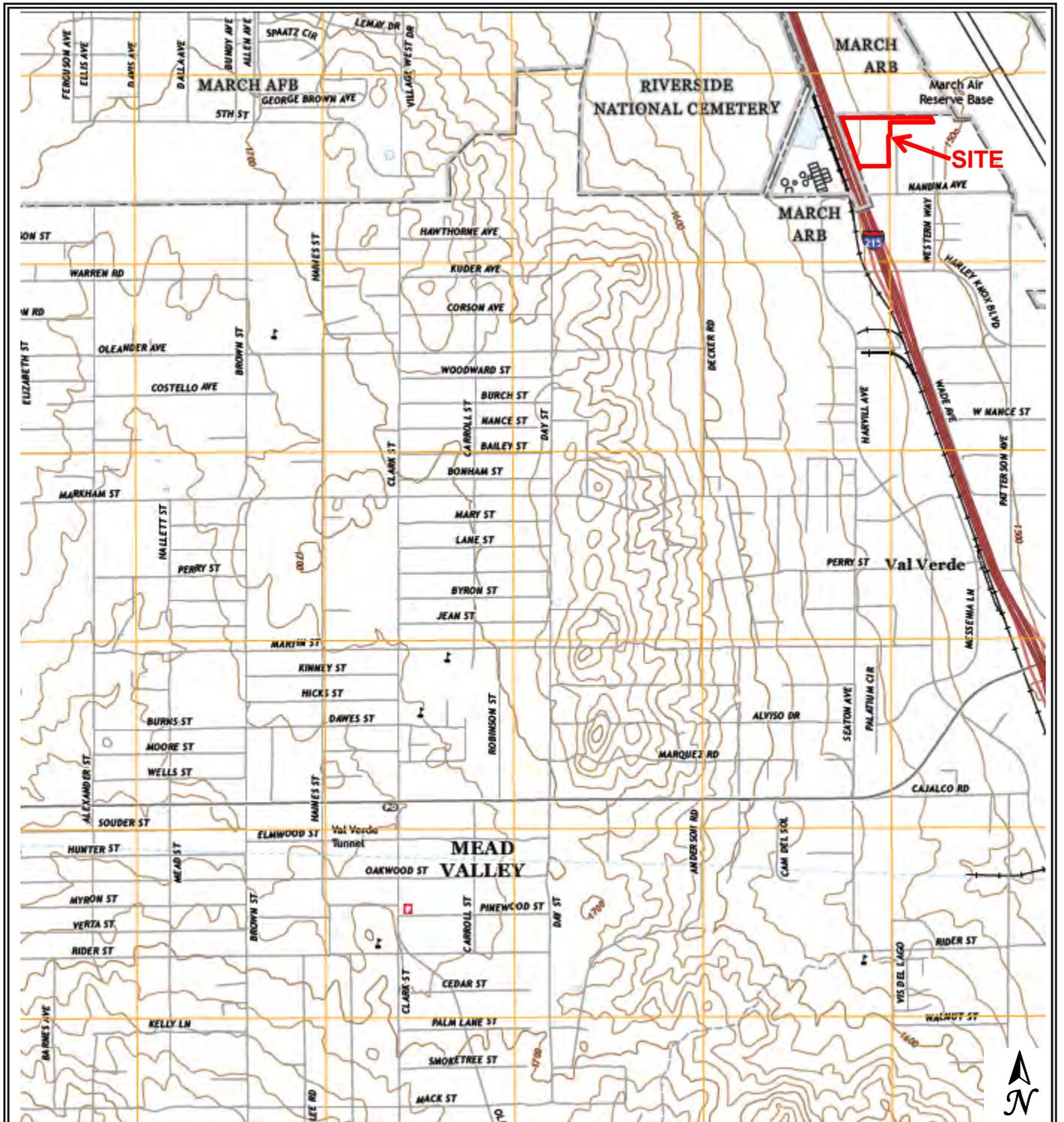
- TPH, VOCs, PCBs, SVOCs and PFAS were not detected in the soil or sediment samples analyzed during this assessment.
- Detected OCP concentrations in soil and sediment did not exceed their respective residential and commercial screening levels.
- Detected metals concentrations in soil and sediment did not exceed their respective residential and commercial screening levels.
- TPH, VOCs, PCBs, OCPs, SVOCs and PFAS were not detected in the groundwater samples analyzed during this assessment.
- The detected barium concentration in groundwater did not exceed its respective maximum contaminant level.

- All data obtained during the subsurface investigation is considered to be valid and useful for decision making purposes. In addition, no upset conditions occurred during the sampling events or completion of the laboratory analysis that may have adversely influenced the results of the investigation.
- Additional assessment at the Site is not warranted at this time.

5.0 LIMITATIONS

The services provided by AEC have been performed in accordance with practices and standards generally accepted by environmental scientists practicing in this industry. No other warranty, either express or implied, is made. The results and conclusions described herein are based on a limited subsurface sampling program and do not purport to identify any and all sources of subsurface impacts that may exist at the Site. Subsurface conditions at a given location may not be representative of conditions in other areas on the Site. In addition, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions, and other factors. Our conclusions regarding the condition of the Site does not represent a warranty that all areas of the Site are similar to those sampled. AEC is not responsible for the conclusions, opinions, or recommendations made by others based on this information.

FIGURES



Steele Peak, CA
2018



145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069
Phone: 760-744-3363 Fax: 760-744-3383

VICINITY MAP
Natwar Property
Natwar Lane
Perris, CA

Work Order No.:
19-314SD

Report Date:
July 2019

Drawn By:
KS



⊗ B1 Approximate Boring Location

— Approximate Site Boundary



145 Vallecitos De Oro, Suite 201
 San Marcos, CA 92069
 Phone: 760-744-3363 Fax: 760-744-3383

SITE PLAN
 Natwar Property
 Natwar Lane
 Perris, California

Work Order No.:
 19-314SD

Report Date:
 July 2019

Drawn By:
 KS

TABLES

TABLE 1
Summary of Soil Analytical Results
Natwar Property
Natwar Lane, Perris, California

Sample ID:	B1-1	B1-3	B2-1	B2-3	B3-1	B3-3	SS1	SS2	Screening Level (residential)	Screening Level (commercial)
Depth (feet bgs)	1	3	1	3	1	3	Surface	Surface		
Total Petroleum Hydrocarbons (TPH) (mg/kg)										
TPH	ND	ND	ND	ND	ND	ND	ND	ND	Varies	Varies
Volatile Organic Compounds (VOCs) (mg/kg)										
VOCs	ND	ND	ND	ND	ND	ND	ND	ND	Varies	Varies
Metals (mg/kg)										
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	31 - ESL	4,700 - ESL
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	12 - DTSC	-
Barium	108	130	144	96.5	114	145	146	94.6	15,000 - RSL	220,000 - RSL
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	16 - DTSC	2,300 - DTSC
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	71 - DTSC	780 - DTSC
Chromium	12.9	13.3	20.3	14.7	14.4	18.0	16.3	11.0	--	--
Cobalt	7.00	6.28	6.61	6.82	8.12	9.93	8.05	5.70	230 - RSL	3,500 - RSL
Copper	8.50	7.44	9.52	8.43	9.72	11.2	13.9	8.28	3,100 - RSL	47,000 - RSL
Lead	ND	ND	ND	ND	ND	ND	ND	ND	80 - DTSC	320 - DTSC
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	1.0 - DTSC	44 - DTSC
Molybdenum	ND	ND	ND	ND	ND	ND	ND	ND	390 - RSL	5,800 - RSL
Nickel	5.63	4.92J	6.71	5.49	6.70	6.64	6.61	4.57J	820 - DTSC	11,000 - DTSC
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	390 - RSL	5,800 - RSL
Silver	ND	ND	ND	ND	ND	ND	ND	ND	390 - RSL	5,800 - RSL
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	0.78 - RSL	1.2 - RSL
Vanadium	27.6	30.2	44.0	33.4	30.9	43.6	34.2	24.5	390 - RSL	5,800 - RSL
Zinc	33.5	31.7	41.5	34.6	38.3	47.4	80.0	45.9	23,000 - RSL	350,000 - RSL
Polychlorinated Biphenyls (PCBs) (mg/kg)										
PCBs	ND	ND	ND	ND	ND	ND	ND	ND	Varies	Varies
Organochlorine Pesticides (OCPs) (ug/Kg)										
4,4'-DDE (DDE)	ND	ND	ND	ND	7.97	ND	2.81	1.93	2,000	9,300
4,4'-DDT (DDT)	ND	ND	ND	ND	2.52	ND	2.07	ND	1,900	7,100
Other OCPs	ND	ND	ND	ND	ND	ND	ND	ND	Varies	Varies
Semivolatile Organic Compounds (SVOCs) (mg/Kg)										
SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	Varies	Varies
Per- and Polyfluoroalkyl Substances (PFAS) (ug/Kg)										
PFAS	ND	ND	ND	ND	ND	ND	ND	ND	--	--

mg/kg = milligrams per kilogram, ug/kg = micrograms per kilogram

ND = Not detectable above laboratory reporting limit

J = estimated concentration

bgs = Below Ground Surface

Table 2
Analytical Results in Groundwater
Natwar Property
Natwar Lane, Perris, California

Sample ID:	B2	B3
Total Petroleum Hydrocarbons (TPH) (mg/L)		
TPH	ND	--
Volatile Organic Compunds (VOCs) (ug/L)		
VOCs	ND	ND
Metals (mg/L)		
Antimony	ND	--
Arsenic	ND	--
Barium	0.0833	--
Beryllium	ND	--
Cadmium	ND	--
Chromium	ND	--
Cobalt	ND	--
Copper	ND	--
Lead	ND	--
Mercury	ND	--
Molybdenum	ND	--
Nickel	ND	--
Selenium	ND	--
Silver	ND	--
Thallium	ND	--
Vanadium	ND	--
Zinc	ND	--
Polychlorinated Biphenyls (PCBs) (ug/L)		
PCBs	ND	--
Organochlorine Pesticides (OCPs) (ug/L)		
OCPs	ND	--
Semivolatile Organic Compounds (SVOCs) (ug/L)		
SVOCs	ND	--
Per- and Polyflouroalkyl Substances (PFAS) (ng/L)		
PFAS	ND	ND

ug/L = micrograms per Liter

mg/L = milligrams per liter

ng/l = nanograms per liter

ND = Not detectable above laboratory reporting limit

APPENDIX A

ANALYTICAL LABORATORY REPORTS



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro Suite 201
San Marcos, CA 92069-

Number of Pages 67
Date Received 06/21/2019
Date Reported 06/28/2019

Telephone: (760)744-3363
Attention: Dan Weis

Job Number	Order Date	Client
98776	06/21/2019	AEC

Project ID: 19-314SD
Project Name: Natwar Ln.
Site: Natwar Ln.
Perris, CA

Enclosed please find results of analyses of 8 soil and 2 water samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



AMERICAN ENVIRONMENTAL TESTING LABORATORY
 2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
 TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD

113432

AETL JOB No. 98776

COMPANY: **AEC**
 PROJECT MANAGER: **Keith Sy**
 COMPANY ADDRESS: **145 W. Locusts Dr. P.O. Ste. 201, San Marcos, CA 92081**
 PHONE: **762-744-3363** FAX: **-3383**
 PROJECT # **19-31452** PO #
 SITE NAME AND ADDRESS: **Northwar Ln, Perris, CA**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED						TEST INSTRUCTIONS & COMMENTS
							DCPS (8081)	PCBS	THX 22 Metals	VOCs	TPH 8015 B	SVOCs	
1	SS1	98776.01	6/19/19	soil	baggie	ice	X	X	X	X	X		
2	SS2	98776.02					X	X	X	X	X		
3	B1-1	98776.03			crack/sealant		X	X	X	X	X		
4	B1-2	98776.04					X	X	X	X	X		
5	B1-3	98776.05					X	X	X	X	X		
6	B2-1	98776.06					X	X	X	X	X		
7	B2-2	98776.07					X	X	X	X	X		
8	B2-3	98776.08					X	X	X	X	X		
9	B3-1	98776.09					X	X	X	X	X		
10	B3-2	98776.10					X	X	X	X	X		
11	B3-3	98776.11					X	X	X	X	X		
12	B2	98776.12		water	various		X	X	X	X	X		
13	B3	98776.13					X	X	X	X	X		

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: **27** RELINQUISHED BY: **1.** RELINQUISHED BY: **2.** RELINQUISHED BY: **3.**

CUSTODY SEALS: Y/N/NA **Y/N/NA** Signature: _____ Signature: _____ Signature: _____
 PROPERLY COOLED: Y/N/NA **Y/N/NA** Printed Name: _____ Printed Name: _____ Printed Name: _____
 SAMPLES INTACT: Y/N/NA **Y/N/NA** Date: _____ Date: _____ Date: _____
 RECEIVED IN GOOD COND.: Y/N **Y/N** Date: **6/21/19** Time: **11:14** RECEIVED BY: **1.** RECEIVED BY: **2.** RECEIVED BY: **3.**

TURN AROUND TIME DATA DELIVERABLE REQUIRED

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY

2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181

TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

COOLER RECEIPT FORM

Client Name: <u>AEC</u>			
Project Name:			
AETL Job Number: <u>98776</u>			
Date Received: <u>06/21/19</u>		Received by: <u>Ant</u>	
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSO <input type="checkbox"/> FedEx <input type="checkbox"/> UPS			
<input type="checkbox"/> Others:			
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u>1</u>) <input type="checkbox"/> Other (Specify):			
Inside temperature of shipping container No 1: <u>3.3</u> , No 2: _____, No 3: _____			
Type of sample containers: <input checked="" type="checkbox"/> VOA, <input checked="" type="checkbox"/> Glass bottles, <input type="checkbox"/> Wide mouth jars, <input checked="" type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Others (Specify): <u>Pl sleeves, 2x Pl bag</u>			
How are samples preserved: <input type="checkbox"/> None, <input type="checkbox"/> Ice, <input checked="" type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice			
<input type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input checked="" type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH			
<input type="checkbox"/> Other (Specify):			
	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	<u>Y</u>		
2. Are the Sample labels legible?	<u>Y</u>		
3. Do samples match the COC?	<u>Y</u>		
4. Are the required analyses clear?	<u>Y</u>		
5. Is there enough samples for required analysis?	<u>Y</u>		
6. Are samples sealed with evidence tape?		<u>Y</u>	
7. Are sample containers in good condition?	<u>Y</u>		
8. Are samples preserved?	<u>Y</u>		
9. Are samples preserved properly for the intended analysis?	<u>Y</u>		
10. Are the VOAs free of headspace?	<u>Y</u>		
11. Are the jars free of headspace?	<u>N/A</u>		

Explain all "No" answers for above questions:



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Page: 1 A

Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro Suite 201
San Marcos, CA 92069-

Project ID: 19-314SD
Date Received 06/21/2019
Date Reported 06/28/2019

Telephone: (760)744-3363

Attention: Dan Weis

Job Number	Order Date	Client
98776	06/21/2019	AEC

CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 13 samples with the following specification on 06/21/2019.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers		
98776.12	B2	06/19/2019	Aqueous	2		
Method ^ Submethod		Req Date	Priority	TAT	Units	
6010/7000CAM		06/28/2019	2	Normal	mg/L	
8081A		06/28/2019	2	Normal	ug/L	
8082		06/28/2019	2	Normal	ug/L	
8260B		06/28/2019	2	Normal	ug/L	
8270C		06/28/2019	2	Normal	ug/L	
M8015D ^ C13-C40		06/28/2019	2	Normal	mg/L	
M8015G		06/28/2019	2	Normal	mg/L	
98776.13	B3	06/19/2019	Aqueous	1		
Method ^ Submethod		Req Date	Priority	TAT	Units	
8260B		06/28/2019	2	Normal	ug/L	
Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers		
98776.01	SS1	06/19/2019	Soil	1		
98776.02	SS2	06/19/2019	Soil	1		
98776.03	B1-1	06/19/2019	Soil	1		
98776.05	B1-3	06/19/2019	Soil	1		
98776.06	B2-1	06/19/2019	Soil	1		
98776.08	B2-3	06/19/2019	Soil	1		
98776.09	B3-1	06/19/2019	Soil	1		
98776.11	B3-3	06/19/2019	Soil	1		
Method ^ Submethod		Req Date	Priority	TAT	Units	
(6010B/7000CAM)		06/28/2019	2	Normal	mg/Kg	
(8081A)		06/28/2019	2	Normal	ug/Kg	
(8082)		06/28/2019	2	Normal	ug/Kg	
(8260B)		06/28/2019	2	Normal	ug/Kg	
(8270C)		06/28/2019	2	Normal	mg/Kg	

Continued



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Page: 1 B

Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro Suite 201
San Marcos, CA 92069-

Project ID: 19-314SD
Date Received 06/21/2019
Date Reported 06/28/2019

Telephone: (760)744-3363
Attention: Dan Weis

Job Number	Order Date	Client
98776	06/21/2019	AEC

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

98776.11	B3-3	06/19/2019	Soil		1
	Method ^ Submethod	Req Date	Priority	TAT	Units
	(M8015D) ^ C13-C40	06/28/2019	2	Normal	mg/Kg
	(M8015G)	06/28/2019	2	Normal	mg/Kg
98776.04	B1-2	06/19/2019	Soil		2
98776.07	B2-2	06/19/2019	Soil		2
98776.10	B3-2	06/19/2019	Soil		2
	Method ^ Submethod	Req Date	Priority	TAT	Units
	ARCHIVE	06/28/2019	2	Normal	--

The samples were analyzed as specified on the enclosed chain of custody. Analytical non-conformances have been noted on the report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



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ANALYTICAL RESULTS

Ordered By

Advantage Environmental Consultants
 145 Vallecitos De Oro
 Suite 201
 San Marcos, CA 92069-

Site

Natwar Ln.
 Perris, CA

Telephone: (760)744-3363

Attn: Dan Weis

Page: 2

Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1

Our Lab I.D.			Method Blank	98776.01		
Client Sample I.D.				SS1		
Date Sampled				06/19/2019		
Date Prepared			06/24/2019	06/19/2019		
Preparation Method			5030	5030		
Date Analyzed			06/24/2019	06/24/2019		
Matrix			Soil	Soil		
Units			ug/Kg	ug/Kg		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Acetone	25	50	ND	ND		
Benzene	1.0	10.0	ND	ND		
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND		
Bromochloromethane	5.0	10.0	ND	ND		
Bromodichloromethane	5.0	10.0	ND	ND		
Bromoform (Tribromomethane)	25	50	ND	ND		
Bromomethane (Methyl bromide)	15	30	ND	ND		
2-Butanone (MEK)	25	50	ND	ND		
n-Butylbenzene	5.0	10.0	ND	ND		
sec-Butylbenzene	5.0	10.0	ND	ND		
tert-Butylbenzene	5.0	10.0	ND	ND		
Carbon Disulfide	25	50	ND	ND		
Carbon tetrachloride	5.0	10.0	ND	ND		
Chlorobenzene	5.0	10.0	ND	ND		
Chloroethane	15	30	ND	ND		
2-Chloroethyl vinyl ether	50	50	ND	ND		
Chloroform (Trichloromethane)	5.0	10.0	ND	ND		
Chloromethane (Methyl chloride)	15	30	ND	ND		
2-Chlorotoluene	5.0	10.0	ND	ND		
4-Chlorotoluene	5.0	10.0	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND		
Dibromochloromethane	5.0	10.0	ND	ND		
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND		
Dibromomethane	5.0	10.0	ND	ND		
1,2-Dichlorobenzene	5.0	10.0	ND	ND		
1,3-Dichlorobenzene	5.0	10.0	ND	ND		
1,4-Dichlorobenzene	5.0	10.0	ND	ND		



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1

Our Lab I.D.		Method Blank	98776.01			
Client Sample I.D.			SS1			
Date Sampled			06/19/2019			
Date Prepared		06/24/2019	06/19/2019			
Preparation Method		5030	5030			
Date Analyzed		06/24/2019	06/24/2019			
Matrix		Soil	Soil			
Units		ug/Kg	ug/Kg			
Dilution Factor		1	1			
Analytes	MDL	PQL	Results	Results		
Dichlorodifluoromethane	15	30	ND	ND		
1,1-Dichloroethane	5.0	10.0	ND	ND		
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND		
1,1-Dichloroethene	5.0	10.0	ND	ND		
cis-1,2-Dichloroethene	5.0	10.0	ND	ND		
trans-1,2-Dichloroethene	5.0	10.0	ND	ND		
1,2-Dichloropropane	5.0	10.0	ND	ND		
1,3-Dichloropropane	5.0	10.0	ND	ND		
2,2-Dichloropropane	5.0	10.0	ND	ND		
1,1-Dichloropropene	5.0	10.0	ND	ND		
cis-1,3-Dichloropropene	5.0	10.0	ND	ND		
trans-1,3-Dichloropropene	5.0	10.0	ND	ND		
Ethylbenzene	1.0	10.0	ND	ND		
Hexachlorobutadiene	15	30	ND	ND		
2-Hexanone	25	50	ND	ND		
Iodomethane	5.0	10.0	ND	ND		
Isopropylbenzene	5.0	10.0	ND	ND		
p-Isopropyltoluene	5.0	10.0	ND	ND		
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND		
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND		
Methylene chloride (DCM)	25	50	ND	ND		
Naphthalene	5.0	10.0	ND	ND		
n-Propylbenzene	5.0	10.0	ND	ND		
Styrene	5.0	10.0	ND	ND		
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND		
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND		
Tetrachloroethene	2.0	10.0	ND	ND		
Toluene (Methyl benzene)	1.0	10.0	ND	ND		
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND		
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND		
1,1,1-Trichloroethane	5.0	10.0	ND	ND		
1,1,2-Trichloroethane	5.0	10.0	ND	ND		
Trichloroethene	1.5	10.0	ND	ND		
Trichlorofluoromethane	5.0	10.0	ND	ND		



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1

Our Lab I.D.			Method Blank	98776.01			
Client Sample I.D.				SS1			
Date Sampled				06/19/2019			
Date Prepared			06/24/2019	06/19/2019			
Preparation Method			5030	5030			
Date Analyzed			06/24/2019	06/24/2019			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
1,2,3-Trichloropropane	1.0	5.0	ND	ND			
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND			
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND			
Vinyl Acetate	25	50	ND	ND			
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND			
o-Xylene	1.0	10.0	ND	ND			
m,p-Xylenes	1.0	20.0	ND	ND			
Our Lab I.D.			Method Blank	98776.01			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
Bromofluorobenzene	75-125		101	104			
Dibromofluoromethane	75-125		111	113			
Toluene-d8	75-125		105	104			



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ANALYTICAL RESULTS

Ordered By

Advantage Environmental Consultants
 145 Vallecitos De Oro
 Suite 201
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Site

Natwar Ln.
 Perris, CA

Telephone: (760)744-3363

Attn: Dan Weis

Page: 5

Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0625192A1

Our Lab I.D.			Method Blank	98776.02		
Client Sample I.D.				SS2		
Date Sampled				06/19/2019		
Date Prepared			06/25/2019	06/25/2019		
Preparation Method			5030	5030		
Date Analyzed			06/25/2019	06/25/2019		
Matrix			Soil	Soil		
Units			ug/Kg	ug/Kg		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Acetone	25	50	ND	ND		
Benzene	1.0	10.0	ND	ND		
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND		
Bromochloromethane	5.0	10.0	ND	ND		
Bromodichloromethane	5.0	10.0	ND	ND		
Bromoform (Tribromomethane)	25	50	ND	ND		
Bromomethane (Methyl bromide)	15	30	ND	ND		
2-Butanone (MEK)	25	50	ND	ND		
n-Butylbenzene	5.0	10.0	ND	ND		
sec-Butylbenzene	5.0	10.0	ND	ND		
tert-Butylbenzene	5.0	10.0	ND	ND		
Carbon Disulfide	25	50	ND	ND		
Carbon tetrachloride	5.0	10.0	ND	ND		
Chlorobenzene	5.0	10.0	ND	ND		
Chloroethane	15	30	ND	ND		
2-Chloroethyl vinyl ether	50	50	ND	ND		
Chloroform (Trichloromethane)	5.0	10.0	ND	ND		
Chloromethane (Methyl chloride)	15	30	ND	ND		
2-Chlorotoluene	5.0	10.0	ND	ND		
4-Chlorotoluene	5.0	10.0	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND		
Dibromochloromethane	5.0	10.0	ND	ND		
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND		
Dibromomethane	5.0	10.0	ND	ND		
1,2-Dichlorobenzene	5.0	10.0	ND	ND		
1,3-Dichlorobenzene	5.0	10.0	ND	ND		
1,4-Dichlorobenzene	5.0	10.0	ND	ND		



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ANALYTICAL RESULTS

Page: 6

Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0625192A1

Our Lab I.D.		Method Blank	98776.02			
Client Sample I.D.			SS2			
Date Sampled			06/19/2019			
Date Prepared		06/25/2019	06/25/2019			
Preparation Method		5030	5030			
Date Analyzed		06/25/2019	06/25/2019			
Matrix		Soil	Soil			
Units		ug/Kg	ug/Kg			
Dilution Factor		1	1			
Analytes	MDL	PQL	Results	Results		
Dichlorodifluoromethane	15	30	ND	ND		
1,1-Dichloroethane	5.0	10.0	ND	ND		
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND		
1,1-Dichloroethene	5.0	10.0	ND	ND		
cis-1,2-Dichloroethene	5.0	10.0	ND	ND		
trans-1,2-Dichloroethene	5.0	10.0	ND	ND		
1,2-Dichloropropane	5.0	10.0	ND	ND		
1,3-Dichloropropane	5.0	10.0	ND	ND		
2,2-Dichloropropane	5.0	10.0	ND	ND		
1,1-Dichloropropene	5.0	10.0	ND	ND		
cis-1,3-Dichloropropene	5.0	10.0	ND	ND		
trans-1,3-Dichloropropene	5.0	10.0	ND	ND		
Ethylbenzene	1.0	10.0	ND	ND		
Hexachlorobutadiene	15	30	ND	ND		
2-Hexanone	25	50	ND	ND		
Iodomethane	5.0	10.0	ND	ND		
Isopropylbenzene	5.0	10.0	ND	ND		
p-Isopropyltoluene	5.0	10.0	ND	ND		
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND		
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND		
Methylene chloride (DCM)	25	50	ND	ND		
Naphthalene	5.0	10.0	ND	ND		
n-Propylbenzene	5.0	10.0	ND	ND		
Styrene	5.0	10.0	ND	ND		
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND		
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND		
Tetrachloroethene	2.0	10.0	ND	ND		
Toluene (Methyl benzene)	1.0	10.0	ND	ND		
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND		
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND		
1,1,1-Trichloroethane	5.0	10.0	ND	ND		
1,1,2-Trichloroethane	5.0	10.0	ND	ND		
Trichloroethene	1.5	10.0	ND	ND		
Trichlorofluoromethane	5.0	10.0	ND	ND		



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ANALYTICAL RESULTS

Page: 7

Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0625192A1

Our Lab I.D.			Method Blank	98776.02			
Client Sample I.D.				SS2			
Date Sampled				06/19/2019			
Date Prepared			06/25/2019	06/25/2019			
Preparation Method			5030	5030			
Date Analyzed			06/25/2019	06/25/2019			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
1,2,3-Trichloropropane	1.0	5.0	ND	ND			
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND			
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND			
Vinyl Acetate	25	50	ND	ND			
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND			
o-Xylene	1.0	10.0	ND	ND			
m,p-Xylenes	1.0	20.0	ND	ND			
Our Lab I.D.			Method Blank	98776.02			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
Bromofluorobenzene	75-125		103	106			
Dibromofluoromethane	75-125		109	106			
Toluene-d8	75-125		104	106			



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ANALYTICAL RESULTS

Ordered By

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Site

Natwar Ln.
 Perris, CA

Telephone: (760)744-3363

Attn: Dan Weis

Page: 8

Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1

Our Lab I.D.			98776.03	98776.05	98776.06	98776.08	98776.09
Client Sample I.D.			B1-1	B1-3	B2-1	B2-3	B3-1
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	06/19/2019
Date Prepared			06/19/2019	06/19/2019	06/19/2019	06/19/2019	06/19/2019
Preparation Method			5030	5030	5030	5030	5030
Date Analyzed			06/24/2019	06/24/2019	06/24/2019	06/24/2019	06/24/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1

Our Lab I.D.			98776.03	98776.05	98776.06	98776.08	98776.09
Client Sample I.D.			B1-1	B1-3	B2-1	B2-3	B3-1
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	06/19/2019
Date Prepared			06/19/2019	06/19/2019	06/19/2019	06/19/2019	06/19/2019
Preparation Method			5030	5030	5030	5030	5030
Date Analyzed			06/24/2019	06/24/2019	06/24/2019	06/24/2019	06/24/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Iodomethane	5.0	10.0	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1

Our Lab I.D.			98776.03	98776.05	98776.06	98776.08	98776.09
Client Sample I.D.			B1-1	B1-3	B2-1	B2-3	B3-1
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	06/19/2019
Date Prepared			06/19/2019	06/19/2019	06/19/2019	06/19/2019	06/19/2019
Preparation Method			5030	5030	5030	5030	5030
Date Analyzed			06/24/2019	06/24/2019	06/24/2019	06/24/2019	06/24/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
1,2,3-Trichloropropane	1.0	5.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND	ND	ND
o-Xylene	1.0	10.0	ND	ND	ND	ND	ND
m,p-Xylenes	1.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			98776.03	98776.05	98776.06	98776.08	98776.09
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		106	105	104	104	104
Dibromofluoromethane	75-125		116	119	118	111	115
Toluene-d8	75-125		105	105	104	104	104



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1

Our Lab I.D.	98776.11		
Client Sample I.D.	B3-3		
Date Sampled	06/19/2019		
Date Prepared	06/19/2019		
Preparation Method	5030		
Date Analyzed	06/24/2019		
Matrix	Soil		
Units	ug/Kg		
Dilution Factor	1		
Analytes	MDL	PQL	Results
Acetone	25	50	ND
Benzene	1.0	10.0	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND
Bromochloromethane	5.0	10.0	ND
Bromodichloromethane	5.0	10.0	ND
Bromoform (Tribromomethane)	25	50	ND
Bromomethane (Methyl bromide)	15	30	ND
2-Butanone (MEK)	25	50	ND
n-Butylbenzene	5.0	10.0	ND
sec-Butylbenzene	5.0	10.0	ND
tert-Butylbenzene	5.0	10.0	ND
Carbon Disulfide	25	50	ND
Carbon tetrachloride	5.0	10.0	ND
Chlorobenzene	5.0	10.0	ND
Chloroethane	15	30	ND
2-Chloroethyl vinyl ether	50	50	ND
Chloroform (Trichloromethane)	5.0	10.0	ND
Chloromethane (Methyl chloride)	15	30	ND
2-Chlorotoluene	5.0	10.0	ND
4-Chlorotoluene	5.0	10.0	ND
1,2-Dibromo-3-chloropropane (DBCP)	5.0	10.0	ND
Dibromochloromethane	5.0	10.0	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND
Dibromomethane	5.0	10.0	ND
1,2-Dichlorobenzene	5.0	10.0	ND
1,3-Dichlorobenzene	5.0	10.0	ND
1,4-Dichlorobenzene	5.0	10.0	ND



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1

Our Lab I.D.			98776.11			
Client Sample I.D.			B3-3			
Date Sampled			06/19/2019			
Date Prepared			06/19/2019			
Preparation Method			5030			
Date Analyzed			06/24/2019			
Matrix			Soil			
Units			ug/Kg			
Dilution Factor			1			
Analytes	MDL	PQL	Results			
Dichlorodifluoromethane	15	30	ND			
1,1-Dichloroethane	5.0	10.0	ND			
1,2-Dichloroethane (EDC)	5.0	10.0	ND			
1,1-Dichloroethene	5.0	10.0	ND			
cis-1,2-Dichloroethene	5.0	10.0	ND			
trans-1,2-Dichloroethene	5.0	10.0	ND			
1,2-Dichloropropane	5.0	10.0	ND			
1,3-Dichloropropane	5.0	10.0	ND			
2,2-Dichloropropane	5.0	10.0	ND			
1,1-Dichloropropene	5.0	10.0	ND			
cis-1,3-Dichloropropene	5.0	10.0	ND			
trans-1,3-Dichloropropene	5.0	10.0	ND			
Ethylbenzene	1.0	10.0	ND			
Hexachlorobutadiene	15	30	ND			
2-Hexanone	25	50	ND			
Iodomethane	5.0	10.0	ND			
Isopropylbenzene	5.0	10.0	ND			
p-Isopropyltoluene	5.0	10.0	ND			
4-Methyl-2-pentanone (MIBK)	25	50	ND			
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND			
Methylene chloride (DCM)	25	50	ND			
Naphthalene	5.0	10.0	ND			
n-Propylbenzene	5.0	10.0	ND			
Styrene	5.0	10.0	ND			
1,1,1,2-Tetrachloroethane	5.0	10.0	ND			
1,1,2,2-Tetrachloroethane	5.0	10.0	ND			
Tetrachloroethene	2.0	10.0	ND			
Toluene (Methyl benzene)	1.0	10.0	ND			
1,2,3-Trichlorobenzene	5.0	10.0	ND			
1,2,4-Trichlorobenzene	5.0	10.0	ND			
1,1,1-Trichloroethane	5.0	10.0	ND			
1,1,2-Trichloroethane	5.0	10.0	ND			
Trichloroethene	1.5	10.0	ND			
Trichlorofluoromethane	5.0	10.0	ND			



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1

Our Lab I.D.			98776.11			
Client Sample I.D.			B3-3			
Date Sampled			06/19/2019			
Date Prepared			06/19/2019			
Preparation Method			5030			
Date Analyzed			06/24/2019			
Matrix			Soil			
Units			ug/Kg			
Dilution Factor			1			
Analytes	MDL	PQL	Results			
1,2,3-Trichloropropane	1.0	5.0	ND			
1,2,4-Trimethylbenzene	5.0	10.0	ND			
1,3,5-Trimethylbenzene	5.0	10.0	ND			
Vinyl Acetate	25	50	ND			
Vinyl chloride (Chloroethene)	5.0	10.0	ND			
o-Xylene	1.0	10.0	ND			
m,p-Xylenes	1.0	20.0	ND			
Our Lab I.D.			98776.11			
Surrogates	%Rec.Limit		% Rec.			
Bromofluorobenzene	75-125		105			
Dibromofluoromethane	75-125		114			
Toluene-d8	75-125		103			



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 0624190B2

Our Lab I.D.			Method Blank	98776.01		
Client Sample I.D.				SS1		
Date Sampled				06/19/2019		
Date Prepared			06/24/2019	06/25/2019		
Preparation Method			5030	5030		
Date Analyzed			06/25/2019	06/25/2019		
Matrix			Soil	Soil		
Units			mg/Kg	mg/Kg		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND		
Our Lab I.D.			Method Blank	98776.01		
Surrogates	%Rec.Limit		% Rec.	% Rec.		
Bromofluorobenzene	75-125		102	101		



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 0624190B1

Our Lab I.D.		Method Blank	98776.02	98776.03	98776.05	98776.06
Client Sample I.D.			SS2	B1-1	B1-3	B2-1
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019
Date Prepared		06/24/2019	06/24/2019	06/24/2019	06/24/2019	06/24/2019
Preparation Method		5030	5030	5030	5030	5030
Date Analyzed		06/24/2019	06/24/2019	06/24/2019	06/24/2019	06/24/2019
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND	ND
Our Lab I.D.		Method Blank	98776.02	98776.03	98776.05	98776.06
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125	102	98.6	102	98.8	104



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 062419OB1

Our Lab I.D.			98776.08	98776.09	98776.11		
Client Sample I.D.			B2-3	B3-1	B3-3		
Date Sampled			06/19/2019	06/19/2019	06/19/2019		
Date Prepared			06/24/2019	06/24/2019	06/24/2019		
Preparation Method			5030	5030	5030		
Date Analyzed			06/24/2019	06/24/2019	06/24/2019		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
TPH as Gasoline and Light HC. (C4-C12)	0.100	1.000	ND	ND	ND		
Our Lab I.D.			98776.08	98776.09	98776.11		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Bromofluorobenzene	75-125		98.0	98.8	100		



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 062419PB1

Our Lab I.D.		Method Blank	98776.01	98776.02	98776.03	98776.05	
Client Sample I.D.			SS1	SS2	B1-1	B1-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared		06/24/2019	06/24/2019	06/24/2019	06/24/2019	06/24/2019	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		06/24/2019	06/24/2019	06/24/2019	06/24/2019	06/24/2019	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	1.0	5.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	98776.01	98776.02	98776.03	98776.05	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.	
Chlorobenzene	75-125	117	110	106	107	110	



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 062419PB1

Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Client Sample I.D.			B2-1	B2-3	B3-1	B3-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared			06/24/2019	06/24/2019	06/24/2019	06/24/2019	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			06/24/2019	06/24/2019	06/24/2019	06/24/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
TPH as Diesel (C13-C22)	1.0	5.0	ND	ND	ND	ND	
TPH as Heavy Hydrocarbons (C23-C40)	1.0	5.0	ND	ND	ND	ND	
TPH Total as Diesel and Heavy HC.C13-C40	1.0	5.0	ND	ND	ND	ND	
Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Chlorobenzene	75-125		108	110	109	102	



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Telephone: (760)744-3363

Attn: Dan Weis

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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062519JB1

Our Lab I.D.			Method Blank	98776.01	98776.02	98776.03	98776.05
Client Sample I.D.				SS1	SS2	B1-1	B1-3
Date Sampled				06/19/2019	06/19/2019	06/19/2019	06/19/2019
Date Prepared			06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Acenaphthene	0.25	0.50	ND	ND	ND	ND	ND
Acenaphthylene	0.25	0.50	ND	ND	ND	ND	ND
Anthracene	0.25	0.50	ND	ND	ND	ND	ND
Azobenzene	0.25	0.50	ND	ND	ND	ND	ND
Benzidine	0.25	0.50	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.25	0.50	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.25	0.50	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.25	0.50	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	0.25	0.50	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.25	0.50	ND	ND	ND	ND	ND
Benzoic Acid	0.25	0.50	ND	ND	ND	ND	ND
Benzyl Alcohol	0.25	0.50	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	0.25	0.50	ND	ND	ND	ND	ND
Bis(2-Chloroethyl)ether	0.25	0.50	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl) ether	0.25	0.50	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	0.25	0.50	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	0.25	0.50	ND	ND	ND	ND	ND
Butyl benzyl phthalate	0.25	0.50	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.25	0.50	ND	ND	ND	ND	ND
4-Chloroaniline	0.25	0.50	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.25	0.50	ND	ND	ND	ND	ND
2-Chlorophenol	0.25	0.50	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	0.25	0.50	ND	ND	ND	ND	ND
Chrysene	0.25	0.50	ND	ND	ND	ND	ND
Di-n-butyl phthalate	0.25	0.50	ND	ND	ND	ND	ND
Di-n-octyl phthalate (Diocetyl ester)	0.25	0.50	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.25	0.50	ND	ND	ND	ND	ND



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ANALYTICAL RESULTS

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Project ID: 19-314SD
Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062519JB1

Our Lab I.D.			Method Blank	98776.01	98776.02	98776.03	98776.05
Client Sample I.D.				SS1	SS2	B1-1	B1-3
Date Sampled				06/19/2019	06/19/2019	06/19/2019	06/19/2019
Date Prepared			06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Dibenzofuran	0.25	0.50	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.25	0.50	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.25	0.50	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.25	0.50	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	0.25	0.50	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.25	0.50	ND	ND	ND	ND	ND
2,6-Dichlorophenol	0.25	0.50	ND	ND	ND	ND	ND
Diethyl phthalate (Diethyl ester)	0.25	0.50	ND	ND	ND	ND	ND
Dimethyl phthalate (Dimethyl ester)	0.25	0.50	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.25	0.50	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	0.25	0.50	ND	ND	ND	ND	ND
2,4-Dinitrophenol	0.25	0.50	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.25	0.50	ND	ND	ND	ND	ND
2,6-Dinitrotoluene (2,6-DNT)	0.25	0.50	ND	ND	ND	ND	ND
Fluoranthene	0.25	0.50	ND	ND	ND	ND	ND
Fluorene	0.25	0.50	ND	ND	ND	ND	ND
Hexachlorobenzene	0.25	0.50	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.25	0.50	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	0.25	0.50	ND	ND	ND	ND	ND
Hexachloroethane	0.25	0.50	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.25	0.50	ND	ND	ND	ND	ND
Isophorone	0.25	0.50	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.25	0.50	ND	ND	ND	ND	ND
4-Methylphenol	0.25	0.50	ND	ND	ND	ND	ND
2-Methylphenol (2-Cresol)	0.25	0.50	ND	ND	ND	ND	ND
3-Methylphenol (3-Cresol)	0.25	0.50	ND	ND	ND	ND	ND
N-Nitroso-Di-n-propylamine	0.25	0.50	ND	ND	ND	ND	ND
Naphthalene	0.25	0.50	ND	ND	ND	ND	ND
2-Nitroaniline	0.25	0.50	ND	ND	ND	ND	ND
3-Nitroaniline	0.25	0.50	ND	ND	ND	ND	ND
4-Nitroaniline	0.25	0.50	ND	ND	ND	ND	ND
Nitrobenzene (NB)	0.25	0.50	ND	ND	ND	ND	ND
4-Nitrophenol	0.25	0.50	ND	ND	ND	ND	ND
2-Nitrophenol (o-Nitrophenol)	0.25	0.50	ND	ND	ND	ND	ND



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062519JB1

Our Lab I.D.		Method Blank	98776.01	98776.02	98776.03	98776.05	
Client Sample I.D.			SS1	SS2	B1-1	B1-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared		06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
N-nitrosodiphenylamine	0.25	0.50	ND	ND	ND	ND	ND
Pentachlorophenol	0.25	0.50	ND	ND	ND	ND	ND
Phenanthrene	0.25	0.50	ND	ND	ND	ND	ND
Phenol	0.25	0.50	ND	ND	ND	ND	ND
Pyrene	0.25	0.50	ND	ND	ND	ND	ND
Pyridine	0.25	0.50	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.25	0.50	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.25	0.50	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.25	0.50	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	98776.01	98776.02	98776.03	98776.05	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.	
2-Fluorophenol	25-121	74.0	66.4	71.8	67.4	65.0	
2-Fluorobiphenyl	30-115	80.8	76.8	81.6	75.6	68.8	
Nitrobenzene-d5	23-120	72.8	72.4	75.2	70.8	66.0	
Phenol-d6	21-113	65.2	62.8	67.6	62.0	60.6	
p-Terphenyl-D14	18-137	82.8	80.4	92.0	86.0	71.6	
2,4,6-Tribromophenol	19-122	60.6	50.0	63.8	61.8	51.0	



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062519JB1

Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Client Sample I.D.			B2-1	B2-3	B3-1	B3-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
Acenaphthene	0.25	0.50	ND	ND	ND	ND	
Acenaphthylene	0.25	0.50	ND	ND	ND	ND	
Anthracene	0.25	0.50	ND	ND	ND	ND	
Azobenzene	0.25	0.50	ND	ND	ND	ND	
Benzidine	0.25	0.50	ND	ND	ND	ND	
Benzo(a)anthracene	0.25	0.50	ND	ND	ND	ND	
Benzo(a)pyrene	0.25	0.50	ND	ND	ND	ND	
Benzo(b)fluoranthene	0.25	0.50	ND	ND	ND	ND	
Benzo(g,h,i)perylene	0.25	0.50	ND	ND	ND	ND	
Benzo(k)fluoranthene	0.25	0.50	ND	ND	ND	ND	
Benzoic Acid	0.25	0.50	ND	ND	ND	ND	
Benzyl Alcohol	0.25	0.50	ND	ND	ND	ND	
Bis(2-Chloroethoxy)methane	0.25	0.50	ND	ND	ND	ND	
Bis(2-Chloroethyl)ether	0.25	0.50	ND	ND	ND	ND	
Bis(2-chloroisopropyl) ether	0.25	0.50	ND	ND	ND	ND	
Bis(2-ethylhexyl) phthalate	0.25	0.50	ND	ND	ND	ND	
4-Bromophenyl phenyl ether	0.25	0.50	ND	ND	ND	ND	
Butyl benzyl phthalate	0.25	0.50	ND	ND	ND	ND	
4-Chloro-3-methylphenol	0.25	0.50	ND	ND	ND	ND	
4-Chloroaniline	0.25	0.50	ND	ND	ND	ND	
2-Chloronaphthalene	0.25	0.50	ND	ND	ND	ND	
2-Chlorophenol	0.25	0.50	ND	ND	ND	ND	
4-Chlorophenyl phenyl ether	0.25	0.50	ND	ND	ND	ND	
Chrysene	0.25	0.50	ND	ND	ND	ND	
Di-n-butyl phthalate	0.25	0.50	ND	ND	ND	ND	
Di-n-octyl phthalate (Diocetyl ester)	0.25	0.50	ND	ND	ND	ND	
Dibenzo(a,h)anthracene	0.25	0.50	ND	ND	ND	ND	



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ANALYTICAL RESULTS

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Project ID: 19-314SD
Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062519JB1

Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Client Sample I.D.			B2-1	B2-3	B3-1	B3-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
Dibenzofuran	0.25	0.50	ND	ND	ND	ND	
1,2-Dichlorobenzene	0.25	0.50	ND	ND	ND	ND	
1,3-Dichlorobenzene	0.25	0.50	ND	ND	ND	ND	
1,4-Dichlorobenzene	0.25	0.50	ND	ND	ND	ND	
3,3'-Dichlorobenzidine	0.25	0.50	ND	ND	ND	ND	
2,4-Dichlorophenol	0.25	0.50	ND	ND	ND	ND	
2,6-Dichlorophenol	0.25	0.50	ND	ND	ND	ND	
Diethyl phthalate (Diethyl ester)	0.25	0.50	ND	ND	ND	ND	
Dimethyl phthalate (Dimethyl ester)	0.25	0.50	ND	ND	ND	ND	
2,4-Dimethylphenol	0.25	0.50	ND	ND	ND	ND	
4,6-Dinitro-2-methylphenol	0.25	0.50	ND	ND	ND	ND	
2,4-Dinitrophenol	0.25	0.50	ND	ND	ND	ND	
2,4-Dinitrotoluene	0.25	0.50	ND	ND	ND	ND	
2,6-Dinitrotoluene (2,6-DNT)	0.25	0.50	ND	ND	ND	ND	
Fluoranthene	0.25	0.50	ND	ND	ND	ND	
Fluorene	0.25	0.50	ND	ND	ND	ND	
Hexachlorobenzene	0.25	0.50	ND	ND	ND	ND	
Hexachlorobutadiene	0.25	0.50	ND	ND	ND	ND	
Hexachlorocyclopentadiene	0.25	0.50	ND	ND	ND	ND	
Hexachloroethane	0.25	0.50	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	0.25	0.50	ND	ND	ND	ND	
Isophorone	0.25	0.50	ND	ND	ND	ND	
2-Methylnaphthalene	0.25	0.50	ND	ND	ND	ND	
4-Methylphenol	0.25	0.50	ND	ND	ND	ND	
2-Methylphenol (2-Cresol)	0.25	0.50	ND	ND	ND	ND	
3-Methylphenol (3-Cresol)	0.25	0.50	ND	ND	ND	ND	
N-Nitroso-Di-n-propylamine	0.25	0.50	ND	ND	ND	ND	
Naphthalene	0.25	0.50	ND	ND	ND	ND	
2-Nitroaniline	0.25	0.50	ND	ND	ND	ND	
3-Nitroaniline	0.25	0.50	ND	ND	ND	ND	
4-Nitroaniline	0.25	0.50	ND	ND	ND	ND	
Nitrobenzene (NB)	0.25	0.50	ND	ND	ND	ND	
4-Nitrophenol	0.25	0.50	ND	ND	ND	ND	
2-Nitrophenol (o-Nitrophenol)	0.25	0.50	ND	ND	ND	ND	



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062519JB1

Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Client Sample I.D.			B2-1	B2-3	B3-1	B3-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
N-nitrosodiphenylamine	0.25	0.50	ND	ND	ND	ND	
Pentachlorophenol	0.25	0.50	ND	ND	ND	ND	
Phenanthrene	0.25	0.50	ND	ND	ND	ND	
Phenol	0.25	0.50	ND	ND	ND	ND	
Pyrene	0.25	0.50	ND	ND	ND	ND	
Pyridine	0.25	0.50	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	0.25	0.50	ND	ND	ND	ND	
2,4,5-Trichlorophenol	0.25	0.50	ND	ND	ND	ND	
2,4,6-Trichlorophenol	0.25	0.50	ND	ND	ND	ND	
Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
2-Fluorophenol	25-121		79.8	66.2	62.0	61.0	
2-Fluorobiphenyl	30-115		88.4	71.6	67.6	68.0	
Nitrobenzene-d5	23-120		80.4	66.0	63.2	64.4	
Phenol-d6	21-113		72.8	59.6	56.0	56.2	
p-Terphenyl-D14	18-137		95.2	75.6	70.4	76.8	
2,4,6-Tribromophenol	19-122		67.8	54.2	50.0	56.6	



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ANALYTICAL RESULTS

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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8081A), Organochlorine Pesticides by GC

QC Batch No: 062519EB1

Our Lab I.D.		Method Blank	98776.01	98776.02	98776.03	98776.05	
Client Sample I.D.			SS1	SS2	B1-1	B1-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared		06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aldrin	1.0	2.0	ND	ND	ND	ND	ND
Chlordane (Total)	1.0	2.0	ND	ND	ND	ND	ND
Chlordane (alpha)	1.0	2.0	ND	ND	ND	ND	ND
4,4'-DDD (DDD)	1.0	2.0	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	1.0	2.0	ND	2.81	1.93J	ND	ND
4,4'-DDT (DDT)	1.0	2.0	ND	2.07	ND	ND	ND
Dieldrin	1.0	2.0	ND	ND	ND	ND	ND
Endosulfan 1	1.0	2.0	ND	ND	ND	ND	ND
Endosulfan 11	1.0	2.0	ND	ND	ND	ND	ND
Endosulfan sulfate	1.0	2.0	ND	ND	ND	ND	ND
Endrin	1.0	2.0	ND	ND	ND	ND	ND
Endrin aldehyde	1.0	2.0	ND	ND	ND	ND	ND
Endrin ketone	1.0	2.0	ND	ND	ND	ND	ND
Chlordane (gamma)	1.0	2.0	ND	ND	ND	ND	ND
Heptachlor	1.0	2.0	ND	ND	ND	ND	ND
Heptachlor epoxide	1.0	2.0	ND	ND	ND	ND	ND
alpha-Hexachlorocyclohexane (Alpha-BHC)	1.0	2.0	ND	ND	ND	ND	ND
beta-Hexachlorocyclohexane (Betta-BHC)	1.0	2.0	ND	ND	ND	ND	ND
delta-Hexachlorocyclohexane (Delta-BHC)	1.0	2.0	ND	ND	ND	ND	ND
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	1.0	2.0	ND	ND	ND	ND	ND
Methoxychlor	5.0	10.0	ND	ND	ND	ND	ND
Toxaphene	80.0	170.0	ND	ND	ND	ND	ND



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ANALYTICAL RESULTS

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Project ID: 19-314SD
Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8081A), Organochlorine Pesticides by GC

Our Lab I.D.		Method Blank	98776.01	98776.02	98776.03	98776.05
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Decachlorobiphenyl	30-150	96.4	81.6	85.6	91.6	100
Tetrachloro-m-xylene	30-150	98.8	81.2	89.6	85.2	91.6



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8081A), Organochlorine Pesticides by GC

QC Batch No: 062519EB1

Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Client Sample I.D.			B2-1	B2-3	B3-1	B3-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
Aldrin	1.0	2.0	ND	ND	ND	ND	
Chlordane (Total)	1.0	2.0	ND	ND	ND	ND	
Chlordane (alpha)	1.0	2.0	ND	ND	ND	ND	
4,4'-DDD (DDD)	1.0	2.0	ND	ND	ND	ND	
4,4'-DDE (DDE)	1.0	2.0	ND	ND	7.97	ND	
4,4'-DDT (DDT)	1.0	2.0	ND	ND	2.52	ND	
Dieldrin	1.0	2.0	ND	ND	ND	ND	
Endosulfan 1	1.0	2.0	ND	ND	ND	ND	
Endosulfan 11	1.0	2.0	ND	ND	ND	ND	
Endosulfan sulfate	1.0	2.0	ND	ND	ND	ND	
Endrin	1.0	2.0	ND	ND	ND	ND	
Endrin aldehyde	1.0	2.0	ND	ND	ND	ND	
Endrin ketone	1.0	2.0	ND	ND	ND	ND	
Chlordane (gamma)	1.0	2.0	ND	ND	ND	ND	
Heptachlor	1.0	2.0	ND	ND	ND	ND	
Heptachlor epoxide	1.0	2.0	ND	ND	ND	ND	
alpha-Hexachlorocyclohexane (Alpha-BHC)	1.0	2.0	ND	ND	ND	ND	
beta-Hexachlorocyclohexane (Betta-BHC)	1.0	2.0	ND	ND	ND	ND	
delta-Hexachlorocyclohexane (Delta-BHC)	1.0	2.0	ND	ND	ND	ND	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	1.0	2.0	ND	ND	ND	ND	
Methoxychlor	5.0	10.0	ND	ND	ND	ND	
Toxaphene	80.0	170.0	ND	ND	ND	ND	



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ANALYTICAL RESULTS

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Project ID: 19-314SD
Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8081A), Organochlorine Pesticides by GC

Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Decachlorobiphenyl	30-150		94.0	90.8	98.8	77.6	
Tetrachloro-m-xylene	30-150		93.2	82.4	90.0	85.2	



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 062519ZB1

Our Lab I.D.		Method Blank	98776.01	98776.02	98776.03	98776.05	
Client Sample I.D.			SS1	SS2	B1-1	B1-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared		06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aroclor-1016 (PCB-1016)	20.0	50.0	ND	ND	ND	ND	ND
Aroclor-1221 (PCB-1221)	20.0	50.0	ND	ND	ND	ND	ND
Aroclor-1232 (PCB-1232)	20.0	50.0	ND	ND	ND	ND	ND
Aroclor-1242 (PCB-1242)	20.0	50.0	ND	ND	ND	ND	ND
Aroclor-1248 (PCB-1248)	20.0	50.0	ND	ND	ND	ND	ND
Aroclor-1254 (PCB-1254)	20.0	50.0	ND	ND	ND	ND	ND
Aroclor-1260 (PCB-1260)	20.0	50.0	ND	ND	ND	ND	ND
Aroclor-1262 (PCB-1262)	20.0	50.0	ND	ND	ND	ND	ND
Aroclor-1268 (PCB-1268)	20.0	50.0	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	98776.01	98776.02	98776.03	98776.05	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Decachlorobiphenyl	30-150		84.0	70.0	78.8	72.0	78.4
Tetrachloro-m-xylene	30-150		104	87.2	92.4	91.6	93.6



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 062519ZB1

Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Client Sample I.D.			B2-1	B2-3	B3-1	B3-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
Aroclor-1016 (PCB-1016)	20.0	50.0	ND	ND	ND	ND	
Aroclor-1221 (PCB-1221)	20.0	50.0	ND	ND	ND	ND	
Aroclor-1232 (PCB-1232)	20.0	50.0	ND	ND	ND	ND	
Aroclor-1242 (PCB-1242)	20.0	50.0	ND	ND	ND	ND	
Aroclor-1248 (PCB-1248)	20.0	50.0	ND	ND	ND	ND	
Aroclor-1254 (PCB-1254)	20.0	50.0	ND	ND	ND	ND	
Aroclor-1260 (PCB-1260)	20.0	50.0	ND	ND	ND	ND	
Aroclor-1262 (PCB-1262)	20.0	50.0	ND	ND	ND	ND	
Aroclor-1268 (PCB-1268)	20.0	50.0	ND	ND	ND	ND	
Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Decachlorobiphenyl	30-150		80.4	83.2	84.8	81.2	
Tetrachloro-m-xylene	30-150		94.4	88.0	94.8	89.6	



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0625192C10

Our Lab I.D.			Method Blank	98776.01	98776.02	98776.03	98776.05
Client Sample I.D.				SS1	SS2	B1-1	B1-3
Date Sampled				06/19/2019	06/19/2019	06/19/2019	06/19/2019
Date Prepared			06/25/2019	06/25/2019	06/25/2019	06/25/2019	06/25/2019
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			06/26/2019	06/26/2019	06/26/2019	06/26/2019	06/26/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Antimony	1.0	5.0	ND	ND	ND	ND	ND
Arsenic	1.0	5.0	ND	ND	ND	ND	ND
Barium	2.5	5.0	ND	146	94.6	108	130
Beryllium	1.0	2.5	ND	ND	ND	ND	ND
Cadmium	1.0	2.5	ND	ND	ND	ND	ND
Chromium	2.5	5.0	ND	16.3	11.0	12.9	13.3
Cobalt	2.5	5.0	ND	8.05	5.70	7.00	6.28
Copper	2.5	5.0	ND	13.9	8.28	8.50	7.44
Lead	2.5	5.0	ND	6.83	3.82J	ND	ND
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	ND
Molybdenum	2.0	5.0	ND	ND	ND	ND	ND
Nickel	2.5	5.0	ND	6.61	4.57J	5.63	4.92J
Selenium	1.0	5.0	ND	ND	ND	ND	ND
Silver	2.0	5.0	ND	ND	ND	ND	ND
Thallium	0.7	5.0	ND	ND	ND	ND	ND
Vanadium	2.5	5.0	ND	34.2	24.5	27.6	30.2
Zinc	2.5	5.0	ND	80.0	45.9	33.5	31.7



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0625192C10

Our Lab I.D.			98776.06	98776.08	98776.09	98776.11	
Client Sample I.D.			B2-1	B2-3	B3-1	B3-3	
Date Sampled			06/19/2019	06/19/2019	06/19/2019	06/19/2019	
Date Prepared			06/25/2019	06/25/2019	06/25/2019	06/25/2019	
Preparation Method			3050B	3050B	3050B	3050B	
Date Analyzed			06/26/2019	06/26/2019	06/26/2019	06/26/2019	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
Antimony	1.0	5.0	ND	ND	ND	ND	
Arsenic	1.0	5.0	ND	ND	ND	ND	
Barium	2.5	5.0	144	96.5	114	145	
Beryllium	1.0	2.5	ND	ND	ND	ND	
Cadmium	1.0	2.5	ND	ND	ND	ND	
Chromium	2.5	5.0	20.3	14.7	14.4	18.0	
Cobalt	2.5	5.0	6.61	6.82	8.12	9.93	
Copper	2.5	5.0	9.52	8.43	9.72	11.2	
Lead	2.5	5.0	ND	ND	ND	ND	
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	
Molybdenum	2.0	5.0	ND	ND	ND	ND	
Nickel	2.5	5.0	6.71	5.49	6.70	6.64	
Selenium	1.0	5.0	ND	ND	ND	ND	
Silver	2.0	5.0	ND	ND	ND	ND	
Thallium	0.7	5.0	ND	ND	ND	ND	
Vanadium	2.5	5.0	44.0	33.4	30.9	43.6	
Zinc	2.5	5.0	41.5	34.6	38.3	47.4	



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624191A1

Our Lab I.D.			Method Blank	98776.12	98776.13		
Client Sample I.D.				B2	B3		
Date Sampled				06/19/2019	06/19/2019		
Date Prepared			06/24/2019	06/19/2019	06/19/2019		
Preparation Method			5030B	5030B	5030B		
Date Analyzed			06/24/2019	06/24/2019	06/24/2019		
Matrix			Aqueous	Aqueous	Aqueous		
Units			ug/L	ug/L	ug/L		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
Acetone	10	10	ND	ND	ND		
Benzene	0.5	1.0	ND	ND	ND		
Bromobenzene (Phenyl bromide)	0.5	1.0	ND	ND	ND		
Bromochloromethane	0.5	1.0	ND	ND	ND		
Bromodichloromethane	0.5	1.0	ND	ND	ND		
Bromoform (Tribromomethane)	2.5	5.0	ND	ND	ND		
Bromomethane (Methyl bromide)	1.5	3.0	ND	ND	ND		
2-Butanone (MEK)	5.0	5.0	ND	ND	ND		
n-Butylbenzene	0.5	1.0	ND	ND	ND		
sec-Butylbenzene	0.5	1.0	ND	ND	ND		
tert-Butylbenzene	0.5	1.0	ND	ND	ND		
Carbon Disulfide	0.5	1.0	ND	ND	ND		
Carbon tetrachloride	0.5	1.0	ND	ND	ND		
Chlorobenzene	0.5	1.0	ND	ND	ND		
Chloroethane	1.5	3.0	ND	ND	ND		
2-Chloroethyl vinyl ether	2.5	5.0	ND	ND	ND		
Chloroform (Trichloromethane)	0.5	1.0	ND	ND	ND		
Chloromethane (Methyl chloride)	1.5	3.0	ND	ND	ND		
2-Chlorotoluene	0.5	1.0	ND	ND	ND		
4-Chlorotoluene	0.5	1.0	ND	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	2.5	5.0	ND	ND	ND		
Dibromochloromethane	0.5	1.0	ND	ND	ND		
1,2-Dibromoethane (EDB)	0.5	1.0	ND	ND	ND		
Dibromomethane	0.5	1.0	ND	ND	ND		
1,2-Dichlorobenzene	0.5	1.0	ND	ND	ND		
1,3-Dichlorobenzene	0.5	1.0	ND	ND	ND		
1,4-Dichlorobenzene	0.5	1.0	ND	ND	ND		



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624191A1

Our Lab I.D.			Method Blank	98776.12	98776.13		
Client Sample I.D.				B2	B3		
Date Sampled				06/19/2019	06/19/2019		
Date Prepared			06/24/2019	06/19/2019	06/19/2019		
Preparation Method			5030B	5030B	5030B		
Date Analyzed			06/24/2019	06/24/2019	06/24/2019		
Matrix			Aqueous	Aqueous	Aqueous		
Units			ug/L	ug/L	ug/L		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
Dichlorodifluoromethane	1.5	3.0	ND	ND	ND		
1,1-Dichloroethane	0.5	1.0	ND	ND	ND		
1,2-Dichloroethane (EDC)	0.5	1.0	ND	ND	ND		
1,1-Dichloroethene	0.5	1.0	ND	ND	ND		
cis-1,2-Dichloroethene	0.5	1.0	ND	ND	ND		
trans-1,2-Dichloroethene	0.5	1.0	ND	ND	ND		
1,2-Dichloropropane	0.5	1.0	ND	ND	ND		
1,3-Dichloropropane	0.5	1.0	ND	ND	ND		
2,2-Dichloropropane	0.5	1.0	ND	ND	ND		
1,1-Dichloropropene	0.5	1.0	ND	ND	ND		
cis-1,3-Dichloropropene	0.5	1.0	ND	ND	ND		
trans-1,3-Dichloropropene	0.5	1.0	ND	ND	ND		
Ethylbenzene	0.5	1.0	ND	ND	ND		
Hexachlorobutadiene	1.5	3.0	ND	ND	ND		
2-Hexanone	2.5	5.0	ND	ND	ND		
Iodomethane	0.5	1.0	ND	ND	ND		
Isopropylbenzene	0.5	1.0	ND	ND	ND		
p-Isopropyltoluene	0.5	1.0	ND	ND	ND		
4-Methyl-2-pentanone (MIBK)	2.5	5.0	ND	ND	ND		
Methyl-tert-butyl ether (MTBE)	0.5	1.0	ND	ND	ND		
Methylene chloride (DCM)	2.0	4.0	ND	ND	ND		
Naphthalene	0.5	1.0	ND	ND	ND		
n-Propylbenzene	0.5	1.0	ND	ND	ND		
Styrene	0.5	1.0	ND	ND	ND		
1,1,1,2-Tetrachloroethane	0.5	1.0	ND	ND	ND		
1,1,2,2-Tetrachloroethane	0.5	1.0	ND	ND	ND		
Tetrachloroethene	0.5	1.0	ND	ND	ND		
Toluene (Methyl benzene)	0.5	1.0	ND	ND	ND		
1,2,3-Trichlorobenzene	0.5	1.0	ND	ND	ND		
1,2,4-Trichlorobenzene	0.5	1.0	ND	ND	ND		
1,1,1-Trichloroethane	0.5	1.0	ND	ND	ND		
1,1,2-Trichloroethane	0.5	1.0	ND	ND	ND		
Trichloroethene	0.5	1.0	ND	ND	ND		
Trichlorofluoromethane	0.5	1.0	ND	ND	ND		



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624191A1

Our Lab I.D.			Method Blank	98776.12	98776.13		
Client Sample I.D.				B2	B3		
Date Sampled				06/19/2019	06/19/2019		
Date Prepared			06/24/2019	06/19/2019	06/19/2019		
Preparation Method			5030B	5030B	5030B		
Date Analyzed			06/24/2019	06/24/2019	06/24/2019		
Matrix			Aqueous	Aqueous	Aqueous		
Units			ug/L	ug/L	ug/L		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
1,2,3-Trichloropropane	0.5	1.0	ND	ND	ND		
Trichlorotrifluoroethane (Freon-113)	0.5	1.0	ND	ND	ND		
1,2,4-Trimethylbenzene	0.5	1.0	ND	ND	ND		
1,3,5-Trimethylbenzene	0.5	1.0	ND	ND	ND		
Vinyl Acetate	0.5	5.0	ND	ND	ND		
Vinyl chloride (Chloroethene)	0.5	3.0	ND	ND	ND		
o-Xylene	0.5	1.0	ND	ND	ND		
m,p-Xylenes	1.0	2.0	ND	ND	ND		
Our Lab I.D.			Method Blank	98776.12	98776.13		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Bromofluorobenzene	75-125		116	117	117		
Dibromofluoromethane	75-125		105	113	115		
Toluene-d8	75-125		99.8	101	101		



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: M8015G, TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 062419NB1

Our Lab I.D.			Method Blank	98776.12		
Client Sample I.D.				B2		
Date Sampled				06/19/2019		
Date Prepared		06/24/2019		06/19/2019		
Preparation Method			5030B	5030B		
Date Analyzed		06/24/2019		06/24/2019		
Matrix			Aqueous	Aqueous		
Units			mg/L	mg/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
TPH as Gasoline and Light HC. (C4-C12)	0.005	0.010	ND	ND		
Our Lab I.D.			Method Blank	98776.12		
Surrogates	%Rec.Limit		% Rec.	% Rec.		
Bromofluorobenzene	75-125		114	110		



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: M8015D, TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 062519DB1

Our Lab I.D.			Method Blank	98776.12		
Client Sample I.D.				B2		
Date Sampled				06/19/2019		
Date Prepared			06/25/2019	06/25/2019		
Preparation Method			3510C	3510C		
Date Analyzed			06/25/2019	06/25/2019		
Matrix			Aqueous	Aqueous		
Units			mg/L	mg/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
TPH as Diesel (C13-C22)	0.1	0.5	ND	ND		
TPH as Heavy Hydrocarbons (C23-C40)	0.1	0.5	ND	ND		
TPH Total as Diesel and Heavy HC.C13-C40	0.1	0.5	ND	ND		
Our Lab I.D.			Method Blank	98776.12		
Surrogates	%Rec.Limit		% Rec.	% Rec.		
Chlorobenzene	60-125		89.0	88.5		



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062719JB1

Our Lab I.D.			Method Blank	98776.12		
Client Sample I.D.				B2		
Date Sampled				06/19/2019		
Date Prepared			06/27/2019	06/27/2019		
Preparation Method			3510C	3510C		
Date Analyzed			06/27/2019	06/27/2019		
Matrix			Aqueous	Aqueous		
Units			ug/L	ug/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Acenaphthene	5	10	ND	ND		
Acenaphthylene	5	10	ND	ND		
Anthracene	5	10	ND	ND		
Azobenzene	5	10	ND	ND		
Benzidine	5	10	ND	ND		
Benzo(a)anthracene	5	10	ND	ND		
Benzo(a)pyrene	5	10	ND	ND		
Benzo(b)fluoranthene	5	10	ND	ND		
Benzo(g,h,i)perylene	5	10	ND	ND		
Benzo(k)fluoranthene	5	10	ND	ND		
Benzoic Acid	5	10	ND	ND		
Benzyl Alcohol	5	10	ND	ND		
Bis(2-Chloroethoxy)methane	5	10	ND	ND		
Bis(2-Chloroethyl)ether	5	10	ND	ND		
Bis(2-chloroisopropyl) ether	5	10	ND	ND		
Bis(2-ethylhexyl) phthalate	5	10	ND	ND		
4-Bromophenyl phenyl ether	5	10	ND	ND		
Butyl benzyl phthalate	5	10	ND	ND		
4-Chloro-3-methylphenol	5	10	ND	ND		
4-Chloroaniline	5	10	ND	ND		
2-Chloronaphthalene	5	10	ND	ND		
2-Chlorophenol	5	10	ND	ND		
4-Chlorophenyl phenyl ether	5	10	ND	ND		
Chrysene	5	10	ND	ND		
Di-n-butyl phthalate	5	10	ND	ND		
Di-n-octyl phthalate (Dioctyl ester)	5	10	ND	ND		
Dibenzo(a,h)anthracene	5	10	ND	ND		



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062719JB1

Our Lab I.D.			Method Blank	98776.12			
Client Sample I.D.				B2			
Date Sampled				06/19/2019			
Date Prepared			06/27/2019	06/27/2019			
Preparation Method			3510C	3510C			
Date Analyzed			06/27/2019	06/27/2019			
Matrix			Aqueous	Aqueous			
Units			ug/L	ug/L			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
Dibenzofuran	5	10	ND	ND			
1,2-Dichlorobenzene	5	10	ND	ND			
1,3-Dichlorobenzene	5	10	ND	ND			
1,4-Dichlorobenzene	5	10	ND	ND			
3,3'-Dichlorobenzidine	5	10	ND	ND			
2,4-Dichlorophenol	5	10	ND	ND			
2,6-Dichlorophenol	5	10	ND	ND			
Diethyl phthalate (Diethyl ester)	5	10	ND	ND			
Dimethyl phthalate (Dimethyl ester)	5	10	ND	ND			
2,4-Dimethylphenol	5	10	ND	ND			
4,6-Dinitro-2-methylphenol	5	10	ND	ND			
2,4-Dinitrophenol	5	10	ND	ND			
2,4-Dinitrotoluene	5	10	ND	ND			
2,6-Dinitrotoluene (2,6-DNT)	5	10	ND	ND			
1,2-Diphenylhydrazine	5	10	ND	ND			
Fluoranthene	5	10	ND	ND			
Fluorene	5	10	ND	ND			
Hexachlorobenzene	5	10	ND	ND			
Hexachlorobutadiene	5	10	ND	ND			
Hexachlorocyclopentadiene	5	10	ND	ND			
Hexachloroethane	5	10	ND	ND			
Indeno(1,2,3-cd)pyrene	5	10	ND	ND			
Isophorone	5	10	ND	ND			
2-Methylnaphthalene	5	10	ND	ND			
4-Methylphenol (4-Cresol)	5	10	ND	ND			
2-Methylphenol (2-Cresol)	5	10	ND	ND			
3-Methylphenol (3-Cresol)	5	10	ND	ND			
N-Nitroso-Di-n-propylamine	5	10	ND	ND			
Naphthalene	5	10	ND	ND			
2-Nitroaniline	5	10	ND	ND			
3-Nitroaniline	5	10	ND	ND			
4-Nitroaniline	5	10	ND	ND			
Nitrobenzene (NB)	5	10	ND	ND			
4-Nitrophenol	5	10	ND	ND			



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ANALYTICAL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062719JB1

Our Lab I.D.			Method Blank	98776.12			
Client Sample I.D.				B2			
Date Sampled				06/19/2019			
Date Prepared			06/27/2019	06/27/2019			
Preparation Method			3510C	3510C			
Date Analyzed			06/27/2019	06/27/2019			
Matrix			Aqueous	Aqueous			
Units			ug/L	ug/L			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
2-Nitrophenol (o-Nitrophenol)	5	10	ND	ND			
N-Nitrosodimethylamine	5	10	ND	ND			
N-nitrosodiphenylamine	5	10	ND	ND			
Pentachlorophenol	5	10	ND	ND			
Phenanthrene	5	10	ND	ND			
Phenol	5	10	ND	ND			
Pyrene	5	10	ND	ND			
Pyridine	5	10	ND	ND			
1,2,4-Trichlorobenzene	5	10	ND	ND			
2,4,5-Trichlorophenol	5	10	ND	ND			
2,4,6-Trichlorophenol	5	10	ND	ND			
Our Lab I.D.			Method Blank	98776.12			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
2-Fluorophenol	25-121		65.0	42.2			
2-Fluorobiphenyl	30-115		76.7	78.5			
Nitrobenzene-d5	23-120		80.2	78.0			
Phenol-d6	10-94		42.2	23.2			
p-Terphenyl-D14	18-137		101	114			
2,4,6-Tribromophenol	19-122		90.0	90.5			



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8081A, Organochlorine Pesticides by GC/ECD

QC Batch No: 062519EB1

Our Lab I.D.			Method Blank	98776.12		
Client Sample I.D.				B2		
Date Sampled				06/19/2019		
Date Prepared			06/25/2019	06/25/2019		
Preparation Method			3510C	3510C		
Date Analyzed			06/26/2019	06/26/2019		
Matrix			Aqueous	Aqueous		
Units			ug/L	ug/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Aldrin	0.05	0.10	ND	ND		
Chlordane (Total)	0.50	1.00	ND	ND		
Chlordane (alpha)	0.05	0.10	ND	ND		
4,4'-DDD (DDD)	0.10	0.20	ND	ND		
4,4'-DDE (DDE)	0.10	0.20	ND	ND		
4,4'-DDT (DDT)	0.10	0.20	ND	ND		
Dieldrin	0.10	0.20	ND	ND		
Endosulfan 1	0.05	0.10	ND	ND		
Endosulfan 11	0.10	0.20	ND	ND		
Endosulfan sulfate	0.10	0.20	ND	ND		
Endrin	0.10	0.20	ND	ND		
Endrin aldehyde	0.10	0.20	ND	ND		
Endrin ketone	0.10	0.20	ND	ND		
Chlordane (gamma)	0.05	0.10	ND	ND		
Heptachlor	0.05	0.10	ND	ND		
Heptachlor epoxide	0.05	0.10	ND	ND		
alpha-Hexachlorocyclohexane (Alpha-BHC)	0.05	0.10	ND	ND		
beta-Hexachlorocyclohexane (Betta-BHC)	0.05	0.10	ND	ND		
delta-Hexachlorocyclohexane (Delta-BHC)	0.05	0.10	ND	ND		
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	0.05	0.10	ND	ND		
Methoxychlor	0.50	1.00	ND	ND		
Toxaphene	5.0	10.0	ND	ND		



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ANALYTICAL RESULTS

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Project ID: 19-314SD
Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8081A, Organochlorine Pesticides by GC/ECD

Our Lab I.D.		Method Blank	98776.12			
Surrogates	%Rec.Limit	% Rec.	% Rec.			
Decachlorobiphenyl	30-150	84.4	64.0			
Tetrachloro-m-xylene	30-150	58.2	69.8			



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8082, Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 062519ZB1

Our Lab I.D.			Method Blank	98776.12		
Client Sample I.D.				B2		
Date Sampled				06/19/2019		
Date Prepared		06/25/2019		06/25/2019		
Preparation Method		3510C		3510C		
Date Analyzed		06/27/2019		06/27/2019		
Matrix		Aqueous		Aqueous		
Units		ug/L		ug/L		
Dilution Factor		1		1		
Analytes	MDL	PQL	Results	Results		
Aroclor-1016 (PCB-1016)	1.00	5.00	ND	ND		
Aroclor-1221 (PCB-1221)	2.00	10.00	ND	ND		
Aroclor-1232 (PCB-1232)	1.00	5.00	ND	ND		
Aroclor-1242 (PCB-1242)	1.00	5.00	ND	ND		
Aroclor-1248 (PCB-1248)	0.25	2.50	ND	ND		
Aroclor-1254 (PCB-1254)	1.00	5.00	ND	ND		
Aroclor-1260 (PCB-1260)	1.00	5.00	ND	ND		
Aroclor-1262 (PCB-1262)	1.00	5.00	ND	ND		
Aroclor-1268 (PCB-1268)	1.00	5.00	ND	ND		
Our Lab I.D.			Method Blank	98776.12		
Surrogates	%Rec.Limit		% Rec.	% Rec.		
Decachlorobiphenyl	30-150		107	105		
Tetrachloro-m-xylene	30-150		79.4	100		



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 6010/7000CAM, Title 22 Metals (SW-846)

QC Batch No: 0625192C3

Our Lab I.D.			Method Blank	98776.12		
Client Sample I.D.				B2		
Date Sampled				06/19/2019		
Date Prepared			06/25/2019	06/25/2019		
Preparation Method			200.2	200.2		
Date Analyzed			06/26/2019	06/26/2019		
Matrix			Aqueous	Aqueous		
Units			mg/L	mg/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Antimony	0.05	0.10	ND	ND		
Arsenic	0.05	0.10	ND	ND		
Barium	0.03	0.05	ND	0.0833		
Beryllium	0.01	0.05	ND	ND		
Cadmium	0.01	0.05	ND	ND		
Chromium	0.01	0.05	ND	ND		
Cobalt	0.01	0.05	ND	ND		
Copper	0.01	0.05	ND	ND		
Lead	0.05	0.10	ND	ND		
Mercury (By EPA 7470)	0.001	0.002	ND	ND		
Molybdenum	0.01	0.05	ND	ND		
Nickel	0.01	0.05	ND	ND		
Selenium	0.05	0.10	ND	ND		
Silver	0.01	0.05	ND	ND		
Thallium	0.05	0.10	ND	ND		
Vanadium	0.03	0.05	ND	ND		
Zinc	0.01	0.05	ND	ND		



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 6010/7000CAM, Title 22 Metals (SW-846)

QC Batch No: 0625192C3; Dup or Spiked Sample: 98774.01; LCS: Clean Water; QC Prepared: 06/25/2019; QC Analyzed: 06/26/2019;
 Units: mg/L

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	1.00	1.02	102	1.00	1.03	103	<1	75-125	<15
Arsenic	0.00	1.00	0.600#	60.0	1.00	0.590#	59.0	1.7	75-125	<15
Barium	0.130	1.00	0.866	86.6	1.00	1.01	101	15.4	75-125	<15
Beryllium	0.00	1.00	1.01	101	1.00	1.00	100	<1	75-125	<15
Cadmium	0.00	1.00	0.920	92.0	1.00	0.930	93.0	1.1	75-125	<15
Chromium	0.0190	1.00	0.980	98.0	1.00	0.980	98.0	<1	75-125	<15
Cobalt	0.00	1.00	0.820	82.0	1.00	0.830	83.0	1.2	75-125	<15
Copper	0.00	1.00	0.920	92.0	1.00	0.930	93.0	1.1	75-125	<15
Lead	0.00	1.00	0.790	79.0	1.00	0.800	80.0	1.3	75-125	<15
Mercury (By EPA 7470)	0.00	0.0100	0.00871	87.1	0.0100	0.00876	87.6	<1	75-125	<15
Molybdenum	0.00	1.00	0.930	93.0	1.00	0.930	93.0	<1	75-125	<15
Nickel	0.00	1.00	0.850	85.0	1.00	0.860	86.0	1.2	75-125	<15
Selenium	0.00	1.00	1.32 #	132	1.00	1.32 #	132	<1	75-125	<15
Silver	0.00	1.00	0.820	82.0	1.00	0.790	79.0	3.7	75-125	<15
Thallium	0.00	1.00	0.740#	74.0	1.00	0.730#	73.0	1.4	75-125	<15
Vanadium	0.00	1.00	0.950	95.0	1.00	0.960	96.0	1.0	75-125	<15
Zinc	0.0460	1.00	1.11	106	1.00	1.11	106	<1	75-125	<15

QC Batch No: 0625192C3; Dup or Spiked Sample: 98774.01; LCS: Clean Water; QC Prepared: 06/25/2019; QC Analyzed: 06/26/2019;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Antimony	1.00	0.960	96.2	1.00	0.960	96.2	<1	75-125	<15
Arsenic	1.00	0.920	91.8	1.00	0.920	91.5	<1	75-125	<15
Barium	1.00	0.890	89.1	1.00	0.890	89.1	<1	75-125	<15
Beryllium	1.00	0.950	94.5	1.00	0.940	93.8	<1	75-125	<15
Cadmium	1.00	0.910	91.0	1.00	0.910	90.8	<1	75-125	<15
Chromium	1.00	0.950	94.8	1.00	0.950	94.5	<1	75-125	<15
Cobalt	1.00	0.840	84.1	1.00	0.840	83.6	<1	75-125	<15
Copper	1.00	0.910	90.9	1.00	0.910	90.7	<1	75-125	<15
Lead	1.00	0.840	83.9	1.00	0.840	84.0	<1	75-125	<15



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QUALITY CONTROL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 6010/7000CAM, Title 22 Metals (SW-846)

QC Batch No: 0625192C3; Dup or Spiked Sample: 98774.01; LCS: Clean Water; QC Prepared: 06/25/2019; QC Analyzed: 06/26/2019;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Mercury (By EPA 7470)	0.0100	0.00878	87.8	0.0100	0.00869	86.9	1.0	75-125	<15
Molybdenum	1.00	0.925	92.5	1.00	0.920	91.6	<1	75-125	<15
Nickel	1.00	0.859	85.9	1.00	0.860	85.7	<1	75-125	<15
Selenium	1.00	0.933	93.3	1.00	0.940	94.1	<1	75-125	<15
Silver	1.00	0.845	84.5	1.00	0.840	83.9	<1	75-125	<15
Thallium	1.00	0.806	80.6	1.00	0.800	79.8	<1	75-125	<15
Vanadium	1.00	0.931	93.1	1.00	0.930	92.7	<1	75-125	<15
Zinc	1.00	0.998	99.8	1.00	0.990	99.3	<1	75-125	<15



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8081A, Organochlorine Pesticides by GC/ECD

QC Batch No: 062519EB1; Dup or Spiked Sample: 0625; LCS: Clean Water; QC Prepared: 06/25/2019; QC Analyzed: 06/26/2019;
 Units: ug/L

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aldrin	0.00	0.400	0.250	63.0	0.400	0.220	55.3	13.0	40-140	<40
4,4'-DDT (DDT)	0.00	1.00	0.960	95.7	1.00	0.770	77.4	21.1	40-140	<40
Dieldrin	0.00	1.00	0.850	84.7	1.00	0.760	76.0	10.8	40-140	<40
Endrin	0.00	1.00	0.900	89.6	1.00	0.760	76.4	15.9	40-140	<40
Heptachlor	0.00	0.400	0.320	80.3	0.400	0.290	72.3	10.5	40-140	<40
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	0.00	0.400	0.300	75.8	0.400	0.280	70.0	7.96	40-140	<40
Surrogates										
Decachlorobiphenyl	0.00	0.500	0.416	83.2	0.500	0.339	67.8	18.5	30-150	<20
Tetrachloro-m-xylene	0.00	0.500	0.332	66.4	0.500	0.308	61.6	7.23	30-150	<20

QC Batch No: 062519EB1; Dup or Spiked Sample: 0625; LCS: Clean Water; QC Prepared: 06/25/2019; QC Analyzed: 06/26/2019;
 Units: ug/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit
Aldrin	0.400	0.250	61.8	40-140
4,4'-DDT (DDT)	1.00	0.940	93.5	40-140
Dieldrin	1.00	0.790	79.3	40-140
Endrin	1.00	0.870	86.9	40-140
Heptachlor	0.400	0.310	78.5	40-140
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	0.400	0.290	71.5	40-140
Surrogates				
Decachlorobiphenyl	0.500	0.390	78.0	30-150
Tetrachloro-m-xylene	0.500	0.310	62.0	30-150



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8082, Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 062519ZB1; LCS: Clean Water; LCS Prepared: 06/25/2019; LCS Analyzed: 06/27/2019; Units: ug/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Aroclor-1016 (PCB-1016)	5.00	4.18	83.6	5.00	4.18	83.6	<1	40-150	<20
Aroclor-1260 (PCB-1260)	5.00	4.34	86.8	5.00	4.60	92.0	5.82	40-150	<20
Surrogates									
Decachlorobiphenyl	0.500	0.512	102	0.500	0.566	113	10.8	30-150	<20
Tetrachloro-m-xylene	0.500	0.561	112	0.500	0.620	124	10.7	30-150	<20



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624191A1; Dup or Spiked Sample: B0624191A1; LCS: Clean Water; QC Prepared: 06/24/2019; QC Analyzed: 06/24/2019;
 Units: ug/L

Analytes	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	50.0	53.1	106	50.0	52.6	105	<1	75-125	<20
Carbon tetrachloride	50.0	58.6	117	50.0	58.0	116	<1	75-125	<20
Chlorobenzene	50.0	54.7	109	50.0	54.5	109	<1	75-125	<20
Chloroform (Trichloromethane)	50.0	55.8	112	50.0	55.5	111	<1	75-125	<20
1,2-Dichlorobenzene	50.0	64.5 #	129	50.0	63.6 #	127	1.56	75-125	<20
1,1-Dichloroethane	50.0	59.3	119	50.0	58.2	116	2.55	75-125	<20
1,1-Dichloroethene	50.0	59.6	119	50.0	60.4	121	1.67	75-125	<20
cis-1,2-Dichloroethene	50.0	55.9	112	50.0	55.0	110	1.80	75-125	<20
Ethylbenzene	50.0	54.7	109	50.0	54.2	108	<1	75-125	<20
Methyl-tert-butyl ether (MTBE)	50.0	60.4	121	50.0	59.6	119	1.67	75-125	<20
n-Propylbenzene	50.0	64.9 #	130	50.0	63.8 #	128	1.55	75-125	<20
Toluene (Methyl benzene)	50.0	53.8	108	50.0	53.2	106	1.87	75-125	<20
1,1,1-Trichloroethane	50.0	60.5	121	50.0	59.5	119	1.67	75-125	<20
1,1,2-Trichloroethane	50.0	53.7	107	50.0	53.3	107	<1	75-125	<20
Trichloroethene	50.0	53.3	107	50.0	52.8	106	<1	75-125	<20
1,2,4-Trimethylbenzene	50.0	62.2	124	50.0	60.9	122	1.63	75-125	<20
1,3,5-Trimethylbenzene	50.0	62.1	124	50.0	61.0	122	1.63	75-125	<20
o-Xylene	50.0	52.7	105	50.0	51.9	104	<1	75-125	<20
m,p-Xylenes	100	104	104	100	104	104	<1	75-125	<20
Surrogates									
Bromofluorobenzene	50.0	59.9	120	50.0	59.6	119	<1	75-125	<20
Dibromofluoromethane	50.0	51.7	103	50.0	51.3	103	<1	75-125	<20
Toluene-d8	50.0	50.2	100	50.0	50.1	100	<1	75-125	<20

QC Batch No: 0624191A1; Dup or Spiked Sample: B0624191A1; LCS: Clean Water; QC Prepared: 06/24/2019; QC Analyzed: 06/24/2019;
 Units: ug/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Benzene	50.0	50.8	102	50.0	52.4	105	2.90	75-125	<20
Carbon tetrachloride	50.0	55.3	111	50.0	57.2	114	2.67	75-125	<20
Chlorobenzene	50.0	53.4	107	50.0	54.5	109	1.85	75-125	<20



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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624191A1; Dup or Spiked Sample: B0624191A1; LCS: Clean Water; QC Prepared: 06/24/2019; QC Analyzed: 06/24/2019;
 Units: ug/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Chloroform (Trichloromethane)	50.0	52.9	106	50.0	54.8	110	3.70	75-125	<20
1,2-Dichlorobenzene	50.0	62.1	124	50.0	63.2	126	1.60	75-125	<20
1,1-Dichloroethane	50.0	55.7	111	50.0	58.2	116	4.41	75-125	<20
1,1-Dichloroethene	50.0	58.1	116	50.0	60.6	121	4.22	75-125	<20
cis-1,2-Dichloroethene	50.0	53.1	106	50.0	54.7	109	2.79	75-125	<20
Ethylbenzene	50.0	52.7	105	50.0	54.4	109	3.74	75-125	<20
Methyl-tert-butyl ether (MTBE)	50.0	56.0	112	50.0	57.2	114	1.77	75-125	<20
n-Propylbenzene	50.0	61.7	123	50.0	63.4	127	3.20	75-125	<20
Toluene (Methyl benzene)	50.0	51.9	104	50.0	53.6	107	2.84	75-125	<20
1,1,1-Trichloroethane	50.0	56.8	114	50.0	59.1	118	3.45	75-125	<20
1,1,2-Trichloroethane	50.0	50.5	101	50.0	51.6	103	1.96	75-125	<20
Trichloroethene	50.0	51.8	104	50.0	53.7	107	2.84	75-125	<20
1,2,4-Trimethylbenzene	50.0	59.3	119	50.0	61.1	122	2.49	75-125	<20
1,3,5-Trimethylbenzene	50.0	59.4	119	50.0	60.8	122	2.49	75-125	<20
o-Xylene	50.0	51.0	102	50.0	52.6	105	2.90	75-125	<20
m,p-Xylenes	100	101	101	100	104	104	2.93	75-125	<20
Surrogates									
Bromofluorobenzene	50.0	58.9	118	50.0	59.2	118	<1	75-125	<20
Dibromofluoromethane	50.0	51.0	102	50.0	50.9	102	<1	75-125	<20
Toluene-d8	50.0	50.1	100	50.0	50.1	100	<1	75-125	<20



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062719JB1; Dup or Spiked Sample: B062719JB1; LCS: Clean Water; QC Prepared: 06/27/2019; QC Analyzed: 06/27/2019;
 Units: ug/L

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Acenaphthene	0.00	100	65.9	65.9	100	71.3	71.3	7.9	46-118	<20
4-Chloro-3-methylphenol	0.00	200	148	74.0	200	162	81.0	9.0	39-98	<20
2-Chlorophenol	0.00	200	137	68.5	200	161	80.5	16.1	27-123	<20
1,4-Dichlorobenzene	0.00	100	62.9	62.9	100	73.7	73.7	15.8	36-97	<20
2,4-Dinitrotoluene	0.00	100	82.4	82.4	100	94.8	94.8	14.0	50-130	<20
N-Nitroso-Di-n-propylamine	0.00	100	88.2	88.2	100	102	102	14.5	41-116	<20
4-Nitrophenol	0.00	200	75.4	37.7	200	84.2	42.1	11.0	10-80	<20
Pentachlorophenol	0.00	200	159	79.5	200	186	93.0	15.7	40-125	<20
Phenol	0.00	200	88.8	44.4	200	100	50.0	11.9	12-98	<20
Pyrene	0.00	100	102	102	100	115	115	12.0	26-127	<20
1,2,4-Trichlorobenzene	0.00	100	62.0	62.0	100	75.2	75.2	19.2	39-98	<20
Surrogates										
2-Fluorophenol	0.00	200	126	63.0	200	150	75.0	17.4	25-121	<20
2-Fluorobiphenyl	0.00	100	70.7	70.7	100	87.5	87.5	21.2	30-115	<20
Nitrobenzene-d5	0.00	100	77.3	77.3	100	86.2	86.2	10.9	23-120	<20
p-Terphenyl-D14	0.00	100	100	100	100	112	112	11.3	18-137	<20
Phenol-d6	0.00	200	84.8	42.4	200	97.8	48.9	14.2	24-113	<20
2,4,6-Tribromophenol	0.00	200	183	91.5	200	212	106	14.7	19-122	<20

QC Batch No: 062719JB1; Dup or Spiked Sample: B062719JB1; LCS: Clean Water; QC Prepared: 06/27/2019; QC Analyzed: 06/27/2019;
 Units: ug/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Acenaphthene	100	74.1	74.1	46-118						
4-Chloro-3-methylphenol	200	160	80.0	39-98						
2-Chlorophenol	200	111	55.5	27-123						
1,4-Dichlorobenzene	100	36.8	36.8	36-97						
2,4-Dinitrotoluene	100	95.8	95.8	50-130						
N-Nitroso-Di-n-propylamine	100	92.0	92.0	41-116						
4-Nitrophenol	200	96.2	48.1	10-80						
Pentachlorophenol	200	181	90.5	40-125						



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Project ID: 19-314SD
Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062719JB1; Dup or Spiked Sample: B062719JB1; LCS: Clean Water; QC Prepared: 06/27/2019; QC Analyzed: 06/27/2019;
Units: ug/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Phenol	200	95.0	47.5	12-98						
Pyrene	100	109	109	26-127						
1,2,4-Trichlorobenzene	100	39.5	39.5	39-98						
Surrogates										
2-Fluorophenol	200	110	55.0	25-121						
2-Fluorobiphenyl	100	67.4	67.4	30-115						
Nitrobenzene-d5	100	53.9	53.9	23-120						
p-Terphenyl-D14	100	105	105	18-137						
Phenol-d6	200	88.4	44.2	24-113						
2,4,6-Tribromophenol	200	193	96.5	19-122						



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: M8015D, TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 062519DB1; Dup or Spiked Sample: 0625; LCS: Clean Water; QC Prepared: 06/25/2019; QC Analyzed: 06/25/2019;
 Units: mg/L

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	5.00	5.05	101	5.00	4.98	99.6	1.40	75-125	<20
Surrogates										
Chlorobenzene	0.00	2.00	1.80	90.0	2.00	1.78	89.0	1.11	60-125	<20

QC Batch No: 062519DB1; Dup or Spiked Sample: 0625; LCS: Clean Water; QC Prepared: 06/25/2019; QC Analyzed: 06/25/2019;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Diesel (C13-C22)	5.00	4.50	90.0	75-125						
Surrogates										
Chlorobenzene	2.00	1.72	86.0	60-125						



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: M8015G, TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 062419NB1; Dup or Spiked Sample: B062419NB1; LCS: Clean Water; QC Prepared: 06/24/2019; QC Analyzed: 06/25/2019;
 Units: mg/L

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.00	0.500	0.490	97.0	0.500	0.480	96.2	<1	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0529	106	0.0500	0.0541	108	1.89	75-125	<20

QC Batch No: 062419NB1; Dup or Spiked Sample: B062419NB1; LCS: Clean Water; QC Prepared: 06/24/2019; QC Analyzed: 06/25/2019;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.500	0.420	84.6	0.500	0.420	84.4	<1	75-125	<20
Surrogates									
Bromofluorobenzene	0.0500	0.0562	112	0.0500	0.0532	106	5.36	75-125	<20



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 Perris, CA

Telephone: (760)744-3363

Attn: Dan Weis

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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0625192C10; Dup or Spiked Sample: 98776.01; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/26/2019;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	50.0	52.0	104	50.0	51.0	102	1.94	75-125	<15
Arsenic	0.00	50.0	39.1	78.2	50.0	37.4 M	74.8	4.44	75-125	<15
Barium	146	50.0	195	98.0	50.0	194	96.0	2.06	75-125	<15
Beryllium	0.00	50.0	44.1	88.2	50.0	44.3	88.6	<1	75-125	<15
Cadmium	0.00	50.0	46.3	92.6	50.0	46.1	92.2	<1	75-125	<15
Chromium	16.3	50.0	61.5	90.4	50.0	61.3	90.0	<1	75-125	<15
Cobalt	8.05	50.0	50.2	84.3	50.0	50.1	84.1	<1	75-125	<15
Copper	13.9	50.0	62.4	97.0	50.0	61.5	95.2	1.87	75-125	<15
Lead	6.83	50.0	45.9	78.1	50.0	45.3	76.9	1.55	75-125	<15
Mercury (By EPA 7471)	0.0200	0.500	0.560	108	0.500	0.585	113	4.5	75-125	<15
Molybdenum	0.00	50.0	46.6	93.2	50.0	46.3	92.6	<1	75-125	<15
Nickel	6.61	50.0	50.0	86.8	50.0	49.7	86.2	<1	75-125	<15
Selenium	0.00	50.0	25.1 M	50.2	50.0	23.6 M	47.2	6.16	75-125	<15
Silver	0.00	50.0	43.7	87.4	50.0	43.2	86.4	1.15	75-125	<15
Thallium	0.00	50.0	25.3 M	50.6	50.0	25.7 M	51.4	1.57	75-125	<15
Vanadium	34.2	50.0	81.1	93.8	50.0	80.3	92.2	1.72	75-125	<15
Zinc	80.0	50.0	116 M	72.0	50.0	115 M	70.0	2.82	75-125	<15

QC Batch No: 0625192C10; Dup or Spiked Sample: 98776.01; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/26/2019;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Antimony	50.0	53.1	106	50.0	52.6	105	<1	75-125	<15
Arsenic	50.0	48.8	97.6	50.0	48.6	97.2	<1	75-125	<15
Barium	50.0	51.0	102	50.0	50.6	101	<1	75-125	<15
Beryllium	50.0	51.2	102	50.0	50.7	101	<1	75-125	<15
Cadmium	50.0	52.2	104	50.0	51.8	104	<1	75-125	<15
Chromium	50.0	52.2	104	50.0	51.7	103	<1	75-125	<15
Cobalt	50.0	47.4	94.8	50.0	47.0	94.0	<1	75-125	<15
Copper	50.0	49.9	99.8	50.0	49.5	99.0	<1	75-125	<15
Lead	50.0	49.3	98.6	50.0	49.0	98.0	<1	75-125	<15



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Project ID: 19-314SD
Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0625192C10; Dup or Spiked Sample: 98776.01; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/26/2019;
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Mercury (By EPA 7471)	0.500	0.495	99.0	0.500	0.490	97.9	1.1	75-125	<15	
Molybdenum	50.0	50.2	100	50.0	49.5	99.0	1.01	75-125	<15	
Nickel	50.0	50.5	101	50.0	50.2	100	<1	75-125	<15	
Selenium	50.0	50.1	100	50.0	50.3	101	<1	75-125	<15	
Silver	50.0	51.8	104	50.0	51.5	103	<1	75-125	<15	
Thallium	50.0	45.6	91.2	50.0	45.5	91.0	<1	75-125	<15	
Vanadium	50.0	51.6	103	50.0	51.3	103	<1	75-125	<15	
Zinc	50.0	54.3	109	50.0	54.1	108	<1	75-125	<15	



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8081A), Organochlorine Pesticides by GC

QC Batch No: 062519EB1; Dup or Spiked Sample: 98663.02; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/25/2019;
 Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aldrin	0.00	20.0	15.4	77.0	20.0	15.1	75.5	1.97	40-150	<40
4,4'-DDT (DDT)	0.00	50.0	48.0	96.0	50.0	47.5	95.0	1.05	40-150	<40
Dieldrin	0.00	50.0	41.6	83.2	50.0	40.2	80.4	3.42	40-150	<40
Endrin	0.00	50.0	45.4	90.8	50.0	45.1	90.2	<1	40-150	<40
Heptachlor	0.00	20.0	15.4	77.0	20.0	15.2	76.0	1.31	40-150	<40
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	0.00	20.0	14.2	71.0	20.0	13.9	69.5	2.14	40-150	<40
Surrogates										
Decachlorobiphenyl	0.00	25.0	21.1	84.4	25.0	20.5	82.0	2.84	30-150	<40
Tetrachloro-m-xylene	0.00	25.0	17.8	71.2	25.0	17.7	70.8	<1	30-150	<40

QC Batch No: 062519EB1; Dup or Spiked Sample: 98663.02; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/25/2019;
 Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Aldrin	20.0	15.4	77.0	20.0	14.9	74.5	3.30	50-150	<40
4,4'-DDT (DDT)	50.0	44.6	89.2	50.0	38.5	77.0	14.7	50-150	<40
Dieldrin	50.0	40.1	80.2	50.0	36.8	73.6	8.58	50-150	<40
Endrin	50.0	44.0	88.0	50.0	39.4	78.8	11.0	50-150	<40
Heptachlor	20.0	15.5	77.5	20.0	15.0	75.0	3.28	50-150	<40
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	20.0	14.0	70.0	20.0	13.7	68.5	2.17	50-150	<40
Surrogates									
Decachlorobiphenyl	25.0	20.1	80.4	25.0	17.5	70.0	12.9	30-150	<40
Tetrachloro-m-xylene	25.0	19.1	76.4	25.0	19.7	78.8	3.14	30-150	<40



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 062519ZB1; Dup or Spiked Sample: 98776.08; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/25/2019;
 Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aroclor-1016 (PCB-1016)	0.00	500	466	93.2	500	462	92.4	<1	50-150	<40
Aroclor-1260 (PCB-1260)	0.00	500	454	90.8	500	446	89.2	1.78	50-150	<40
Surrogates										
Decachlorobiphenyl	0.00	25.0	19.9	79.6	25.0	20.3	81.2	2.01	30-150	<40
Tetrachloro-m-xylene	0.00	25.0	24.9	99.6	25.0	25.7	103	3.41	30-150	<40

QC Batch No: 062519ZB1; Dup or Spiked Sample: 98776.08; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/25/2019;
 Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Aroclor-1016 (PCB-1016)	500	452	90.4	50-150						
Aroclor-1260 (PCB-1260)	500	435	87.0	50-150						
Surrogates										
Decachlorobiphenyl	25.0	18.1	72.4	30-150						
Tetrachloro-m-xylene	25.0	25.5	102	30-150						



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1; Dup or Spiked Sample: 98776.03; LCS: Clean Sand; QC Prepared: 06/24/2019; QC Analyzed: 06/24/2019;
 Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.00	50.0	49.4	98.8	50.0	46.8	93.6	5.41	75-125	<20
Carbon tetrachloride	0.00	50.0	54.5	109	50.0	49.8	99.6	9.01	75-125	<20
Chlorobenzene	0.00	50.0	50.0	100	50.0	48.8	97.6	2.43	75-125	<20
Chloroform (Trichloromethane)	0.00	50.0	56.5	113	50.0	51.5	103	9.26	75-125	<20
1,2-Dichlorobenzene	0.00	50.0	48.7	97.4	50.0	47.2	94.4	3.13	75-125	<20
1,1-Dichloroethane	0.00	50.0	57.0	114	50.0	53.5	107	6.33	75-125	<20
1,1-Dichloroethene	0.00	50.0	54.0	108	50.0	52.0	104	3.77	75-125	<20
cis-1,2-Dichloroethene	0.00	50.0	52.5	105	50.0	49.3	98.6	6.29	75-125	<20
Ethylbenzene	0.00	50.0	50.5	101	50.0	47.7	95.4	5.70	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.00	50.0	51.0	102	50.0	48.3	96.6	5.44	75-125	<20
n-Propylbenzene	0.00	50.0	47.4	94.8	50.0	47.6	95.2	<1	75-125	<20
Toluene (Methyl benzene)	0.00	50.0	48.3	96.6	50.0	48.0	96.0	<1	75-125	<20
1,1,1-Trichloroethane	0.00	50.0	54.5	109	50.0	49.3	98.6	10.0	75-125	<20
1,1,2-Trichloroethane	0.00	50.0	47.8	95.6	50.0	46.0	92.0	3.84	75-125	<20
Trichloroethene	0.00	50.0	49.5	99.0	50.0	47.5	95.0	4.12	75-125	<20
1,2,4-Trimethylbenzene	0.00	50.0	46.4	92.8	50.0	47.0	94.0	1.28	75-125	<20
1,3,5-Trimethylbenzene	0.00	50.0	47.0	94.0	50.0	47.4	94.8	<1	75-125	<20
o-Xylene	0.00	50.0	53.5	107	50.0	49.5	99.0	7.77	75-125	<20
m,p-Xylenes	0.00	100	105	105	100	97.4	97.4	7.51	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	50.0	50.5	101	50.0	51.0	102	<1	75-125	<20
Dibromofluoromethane	0.00	50.0	59.0	118	50.0	55.5	111	5.93	75-125	<20
Toluene-d8	0.00	50.0	49.5	99.0	50.0	50.5	101	2.02	75-125	<20

QC Batch No: 0624192A1; Dup or Spiked Sample: 98776.03; LCS: Clean Sand; QC Prepared: 06/24/2019; QC Analyzed: 06/24/2019;
 Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Benzene	50.0	49.6	99.2	50.0	50.3	101	1.80	75-125	<20
Carbon tetrachloride	50.0	51.0	102	50.0	52.0	104	1.94	75-125	<20
Chlorobenzene	50.0	53.4	107	50.0	54.3	109	1.85	75-125	<20



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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0624192A1; Dup or Spiked Sample: 98776.03; LCS: Clean Sand; QC Prepared: 06/24/2019; QC Analyzed: 06/24/2019;
 Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Chloroform (Trichloromethane)	50.0	51.5	103	50.0	52.1	104	<1	75-125	<20
1,2-Dichlorobenzene	50.0	52.2	104	50.0	53.1	106	1.90	75-125	<20
1,1-Dichloroethane	50.0	51.9	104	50.0	53.1	106	1.90	75-125	<20
1,1-Dichloroethene	50.0	50.8	102	50.0	51.5	103	<1	75-125	<20
cis-1,2-Dichloroethene	50.0	49.8	99.6	50.0	50.8	102	2.38	75-125	<20
Ethylbenzene	50.0	51.4	103	50.0	52.8	106	2.87	75-125	<20
Methyl-tert-butyl ether (MTBE)	50.0	51.2	102	50.0	52.1	104	1.94	75-125	<20
n-Propylbenzene	50.0	51.8	104	50.0	53.0	106	1.90	75-125	<20
Toluene (Methyl benzene)	50.0	51.1	102	50.0	52.4	105	2.90	75-125	<20
1,1,1-Trichloroethane	50.0	51.3	103	50.0	52.2	104	<1	75-125	<20
1,1,2-Trichloroethane	50.0	51.6	103	50.0	52.1	104	<1	75-125	<20
Trichloroethene	50.0	52.2	104	50.0	53.6	107	2.84	75-125	<20
1,2,4-Trimethylbenzene	50.0	50.8	102	50.0	52.2	104	1.94	75-125	<20
1,3,5-Trimethylbenzene	50.0	50.6	101	50.0	52.5	105	3.88	75-125	<20
o-Xylene	50.0	52.9	106	50.0	54.1	108	1.87	75-125	<20
m,p-Xylenes	100	105	105	100	108	108	2.82	75-125	<20
Surrogates									
Bromofluorobenzene	50.0	50.7	101	50.0	51.4	103	1.98	75-125	<20
Dibromofluoromethane	50.0	52.6	105	50.0	52.9	106	<1	75-125	<20
Toluene-d8	50.0	51.3	103	50.0	52.1	104	<1	75-125	<20



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0625192A1; Dup or Spiked Sample: 98775.11; LCS: Clean Sand; QC Prepared: 06/25/2019; MS Analyzed: 06/26/2019;
 LCS Analyzed: 06/25/2019; Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.00	50.0	44.0	88.0	50.0	45.6	91.2	3.57	75-125	<20
Carbon tetrachloride	0.00	50.0	47.8	95.6	50.0	49.0	98.0	2.48	75-125	<20
Chlorobenzene	0.00	50.0	42.1	84.2	50.0	45.2	90.4	7.10	75-125	<20
Chloroform (Trichloromethane)	0.00	50.0	44.0	88.0	50.0	46.1	92.2	4.66	75-125	<20
1,2-Dichlorobenzene	0.00	50.0	34.7 #	69.4	50.0	39.5	79.0	12.9	75-125	<20
1,1-Dichloroethane	0.00	50.0	47.7	95.4	50.0	50.5	101	5.70	75-125	<20
1,1-Dichloroethene	0.00	50.0	49.2	98.4	50.0	50.5	101	2.61	75-125	<20
cis-1,2-Dichloroethene	0.00	50.0	43.7	87.4	50.0	44.9	89.8	2.71	75-125	<20
Ethylbenzene	0.00	50.0	42.6	85.2	50.0	45.1	90.2	5.70	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.00	50.0	46.3	92.6	50.0	47.5	95.0	2.56	75-125	<20
n-Propylbenzene	0.00	50.0	39.7	79.4	50.0	43.1	86.2	8.21	75-125	<20
Toluene (Methyl benzene)	0.00	50.0	43.8	87.6	50.0	46.2	92.4	5.33	75-125	<20
1,1,1-Trichloroethane	0.00	50.0	47.6	95.2	50.0	48.5	97.0	1.87	75-125	<20
1,1,2-Trichloroethane	0.00	50.0	43.0	86.0	50.0	46.1	92.2	6.96	75-125	<20
Trichloroethene	0.00	50.0	69.5 #	139	50.0	70.0 #	140	<1	75-125	<20
1,2,4-Trimethylbenzene	0.00	50.0	36.5	73.0	50.0	40.6	81.2	10.6	75-125	<20
1,3,5-Trimethylbenzene	0.00	50.0	38.2	76.4	50.0	41.8	83.6	9.00	75-125	<20
o-Xylene	0.00	50.0	42.7	85.4	50.0	46.0	92.0	7.44	75-125	<20
m,p-Xylenes	0.00	100	85.4	85.4	100	91.2	91.2	6.57	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	50.0	52.0	104	50.0	52.0	104	<1	75-125	<20
Dibromofluoromethane	0.00	50.0	47.0	94.0	50.0	49.3	98.6	4.89	75-125	<20
Toluene-d8	0.00	50.0	50.5	101	50.0	51.0	102	<1	75-125	<20

QC Batch No: 0625192A1; Dup or Spiked Sample: 98775.11; LCS: Clean Sand; QC Prepared: 06/25/2019; MS Analyzed: 06/26/2019;
 LCS Analyzed: 06/25/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Benzene	50.0	51.5	103	50.0	51.0	102	<1	75-125	<20
Carbon tetrachloride	50.0	53.2	106	50.0	53.0	106	<1	75-125	<20
Chlorobenzene	50.0	54.0	108	50.0	53.3	107	<1	75-125	<20



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QUALITY CONTROL RESULTS

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Project ID: 19-314SD
 Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0625192A1; Dup or Spiked Sample: 98775.11; LCS: Clean Sand; QC Prepared: 06/25/2019; MS Analyzed: 06/26/2019;
 LCS Analyzed: 06/25/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Chloroform (Trichloromethane)	50.0	53.1	106	50.0	53.2	106	<1	75-125	<20
1,2-Dichlorobenzene	50.0	53.6	107	50.0	53.3	107	<1	75-125	<20
1,1-Dichloroethane	50.0	54.2	108	50.0	54.2	108	<1	75-125	<20
1,1-Dichloroethene	50.0	51.6	103	50.0	52.0	104	<1	75-125	<20
cis-1,2-Dichloroethene	50.0	51.4	103	50.0	50.9	102	<1	75-125	<20
Ethylbenzene	50.0	52.5	105	50.0	52.3	105	<1	75-125	<20
Methyl-tert-butyl ether (MTBE)	50.0	54.3	109	50.0	54.3	109	<1	75-125	<20
n-Propylbenzene	50.0	53.1	106	50.0	52.8	106	<1	75-125	<20
Toluene (Methyl benzene)	50.0	52.0	104	50.0	51.5	103	<1	75-125	<20
1,1,1-Trichloroethane	50.0	53.4	107	50.0	52.5	105	1.89	75-125	<20
1,1,2-Trichloroethane	50.0	54.0	108	50.0	53.5	107	<1	75-125	<20
Trichloroethene	50.0	53.3	107	50.0	53.6	107	<1	75-125	<20
1,2,4-Trimethylbenzene	50.0	52.9	106	50.0	52.2	104	1.90	75-125	<20
1,3,5-Trimethylbenzene	50.0	52.4	105	50.0	52.1	104	<1	75-125	<20
o-Xylene	50.0	54.1	108	50.0	54.0	108	<1	75-125	<20
m,p-Xylenes	100	108	108	100	106	106	1.87	75-125	<20
Surrogates									
Bromofluorobenzene	50.0	51.6	103	50.0	51.4	103	<1	75-125	<20
Dibromofluoromethane	50.0	53.4	107	50.0	53.2	106	<1	75-125	<20
Toluene-d8	50.0	51.8	104	50.0	50.5	101	2.88	75-125	<20



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Ordered By

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Site

Natwar Ln.
 Perris, CA

Telephone: (760)744-3363

Attn: Dan Weis

Page: 63

Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062519JB1; Dup or Spiked Sample: 98776.05; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/25/2019;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Acenaphthene	0.00	2.50	1.55	62.0	2.50	1.78	71.2	13.8	46-118	<20
4-Chloro-3-methylphenol	0.00	5.00	2.87	57.4	5.00	3.41	68.2	17.2	39-98	<20
2-Chlorophenol	0.00	5.00	2.98	59.6	5.00	3.31	66.2	10.5	27-123	<20
1,4-Dichlorobenzene	0.00	2.50	1.52	60.8	2.50	1.70	68.0	11.2	36-97	<20
2,4-Dinitrotoluene	0.00	2.50	1.56	62.4	2.50	1.89	75.6	19.1	24-96	<20
N-Nitroso-Di-n-propylamine	0.00	2.50	1.74	69.6	2.50	1.99	79.6	13.4	41-116	<20
4-Nitrophenol	0.00	5.00	2.48	49.6	5.00	2.98	59.6	18.3	10-110	<20
Pentachlorophenol	0.00	5.00	2.74	54.8	5.00	3.27	65.4	17.6	40-125	<20
Phenol	0.00	5.00	2.84	56.8	5.00	3.25	65.0	13.5	12-89	<20
Pyrene	0.00	2.50	1.97	78.8	2.50	2.20	88.0	11.0	26-127	<20
1,2,4-Trichlorobenzene	0.00	2.50	1.48	59.2	2.50	1.68	67.2	12.7	39-98	<20
Surrogates										
2-Fluorophenol	0.00	5.00	3.02	60.4	5.00	3.43	68.6	12.7	25-121	<20
2-Fluorobiphenyl	0.00	2.50	1.64	65.6	2.50	1.84	73.6	11.5	30-115	<20
Nitrobenzene-d5	0.00	2.50	1.56	62.4	2.50	1.78	71.2	13.2	23-120	<20
p-Terphenyl-D14	0.00	2.50	1.75	70.0	2.50	1.84	73.6	5.0	18-137	<20
Phenol-d6	0.00	5.00	2.79	55.8	5.00	3.21	64.2	14.0	24-113	<20
2,4,6-Tribromophenol	0.00	5.00	3.46	69.2	5.00	3.97	79.4	13.7	19-122	<20

QC Batch No: 062519JB1; Dup or Spiked Sample: 98776.05; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/25/2019;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit
Acenaphthene	2.50	2.02	80.8	31-137
4-Chloro-3-methylphenol	5.00	3.75	75.0	40-99
2-Chlorophenol	5.00	3.73	74.6	25-102
1,4-Dichlorobenzene	2.50	1.92	76.8	28-104
2,4-Dinitrotoluene	2.50	2.14	85.6	28-89
N-Nitroso-Di-n-propylamine	2.50	2.24	89.6	41-126
4-Nitrophenol	5.00	3.47	69.4	11-114
Pentachlorophenol	5.00	3.84	76.8	17-125



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Project ID: 19-314SD
Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 062519JB1; Dup or Spiked Sample: 98776.05; LCS: Clean Sand; QC Prepared: 06/25/2019; QC Analyzed: 06/25/2019;
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Phenol	5.00	3.64	72.8	26-90						
Pyrene	2.50	2.50	100	35-142						
1,2,4-Trichlorobenzene	2.50	1.87	74.8	38-107						
Surrogates										
2-Fluorophenol	5.00	3.92	78.4	25-121						
2-Fluorobiphenyl	2.50	2.12	84.8	30-115						
Nitrobenzene-d5	2.50	2.00	80.0	23-120						
p-Terphenyl-D14	2.50	2.29	91.6	18-137						
Phenol-d6	5.00	3.62	72.4	24-113						
2,4,6-Tribromophenol	5.00	4.44	88.8	19-122						



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 Perris, CA

Telephone: (760)744-3363

Attn: Dan Weis

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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 062419PB1; Dup or Spiked Sample: 98773.06; LCS: Clean Sand; QC Prepared: 06/24/2019; QC Analyzed: 06/24/2019;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	500	512	102	500	514	103	<1	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	114	114	100	114	114	<1	75-125	<20

QC Batch No: 062419PB1; Dup or Spiked Sample: 98773.06; LCS: Clean Sand; QC Prepared: 06/24/2019; QC Analyzed: 06/24/2019;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Diesel (C13-C22)	500	521	104	500	544	109	4.69	75-125	<20
Surrogates									
Chlorobenzene	100	115	115	100	116	116	<1	75-125	<20



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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 062419OB1; Dup or Spiked Sample: 98776.03AGA; LCS: Clean Sand; QC Prepared: 06/24/2019; MS Analyzed: 06/25/2019;
 LCS Analyzed: 06/24/2019; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.00	1.00	0.870	86.8	1.00	0.870	86.8	<1	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0542	108	0.0500	0.0531	106	1.85	75-125	<20

QC Batch No: 062419OB1; Dup or Spiked Sample: 98776.03AGA; LCS: Clean Sand; QC Prepared: 06/24/2019; MS Analyzed: 06/25/2019;
 LCS Analyzed: 06/24/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	1.00	0.970	97.0	1.00	0.980	97.8	<1	75-125	<20
Surrogates									
Bromofluorobenzene	0.0500	0.0557	111	0.0500	0.0544	109	1.80	75-125	<20



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Attn: Dan Weis

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Project ID: 19-314SD

Project Name: Natwar Ln.

AETL Job Number	Submitted	Client
98776	06/21/2019	AEC

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 062419OB2; LCS: Clean Sand; LCS Prepared: 06/24/2019; LCS Analyzed: 06/25/2019; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	1.00	0.820	82.2	1.00	0.830	82.5	<1	75-125	<20
Surrogates									
Bromofluorobenzene	0.0500	0.0514	103	0.0500	0.0521	104	<1	75-125	<20



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Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference



Daniel A. Weis, R.E.H.S.
Advantage Environmental Consultants, LLC
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San Marcos, California 92069
Tel: 760-744-3363 / CELL Mobile - 760.275.9229
Fax: Fax - 760.744.3383
Email: dweis@aec-env.com
RE: Natwar Ln., Perris, CA

Work Order No.: 1906219

Dear Daniel A. Weis, R.E.H.S.:

Torrent Laboratory, Inc. received 13 sample(s) on June 25, 2019 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Patti L Sandroock
QA Officer

July 12, 2019

Date



Date: 7/12/2019

Client: Advantage Environmental Consultants, LLC

Project: Natwar Ln., Perris, CA

Work Order: 1906219

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

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Currently the only methodology approved for wastewater, surface water, soils and slurries is offered by DoD ELAP. Torrent is compliant to DoD ELAP QSM 5.3 Table B-15 for waters and soils.

Water:

Final reported values, MDL and PQL for water samples are based on the actual volume received and extracted (450 mL and 480 mL, respectively).

Analytical Comment for method PFAS_W, QC Preparation Batch ID 1114732, Note: The % recovery for Perfluoropentanesulfonic acid and Fluorotelomer sulphonic acid 6:2 in the LCS and/or LCSD is outside of laboratory control limits (high bias). All samples were Non Detect for those compounds associated with the LCS/LCSD. No corrective action is required.

Soil:

Analytical Comments for method PFAS_W, 1906219-003A MS/MSD, QC Analytical Preparation ID 1114733, Note: The % recoveries for Perfluoropentanesulfonic acid are outside of QSM 5.3 Table B-15 laboratory control limits but % RPD is within limits. The associated sample is Nd to below the MDL for Perfluoropentanesulfonic acid. The associated LCS/LCSD is within both % Recovery and %RPD limits. No corrective action required.



Sample Result Summary

Report prepared for: Daniel A. Weis, R.E.H.S.
Advantage Environmental Consultants, LLC

Date Received: 06/25/19

Date Reported: 07/12/19

B2

1906219-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

B3

1906219-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

SS1

1906219-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

SS2

1906219-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

B1-1

1906219-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

B1-3

1906219-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

B2-1

1906219-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

B2-3

1906219-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						

B3-1

1906219-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
All compounds were non-detectable for this sample.						



Sample Result Summary

Report prepared for: Daniel A. Weis, R.E.H.S.
Advantage Environmental Consultants, LLC

Date Received: 06/25/19

Date Reported: 07/12/19

B3-3

1906219-013

Parameters:

Analysis
Method

DF

MDL

PQL

Results

Unit

All compounds were non-detectable for this sample.



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B2	Lab Sample ID:	1906219-001A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Groundwater
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-W-QSM 5.3	Prep Batch Date/Time: 7/12/19 15:44:00
Prep Batch ID: 1114732	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	1.9	11	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	2.0	11	ND		ng/L	07/10/19	2:24	TA	440690
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	2.3	11	ND		ng/L	07/10/19	2:24	TA	440690
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	3.6	22	ND		ng/L	07/10/19	2:24	TA	440690
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	1.7	11	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	2.3	11	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	1.3	11	ND		ng/L	07/10/19	2:24	TA	440690
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	3.1	22	ND		ng/L	07/10/19	2:24	TA	440690
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	3.2	22	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	3.1	22	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	1.6	11	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	3.1	11	ND		ng/L	07/10/19	2:24	TA	440690
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	2.9	11	ND		ng/L	07/10/19	2:24	TA	440690
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	12	44	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	4.3	22	ND		ng/L	07/10/19	2:24	TA	440690
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	1.8	11	ND		ng/L	07/10/19	2:24	TA	440690
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	6.1	22	ND		ng/L	07/10/19	2:24	TA	440690
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	3.5	22	ND		ng/L	07/10/19	2:24	TA	440690
Pefluoro-n-undeconic acid	QSM 5.3 Table B-15	1	2.8	22	ND		ng/L	07/10/19	2:24	TA	440690



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B2	Lab Sample ID:	1906219-001A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Groundwater
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-W-QSM 5.3	Prep Batch Date/Time: 7/12/19 15:44:00
Prep Batch ID: 1114732	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
<i>The results shown below are reported using their MDL.</i>											
Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	3.8	22	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	1.7	22	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	7.9	22	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	7.9	22	ND		ng/L	07/10/19	2:24	TA	440690
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	1.9	22	ND		ng/L	07/10/19	2:24	TA	440690



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B3	Lab Sample ID:	1906219-002A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Groundwater
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-W-QSM 5.3	Prep Batch Date/Time: 7/12/19 15:44:00
Prep Batch ID: 1114732	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	1.8	10	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	1.9	10	ND		ng/L	07/10/19	2:42	TA	440690
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	2.2	10	ND		ng/L	07/10/19	2:42	TA	440690
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	3.3	21	ND		ng/L	07/10/19	2:42	TA	440690
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	1.6	10	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	2.2	10	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	1.2	10	ND		ng/L	07/10/19	2:42	TA	440690
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	2.9	21	ND		ng/L	07/10/19	2:42	TA	440690
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	3.0	21	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	2.9	21	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	1.5	10	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	2.9	10	ND		ng/L	07/10/19	2:42	TA	440690
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	2.7	10	ND		ng/L	07/10/19	2:42	TA	440690
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	11	42	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	4.0	21	ND		ng/L	07/10/19	2:42	TA	440690
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	1.7	10	ND		ng/L	07/10/19	2:42	TA	440690
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	5.7	21	ND		ng/L	07/10/19	2:42	TA	440690
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	3.3	21	ND		ng/L	07/10/19	2:42	TA	440690
Pefluoro-n-undeconic acid	QSM 5.3 Table B-15	1	2.7	21	ND		ng/L	07/10/19	2:42	TA	440690



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B3	Lab Sample ID:	1906219-002A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Groundwater
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-W-QSM 5.3	Prep Batch Date/Time: 7/12/19 15:44:00
Prep Batch ID: 1114732	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	3.6	21	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	1.6	21	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	7.4	21	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	7.4	21	ND		ng/L	07/10/19	2:42	TA	440690
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	1.8	21	ND		ng/L	07/10/19	2:42	TA	440690



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	SS1	Lab Sample ID:	1906219-003A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19 15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	0.28	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	0.21	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	0.77	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	1.1	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	0.46	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	0.73	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.88	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	0.76	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	0.34	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	0.81	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	1.9	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	0.68	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	0.96	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.80	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.79	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Pefluoro-n-undeconic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	1.00	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	SS1	Lab Sample ID:	1906219-003A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19	15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	0.39	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	0.41	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/10/19	0:20	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	SS2	Lab Sample ID:	1906219-004A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19 15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	0.28	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	0.21	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	0.77	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	1.1	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	0.46	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	0.73	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.88	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	0.76	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	0.34	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	0.81	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	1.9	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	0.68	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	0.96	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.80	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.79	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoro-n-undecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	1.00	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	SS2	Lab Sample ID:	1906219-004A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19	15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	0.39	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	0.41	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/10/19	0:38	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B1-1	Lab Sample ID:	1906219-005A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19 15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	0.28	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	0.21	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	0.77	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	1.1	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	0.46	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	0.73	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.88	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	0.76	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	0.34	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	0.81	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	1.9	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	0.68	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	0.96	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.80	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.79	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoro-n-undecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	1.00	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B1-1	Lab Sample ID:	1906219-005A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19	15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	0.39	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	0.41	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	21:41	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B1-3	Lab Sample ID:	1906219-006A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19 15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	0.28	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	0.21	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	0.77	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	1.1	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	0.46	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	0.73	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.88	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	0.76	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	0.34	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	0.81	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	1.9	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	0.68	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	0.96	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.80	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.79	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Pefluoro-n-undeconic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	1.00	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B1-3	Lab Sample ID:	1906219-006A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19	15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	0.39	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	0.41	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	21:59	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B2-1	Lab Sample ID:	1906219-008A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19 15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	0.28	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	0.21	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	0.77	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	1.1	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	0.46	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	0.73	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.88	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	0.76	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	0.34	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	0.81	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	1.9	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	0.68	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	0.96	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.80	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.79	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Pefluoro-n-undeconic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	1.00	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B2-1	Lab Sample ID:	1906219-008A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19	15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	0.39	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	0.41	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	22:34	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B2-3	Lab Sample ID:	1906219-010A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19 15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	0.28	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	0.21	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	0.77	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	1.1	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	0.46	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	0.73	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.88	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	0.76	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	0.34	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	0.81	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	1.9	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	0.68	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	0.96	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.80	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.79	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoro-n-undecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	1.00	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B2-3	Lab Sample ID:	1906219-010A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19	15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	0.39	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	0.41	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	23:09	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B3-1	Lab Sample ID:	1906219-011A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19 15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	0.28	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	0.21	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	0.77	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	1.1	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	0.46	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	0.73	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.88	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	0.76	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	0.34	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	0.81	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	1.9	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	0.68	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	0.96	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.80	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.79	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoro-n-undecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	1.00	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B3-1	Lab Sample ID:	1906219-011A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19	15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	0.39	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	0.41	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/09/19	23:27	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B3-3	Lab Sample ID:	1906219-013A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19 15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-butanoic acid	QSM 5.3 Table B-15	1	0.28	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoro-n-pentanoic acid	QSM 5.3 Table B-15	1	0.21	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluorobutanesulfonic acid	QSM 5.3 Table B-15	1	0.77	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Fluorotelomer sulphonic acid 4:2	QSM 5.3 Table B-15	1	1.1	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoropentanesulfonic acid	QSM 5.3 Table B-15	1	0.46	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoro-n-heptanoic acid	QSM 5.3 Table B-15	1	0.73	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluorohexanesulfonic acid	QSM 5.3 Table B-15	1	0.88	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Fluorotelomer sulphonic acid 6:2	QSM 5.3 Table B-15	1	0.76	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoro-n-octanoic acid	QSM 5.3 Table B-15	1	0.25	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoro-n-nonanoic acid	QSM 5.3 Table B-15	1	0.34	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoroheptanesulfonic acid	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluorooctanesulfonic acid	QSM 5.3 Table B-15	1	0.81	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Fluorotelomer sulphonic acid 8:2	QSM 5.3 Table B-15	1	1.9	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoro-n-decanoic acid	QSM 5.3 Table B-15	1	0.68	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluorononanesulfonic acid	QSM 5.3 Table B-15	1	0.96	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
2-(N-Methylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.80	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	QSM 5.3 Table B-15	1	0.79	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Pefluoro-n-undeconic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluorodecanesulfonic acid	QSM 5.3 Table B-15	1	1.00	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696



SAMPLE RESULTS

Report prepared for: Daniel A. Weis, R.E.H.S.
 Advantage Environmental Consultants, LLC

Date/Time Received: 06/25/19, 10:00 am
Date Reported: 07/12/19

Client Sample ID:	B3-3	Lab Sample ID:	1906219-013A
Project Name/Location:	Natwar Ln., Perris, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	06/19/19 /		
SDG:			

Prep Method: PFAS-S-QSM 5.3	Prep Batch Date/Time: 7/8/19	15:49:00
Prep Batch ID: 1114733	Prep Analyst: MKAUR	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Perfluoro-n-dodecanoic acid	QSM 5.3 Table B-15	1	0.39	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoro-n-tridecanoic acid	QSM 5.3 Table B-15	1	0.41	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoro-n-tetradecanoic acid	QSM 5.3 Table B-15	1	0.69	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696
Perfluoro-1-octanesulfonamide	QSM 5.3 Table B-15	1	0.48	2.5	ND		ug/Kg	07/10/19	0:03	TA	440696



MB Summary Report

Work Order:	1906219	Prep Method:	PFAS-W-QSM 5.3	Prep Date:	07/12/19	Prep Batch:	1114732
Matrix:	Water	Analytical Method:	QSM 5.3 Table B-15	Analyzed Date:	7/10/2019	Analytical Batch:	440690
Units:	ng/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Perfluoro-n-butanoic acid	1.7	10	ND		
Perfluoro-n-pentanoic acid	1.8	10	ND		
Perfluorobutanesulfonic acid	2.1	10	ND		
Fluorotelomer sulphonic acid 4:2	3.2	20	ND		
Perfluorohexanesulfonic acid	1.5	10	ND		
Perfluoropentanesulfonic acid	2.1	10	ND		
Perfluoro-n-heptanoic acid	1.2	10	ND		
Perfluorohexanesulfonic acid	2.8	20	ND		
Fluorotelomer sulphonic acid 6:2	2.9	20	ND		
Perfluoro-n-octanoic acid	2.8	20	ND		
Perfluoro-n-nonanoic acid	1.4	10	ND		
Perfluoroheptanesulfonic acid	2.8	10	ND		
Perfluorooctanesulfonic acid	2.6	10	ND		
Fluorotelomer sulphonic acid 8:2	11	40	ND		
Perfluoro-n-decanoic acid	3.9	20	ND		
Perfluorononanesulfonic acid	1.7	10	ND		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	5.4	20	ND		
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	3.2	20	ND		
Perfluoro-n-undecanoic acid	2.6	20	ND		
Perfluorodecanesulfonic acid	3.4	20	ND		
Perfluoro-n-dodecanoic acid	1.5	20	ND		
Perfluoro-n-tridecanoic acid	7.1	20	ND		
Perfluoro-n-tetradecanoic acid	7.1	20	ND		
Perfluoro-1-octanesulfonamide	1.7	20	ND		



MB Summary Report

Work Order:	1906219	Prep Method:	PFAS-S-QSM 5.3	Prep Date:	07/08/19	Prep Batch:	1114733
Matrix:	Soil	Analytical Method:	QSM 5.3 Table B-15	Analyzed Date:	7/9/2019	Analytical Batch:	440696
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Perfluoro-n-butanoic acid	0.28	2.5	ND		
Perfluoro-n-pentanoic acid	0.21	2.5	ND		
Perfluorobutanesulfonic acid	0.77	2.5	ND		
Fluorotelomer sulphonic acid 4:2	1.1	2.5	ND		
Perfluorohexanesulfonic acid	0.25	2.5	ND		
Perfluoropentanesulfonic acid	0.46	2.5	ND		
Perfluoro-n-heptanoic acid	0.73	2.5	ND		
Perfluorohexanesulfonic acid	0.88	2.5	ND		
Fluorotelomer sulphonic acid 6:2	0.76	2.5	ND		
Perfluoro-n-octanoic acid	0.25	2.5	ND		
Perfluoro-n-nonanoic acid	0.34	2.5	ND		
Perfluoroheptanesulfonic acid	0.48	2.5	ND		
Perfluorooctanesulfonic acid	0.81	2.5	ND		
Fluorotelomer sulphonic acid 8:2	1.9	2.5	ND		
Perfluoro-n-decanoic acid	0.68	2.5	ND		
Perfluorononanesulfonic acid	0.96	2.5	ND		
2-(N-Methylperfluorooctanesulfonamido)acetic acid					
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	0.79	2.5	ND		
Perfluoro-n-undecanoic acid	0.69	2.5	ND		
Perfluorodecanesulfonic acid	1.00	2.5	ND		
Perfluoro-n-dodecanoic acid	0.39	2.5	ND		
Perfluoro-n-tridecanoic acid	0.41	2.5	ND		
Perfluoro-n-tetradecanoic acid	0.69	2.5	ND		
Perfluoro-1-octanesulfonamide	0.48	2.5	ND		
M2PFTeDA (EIS)			100		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1906219	Prep Method:	PFAS-W-QSM 5.3	Prep Date:	07/12/19	Prep Batch:	1114732
Matrix:	Water	Analytical Method:	QSM 5.3 Table B-15	Analyzed Date:	7/10/2019	Analytical Batch:	440690
Units:	ng/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Perfluoro-n-butanoic acid	3.41	20.0	ND	80	115	113	0.877	73 - 129	20	
Perfluoro-n-pentanoic acid	3.62	20.0	ND	80	115	112	1.87	72 - 129	20	
Perfluorobutanesulfonic acid	4.20	20.0	ND	80	116	113	2.74	72 - 130	20	
Fluorotelomer sulphonic acid 4	6.40	40.0	ND	80	119	118	0.422	63 - 143	20	
Perfluorohexanesulfonic acid	2.98	20.0	ND	80	112	109	2.26	69 - 130	20	
Perfluoropentanesulfonic acid	4.14	20.0	ND	80	144	133	8.14	71 - 127	20	S
Perfluoro-n-heptanoic acid	2.30	20.0	ND	80	115	113	1.32	72 - 130	20	
Perfluorohexanesulfonic acid	5.61	40.0	ND	80	103	93.6	9.41	68 - 131	20	
Fluorotelomer sulphonic acid 6	5.74	40.0	ND	80	120	143	18.3	64 - 140	20	S
Perfluoro-n-octanoic acid	5.60	40.0	ND	80	94.9	103	8.45	71 - 133	20	
Perfluoro-n-nonanoic acid	2.89	20.0	ND	80	103	101	2.33	69 - 130	20	
Perfluoroheptanesulfonic acid	5.63	20.0	ND	80	106	100	4.98	69 - 131	20	
Perfluorooctanesulfonic acid	5.22	20.0	ND	80	110	109	0.228	65 - 140	20	
Fluorotelomer sulphonic acid 8	22.0	80.0	ND	80	123	118	3.32	67 - 138	20	
Perfluoro-n-decanoic acid	7.77	40.0	ND	80	100	102	1.36	71 - 129	20	
Perfluorononanesulfonic acid	3.32	20.0	ND	80	104	95.2	8.42	69 - 127	20	
2-(N-Methylperfluorooctanesul	10.9	40.0	ND	80	121	119	1.66	65 - 136	20	
2-(N-Ethylperfluorooctanesulfo	6.31	40.0	ND	80	104	104	0.120	61 - 135	20	
Pefluoro-n-undecanoic acid	5.12	40.0	ND	80	89.1	93.4	4.66	69 - 133	20	
Perfluorodecanesulfonic acid	6.88	40.0	ND	80	116	114	0.870	53 - 142	20	
Perfluoro-n-dodecanoic acid	3.00	40.0	ND	80	110	110	0.795	73 - 129	20	
Perfluoro-n-tridecanoic acid	14.2	40.0	ND	80	117	114	2.92	65 - 144	20	
Perfluoro-n-tetradecanoic acid	14.2	40.0	ND	80	122	121	0.617	65 - 144	20	
Perfluoro-1-octanesulfonamide	3.36	40.0	ND	80	110	105	5.20	67 - 137	20	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1906219	Prep Method:	PFAS-S-QSM 5.3	Prep Date:	07/08/19	Prep Batch:	1114733
Matrix:	Soil	Analytical Method:	QSM 5.3 Table B-15	Analyzed Date:	7/9/2019	Analytical Batch:	440696
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Perfluoro-n-butanoic acid	0.280	2.50	ND	5.0	75.5	74.7	1.07	71 - 135	30	
Perfluoro-n-pentanoic acid	0.207	2.50	ND	5.0	74.1	76.0	2.67	69 - 132	30	
Perfluorobutanesulfonic acid	0.766	2.50	ND	5.0	75.3	74.8	0.533	72 - 128	30	
Fluorotelomer sulphonic acid 4	1.11	2.50	ND	5.0	73.4	72.9	0.546	62 - 145	30	
Perfluorohexanesulfonic acid	0.879	2.50	ND	5.0	69.4	72.1	3.95	65 - 135	30	
Perfluoropentanesulfonic acid	0.461	2.50	ND	5.0	84.4	86.9	3.03	73 - 123	30	
Perfluoro-n-heptanoic acid	0.731	2.50	ND	5.0	80.7	76.4	5.35	71 - 131	30	
Perfluorohexanesulfonic acid	0.879	2.50	ND	5.0	66.9	68.3	1.78	67 - 130	30	
Fluorotelomer sulphonic acid 6	0.763	2.50	ND	5.0	75.2	70.2	6.88	64 - 140	30	
Perfluoro-n-octanoic acid	0.252	2.50	ND	5.0	70.3	74.0	5.27	69 - 133	30	
Perfluoro-n-nonanoic acid	0.336	2.50	ND	5.0	72.2	71.5	0.834	72 - 129	30	
Perfluoroheptanesulfonic acid	0.478	2.50	ND	5.0	70.3	69.9	0.285	70 - 132	30	
Perfluorooctanesulfonic acid	0.806	2.50	ND	5.0	70.4	71.4	1.41	68 - 136	30	
Fluorotelomer sulphonic acid 8	1.91	2.50	ND	5.0	71.4	78.0	8.84	65 - 137	30	
Perfluoro-n-decanoic acid	0.675	2.50	ND	5.0	79.3	70.2	12.3	69 - 133	30	
Perfluorononanesulfonic acid	0.963	2.50	ND	5.0	67.9	69.2	2.04	65 - 135	30	
2-(N-Methylperfluorooctanesul	0.803	2.50	ND	5.0	72.9	82.2	11.9	63 - 144	30	
2-(N-Ethylperfluorooctanesulfo	0.794	2.50	ND	5.0	64.9	68.4	5.41	61 - 139	30	
Pefluoro-n-undeconic acid	0.689	2.50	ND	5.0	62.7	60.2	3.91	60 - 140	30	
Perfluorodecanesulfonic acid	0.997	2.50	ND	5.0	82.4	78.8	4.47	59 - 134	30	
Perfluoro-n-dodecanoic acid	0.387	2.50	ND	5.0	72.8	71.8	1.38	69 - 135	30	
Perfluoro-n-tridecanoic acid	0.412	2.50	ND	5.0	73.6	75.9	3.21	66 - 139	30	
Perfluoro-n-tetradecanoic acid	0.693	2.50	ND	5.0	78.3	79.8	1.77	69 - 133	30	
Perfluoro-1-octanesulfonamide	0.484	2.50	ND	5.0	71.8	72.7	1.38	67 - 137	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1906219	Prep Method:	PFAS-S-QSM 5.3	Prep Date:	07/08/19	Prep Batch:	1114733
Matrix:	Soil	Analytical Method:	QSM 5.3 Table B-15	Analyzed Date:	7/10/2019	Analytical Batch:	440696
Spiked Sample:	1906219-003A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Perfluoro-n-butanoic acid	0.280	2.50	ND	5.0	91.5	93.0	1.74	71 - 135	30	
Perfluoro-n-pentanoic acid	0.207	2.50	ND	5.0	95.5	95.9	0.209	69 - 132	30	
Perfluorobutanesulfonic acid	0.766	2.50	ND	5.0	90.7	94.9	4.53	72 - 128	30	
Fluorotelomer sulphonic acid 4:2	1.11	2.50	ND	5.0	98.8	103	3.77	62 - 145	30	
Perfluorohexanesulfonic acid	0.253	2.50	ND	5.0	93.8	96.7	2.94	65 - 135	30	
Perfluoropentanesulfonic acid	0.461	2.50	ND	5.0	145	140	3.37	73 - 123	30	S
Perfluoro-n-heptanoic acid	0.731	2.50	ND	5.0	101	99.1	1.60	71 - 131	30	
Perfluorohexanesulfonic acid	0.879	2.50	ND	5.0	86.5	83.7	3.29	67 - 130	30	
Fluorotelomer sulphonic acid 6:2	0.763	2.50	ND	5.0	108	99.0	8.88	64 - 140	30	
Perfluoro-n-octanoic acid	0.252	2.50	ND	5.0	83.6	81.4	2.66	69 - 133	30	
Perfluoro-n-nonanoic acid	0.336	2.50	ND	5.0	86.4	86.1	0.464	72 - 129	30	
Perfluoroheptanesulfonic acid	0.478	2.50	ND	5.0	90.0	89.4	0.669	70 - 132	30	
Perfluorooctanesulfonic acid	0.806	2.50	ND	5.0	90.4	92.9	1.84	68 - 136	30	
Fluorotelomer sulphonic acid 8:2	1.91	2.50	ND	5.0	87.5	106	19.0	65 - 137	30	
Perfluoro-n-decanoic acid	0.675	2.50	ND	5.0	82.4	82.9	0.702	69 - 133	30	
Perfluorononanesulfonic acid	0.963	2.50	ND	5.0	87.8	84.7	3.48	65 - 135	30	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	0.803	2.50	ND	5.0	96.3	98.0	1.85	63 - 144	30	
2-(N-Ethylperfluorooctanesulfonamido)acetic acid	0.794	2.50	ND	5.0	87.3	85.5	2.31	61 - 139	30	
Perfluoro-n-undecanoic acid	0.689	2.50	ND	5.0	76.4	76.6	0.257	60 - 140	30	
Perfluorodecanesulfonic acid	0.997	2.50	ND	5.0	96.3	94.3	1.85	59 - 134	30	
Perfluoro-n-dodecanoic acid	0.387	2.50	ND	5.0	93.7	91.8	1.88	69 - 135	30	
Perfluoro-n-tridecanoic acid	0.412	2.50	ND	5.0	92.3	92.7	0.649	66 - 139	30	
Perfluoro-n-tetradecanoic acid	0.693	2.50	ND	5.0	102	101	1.37	69 - 133	30	
Perfluoro-1-octanesulfonamide	0.484	2.50	ND	5.0	93.6	94.9	1.27	67 - 137	30	



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg/m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm ² surface)

LABORATORY QUALIFIERS:

<p>B - Indicates when the analyte is found in the associated method or preparation blank</p> <p>D - Surrogate is not recoverable due to the necessary dilution of the sample</p> <p>E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.</p> <p>H- Indicates that the recommended holding time for the analyte or compound has been exceeded</p> <p>J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative</p> <p>NA - Not Analyzed</p> <p>N/A - Not Applicable</p> <p>ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.</p> <p>NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added</p> <p>R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts</p> <p>S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative</p> <p>X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.</p>



Sample Receipt Checklist

Client Name: Advantage Environmental Consultants, LLC

Date and Time Received: 6/25/2019 10:00:00

Project Name: Natwar Ln., Perris, CA

Received By: Navin Ghodasara

Work Order No.: 1906219

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: GSO

Chain of Custody (COC) Information

Chain of custody present? Yes
Chain of custody signed when relinquished and received? Yes
Chain of custody agrees with sample labels? Yes
Custody seals intact on sample bottles? Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present
Shipping Container/Cooler In Good Condition? Yes
Samples in proper container/bottle? Yes
Samples containers intact? Yes
Sufficient sample volume for indicated test? Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes
Container/Temp Blank temperature in compliance? Yes Temperature: 8.0 °C
Water-VOA vials have zero headspace? No VOA vials submitted
Water-pH acceptable upon receipt? N/A
pH Checked by: N/A pH Adjusted by: N/A

Comments:



Login Summary Report

Client ID:	TL6306 Advantage Environmental Consultants, LLC	QC Level:	II
Project Name:	Natwar Ln., Perris, CA	TAT Requested:	10 Day:10
Project # :		Date Received:	6/25/2019
Report Due Date:	7/12/2019	Time Received:	10:00 am

Comments:

Work Order # : **1906219**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1906219-001A	B2	06/19/19	Water	08/03/19			PFAS_W	
Sample Note: **NEED LOGIN for PFAS for samples 1-6, -8, -10, -11, -13 after new testcodes created: (1 and 2 = GW (coll.6/19), all others soil)								
1906219-002A	B3	06/19/19	Water	08/03/19			PFAS_W	
1906219-003A	SS1	06/19/19	Soil	12/16/19			PFAS_S	
Sample Note: **NEED LOGIN for PFAS for samples 1-6, -8, -10, -11, -13 after new testcodes created: (1 and 2 = GW (coll.6/19), all others soil)								
1906219-004A	SS2	06/19/19	Soil	12/16/19			PFAS_S	
1906219-005A	B1-1	06/19/19	Soil	12/16/19			PFAS_S	
1906219-006A	B1-3	06/19/19	Soil	12/16/19			PFAS_S	
1906219-007A	B1-2	06/19/19	Soil	12/16/19			Hold Samples	
Sample Note:								
1906219-008A	B2-1	06/19/19	Soil	12/16/19			PFAS_S	
1906219-009A	B2-2	06/19/19	Soil	12/16/19			Hold Samples	
1906219-010A	B2-3	06/19/19	Soil	12/16/19			PFAS_S	
1906219-011A	B3-1	06/19/19	Soil	12/16/19			PFAS_S	
1906219-012A	B3-2	06/19/19	Soil	12/16/19			Hold Samples	
1906219-013A	B3-3	06/19/19	Soil	12/16/19			PFAS_S	



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CHAIN OF CUSTODY

LAB WORK ORDER NO
 1966219

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: Advantage Environmental Consultants, LLC (AEC)			Location of Sampling: <i>Natwar Ln, Perris, CA</i>		
Address: 145 Vallecitos De Oro, Ste. 201			Purpose:		
City: San Marcos	State: CA	Zip Code: 92069	Special Instructions / Comments:		
Telephone: 760-744-3363		FAX: 760-744-3383			
REPORT TO: Keith Sy/ Dan Weis		SAMPLER: Keith Sy		P.O. #: _____ EMAIL: ksy@aec-env.com/ Dweis@aec-env.com	

TURNAROUND TIME:		SAMPLE TYPE:		REPORT FORMAT:	
<input type="checkbox"/> 10 Work Days	<input type="checkbox"/> 3 Work Days	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Air	<input type="checkbox"/> QC Level IV	ANALYSIS REQUESTED
<input type="checkbox"/> 7 Work Days	<input type="checkbox"/> 2 Work Days	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Other	<input type="checkbox"/> EDF	
<input type="checkbox"/> 5 Work Days	<input type="checkbox"/> 1 Work Day	<input checked="" type="checkbox"/> Ground Water		<input type="checkbox"/> Excel / EDD	
	<input type="checkbox"/> Noon - Nxt Day	<input type="checkbox"/> Soil			
	<input type="checkbox"/> 2 - 8 Hours				

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	REMARKS
001A	B2	6/19/19	Ground water	1	poly	
002A	B3	6/19/19	↓	↓	↓	
003A	SS1	6/19/19	soil	1	bag	
004A	SS2	6/19/19	↓	↓	↓	
005A	B1-1	↓	↓	↓	metallic glass	
006A	B1-3	↓	↓	↓		
007A	B1-2	↓	↓	↓		
008A	B2-1	↓	↓	↓		
009A	B2-2	↓	↓	↓		Temp 8°C #2
010A	B2-3	↓	↓	↓		

1	Relinquished By: <i>[Signature]</i>	Print: Keith Sy	Date: 6/20/19	Time: 1200	Received By: GSO	Print: _____	Date: _____	Time: _____
2	Relinquished By: GSO	Print: _____	Date: 6/25/19	Time: 10:00 AM	Received By: <i>[Signature]</i>	Print: NAVIN G	Date: 6/25/19	Time: 10:00 AM

Were Samples Received in Good Condition? Yes NO Samples on Ice? Yes NO Method of Shipment **GSO** Sample seals intact? Yes NO N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page 1 of 2

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date: _____

