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December 2, 2013

VIA U.S. MAIL AND ELECTRONIC MAIL

Ms. Dyan Whyte
Assistant Executive Officer
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

Re: *Site History Description – June 27, 2013 Amended Water Code section 13267 Order, Order No. R2-2013-1005-A1, Directive 12*

Dear Ms. Whyte:

Enclosed, in accordance with the Regional Water Quality Control Board, San Francisco Bay Region's, ("Regional Water Board") June 27, 2013 amended Water Code section 13267 Order, Order No. R2-2013-1005-A1, ("Order"), Lehigh Southwest Cement Company ("Lehigh") provides and encloses the Site History Description pursuant to Directive 12 of that Order.

If you or your staff have any questions regarding the above report or enclosed documents, please do not hesitate to contact me or Greg Knapp at Lehigh.

Very truly yours,

Nicole Granquist

Nicole E. Granquist

Cc: Brian Thompson, Regional Water Quality Control Board, San Francisco Bay Region
Lindsay Whalin, Regional Water Quality Control Board, San Francisco Bay Region
Greg Knapp, Director Environmental Region West, Lehigh
Scott Rickman, Regional Counsel, Lehigh Hanson

Lehigh Permanente Facility Site History Description

Cupertino, Santa Clara County, California

Lehigh Southwest Cement Company

Prepared by:

HDR Engineering, Inc.
1670 Broadway, Suite 3400
Denver, Colorado 80202
HDR Project Number 0216850

Date

December 2, 2013



ONE COMPANY | *Many Solutions*SM

December 2, 2013

Mr. Greg Knapp
Director Environmental, Safety, and Health, Region West North
Lehigh Hanson
12667 Alcosta Blvd Suite 400
San Ramon, CA 94583

Re: Lehigh Permanente Facility Site History Description
Cupertino, Santa Clara County, California

Dear Mr. Knapp:

We are pleased to provide you with this Site History Description documenting the results of the above-referenced Lehigh Permanente Facility (Site) evaluation. The San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) issued a Water Code section 13267 Investigative Order, Order No. R2-2013-005-A1, dated June 27, 2013 (the 13267 Order), requiring Lehigh Southwest Cement to submit a Site History Description (Item 12). This report was prepared to satisfy the Site History Description request, including the requirement to provide a chronology of waste disposal activities and other events at the Lehigh Permanente facility that may have caused, or had the potential to cause, soil and groundwater contamination at the Site. The deadline for submission of the Site History Description was extended to December 1, 2013 by an October 11, 2013 letter from the SFBRWQCB's Assistant Executive Officer; thus, this submission is timely. The Site History Description includes our methodology, findings, opinions, and conclusions.

HDR appreciates the opportunity to serve Lehigh Southwest Cement on this important project. If you have any questions or comments, please feel free to contact David Bieber at 303-323-9856.

Sincerely,

HDR ENGINEERING, INC.

David W. Bieber, PG, PGP, CEG, CHG, CPG
Colorado Resources Group Mining Sector Leader

Distribution: Electronic Copy

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List of Acronyms

AFS	Air Facility System
AIRS	Aerometric Information Retrieval System
AMSL	Above Mean Sea Level
ASTM	American Society for Testing and Materials
AUL	Activity Use Limitations
BTEX	Benzene, Toluene, Ethyl benzene, and total Xylenes
C-DOCKET	Criminal Docket System used to track criminal enforcement actions for all environmental statutes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CGS	California Geological Survey
CKD	Cement Kiln Dust
COC	Contaminant of Concern
DOCKET	Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes
E-GGRT	Electronic Greenhouse Gas Reporting
EDR	Environmental Data Resources, Inc.
EIR	Environmental Impact Report
EIS	Emission Inventory System
EMSA	East Materials Storage Area
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
ESL	Environmental Screening Level
FFIS	Federal Facilities Information System
FINDS	Facility Index System
FURS	Federal Underground Injection Control
GM/GC	Silty Gravel/Clayey Gravel
ICIS	Integrated Compliance Information System
HMBP	Hazardous Material Business Plan
HREC	Historic Recognized Environmental Conditions
HWTS	Hazardous Waste Tracking System
LUST	Leaking underground storage tank
mg/kg	milligrams per kilogram
ML/CL	Silt/Lean Clay
N/A	Not Applicable

PADS	PCB Activity Data System
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated biphenyl
PCS	Permit Compliance System
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
REC	Recognized Environmental Condition
RWQCB	Regional Water Quality Control Board
SES	Strategic Engineering and Sciences, Inc.
SFBRWQCB	San Francisco Bay Regional Water Quality Control Board
SPCCP	Spill Prevention, Control, and Countermeasures Plan
STATE	State Environmental Laws and Statutes
STLC	Soluble Threshold Limit Concentration
SVOC	Semi-volatile Organic Compounds
TPH	Total Petroleum Hydrocarbons
TPH-D	Diesel Range Total Petroleum Hydrocarbons
TPH-G	Gasoline Range Total Petroleum Hydrocarbons
TPH-HO	Hydraulic Oil Range Total Petroleum Hydrocarbons
TPH-O	Oil Range Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory
TSCA	Toxic Substances Control Act
TTLIC	Total Threshold Limit Concentration
USGS	United States Geological Survey
UST	underground storage tank
VOC	Volatile Organic Compound
WMSA	West Materials Storage Area

Note: An additional acronym list is located in the Governmental Database Report, Appendix A.

EXECUTIVE SUMMARY

HDR Engineering, Inc. (HDR) conducted a historical evaluation of the Lehigh Permanente Facility located at 24001 Stevens Creek Boulevard in Cupertino, California (the Site) for purposes of preparing this Site History Description for Lehigh Southwest Cement Company (Lehigh). Lehigh requested this Site History Description of the aforementioned property to address a Water Code section 13267 Investigative Order, Order No. R2-2013-005-A1, dated June 27, 2013 (13267 Order) issued by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), requiring Lehigh to submit a Site History Description (Item 12) that includes, among other things, a chronology of waste disposal activities and other events at the Site that may have caused, or had the potential to cause, soil and groundwater contamination at the site. On April 22, 2013 and then on May 22, 2013, Lehigh submitted a site history and a Source Investigation Workplan originally required by the January 2013 version of the 13267 Order (superseded by the June 2013 version). This submittal supplements the original April 22, 2013 site history submittal prepared and submitted by Lehigh.

The 13267 Order also requires a description of current activities having the potential to contaminate soil and groundwater at the site. Per the Order, this includes a description of the current operations, chemicals used, and wastes generated, recycled, stored, and disposed of on and off site including any hazardous chemicals and wastes, indicating the maximum quantity of each chemical or waste material used, stored, or disposed of on and off site each year of operation. Current operations are summarized in this Site History Description. Additional information on current operations, as well as information on chemicals used, and wastes generated, recycled, stored, and disposed of on and off site including any hazardous chemicals and wastes, indicating the maximum quantity of each chemical or waste material used, stored, or disposed of on and off site each year of operation are in the Hazardous Material Business Plan (HMBP) and Spill Prevention, Control, and Countermeasures Plans (SPCCP), submitted to the Board on April 22, 2013 and referenced in this document as well.

Additionally, the 13267 Order requires that maps showing preferential pathways for the migration of potential compounds of concern (COCs) be provided to the SFBRWQCB. Technical reports addressing preferential pathways were submitted to the SFBRWQCB on behalf of Lehigh on April 22, 2013.

The property, referenced herein as the Site, consists of an approximately 3,510 acre area on the western edge of the City of Cupertino, in Santa Clara County. For purposes of this Historical Evaluation, we have divided the Site into the following areas:

- Aluminum Plant Area comprised of approximately 15 acres, and including the former aluminum manufacturing building and its immediate surroundings.
- Cement Plant Area comprised of approximately 120 acres, and including the current and abandoned cement plants, bulk material storage facilities, shipping and warehouse facilities, administrative facilities including a community relations building and materials testing laboratory, maintenance areas, process and storm water storage and treatment, wastewater treatment facilities, and associated surrounding areas and facilities.
- West Materials Storage Area (WMSA) comprised of approximately 350 acres, and including stockpiles of waste rock, process fines, overburden material, and reclamation top soil.
- Quarry Area comprised of approximately 300 acres, and including the quarry pit, mining equipment parking areas, mine administrative facilities, maintenance areas, runoff and pit water storage and treatment facilities, and associated areas and facilities.
- East Materials Storage Area (EMSA) comprised of approximately 100 acres, and including stockpiles of overburden material, process fines, waste rock and reclamation top soil, storm water detention facilities, and storage for materials and construction equipment. Major

stockpiling of overburden material, process fines, waste rock, and reclamation top soil did not apparently start in the EMSA until after 1993.

- Rock Plant Area comprised of approximately 40 acres, and including aggregate processing equipment, material stockpile areas, control and administrative facilities, maintenance areas, storm water detention facilities, and associated areas and facilities.
- Undeveloped Areas comprised of approximately 2,585 acres, and includes those areas south of Permanente Creek and west of the Rock Plant Area, and the buffer areas on the west, north and east sides of the Site.

Please refer to the Vicinity Map and Site Plan (Figures 1 and 2, respectively) for the location of the Site and the areas described herein.

This Site History Description does not address the potential impacts of various storm and/or process water ponds at the Site; this issue is being addressed via the implementation of the June 2013 Pond Characterization workplan, submitted by Strategic Engineering and Sciences, Inc. (SES) on behalf of Lehigh in response to a request by the SFBRWQCB pursuant to Water Code section 13260, that was conditionally approved on October 1, 2013, which contained a detailed description of the ponds, their contents, and a plan to assess the characteristics and impacts on soil and groundwater, if any. Additional investigation of the WMSA and EMSA contents and impacts on soil or groundwater, if any, is being separately pursued pursuant to a WMSA/EMSA characterization workplan also submitted by SES on February 22, 2013 in response to a request by the SFBRWQCB pursuant to Water Code section 13260, which was conditionally approved on June 26, 2013. Finally, a site groundwater characterization and detection monitoring program workplan was submitted to the SFBRWQCB on October 31, 2013 on behalf of Lehigh by Golder Associates in response to a request by the SFBRWQCB pursuant to Water Code section 13260. Lehigh is awaiting approval of that workplan to continue its evaluation of site hydrogeology and conduct an updated groundwater characterization.

This Site Description also does not address surface water discharges and any impacts related thereto. Surface water discharges are being separately addressed via other provisions of the 13267 Order and NPDES permits already issued, or soon to be issued, to Lehigh.

The areas surrounding the Site include a mix of residential, commercial, and public land uses. The Site is bounded to the east by residential homes, Rancho San Antonio Open Space park lands, and a cemetery; to the north and west by the Rancho San Antonio Open Space Area and lands controlled by the Mid Peninsula Regional Open Space District; and to the south by rural residences, a winery, open space, and the Stevens Creek Quarry.

According to HDR's review of historical sources, including historical aerial photographs and historical topographic maps, the Project Area has been used as a quarry since at least 1903, at which time limestone being quarried from the outcrop exposed in Permanente Creek for use in the sugar refining process. Significant industrialization of the Site began in 1939, when it was purchased by Henry Kaiser and became the Kaiser Cement Quarry. In addition to mining, various industrial process have been conducted on the Site, including Portland cement manufacturing, aggregate production, asphaltic concrete production, magnesium production, and aluminum foil manufacturing. Current activities on the Site include mining of limestone and other rock materials, Portland cement manufacturing, and construction aggregate production. The hazardous materials currently used and/or stored on the Site are detailed in the HMBPs and SPCCP for the Site. According to the HMBPs, hazardous materials are currently located at 16 areas on the Site, as follows:

- Acetylene Storage
- Concrete Laboratory
- Cooling Towers

- Finish Mill Flats
- Garage
- Gas Station
- Grinding Aid
- Laboratory Warehouse
- Oil House II
- Pack House
- Preheater-Cooler Area
- Quarry
- Raw Materials Storage
- Rock Plant
- Upper Waste Storage Area
- Water Treatment Plant

A history of the Site has been presented in previous reports, including, but not limited to, a January 4, 2011 vested rights letter prepared by Diepenbrock Harrison, a January 22, 1993 Supplemental Site Characterization prepared by EMCON Associates, and a May, 2012 Preliminary Assessment Report prepared by Weston Solutions, Inc.

This Site History Description follows the general format of a Phase I Environmental Site Assessment (ESA), but has only been prepared to help identify Recognized Environmental Conditions (RECs) and Historic Recognized Environmental Conditions (HRECs) that may adversely affect soil and/or groundwater at the Site. This Site History Description is not intended to serve as, and does not cover all areas identified in an ESA. The format used for this Evaluation Report is generally based on the American Society for Testing and Materials (ASTM) Practice E 1527-13. This Site History Description uses information from a summary of observations from site reconnaissances conducted by David Bieber on November 6, 2013, a review of regulatory databases, review of historic aerial photographs and topographic maps, a review of historical data sources, review of various environmental reports, review of data in the files of the Santa Clara County Department of Environmental Health and the Santa Clara County Department of Planning and Development, review of files of the California Office of Mine Reclamation, and information provided by Lehigh Cement.

Limestone potentially containing elevated levels of selenium is documented on the Site, and long-term contact between groundwater and the limestone is thought to be a source of selenium in the groundwater underlying the Site. Limestone is present in areas throughout the Site, both as in-place native material and in stockpiles of overburden, waste rock, and topsoil. Determination of the locations where limestone is present on the Site is not a part of the scope of this Site History Description.

Findings

Based on our reviews and observations, the following locations on the Site are, or have been, areas of potential concern for RECs or HRECs:

Aluminum Plant Area

Former Research Building – Soils containing mercury, total petroleum hydrocarbons, and pesticides in excess of regulatory action levels were identified by Peregren staff in this location. However, the site was the subject of a cleanup action in 1990-1991 that was

reported to have addressed soils impacted by contaminants of concern (COCs) that exceeded regulatory limits.

Former Utility Substation – This area contained several transformers which were removed from the Site by General Electric between 1986 and 1991. No COCs were reported in the area at or above levels of regulatory concern.

Aluminum Plant Underground Storage Tank (UST) Area – After USTs were removed from this area, potentially contaminated soil above levels of concern were excavated and disposed of, and this UST site was closed in 1988.

Proposed gas line alignment – Soil contaminated with total petroleum hydrocarbons in the oil range (TPH-O) was reported in this area during an investigation in 2013 for the installation of a new natural gas pipeline along the south side of the aluminum plant building. Based on sampling and analysis performed on soil from the exploratory borings, the level of contamination was below industrial environmental screening levels (ESLs).

Cement Plant Area

Upper Service Station Area – The original USTs were removed in 1993. No COCs are reported to be present in the area of the Upper Service Station, and the area was closed by the SCVWD in 1995. New USTs were reported to have been installed in 1995. We understand that the current USTs in this area are monitored for the release of COCs, in conformance with State of California and local regulations.

Former Lower Service Station Area – Soils containing total petroleum hydrocarbons in the diesel fuel range (TPH-D), total petroleum hydrocarbons in the gasoline range (TPH-G), and associated benzene, toluene, ethylbenzene, and xylene (BTEX) compounds were found in this area when the USTs were removed. The area was the subject of a removal action and the Santa Clara County Water District issued a “No further action” letter dated January 4, 2001 for this area, a copy of which is contained in Appendix C.

Former Emergency Generator UST Area – A UST for storage of diesel fuel was removed from this area, at which time soils contaminated with TPH-D were observed. The area was the subject of a removal action and the Santa Clara County Water District issued a “No further action” letter for this area dated January 4, 2001, a copy of which is contained in Appendix C.

Refinery Coke Storage Area – Refinery coke for fueling the cement kiln is stored on a concrete pad on the southeast portion of the Cement Plant Area. No COCs have been reported to be present in this area. Therefore, no additional action is indicated for this area at this time.

West Materials Storage Area (WMSA)

No areas with potential RECs were documented or observed in this area. However, cement kiln dust (CKD) was reportedly disposed of from 1950 to 1981 in unspecified areas where overburden and topsoil were stockpiled, and may be present in this area.

Quarry Area

Ready Line/Yeager Yard Area – Soils contaminated with TPH-D, total petroleum hydrocarbons in the oil range (TPH-O), and total petroleum hydrocarbons in the hydraulic oil range (TPH-HO) were reported in this area. The area was the subject of a removal action for the contaminated soil in 2005 and the accessible soil containing COCs above industrial ESLs was removed. Some residual contamination above industrial ESLs reportedly could not be removed because it was in areas of bedrock that could not be excavated. However, in the opinion of Levine-Fricke, the consultant who oversaw the removal, the remaining contamination did not present a significant threat and they recommended no further action be taken.

East Materials Storage Area (EMSA)

Upper Level Landfill – Various COCs have been reported in the Upper Level Landfill, including acetone, chromium associated with disposal of cement kiln bricks, Title 22 metals associated with CKD, and undifferentiated total petroleum hydrocarbons (TPH).

Dry Canyon Storage Area – Polychlorinated biphenyls (PCBs), with one sample reported to have levels above the Total Threshold Limit Concentrations (TTLC), and TPH at levels below industrial ESLs have been reported in this area.

Former Impoundment Area – Mercury, cadmium, and selenium have been reported in this area.

Former Asphalt Plant Area – The asphalt plant was reportedly abandoned some time in the late 1940s or early 1950s. After abandonment, the site was reportedly buried by a landslide. However, no COCs were reported in the area at or above levels of regulatory concern.

Former Brine Pond - No COCs were reported in the area at or above levels of regulatory concern.

Rock Plant Area

An area of fill containing possible-chromium-containing brick and CKD was identified south of the rock plant.

Garage Area – Several USTs were removed from the garage area adjacent to the rock plant in 1986. Soil sampling did not reveal the presence COCs in the area at or above levels of regulatory concern.

Undeveloped Areas

No areas with potential RECs were documented or observed in this area.

The locations where HRECs or RECs in the Aluminum Plant Area, Cement Plant Area, EMSA, and Rock Plant Area are shown on the Area Details, Figures 3 through 6, respectively.

Opinions and Conclusions

Based upon the review of the data listed in this Site History Description, it is our opinion that the following locations should be assessed to determine whether COCs are present that may have caused, or have the potential to cause, soil and groundwater contamination at the Site:

- The Upper Level Landfill area in the EMSA, which may contain TPH and Title 22 metals at or above levels concern;
- The Former Impoundment Area in the EMSA, which may contain Title 22 metals at or above levels of concern; and
- An area south of the Rock Plant, which may contain Title 22 metals at or above levels of concern.
- WMSA which may contain Title 22 metals at or above levels concern associated with possible disposal of CKD.
- Dry Canyon Storage Area, which may contain PCBs and TPH.

This Site History Description was limited to a review of the referenced data sources and observations from our reconnaissance of the Site. Other areas of the Site where COCs may be present, beyond those specified here, are not evaluated here.. If additional areas of soil or other materials potentially containing COCs are discovered, we recommend that they be assessed at

the time of discovery, and if COCs are present, they be addressed accordingly, in consultation with the appropriate regulatory authorities.

1 INTRODUCTION

1.1 Purpose

This Site History Description is for the Lehigh Permanente Facility located at 24001 Stevens Creek Boulevard in Cupertino, California (the Site). The purpose of this Site History Description is to address a Water Code section 13267 Investigative Order, Order No. R2-2013-005-A1, dated June 27, 2013 (13267 Order), issued by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), requiring Lehigh Southwest Cement (Lehigh), the operator of the Site, to submit a Site History Description (Item 12).

On April 22, 2013 and then on May 22, 2013, Lehigh submitted a site history and a Source Investigation Workplan originally required by the January 2013 version of the 13267 Order (superseded by the June 2013 version). This submittal supplements the original April 22, 2013 site history submittal prepared and submitted by Lehigh.

The 13267 Order also requires a description of current activities having the potential to contaminate soil and groundwater at the site. Per the Order, this includes a description of the current operations, chemicals used, and wastes generated, recycled, stored, and disposed of on and off site including any hazardous chemicals and wastes, indicating the maximum quantity of each chemical or waste material used, stored, or disposed of on and off site each year of operation. Current operations are summarized in this Site History Description. Additional information on current operations, as well as information on chemicals used, and wastes generated, recycled, stored, and disposed of on and off site including any hazardous chemicals and wastes, indicating the maximum quantity of each chemical or waste material used, stored, or disposed of on and off site each year of operation are in the Hazardous Material Business Plan (HMBP) and Spill Prevention, Control, and Countermeasures Plans (SPCCP), submitted to the Board on April 22, 2013 and referenced in this document as well.

Additionally, the 13267 Order requires that maps showing preferential pathways for the migration of potential compounds of concern (COCs) be provided to the SFBRWQCB. Technical reports addressing preferential pathways were submitted to the SFBRWQCB on behalf of Lehigh on April 22, 2013.

This Site History Description follows the general format of a Phase I Environmental Site Assessment set forth in the American Society for Testing and Materials (ASTM) Practice E 1527-13 (E 1527-13). This Evaluation Report is only intended to help identify Recognized Environmental Conditions (RECs) that may have caused, or have the potential to cause, soil and groundwater contamination at the Site.

A REC is defined by ASTM Practice E 1527-13, Paragraph 3.2.78 as:

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

Where a REC has resulted from historical uses or conditions, but apparently no longer persists at the Site, the term "historical REC" or "HREC" is used.

1.2 Report Users

HDR received authorization from Lehigh to prepare this Site History Description. The Site is defined as the Lehigh Permanente Quarry, located at 24001 Stevens Creek Boulevard in Cupertino, California. This Site History Description has been prepared for Lehigh for submission

to the SFBRWQCB, and only Lehigh has the right to rely on the contents of this Site History Description without written authorization.

1.3 Scope of Services, Significant Assumptions, and Limitations

The services provided for this project consisted of the following:

- Provide a description of the Project Area including current land uses;
- Provide a general description of the Site topography, soils, geology, and groundwater flow direction;
- Review information provided by Lehigh documenting environmental conditions, industrial activities, materials disposal, and known or suspected environmental releases at the Site;
- Review reasonably ascertainable and reviewable regulatory information published by federal, state, local, tribal, health, and/or environmental agencies pertaining to the Site;
- Review historical data sources for the Site, including aerial photographs and topographic maps;
- Conduct a site reconnaissance with a focus on identifying indications of hazardous substance release or disposal on the Site; and
- Prepare a written report of methods, findings, and conclusions.

The goal of this scope of services is to assist the user in identifying areas on the Site that may indicate risks regarding the release of compounds of concern (COCs) that may have caused, or have the potential to cause, soil and groundwater contamination at the Site.

The Phase I Environmental Site Assessment (ESA) format set forth in E 1527-13 is a common and accepted standard document format for identifying RECs. We have therefore chosen to generally follow the format set forth in E 1527-13 for this Site History Description. However, this Site History Description is not intended to serve as, and does not cover all areas identified in an ESA.

This Site History Description uses information from a summary of observations from a site reconnaissance conducted by David Bieber on November 6, 2013, a review of regulatory databases, review of historic aerial photographs and topographic maps, a review of historical data sources, review of various environmental reports and plans provided by Lehigh, review of data in the files of the Santa Clara County Department of Environmental Health and the Santa Clara County Department of Planning and Development, and review of files of the California Office of Mine Reclamation.

Limestone potentially containing elevated levels of selenium is documented on the Site, and long-term contact between groundwater and the limestone present on the Site is thought to be the source the selenium in the groundwater underlying the Site. Limestone is present in areas throughout the Site, both as in-place native material and in stockpiles of overburden, waste rock, and topsoil. Determination of the locations where limestone is present on the Site is beyond the scope of this Site History Description.

Investigative areas not included in the RECs in this Site History Description include the following:

- In-place asbestos building materials and lead-based paint;
- Hazardous materials storage and use where there has not been or there is not an imminent risk of an unauthorized release to the environment, which are covered in the HMBPs and SPCCP for the Site;
- Lead in drinking water;
- Radon or urea formaldehyde;

- Wetland issues;
- Regulatory compliance;
- Cultural and historic resources;
- Industrial hygiene, health and safety;
- Ecological resources;
- Endangered species; and
- High voltage power lines.

This Site History Description does not address the potential impacts of various storm and/or process water ponds at the Site; this issue is being addressed via the implementation of the June 2013 Pond Characterization workplan, submitted by Strategic Engineering and Sciences, Inc. (SES) on behalf of Lehigh in response to a request by the SFBRWQCB pursuant to Water Code section 13260, that was conditionally approved on October 1, 2013, which contained a detailed description of the ponds, their contents, and a plan to assess the characteristics and impacts on soil and groundwater, if any. Additional investigation of the West Materials Storage Area (WMSA) and East Materials Storage Area (EMSA) contents and impacts on soil or groundwater, if any, is being separately pursued pursuant to a WMSA/EMSA characterization workplan also submitted by SES on February 22, 2013 in response to a request by the SFBRWQCB pursuant to Water Code section 13260, which was conditionally approved on June 26, 2013. Finally, a site groundwater characterization and detection monitoring program workplan was submitted to the SFBRWQCB on October 31, 2013 on behalf of Lehigh by Golder Associates in response to a request by the SFBRWQCB pursuant to Water Code section 13260. Lehigh is awaiting approval of that workplan to continue its evaluation of site hydrogeology and conduct an updated groundwater characterization.

The scope of services for this Site History Description also does not include the completion of soil borings, the installation of groundwater monitoring wells, or the collection of soil or groundwater samples. Proposed groundwater investigation and monitoring activities requested by the SFBRWQCB along with this Site History Description are at this point being addressed in a separate workplan prepared for Lehigh by Golder Associates and submitted to the SFBRWQCB on October 31, 2013.

HDR has made certain assumptions in preparing the scope of this assessment:

- Data gathered from public information sources (i.e., libraries or public regulatory agencies) are accurate and reliable.
- Site operations reflect site conditions relative to potential releases and no intentional concealment of environmental conditions or releases has occurred.
- Regulatory information is limited to that recorded after the late 1980s because reliable records were not kept by regulatory agencies prior to that time frame.

The findings and conclusions presented in this report are based on informal discussions with various agencies, a review of the available literature cited in this report, conditions noted at the time of this Site History Description, and HDR's interpretation of the information obtained as part of this Site History Description. The findings and conclusions are limited to the Site as described in this report, and by the accuracy and completeness of the information provided by others.

The investigative processes used to develop this Site History Description cannot entirely eliminate uncertainty regarding the potential for RECs on the Site that may affect soil or groundwater at the Site. Conducting this Site History Description evaluation is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs on the Site, within reasonable limits of time and cost. In conducting its services, HDR used a degree of care and

skill ordinarily exercised under similar circumstances by reputable members of its profession practicing in the same locality.

2 SITE DESCRIPTION

2.1 Location

The property, referenced herein as the Site, is described as the Lehigh Permanente Quarry, located at 24001 Stevens Creek Boulevard on the western edge of Cupertino, in Santa Clara County, California. The Site consists of an approximately 3,510 acre area on the western edge of the City of Cupertino, in Santa Clara County.

Please refer to the Vicinity Map and Site Map (Figures 1 and 2, respectively) for the location of the Site and the areas described herein.

2.2 Site and Vicinity Characteristics

The United States Geological Survey (USGS) 7.5-minute quadrangle maps for Cupertino and Mindego Hill, California indicates that elevations on the Site range from approximately 480 feet above mean sea level (amsl) at the east end of the Site to approximately 2,160 feet amsl at the western boundary of the Site. The topography in the Site is rugged, with steep terrain in developed and undeveloped areas.

2.2.1 Description of Structures, Roads, and Other Site Improvements

For purposes of this Site History Description, we have divided the Site into the following areas:

- Aluminum Plant Area comprised of approximately 15 acres, and including the former aluminum manufacturing building and its immediate surroundings.
- Cement Plant Area comprised of approximately 120 acres, and including the current and abandoned cement plants, bulk material storage facilities, shipping and warehouse facilities, administrative facilities including a community relations building and materials testing laboratory, maintenance areas, process and storm water storage and treatment, wastewater treatment facilities, and associated surrounding areas and facilities.
- West Materials Storage Area (WMSA) comprised of approximately 350 acres, and including stockpiles of waste rock, process fines, overburden material, and reclamation top soil.
- Quarry Area comprised of approximately 300 acres, and including the quarry pit, mining equipment parking areas, mine administrative facilities, maintenance areas, runoff and pit water storage and treatment facilities, and associated areas and facilities.
- East Materials Storage Area (EMSA) comprised of approximately 100 acres, and including stockpiles of overburden material, process fines, waste rock and reclamation top soil, storm water detention facilities, and storage for materials and construction equipment. Rock Plant Area comprised of approximately 40 acres, and including aggregate processing equipment, material stockpile areas, control and administrative facilities, maintenance areas, storm water detention facilities, and associated areas and facilities.
- Undeveloped Areas comprised of approximately 2,585 acres, and includes those areas south of Permanente Creek and west of the Rock Plant Area, and the buffer areas on the west, north and east sides of the Site.

2.2.2 Adjoining Properties

The area surrounding the Site includes a mix of residential, commercial, and public land uses. The Site is bounded to the east by residential homes, Rancho San Antonio Open Space park

lands, and a cemetery; to the north and west by the Rancho San Antonio Open Space Area and lands controlled by the Mid Peninsula Regional Open Space District; and to the south by rural residences, a winery, open space, and the Stevens Creek Quarry.

2.3 Current Onsite Hazardous Materials Use and Storage

The hazardous materials currently used and/or stored on the Site are detailed in the HMBPs and SPCCP for the Site. According to the HMBPs, hazardous materials are currently located at 16 areas on the Site, as follows:

- Acetylene Storage
- Concrete Laboratory
- Cooling Towers
- Finish Mill Flats
- Garage
- Gas Station
- Grinding Aid
- Laboratory Warehouse
- Oil House II
- Pack House
- Preheater-Cooler Area
- Quarry
- Raw Materials Storage
- Rock Plant
- Upper Waste Storage Area
- Water Treatment Plant

2.4 Soil and Geologic Conditions

We evaluated surface and subsurface geologic conditions on the Site by reviewing geologic literature (referenced in Section 7.0 of this report), performing a geological reconnaissance of the quarry pit to observe subsurface geologic conditions, and by performing a geologic reconnaissance to observe outcrops on selected areas we deemed to be representative of surficial geology across the Site.

2.4.1 Site Soils

We reviewed the website for the United States Department of Agriculture Web Soil Surveys for soils information covering the Site. According to the web soil survey data, there are 15 identified soil units on the site, including the mine pit which is classified as "Pits, mine." The "Pits, mine" soil unit accounts for approximately 20-percent of the soil survey area of the Site. The native soils on the Site are generally described as "gravelly loam" to "gravelly sandy clay loam." Over half of the native soil on the Site is classified as "Mouser-Maymen Complex, 30 to 75 percent slopes." Two other soil types each account for more than 5 percent of the area of the native soils on the Site; "Merbeth-Literr complex, 30 to 65 percent slopes," which accounts for approximately 12 percent of the native soil area, and "Katykat-Mouser-Sanikara complex, 30 to 50 percent slopes," which accounts for approximately 7 percent of the native soil area.

Soils observed during our reconnaissance were typically loose to medium dense, dry to moist, light brown to yellowish gray (5yr5/6 to 5y8/1) gravelly to sandy silts with clay (ML/CL grading to GM/GC). The gravel clasts are predominantly made up of chert, graywacke, or limestone with some metavolcanic clasts. We did not observe serpentine or ultramafic rock clasts in the soils. Much of the Site is heavily vegetated so a complete soils reconnaissance was beyond the scope of this Site History Description.

2.4.2 Regional and Local Geology

Information concerning the geologic conditions in proximity to the Site was obtained from a review of the California Geological Survey (CGS) *Geologic Map of the San Francisco-San Jose Quadrangle*, the United States Geological Survey (USGS), *Geologic Map and Map Database of the Palo Alto 30' X 60' Quadrangle, California* (Palo Alto Geologic Quad), Wakabayashi's 1999 paper on the Franciscan Complex, Mathieson's 1982 *Geology of the Permanente Property*, Kaiser Cement Corporation, Permanente, California, Foruria's 2005 *Geologic Report for Permanente Quarry* and our experience from projects in the region.

The Site is located within the central portion of the Coast Ranges Geomorphic Province. The CGS describes the Coast Ranges geomorphic province as follows:

"The Coast Ranges are northwest-trending mountain ranges (2,000 to 4,000, occasionally 6,000 feet elevation above sea level), and valleys. The ranges and valleys trend northwest, subparallel to the San Andreas Fault. Strata dip beneath alluvium of the Great Valley. To the west is the Pacific Ocean. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay. The northern Coast Ranges are dominated by irregular, knobby, landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges are subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Pt. Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to the north of the Farallon Islands."

According to Wakabayashi (1999), the Franciscan units at the Site are part of the Permanente terrain. The Permanente terrain is described as basalt, sandstone, shale, limestone, and chert. The youngest limestone is Coniacian in age and is described as being overlain by undated "graywacke; prehnite-pumpellyite to blueschist metamorphic grade."

We reviewed a proprietary report by Mathieson (1982) for site-specific geologic background on the Site. The geologic units in the Permanente Quarry area are mapped as sandstone; chert; limestone; greenstone; volcanic and metavolcanic rocks; and graywacke, shale, and argillite of the Franciscan Complex, overlain by Plio-Pleistocene nonmarine deposits and Quaternary alluvium. The Site is bisected by numerous faults and shears and the strata are gently folded. The closest mapped occurrence of ultramafic rocks depicted on the CGS 2000 map, *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos*, is approximately eight miles south of the Permanente Quarry. Four isolated fault-bounded slivers of serpentine within a shear zone, each sliver covering less than 3.5 acres, are shown on the Palo Alto Geologic Quad within the Franciscan mélange, approximately one to two miles north of the Permanente site.

2.4.3 Geologic Reconnaissance

David Bieber with HDR, a California Certified Engineering Geologist (CEG 2092), conducted several geologic reconnaissances of the Site on behalf of Lehigh in 2012 related to a suite brought against Lehigh by the Sierra Club, while employed by Geocon Consultants, Inc. Based on his observations, the geologic conditions on the Site are consistent with those presented in the literature cited. Due to the heavy vegetation and steep terrain, Mr. Bieber has not had the opportunity to access all portions of the Site, but is familiar with the general geologic characteristics of each. The reconnaissances have included observations of rock exposed in outcrops throughout much of the Site, in the quarry pit, and in road cuts. Observations were also made of rock types represented by clasts in soil to help determine the general distribution of rock types on the Site.

He observed six dominant rock types on the Site; graywacke, limestone and dolomitic limestone, fault breccia, greenstone, metabasalt, and chert. Within these rock types, variations in composition and distribution were observed. The interpreted surficial distribution of the rock types on the Site are presented in detail in the 1982 Mathieson report.

2.4.4 Site Hydrogeologic Conditions

A site groundwater characterization and detection monitoring program workplan was submitted to the SFBRWQCB on October 31, 2013 on behalf of Lehigh by Golder Associates, in response to a request by the SFBRWQCB pursuant to Water Code section 13260. Lehigh is awaiting approval of that workplan to continue its evaluation of site hydrogeology.

Previously, according to the hydrogeologic portion of the June 2012 Environmental Impact Report (EIR) for the Site, groundwater underlying the Site flows through two general aquifer mediums; bedrock, and a small portion of the Santa Clara valley aquifer that intersects the eastern edge of the Site. The EIR describes the hydrogeology of the Site as follows:

The Site is underlain by bedrock of the Franciscan Complex, which is a chaotic mass of highly deformed, ancient marine sediments and crustal rocks. The occurrence of groundwater throughout the Franciscan Complex is almost exclusively within secondary openings such as joints, fractures, shear zones and faults within the bedrock (Golder Associates, 2011). In general, the bedrock has a relatively low permeability, yet the specific value (or rate) varies locally across the different bedrock units (i.e., within the limestone, greenstone, etc.). Over the eastern portion of the EMSA, the Santa Clara Formation, a more permeable deposit of unconsolidated to slightly consolidated conglomerate, sandstone, siltstone, and claystone, lies above the bedrock of the Franciscan Complex. This portion of the EMSA (i.e., the part comprising part of the Santa Clara Formation) overlies the western margin of the Santa Clara Subbasin, which is part of the larger Santa Clara Valley Groundwater Basin (DWR, 2004). The Santa Clara Formation is exposed only on the west and east sides of the Santa Clara valley.

Regionally, the direction of groundwater flow is interpreted to be from west to east, flowing from the topographic high at Black Mountain toward the Santa Clara Valley (Golder Associates, 2011). Locally, groundwater discharges to Permanente Creek, Monte Bello Creek (to the south, a tributary to Swiss Creek and then Stevens Creek), and an unnamed creek in the eastern half of the Quarry (a tributary to Permanente Creek) (Golder Associates, 2011). Groundwater also discharges to the Quarry pit. Adjacent to the Project Area, the typically perennial reaches of Permanente Creek (i.e., upstream and downstream of the Quarry Pit) are maintained primarily by groundwater discharging directly to the stream channel during the dry season, as well as by dewatering discharges from the Quarry pit.

A number of geotechnical borings were excavated across the EMSA, generally to a depth of 45 feet below ground surface (bgs). Groundwater was not encountered in any of the

boreholes (Golder Associates, 2009). The portion of the EMSA closest to Permanente Creek (i.e., the eastern edge) is approximately 100 feet above the channel bed. Subsequent investigations further upstream on Permanente Creek (near the Main Pit) have shown fall (October 2009) groundwater elevations near the creek to be 50 to 90 feet above the bed elevation of the creek (Golder Associates, 2011).

2.4.5 Groundwater Quality

A site groundwater characterization and detection monitoring program workplan was submitted to the SFBRWQCB on October 31, 2013 on behalf of Lehigh by Golder Associates, in response to a request by the SFBRWQCB pursuant to Water Code section 13260. Lehigh is awaiting approval of that workplan to conduct an updated groundwater characterization.

Groundwater quality in the vicinity of the Site is described in the EIR as follows:

For the Santa Clara Sub-basin, the groundwater in the major producing aquifers within the basin is generally of a bicarbonate type, with sodium and calcium the principal cations (DWR, 1975, as cited by DWR, 2004). Although hard (i.e., having high hardness or carbonate values), it is of good to excellent mineral composition and suitable for most uses. Drinking water standards are met at public supply wells without the use of treatment methods (SCVWD, 2001, as cited by DWR, 2004).

The different bedrock units underlying the Project Area (i.e., the limestone, greenstone, and greywacke) are known to produce measureable concentrations of trace metals, particularly if the metals occur within sulfide deposits, which tend to weather rapidly when in contact with oxygenated water. Groundwater quality information was collected in the area to the south of the Quarry pit and on the south side of Permanente Creek. This information is reflective of the quality and chemical characteristics of the groundwater that comes into contact with the various, principal bedrock units underlying the entire Project Area. Based upon groundwater samples taken at five monitoring wells (HG-4, HG-6, HG-7, HG-9, and HG-10; groundwater quality generally meets the relevant objectives within the Basin Plan, with the exception of TDS, sulfate, iron, manganese, and molybdenum. Average mercury concentrations in the groundwater from all wells that were sampled more than once also meet the objectives for 1-hour maximum (2.4 µg/l) for protection of aquatic organisms and drinking water (2 µg/l); the single sample from well HG-10 (0.063 µg/l) exceeded the objective for protection of aquatic organisms (0.025 µg/l). However, these constituents are likely to be 50 to 90 feet above the bed elevation of the creek (Golder Associates, 2011).

3 LEHIGH-PROVIDED INFORMATION

Lehigh provided HDR with maps of the Project Area, various reports, plans, and correspondence to aid us in locating areas where HRECs or RECs have been or should be identified, and a tour of the facility. Lehigh staff also provided us with the following documents, listed chronologically by document date:

- 1) Mathieson, Elizabeth L., 1982, Geology of the Permanente Property, Kaiser Cement Corporation, Permanente, California, Unpublished Report (Proprietary).
- 2) Emcon Associates, April 13, 1984, Letter Memorandum from EMCON to Kaiser Aluminum & Chemical Corporation regarding investigation of possible contamination near storage tanks on the Permanente property.
- 3) Emcon Associates, May 29, 1984, Letter Memorandum from EMCON Associates to Kaiser Aluminum & Chemical Corporation regarding the April 13, 1994 letter discussing investigation of possible contamination near storage tanks on the Permanente property.

- 4) Exceltech, Jan. 29, 1988, Soil and Ground-Water Investigation for Kaiser Aluminum & Chemical Corporation.
- 5) Peregren, September 25, 1990, Project Status Update for Kaiser Aluminum & Chemical Corporation.
- 6) Ecology and Environment Inc., February 2, 1991, CERCLA Screening Site Inspection of Kaiser Cement Report, prepared for U.S. EPA Region 9.
- 7) Peregren, February 13, 1991, Cleanup and Facility Decommissioning - Kaiser Permanente Facility, prepared for Kaiser Aluminum & Chemical Corporation.
- 8) Exceltech, April 8, 1991, Letter Memorandum from Exceltech to Kaiser Aluminum & Chemical Corporation regarding PCB sampling activities at the former foil plant transformer switchyard.
- 9) Woodward-Clyde Consultants, August 26, 1992, Data Transmittal Volume I (Text, Table, Figures compiled into two volumes) prepared for Kaiser Aluminum & Chemical Corporation.
- 10) Woodward-Clyde Consultants, August 26, 1992, Data Transmittal Volume II (Text, Table, Figures compiled into two volumes) prepared for Kaiser Aluminum & Chemical Corporation.
- 11) Emcon Associates, January 22, 1993, Supplemental Site Characterization Kaiser Aluminum & Chemical Corporation.
- 12) Emcon Associates, January 22 1993, Historical Review of Former Impoundment Area.
- 13) Emcon Associates, January 22, 1993, Soil Characterization- Former Impoundment.
- 14) Emcon Associates, June 10, 1993, Environmental Evaluation Report prepared for Kaiser Aluminum & Chemical Corporation.
- 15) Radian International LLC, June 18, 1999, Summary Report for Soil and Groundwater Sampling at the Lower Service Station Area, Emergency Generator Tank Area, and Upper Service Station Area, Hanson Permanente Cement.
- 16) URS Radian International, April 28, 2000, Summary Report For Soil and Groundwater Sampling at the Lower Service Station Area, Hanson Permanente Cement.
- 17) Santa Clara Valley Water District, January 24, 2001, Fuel Leak Site Case Closure Letter.
- 18) LFR Levine Fricke. February 5, 2004, Soil Sampling Results "Ready Line" Area Hanson Permanente Quarry.
- 19) Foruria, Jon, September 24, 2005, Geologic Report for Permanente Quarry prepared for Lehigh Southwest Cement.
- 20) LFR Levine Fricke, January 17, 2006, Summary of Soil Remediation at the "Ready Line" Area and Yeager Yard Hanson Permanente Quarry.
- 21) URS Corporation, March 10, 2010, Permanente Creek Long-Term Restoration Plan, Lehigh Southwest Cement Corporation, Cupertino, California.
- 22) Diepenbrock Harrison, January 4, 2011, Letter Statement of Facts and Law regarding vested rights at the Permanente Quarry, Letter addressed to Lizanne Reynolds, Esq., Office of the County Council, County of Santa Clara.
- 23) Lehigh Southwest Cement Company, March 2, 2012, 2012 Hazardous Materials Business Plans – Permanente Facilities.
- 24) Weston Solution, Inc., May, 2012, Preliminary Assessment Report of the Permanente Facility, prepared for the U.S. EPA Region 9.

- 25) Enviromine, Inc., June 26, 2012. Reclamation Plan Amendment for Permanente Quarry, prepared for Lehigh Southwest Cement Company.
- 26) Stategic Engineering Science, Inc., report dated February 22, 2013, Workplan for Characterization of Western and Eastern Materials Storage Areas, Permanente Quarry, submitted to SFBRWQCB.
- 27) Stategic Engineering Science, Inc., reports dated February 22, 2013 and June 17, 2013, Workplans for Pond Characterization, Permanente Quarry, submitted to SFBRWQCB. .
- 28) SFBRWQCB, April 10, 2013 and October 1, 2013, Conditional Concurrences with the Workplans for Pond Characterization.
- 29) Lehigh Southwest Cement Company, April 22, 2013, Site History for the Permanente Quarry, submitted to the SFBRWQCB.
- 30) Golder Associates, April 22, 2013, Updated Drainage and Operations Maps, submitted to SFBRWQCB
- 31) Lehigh Southwest Cement Company, May 22, 2013, Source Identification Workplan for the Permanente Quarry, submitted to the SFBRWQCB.
- 32) SFBRWQCB, June 26, 2013, Conditional Concurrence with the Workplan for Characterization of the Eastern and Western Materials Storage Areas and Requirement for Additional Technical Reports for WDR Development for the property located at 24001 Stevens Creek Boulevard, Cupertino, Santa Clara County.
- 33) Golder Associates, October 31, 2013, Workplan for Site Groundwater Characterization and Detection Monitoring Program, submitted to SFBRWQCB.
- 34) Cambridge CM, September 10, 2013, Proposed Gasline Route Investigation – Soil Sampling and Laboratory Analysis (Draft Letter) prepared for Lehigh Cement.

4 RECORDS REVIEW

4.1 Environmental Records Review

Environmental Data Resources, Inc. (EDR) was contracted by HDR to complete a database search of federal, state, and tribal environmental records for the Project Area. A computerized environmental information database search was performed for the Project Area by EDR on September 26, 2013. The databases searched included federal, state, local, tribal, and EDR proprietary databases as defined by ASTM E 1527-13. The results of the database search are summarized in Table 1 and the following paragraphs. A complete copy of the EDR environmental database report is included in Appendix A.

Table 1 – Summary of Environmental Database Search

Database	Description	Listings in Search Radius	Listings of Concern to the Project Area
FEDERAL ASTM STANDARD			
CERCLIS (Orphan Site)	The CERCLIS database is a compilation of facilities which the USEPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980.	1	0
FINDS	The Facility Index System/Facility Registry System	1	0

Database	Description	Listings in Search Radius	Listings of Concern to the Project Area
(Orphan Site)	Facility Index System (FINDS) contains both facility information and 'pointers' to other sources that contain more detail. The following FINDS databases are included in the report produced by EDR: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).		

The EDR report did not identify any listings in the federal, state, local, or tribal databases for the Project Area.

A review of the Orphan Summary (unmappable sites due to insufficient address information) identified two listings for the Site, but no findings.

4.2 Additional Regulatory Information

4.2.1 Online Sources

HDR consulted several online sources for additional information relating to areas of potential concern on the Site relevant to this Site History Description. The online resources consulted and the information reported relevant to this evaluation include the following:

- United States Environmental Protection Agency (EPA) Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – There were no results found for active or archived sites for the Site address;
- EPA Resource Conservation and Recovery Act (RCRA) Resource Conservation and Recovery Information System (RCRIS) Database: The RCRIS database search includes other EPA environmental databases, and the Site is in RCRIS as a small quantity generator of hazardous waste, in the Emission Inventory System (EIS) as a Criteria And Hazardous Air Pollutant Inventory Site, in the Integrated Compliance Information System (ICIS) as a site subject to a formal compliance action, in the Hazardous Waste Tracking System (HWTS) – Datamart as a site in the hazardous waste program, in the Toxic Release Inventory (TRI) System as a TRI reporter, in the Toxic Substances Control Act (TSCA) program as a TSCA reporter, in the Electronic Greenhouse Gas Reporting Tool (E-GGRT) program as a greenhouse gas reporter, in the Air Facility System (AFS) database as a facility subject to an ICIS enforcement/compliance activity, and is in the Biennial Reporters inventory system. Based on the information in the database, the listed enforcement actions pertain to air emissions, rather than to releases likely to significantly affect surface water or groundwater.
- California State Water Quality Control Board GeoTracker Database: According to the Geotracker Database, the Site includes two leaking underground storage tank (LUST) sites categorized as "Cleanup Status: Completed – Case Closed;" one permitted underground storage tank (UST) facility; and an open inactive cleanup program site with "stoddard solvent / mineral spirits / distillates" listed as the COCs, referenced as "RB Case #: 43S0663," with no further information given.

The search augmented information provided in the EDR Radius Report located in Appendix A.

4.2.2 Agency File Reviews

HDR conducted a review of agency files at the Santa Clara County Department of Environmental Health and the Santa Clara County Department of Planning and Development in San Jose, California, and at the State of California Office of Mine Reclamation in Sacramento, California. We reviewed approximately 180 documents from the regulatory files, which include correspondence, inspection reports, environmental impact reports, hazardous materials business plans, UST permits and associated documentation, certifications of financial responsibility, and spill response plans. We made copies of 107 documents for additional review. For brevity's sake, we have chosen to only list those documents that contain information about RECs and HRECs pertinent to this report in the reference section of the report. Based on the documents reviewed in the regulatory files, the locations on the Site where COCs may have caused, or have the potential to cause, soil and groundwater contamination at the Site are those disclosed by Lehigh staff and in the documents provided by Lehigh.

4.3 Historical Topographic Maps

Historical topographic maps provide an overview of the area relative to potential previous land uses. HDR reviewed historical topographic maps of the Project Area downloaded from USGS' website. Topographic maps we reviewed included the USGS Palo Alto 15-minute series topographic maps dated 1897, 1899, 1943, and 1948; the USGS Cupertino 7.5 minute series topographic maps dated 1953, 1961, 1968, 1973, 1980, 1991 and 2012; and the USGS Mindigo Hill 7.5 minute series topographic maps dated 1955, 1961, 1968, 1980, 1991, 1997, and 2012.

Palo Alto 1897 A road is present along Permanente Creek, with six structures shown in the vicinity of the former Kaiser House. One structure is represented near the present-day aluminum plant. Three structures are represented south of the creek, west of the present-day rock plant area.

Palo Alto 1899 No change in development from the Palo Alto 1897 map.

Palo 1943 The map shows a mine symbol at the location of the present-day quarry pit, with symbols for 11 structures in the pit vicinity. Sixteen structures are represented in the area of the present-day cement plant. A road network is indicated north of Permanente Creek serving the quarry and cement plant. The structures represented in the 1897 and 1899 Palo Alto maps do not appear on the 1943 map. The map also shows a railroad spur into the facility.

Palo Alto 1948 The map shows a mine symbol at the location of the present-day pit, with only one structure symbol in the pit vicinity. Thirty-six structures and two water tanks are represented in the area of the present-day cement and aluminum plants. Seven structures are represented along Permanente Creek in the area of the present day maintenance facility and dinky shed, northeast of the present-day rock plant. A road network is indicated north of Permanente Creek serving the quarry and cement plant and along the creek to serve the structures in that area.

Cupertino 1953 and Mindigo Hill 1955 The maps shows a mine symbol at the location of the present-day pit, with one structure symbol in the pit vicinity identified as a tank. Nineteen structures and two water tanks are represented in the area of the present-day cement plant. Twenty structures and one water tank are represented in the area of the present-day aluminum plant, including the power substation and research facility. Ten structures are represented along Permanente Creek in the area of the present day maintenance facility and dinky shed, northeast of the present-day rock plant. Two structures are shown on the hillside south of and across Permanente Creek from the quarry pit. The road network north of Permanente Creek serving the quarry and cement plant has been expanded and a road is shown south of the creek to serve the structures in that area. The railroad track system has apparently been expanded from a single track to three parallel tracks on the facility.

Cupertino 1961 and Mindigo Hill 1961 The symbol in the pit vicinity identified as a tank is gone. Four additional structures are represented in the area of the present-day cement plant. Two additional tanks are represented in the area of the present-day aluminum plant. Two additional structures are represented along Permanente Creek in the area of the present day maintenance facility and dinky shed, northeast of the present-day rock plant.

Cupertino 1968 and Mindigo Hill 1968 (photo revisions to the 1961 maps) One additional structure is represented in the area of the present-day aluminum plant. The brine pond is shown in the EMSA area. The road network north of Permanente Creek serving the quarry has been expanded.

Cupertino 1973 (photo revisions to the 1961 and 1968 map) One additional structure is represented in the area east of the present day maintenance facility and dinky shed. The brine pond is no longer shown in the EMSA area. Areas of stockpiles in the EMSA and WMSA are shown. A conveyor along Permanente Creek is shown leading from the area south of the quarry. An impoundment is depicted in the area of the present-day rock plant, but does not show up on the 1973 or later aerial photographs, and is located where the scale is visible in 1968 and later aerial photographs. Based on the aerial photographs, the impoundment was depicted in error. The road network north of Permanente Creek serving the quarry has been reconfigured.

Cupertino 1980 and Mindigo Hill 1980 (photo revisions to the 1961, 1968, and 1973 maps) Two additional rectangular structures and two additional round structures are represented in the area of the present-day cement plant.

Cupertino 1991 and Mindigo Hill 1991 Three structure symbols have been removed in the area of the present-day aluminum plant, including two in the area of the research facility. Structure symbols for the current dry kiln and the covered stockpile building have been added in the cement plant area. The impoundment that was shown in the rock plant area has been removed from the map, and two additional structures are represented in each of the garage and rock plant area, along with a conveyor leading to the rock plant. The road network north of Permanente Creek serving the quarry has been reconfigured.

Mindigo Hill 1997 No change on the Site from the 1991 map.

Cupertino 2012 and Mindigo Hill 2012 Topographic contours are overlaid on an aerial photograph base. Major features visible on the map are generally the same as those currently present on the Site. However, on-going mining and reclamation activities have altered the configuration of the pit, some stockpile areas, and adjacent areas; and the quarry office has been moved to a different location from that represented on the map.

The topographic maps were used in conjunction with information that was gathered in the historic aerial photograph review. The information provided on the topographic maps regarding the use and history of the Site is generally consistent with that observed in the aerial photographs and written descriptions of the history of the Site. The current and historical USGS topographic maps can be downloaded from the USGS Map Locator and Downloader website.

4.4 Historical Aerial Photographs

Historical aerial photographs are valuable for the environmental assessor or historian to review features of the Project Area and surrounding properties over a long period of time. HDR reviewed historical aerial photographs for the following years: 1939, 1948, 1955, 1963, 1965, 1968, 1975, 1980, 1982, 1984, 1985, 1991, 1993, 1998, 2005, 2007, 2010, and 2013 to help determine when COCs may have been placed in the areas of concern, and whether there were other areas on the Site where COCs with the potential to adversely affect surface water or ground water quality had been placed. The 1939 through 2007 historic aerial photographs are included in the maps and photographs in Appendix B. In addition to the conditions noted from the review of topographic maps, we found the following:

1939: Mine development in the pit area is underway; the cement plant appears to be under construction.

1948: The Dry Canyon Storage Area appears to be in use.

1955: Material appears to be being placed in the area of the Upper Level Landfill.

1963: Poor quality image, but the Impoundment area may be in use.

1965: The Dry Canyon Storage Area, Upper Level Landfill, and Impoundment area all appear to be in use in this image.

1968: The brine pond shows up on this image.

1975: Poor image quality. Material has been placed in the fill area south of the rock plant. The brine pond is visible in this image.

1980: The Dry Canyon Storage Area, Upper Level Landfill, Impoundment and brine pond all appear to be in this image.

1982: The Dry Canyon Storage Area, Upper Level Landfill, and Impoundment area all appear to be in this image. The brine pond does not appear to be in use in this image.

1984: The Dry Canyon Storage Area and Upper Level Landfill appear to be in use in this image. The impoundment area does not appear to be in use in this image.

1985: The Dry Canyon Storage Area and Upper Level Landfill appear to be in use in this image. No apparent change in the use of areas of concern from the 1984 image.

1991: The Dry Canyon Storage Area and Upper Level Landfill appear to be in use in this image. No apparent change in the use of areas of concern from the 1984 and 1985 images.

1993: The Dry Canyon Storage Area, Impoundment and brine pond do not appear to be in use in this image, and appear to be partially covered and revegetated. The Upper Level Landfill appears to still be in use.

1998: The Dry Canyon Storage Area, Upper Level Landfill, Impoundment and brine pond all appear to be abandoned in this image. The Upper Level Landfill is mostly covered with stockpiled material, and the area of the Impoundment, Dry Canyon Storage Area, and Brine Pond appear to be revegetated.

2005: Overburden and waste rock material have been placed in the EMSA in this image.

2007: Major features visible on the aerial photo are generally the same as those currently present on the Site. However, on-going mining and reclamation activities have altered the configuration of the pit, some stockpile areas, and adjacent areas.

2010: Major features visible on the aerial photo are generally the same as those currently present on the Site. However, on-going mining and reclamation activities have altered the configuration of the pit, some stockpile areas, and adjacent areas; and the quarry office has been moved to a different location from that represented on the map

2013: Major features visible on the aerial photo are generally the same as those currently present on the Site. However, on-going mining and reclamation activities have altered the configuration of the pit, some stockpile areas, and adjacent areas; and the quarry office has been moved to a different location from that represented on the map.

4.5 Historical Use Information

According to HDR's review of historical sources, including historical aerial photographs and historical topographic maps, the Project Area has been used as a quarry since at least 1903, with limestone being quarried from the outcrop exposed in Permanente Creek for use in the sugar refining process. In addition to mining, various industrial processes have been conducted

on the Site, including Portland cement manufacturing, aggregate production, asphaltic concrete production, magnesium production, and aluminum foil manufacturing. Current activities on the Site include mining of limestone and other rock materials, Portland cement manufacturing, and construction aggregate production. A history of the Site is presented in various documents, including a January 4, 2011 vested rights letter prepared by Diepenbrock Harrison, and a May, 2012 Preliminary Assessment Report prepared by Weston Solutions, Inc. The following chronological history of the Site is based on excerpts from the Diepenbrock Harrison January 4, 2011 vested rights letter. We have included the maps and photographs from the vested rights letter in Appendix B for reference.

1899: An 1899 topographical map from the U.S. Geological Survey indicates the pre-mining contours of the property. The map identifies Black Mountain, a high point topographically and a dominant feature.

1903 - 1938: Between 1903 and 1938, a series of mining entities conducted either mine operations or mineral exploration on the property. These include El Dorado Sugar Company, the Alameda Sugar Company, Santa Clara Holding Company, Granite Rock and California Portland Cement Company. The first known quarry operator was the El Dorado Sugar Company, which quarried as early as 1903, according to a 1906 report by the State Mining Bureau. The report stated:

The limestone is hauled by wagon to Mountain View, where it is shipped by rail, at the rate of 30 to 60 tons per day during the dry season, to the sugar factory at Alviso, where it is burned into quicklime and used in the factory. The quarry has been in operation for three years.

By 1920, the quarry operator was listed as the Alameda Sugar Company, according to state records. By 1930, the operators changed again to the Santa Clara Holding Company and mining operations intensified. In 1938, the Santa Clara Holding Company executed a three-year lease and option to purchase to the Henry J. Kaiser Company. Henry J. Kaiser was at that time a well-known road and dam building contractor. Kaiser's company was bidding to supply cement to build the Shasta Dam, and was evaluating the property's limestone deposits for cement-making.

1939: In 1939, Kaiser applied for a use permit to construct and operate the cement plant. On April 28, 1939, the Planning Commission voted to grant the permit, and recommended to the Board of Supervisors to approve the action. The Board met the same day to unanimously approve the Planning Commission's decision, and granted the permit. The permit allowed the "erection, construction and operation of a cement mill and the storage of cement..." During the same period that Kaiser was securing the cement plant permit, the company also was completing its initial survey of limestone reserves on the property. A Stanford University professor named Cyrus F. Tolman conducted the exploratory work. In June 1939, Mr. Tolman issued his report, which described the Permanente limestone ore on the property as "by far the largest and most important" limestone mass in the region. The report offered a detailed description of the limestone body already being mined north of Permanente Creek. The report also identified "large tonnages of high grade 'dark' limestone" south of the creek, in the area where the Morris and Crocker parcels would soon be acquired. On July 10, 1939, Kaiser purchased 1,300 acres from the Santa Clara Holding Company, which included the active quarry and surrounding areas. Cement plant construction began immediately. The plant was completed and produced its first sack of cement on Christmas Day in 1939, only five months after the property was acquired. In September 1939, Kaiser entered an agreement with the neighboring landowner, the Roman Catholic Archbishop of San Francisco, to operate a water tank on the Archbishop's land, and supply water to the cement plant. The tank was built in what is currently the EMSA footprint.

1940 - 1949: In February 1940, Kaiser made the first of its many steps to increase mining and cement output. The company's board of directors voted to finance and construct a third cement plant kiln, adding to the two kilns already in use as part of the original plant. In February 1941, Kaiser considered whether to install a fourth cement kiln and also whether to construct a magnesium plant at the Facility. The relationship between these decisions, and the operational efficiencies gained by coupling these activities, was explained in a company newsletter:

The cement plant requires approximately 20,000,000 cubic feet of natural gas per day to fire its kilns...engineers selected Permanente as the site of the magnesium plant and utilized natural gas instead of hydrogen for the shock chilling agent required to recover magnesium dust...by rejecting the spent gas to the cement plant, the need for a costly purification system was eliminated and the fuel value of the kiln gas was increased by the addition of carbon monoxide picked up in the magnesium process.

Kaiser decided to build the fourth kiln and the magnesium plant. This was accompanied by several related transactions between Kaiser entities including a transfer of rights to certain patents involving magnesium, an agreement with Kaiser's lender to assist the financing for the magnesium plant, and agreements to furnish natural gas and magnesium oxide for magnesium production. From April 1941 to February 1942, the Kaiser entities performed a series of internal land transfers. Three of these transfers covered lands underlying most of the current EMSA. Each of the three transfers was for the price of ten dollars, and the deeds included various easements and reservations to permit both entities to share areas for joint operations.

The rapid development at the Facility during the 1940s is evident in aerial photo images. Photographs from 1941 show initial development including the construction of the magnesium plant, an administrative building, and a heavy bridge across Permanente Creek. The photographs also show new grading and access roads, as well as broad areas cleared of trees and vegetation. The 1942 photographs from the following year show that development activities continued to advance across the EMSA parcel. These photographs show that the magnesium plant was completed, and that the company built a laboratory at the northeast corner of the parcel. Additional structures, roads and infrastructure stretched across the northeast areas.

In 1943, the quarry continued to expand from the upper mining areas to lower areas next to Permanente Creek. In 1942 and 1943, Kaiser acquired the Morris Parcel and Crocker Parcel. Both were located on the steep slopes south of Permanente Creek, and adjacent to existing landholdings being actively mined. The Morris Parcel was acquired in July 1942. It was crossed by a major access road which linked the lower quarry to the rest of the Facility, which appeared to be the only access road to the lower quarry.) The following year, in July 1943, Kaiser added 20 acres by acquiring the Crocker Parcel. The Crocker Parcel supported exploration activities, and held an extensive road system in areas of known limestone exposures.

In 1943, Kaiser began extensive mineral exploration in areas south of Permanente Creek. This work was directed by K.E. Grimm, a senior Kaiser geologist. Lehigh has been unable to locate Mr. Grimm's original reports, but nonetheless has records of the results, as described in a May 1982 study report by later Kaiser geologists. The report indicated that Grimm studied limestone deposits on the south slopes of Permanente Canyon, and on Black Mountain to the west. Grimm's formal program appears to have ended in 1945, although drilling continued for years after.

In 1944, the Kaiser Companies developed plans to expand cement sales. A July 1947 report prepared by the California Department of Natural Resources described the status of Kaiser's "expansion program." The report stated that limestone was being quarried at the rate of approximately 1,500,000 tons per year, and that planned improvements to the

cement plant were expected to increase capacity by 10 percent, to a total of 5,500,000 barrels of cement annually (about 1,034,000 tons of cement, which is comparable to current output). Limestone unsuited for manufacturing cement was used to produce aggregates, railroad ballast, paving materials and similar products. The company's production reports from this period generally match the state's report.

The extent of the Facility's development through 1947 is shown best by a 1948 aerial photograph. This image shows extensive mining and related disturbance across the Facility, and near-total disturbance in the area where the EMSA is currently located. The image also reflects material storage in the southwestern portion of the EMSA parcel, to the north of the cement plant and south of a water tank. The storage area is on the western edge of a small canyon, linked to the quarry and cement plant by an access road. This 1948 photograph shows storage activity to the south of the water tank in the EMSA parcel.

In 1948, Kaiser began aluminum research and manufacturing at the Facility. These operations used some of the same buildings that formerly housed magnesium operations. In 1949, Kaiser's exploratory drilling program had reached the Crocker Parcel, having been commenced earlier to the north.

1950 - 1980: In July 1950, the County granted the first amendment to the cement plant permit, allowing a fifth cement kiln, allowing Kaiser to increase its capacity to process limestone into cement. This was the first in a series of investments in the Facility to assure its long-term operation.

In 1955, the City of Cupertino was incorporated. In July of that year, the County granted Kaiser another amendment to the cement plant permit, allowing the company to increase the number of cement kilns to six.

In August 1977, Kaiser proposed to modernize the cement plant by converting from a multi-kiln "wet" process to a single kiln "dry" process. This change would allow the plant to operate more efficiently, with less emissions. The County approved the project, and the modified plant was completed in approximately 1980.

In May 1979, Kaiser made the last property acquisition which expanded its landholdings in any significant way. This followed other post-1948 acquisitions in 1964, 1965, 1967, 1969 and 1979. All of the new parcels were located in the southern portion of the property. In April 1980, the Kaiser Companies made an inter-company transfer of approximately 17 acres. This included the office, cafeteria and laboratory buildings built in 1941 and 1942.

The vested rights letter refers to the storage of materials in the EMSA between 1950 and 1980, and the expansion of the materials storage between 1950 and 1980. Review of the aerial photographs for the period show that the referenced material storage and stockpiles are located in the areas identified as the locations of the upper level landfill, Dry Canyon Storage Area, and former impoundment.

1981- Present: In May 1982, Kaiser prepared a major study of limestone reserves. The results affirmed that "the most promising sources of limestone not currently being mined are immediately north and south of the present quarry." As support, the study noted the exposed limestone south of the creek:

"Most of the limestone mapped in Area 2 is exposed as prominent outcrops on steep slopes immediately across Permanente Creek from the western end of the quarry."

In 1988, Kaiser added a new rock processing plant next to the EMSA known as the "mineral aggregate" plant. The plant was designed to convert more overburden and waste rock into saleable products. A 1991 image shows the location of the new plant directly to the south of, and adjacent to, the EMSA stockpile. In May 1995, legal title to most of the property underlying the EMSA was reconsolidated. The area transferred included 155 acres.

Based on the 1991 and 1993 aerial photographs, the Dry Canyon Storage Area, the former Impoundment upper level landfill, and the southeastern part of Upper Level Landfill had been closed and revegetation of the area was underway. Placement of significant quantities of overburden, topsoil, and quarry fines in the EMSA apparently began between 1993 and 1998.

Santa Clara County approved an amended reclamation plan for the facility on June 26, 2012. The amended reclamation plan sets forth the final reclamation status for the Site, the major features of which include excavation of the material in the WMSA and placement of the non-salable materials in the pit; regrading and revegetation of the EMSA; removal of cement plant and rock plant; and general regrading, revegetation, and restoration of the Site

4.6 Environmental Liens, Activity Use Limitations (AULs) and Additional Information

An environmental lien search for the property was not performed.

4.7 Summary of Previous Environmental Investigations

We reviewed the reports documenting previous environmental investigations listed in Section 3, provided by Lehigh, for HRECs and RECs with the potential to adversely affect surface water and groundwater quality on, or adjacent to, the Site. The findings of our review are summarized in Table 2 and the following paragraphs.

Table 2 – Summary of RECs and HRECs from Lehigh-Provided Source Documents

Document Number	Author/Reference	Document Date	Location	Suspected or Reported COC	Comments
2	Emcon Associates	04/13/84	Underground storage tanks adjacent to Aluminim Plant	Unidentified hydrocarbon mixture similar to diesel fuel	Soil and groundwater investigation to determine extent of contamination conducted, and soil with contaminant Levels in excess of industrial ESLs removed. Site closed in 1988 by Santa Clara County with agreement of the Regional Water Quality Control Board.
2	Emcon Associates	04/13/84	Underground storage tanks adjacent to Aluminim Plant	Toluene	Soil and groundwater investigation to determine extent of contamination conducted, and soil with contaminant Levels in excess of industrial ESLs removed. Site closed in 1988 by Santa Clara County with agreement of the Regional Water Quality Control Board.
4	Exeltech	01/05/88	Underground storage tanks adjacent to Aluminim Plant	Petroleum Hydrocarbons	Soil and groundwater investigation to determine extent of contamination conducted, and soil with contaminant Levels in excess of industrial ESLs removed. Site closed in 1988 by Santa Clara County with agreement of the Regional Water Quality Control Board.

5	Peregren	01/91	Various locations in the Aluminum Plant area	Not Applicable	The report documents facility cleanup, including the former Research Facility,
6	Ecology and Environment, Inc.	02/02/91	Upper Level Landfill	Chromium.	From 1950 to 1981 some kiln bricks were disposed in an area adjacent to the EMSA; after 1981, all kiln bricks have been recycled as raw ingredients in the dry kiln process. COC is chromic oxide associated with the disposal of 1,000-2,000 tons of wet kiln bricks.
6	Ecology and Environment, Inc.	02/02/91	Unspecified overburden area near quarry	Mercury and other metals.	CKD not vented back into cement production procedure was collected and placed in area used to dispose of overburden material. 360-600 tons/year of CKD containing mercury and other metals was disposed of.
6	Ecology and Environment, Inc.	02/02/91	Upper Level Landfill	TPH, Barium, Chromium, Mercury	These results were reported to represent the highest single result from all samples reviewed.
11	Emcon Associates	01/22/93	Dry Canyon Storage Area	Acetone	Investigation was performed to further characterize the soil in this area. Further investigations did not report acetone as a COC.
11	Emcon Associates	01/22/93	Upper Level Landfill	Chromium	Potential chromium associated with disposal of kiln bricks. Not reported at concentrations above ESLs
11	Emcon Associates	01/22/93	Former Impoundment Area	Acetone, Cadmium, Selenium	Acetone present below levels of ESLs
11	Emcon Associates	01/22/93	Brine pond	None reported at or above levels of concern.	Results reported from sampling in this area were all below TTL and 10X STL values.
12	Emcon Associates	01/22/93	Former Impoundment Area	Selenium	Selenium was identified as the heavy metal of concern in this area.
13	Emcon Associates	01/22/93	Former Impoundment Area, Dry Canyon Storage Area	TPH-d, Aroclor 1260, selenium	Summary of results for both areas combined. TPH-d, Aroclor 1260 reported at 31 mg/kg in one sample, selenium, low levels of VOCs, SVOCs, PAHs.
14	Emcon Associates	06/10/93	Research Building	Mercury, TPH, pesticides	The buildings were reportedly demolished between 1982 and 1985. The area was reported to have been cleaned up in 1990-1991 and wastes properly disposed of offsite.
14	Emcon Associates	06/10/93	Dry Canyon Storage Area	PCBs, TPH	On sample reported to contain PCB in excess of the TTL value. Elevated TPH detected at levels below industrial ESLs.
14	Emcon Associates	06/10/93	Former Impoundment Area	TPH, selenium, cadmium, mercury	Selenium was identified as the main heavy metal of concern in this area.
14	Emcon Associates	06/10/93	Brine Pond	None reported at or above levels of concern.	Results reported from sampling in this area were all below TTL and 10X STL values.

14	Emcon Associates	06/10/93	Upper Level Landfill	TPH, Cadmium	TPH Reported at up to 58,000 ppm, one sample was reported to contain cadmium in excess of the STLC value.
14	Emcon Associates	06/10/93	Upper Level Landfill		Only TPH and cadmium were reported in excess of regulatory thresholds. Petroleum coke, filter cake, and potliner waste containing fluorides, cyanide, petroleum hydrocarbons, and metals were reportedly disposed of here.
15	Radian International	06/18/99	Lower Service Station	TPH-G, TPH-D, BTEX	Groundwater reported as perched water in UST excavation. Site subsequently closed by County.
15	Radian International	06/18/99	Upper Service Station	None reported at or above levels of concern.	Site granted closure by RWQCB in 1995. New tanks installed in 1993, and are being monitored as per regulations.
15	Radian International	06/18/99	Emergency Generator UST Site	TPH-D	Site remediated and closed by County.
16	Radian International	04/28/00	Lower Service Station	TPH-D, TPH-G	BTEX Compounds not reported. Site remediated and closed by County.
17	Santa Clara Valley Water Distict	01/24/01	Lower Service Station	Low-level TPH-G and TPH-D	Lower service station area, underground storage tank leak case (Case No. 14-248) closure.
17	Santa Clara Valley Water Distict	01/24/01	Upper Service Station	None reported at or above levels of concern.	Upper service station area, underground storage tank leak case (Case No. 14-248) closure. Tanks replaced with two new tanks in 1993 and secondary containment and electronic monitoring for leakage, the RWQCB granted closure for this area in 1995
17	Santa Clara Valley Water Distict	01/24/01	Emergency Generator UST Site	Low-level TPH-D	Emergency generator area, underground storage tank leak case (Case No. 14-248) closure. Closure documented in a 1995 RWQCB letter.
17	Santa Clara Valley Water Distict	01/24/01	Garage Area UST Site	None reported at or above levels of concern.	Garage area, underground storage tank leak case (Case No. 14-248) closure, soil samples taken below tanks showed no petroleum hydrocarbons, excavation backfilled with clean soil.
17	Santa Clara Valley Water Distict	01/24/01	Oil House UST Site	None reported at or above levels of concern.	Oil house area, underground storage tank leak case (Case No. 14-248) closure, two samples collected showed no contaminants, excavation backfilled with clean soil.
18	Levine-Fricke	02/05/04	Ready Line Area and Yaeger Yard	TPH-D, TPH-HO	Contaminated soil above ESLs removed in 2005. No further action performed (See reference 18).
20	Levine-Fricke	01/17/06	Ready Line Area	TPH-D, TPH-O	Ready line soil remediation summary; contaminated soil above ESLs still present in localized areas in bedrock fractures. Quantities are described as de minimis. No further action recommended.

20	Levine-Fricke	01/17/06	Yaeger Yard	TPH-D, TPH-O	Yeager yard area soil remediation summary; contaminated soil above ESLs removed in 2003. No further action recommended.
24	Weston Solutions, Inc.	May 2012	Upper Level Landfill	Chromium	From 1950 to 1981, some kiln bricks were disposed in an area adjacent to the EMSA; after 1981, all kiln bricks have been recycled as raw ingredients in the dry kiln process. COC is chromic oxide associated with the disposal of 1,000-2,000 tons of wet kiln bricks.
24	Weston Solutions, Inc.	May 2012	Upper Level Landfill	Cadmium, Barium, chromium, Mercury	Soluble Cadmium < or = 1.95 mg/l, Barium < or = 1,060 mg/kg, chromium < or = 152 mg/kg, Mercury < or = 12.6 mg/kg, TPH < or = 1,200 mg/kg.
24	Weston Solutions, Inc.	May 2012	Dry Canyon Storage Area	PCBs	Soil and groundwater samples collected between 1984 and 1992. PCBs < or = 400 mg/kg
24	Weston Solutions, Inc.	May 2012	Former Impoundment Area	Cadmium, Selenium, Mercury	Soil and groundwater samples collected between 1984 and 1992. Cadmium < or = 104 mg/kg, soluble selenium < or = 1.37 mg/l, Mercury < or = 32.5 mg/kg
24	Weston Solutions, Inc.	May 2012	Research Building	Mercury	Site was remediated, and contaminated soil was removed in 1990/1991.
24	Weston Solutions, Inc.	May 2012	Overburden pile near quarry	Arsenic, Beryllium, Cadmium, Chromium, Lead, and Mercury.	Sample of cement kiln dust solids collected in 1990, location not specified.
26, 27	Strategic Engineering and Sciences, Inc.	11/30/12	Dry Canyon Storage Area		Workplan for evaluation of the EMSA and WMSA submitted February 22, 2013 and conditionally approved by SFBWRQCB on June 26, 2013. Proposed COCs to evaluate are Title 22 metals; final report due May 2014.
26, 27	Strategic Engineering and Sciences, Inc.	11/30/12	Former Impoundment Area		Workplan for evaluation of the EMSA and WMSA submitted February 22, 2013 and conditionally approved by SFBWRQCB on June 26, 2013. Proposed COCs to evaluate are Title 22 metals; final report due May 2014.
34	Cambridge CM	09/10/13	Proposed Utility Trench	TPH-O	Discovered during utility potholing. Reported to be present at levels below the industrial ESLs

Based on our review of the Lehigh documents, the following locations on the Site are, or have been, areas of potential concern for RECs or HRECs:

Aluminum Plant Area

Former Research Building – Soils containing mercury, total petroleum hydrocarbons, and pesticides in excess of regulatory action levels were identified in this location. However, the site was the subject of a cleanup action in 1990/1991 that was reported to have addressed soils impacted by contaminants of concern (COCs) that exceeded regulatory limits.

Former Utility Substation – This area contained several transformers which were removed from the Site by General Electric between 1986 and 1991. No COCs were reported in the area at or above levels of regulatory concern.

Former Aluminum Plant Underground Storage Tank (UST) Area – After USTs were removed from this area, potentially contaminated soil above levels of concern were excavated and disposed of, and this UST site was closed in 1988.

Proposed gas line alignment – Soil contaminated with total petroleum hydrocarbons in the oil range (TPH-O) was reported in this area during an investigation in 2013 for the installation of a new natural gas pipeline along the south side of the aluminum plant building. Based on sampling and analysis performed on soil from the exploratory borings, the level of contamination was below industrial environmental screening levels (ESLs).

Cement Plant Area

Upper Service Station Area – The USTs were removed in 1993, and no COCs are reported to be present in the area of the Upper Service Station. The area was granted closure in 1995. We understand that the current USTs in this area, installed in 1995, are monitored for the release of COCs, in conformance with State of California and local regulations.

Lower Service Station Area – Soils containing total petroleum hydrocarbons in the diesel fuel range (TPH-D), total petroleum hydrocarbons in the gasoline range (TPH-G), and associated benzene, toluene, ethylbenzene, and xylene (BTEX) compounds were found in this area when the USTs were removed. The area was the subject of a removal action and the Santa Clara County Water District issued a “No further action” letter for this area, dated January 4, 2001, and included in Appendix C.

Former Emergency Generator UST Area – A UST for storage of diesel fuel was removed from this area, at which time soils contaminated with TPH-D were observed. The area was the subject of a removal action and the Santa Clara County Water District issued a “No further action” letter for this area, dated January 4, 2001, and included in Appendix C.

West Materials Storage Area (WMSA)

No areas with potential RECs were documented or observed in this area. However, cement kiln dust (CKD) was reportedly disposed of in unspecified areas where overburden and topsoil were stockpiled between 1950 and 1981, and may be present in this area.

Quarry Area

Ready Line/Yeager Yard Area – Soils contaminated with TPH-D, total petroleum hydrocarbons in the oil range (TPH-O), and total petroleum hydrocarbons in the hydraulic oil range (TPH-HO) were reported in this area. The area was the subject of a removal action for the contaminated soil in 2005 and the accessible soil containing COCs above industrial ESLs was removed. Some residual contamination above industrial ESLs could not be removed because it was in areas of bedrock that could not be excavated. However, in the opinion of Levine-Fricke, the consultant who oversaw the removal, the remaining contamination did not present a significant threat and they recommended no further action be taken.

East Materials Storage Area (EMSA)

Upper Level Landfill – Various COCs have been reported in the Upper Level Landfill, including acetone, chromium associated with disposal of cement kiln bricks, metals associated with CKD, and undifferentiated total petroleum hydrocarbons (TPH).

Dry Canyon Storage Area – Polychlorinated biphenyls (PCBs), with one sample reported to have levels above the Total Threshold Limit Concentrations (TTLC), and TPH at levels below industrial ESLs have been reported in this area.

Former Impoundment Area – Mercury, cadmium, and selenium have been reported in this area.

Former Asphalt Plant Area – The asphalt plant was reportedly abandoned some time in the late 1940s or early 1950s. After abandonment, the site was reportedly buried by a landslide. However, no COCs were reported in the area at or above levels of regulatory concern.

Former Brine Pond - No COCs were reported in the area at or above levels of regulatory concern.

Rock Plant Area

Garage Area – Several USTs were removed from the garage area adjacent to the rock plant. However, soil sampling did not reveal the presence COCs in the area at or above levels of regulatory concern.

An area of fill containing possible-chromium-containing brick and CKD was identified south of the rock plant during our reconnaissance of the Site. This area was not specifically identified in the reviewed documentation, but CKD was reported to have been disposed of in unspecified areas where overburden and topsoil were stockpiled.

Undeveloped Areas

No areas with potential RECs were documented or observed in this area.

The locations above which are still considered areas of potential concern for RECs in the Aluminum Plant Area, Cement Plant Area, EMSA, and Rock Plant Area are shown on the Area Details, Figures 3 through 6, respectively.

4.8 Site Reconnaissance

David Bieber conducted a reconnaissance of the Site for this Site History Description on November 6, 2013. HDR personnel met with Mr. Greg Knapp, Lehigh Director of Environmental Region West, to conduct the site reconnaissance and discuss/confirm general locations where HRECs and RECs were or are thought to be present on the Site.

The area of the Site is approximately 3,510 acres, encompassing the seven areas previously described in this Site History Description. Information regarding the referenced RECs and HRECs are set forth in the following sections.

4.8.1 Aluminum Plant Area

The Aluminum Plant Area is comprised of approximately 15 acres, and includes the former aluminum manufacturing building and its immediate surroundings. The Former Research Building, Former Utility Substation, and Aluminum Plant UST Area were removed from the Site in the period before 1993. The area of the proposed gas line alignment is paved and the asphalt in the locations from which soil samples were reportedly taken had been patched. We were therefore unable to assess the contaminated soil. We did not observe indications of other areas where COCs are present with the potential to adversely affect surface water or groundwater quality on or adjacent to the Site.

4.8.2 Cement Plant Area

The Cement Plant Area is comprised of approximately 120 acres, and includes the current and abandoned cement plants, bulk material storage facilities, shipping and warehouse facilities, administrative facilities, maintenance areas, bulk materials storage facilities, wastewater storage and water treatment facilities, and associated surrounding areas and facilities. The Upper Service Station is reported to be in use at the time of this report. The areas where the

Lower Service Station and the Emergency Generator UST had been removed had been repaved, with the pavement acting as a site cap. We observed that refinery coke for fueling the cement kiln is stored on a concrete pad on the southwest portion of the Cement Plant Area. However, runoff from the coke storage area is collected in onsite stormwater detention facilities, and we did not observe staining or runoff from the detention facilities to indicate that COCs are being released from the coke storage area to soil or groundwater.

4.8.3 West Materials Storage Area (WMSA)

The WMSA is comprised of approximately 350 acres, and includes stockpiles of waste rock, overburden, wash plant fines and reclamation top soil. The majority of the runoff from the WMSA flows to the adjacent quarry pit, where it is collected and discharged along with other waters that accumulate in the quarry pit.

4.8.4 Quarry Area

The Quarry Area is comprised of approximately 300 acres, and includes the quarry pit, mining equipment parking areas, mine administrative facilities, maintenance areas, runoff and pit water storage facilities, and associated areas and facilities. Routine equipment maintenance is performed on a concrete pad in the ready area and refueling is conducted on a lined area adjacent to an above ground tank. We have not observed areas where COCs are present that may have caused, or have the potential to cause, soil and groundwater contamination at the site. We have observed some areas of stained soil where equipment is parked, but the extent of the associated contamination appeared to be de minimis.

4.8.5 East Materials Storage Area (EMSA)

The EMSA is comprised of approximately 100 acres, and includes stockpiles of overburden material, waste rock, fines from materials processing, and reclamation top soil; and storage for materials and construction equipment. The areas where the Upper Level Landfill, Dry Canyon Storage Area, Former Impoundment Area, and Former Brine Pond were located are partially or completely buried under material subsequently placed in the EMSA. The Former Asphalt Plant Area was reportedly buried by a landslide, and we have not observed current evidence of it. We have not observed areas where COCs are present that may have caused, or have the potential to cause, soil and groundwater contamination at the site. We have observed some areas of stained soil where equipment is parked, but the extent of the associated contamination appeared to be de minimis.

4.8.6 Rock Plant Area

The Rock Plant Area is comprised of approximately 40 acres, and includes aggregate processing equipment, material stockpile areas, control and administrative facilities, maintenance areas, stormwater detention facilities, and associated areas and facilities. We observed an area south of the rock plant where overburden and waste rock had been placed. Fill containing possible-chromium-containing brick and CKD was observed in the area south of the rock plant. The location of the fill south of the rock plant is shown on Figure 6.

4.8.7 Undeveloped Areas

Undeveloped Areas of the Site comprise approximately 2,585 acres, and include those areas south of Permanente Creek and west of the Rock Plant Area, and the buffer areas on the west, north and east sides of the Site. Due to the heavy vegetation and steep terrain, access to the undeveloped areas of the Site is difficult. However, in those areas we observed during our visit,

we did not observe other indications of areas where COCs are present with the potential to cause, soil and groundwater contamination at the site.

4.9 Utilities and PCBs

This evaluation does not include the evaluation of current or former utilities for the presence of PCB-containing equipment, except to the extent that leakage from such equipment, or onsite disposal of such equipment or PCB-containing oil from such equipment, has been reported.

5 FINDINGS, OPINIONS, AND CONCLUSIONS

HDR Engineering, Inc. (HDR) has conducted a Site History Description of the Permanente Quarry located at 34001 Stevens Creek Boulevard in Cupertino, Santa Clara County, California for Lehigh Southwest Cement Company. Lehigh is requesting a Site History Description of the aforementioned property in response to a Water Code section 13267 request from the SFRWQCB.

The Site History Description follows the general format of E 1527-13, but has only been prepared to help identify Recognized Environmental Conditions (RECs) and Historic Recognized Environmental Conditions (HRECs) that may adversely affect groundwater and surface water on and adjacent to the Site. This Site History Description is not intended to serve as, and does not cover all areas identified in an ESA. This Site History Description uses information from a summary of observations from a site reconnaissance conducted for this Site History Description by David Bieber with HDR on November 6, 2013, a review of regulatory databases, review of historic aerial photographs and topographic maps, a review of historical data sources, review of various environmental reports, review of data in the files of the Santa Clara County Department of Environmental Health and the Santa Clara County Department of Planning and Development, review of files of the California Office of Mine Reclamation, and information provided by Lehigh.

5.1 Findings

General findings of this Site History Description include the following:

Rock Plant Area

An area of fill containing possible-chromium-containing brick and CKD was identified south of the rock plant.

Garage Area – Several USTs were removed from the garage area adjacent to the rock plant in 1986. Soil sampling did not reveal the presence COCs in the area at or above levels of regulatory concern.

Aluminum Plant Area

- Former Research Building – Soils containing mercury, total petroleum hydrocarbons, and pesticides in excess of regulatory action levels were identified by Peregren staff in this location. However, the site was the subject of a cleanup action in 1990-1991 that was reported to have addressed soils impacted by contaminants of concern (COCs) that exceeded regulatory limits. Therefore, no further action is indicated for this area at this time.
- Former Utility Substation – This area contained several transformers which were removed from the Site by General Electric between 1986 and 1991. No COCs were reported in the area at or above levels of regulatory concern. Therefore, no further action is indicated for this area at this time.
- Former Aluminum Plant Underground Storage Tank (UST) Area – After USTs were removed from this area, potentially contaminated soil above levels of concern were

excavated and disposed of, and this UST site was closed in 1988. Therefore, no further action is indicated for this area at this time.

- Proposed gas line alignment – Soil contaminated with total petroleum hydrocarbons in the oil range (TPH-O) was reported in this area during an investigation in 2013 for the installation of a new natural gas pipeline along the south side of the aluminum plant building. Based on sampling and analysis performed on soil from the exploratory borings, the level of contamination was below industrial environmental screening levels (ESLs). Therefore, no further action is indicated for this area at this time.

Cement Plant Area

- Upper Service Station Area – The original USTs were removed in 1993. No COCs are reported to be present in the area of the Upper Service Station, and the area was closed by the SCVWD in 1995. New USTs were reported to have been installed in 1995. We understand that the current USTs in this area are monitored for the release of COCs, in conformance with State of California and local regulations.
- Lower Service Station Area – Soils containing total petroleum hydrocarbons in the diesel fuel range (TPH-D), total petroleum hydrocarbons in the gasoline range (TPH-G), and associated benzene, toluene, ethylbenzene, and xylene (BTEX) compounds were found in this area when the USTs were removed. The area was the subject of a removal action and the Santa Clara County Water District issued a “No further action” letter for this area, dated January 4, 2001, and included in Appendix C. Therefore, no further action is indicated for this area at this time.
- Former Emergency Generator UST Area – A UST for storage of diesel fuel was removed from this area, at which time soils contaminated with TPH-D were observed. The area was the subject of a removal action and the Santa Clara County Water District issued a “No further action” letter for this area, dated January 4, 2001, and included in Appendix C. Therefore, no further action is indicated for this area at this time.
- Refinery Coke Storage Area – Refinery coke for fueling the cement kiln is stored on a concrete pad on the southwest portion of the Cement Plant Area. No COCs have been reported to be present in this area. Therefore, no additional action is indicated for this area at this time.

West Materials Storage Area (WMSA)

- No areas with potential RECs were documented or observed in this area. However, cement kiln dust (CKD) was reportedly disposed of in unspecified areas where overburden and topsoil were stockpiled between 1950 and 1981, and may be present in this area. Strategic Engineering Science, Inc. prepared a February 2013 workplan for additional site characterization in portions of the WMSA. We understand that if areas of soil or other materials indicative of COCs are discovered in the WMSA during the site characterization or soil removal operations, Lehigh will address the soils or materials containing COCs at the time of removal and handle them appropriately.

Quarry Area

- Ready Line/Yeager Yard Area – Soils contaminated with TPH-D, total petroleum hydrocarbons in the oil range (TPH-O), and total petroleum hydrocarbons in the hydraulic oil range (TPH-HO) were reported in this area. The area was the subject of a removal action for the contaminated soil in 2005 and the accessible soil containing COCs above industrial ESLs was removed. Some residual contamination above industrial ESLs could not be removed because it was in areas of bedrock that could not be excavated. However, in the opinion of Levine-Fricke, the consultant who oversaw the removal, the remaining contamination did not present a significant threat and they recommended no further action be taken.

East Materials Storage Area (EMSA)

Major stockpiling of overburden material, process fines, waste rock, and reclamation top soil did not apparently start in the EMSA until after 1993. We understand that Lehigh intends to regrade and cap the EMSA during the site reclamation process. Strategic Engineering Science, Inc. prepared a February 2013 workplan for additional site characterization in portions of the EMSA, including the Upper Level Landfill and the former Impoundment Area. We understand that if areas of soil or other materials indicative of COCs are discovered in the EMSA during the site characterization, Lehigh will address the soils or materials containing COCs in consultation with appropriate regulatory authorities.

- Upper Level Landfill – Various COCs have been reported in the Upper Level Landfill, including acetone, chromium associated with disposal of cement kiln bricks, metals associated with CKD, and undifferentiated total petroleum hydrocarbons (TPH).
- Dry Canyon Storage Area – Polychlorinated biphenyls (PCBs), with one sample reported to have levels above the Total Threshold Limit Concentrations (TTLC), and TPH at levels below industrial ESLs have been reported in this area.
- Former Impoundment Area – Mercury, cadmium, and selenium have been reported in this area.
- Former Asphalt Plant Area – The asphalt plant was reportedly abandoned some time in the late 1940s or early 1950s. After abandonment, the site was reportedly buried by a landslide. However, no COCs were reported in the area at or above levels of regulatory concern. Therefore, no further action is indicated for this area at this time.
- Former Brine Pond - No COCs were reported in the area at or above levels of regulatory concern. Therefore, no further action is indicated for this area at this time.

Rock Plant Area

- An area of fill containing possible-chromium-containing brick and CKD was identified south of the rock plant.
- Garage Area – Several USTs were removed from the garage area adjacent to the rock plant. However, soil sampling did not reveal the presence COCs in the area at or above levels of regulatory concern. Therefore, no further action is indicated for this area at this time.

Undeveloped Areas

- No areas with potential RECs were documented or observed in this area. Therefore, no further action is indicated for this area at this time.

5.2 Opinions and Conclusions

Based upon the review of the data listed in this Site History Description, it is our opinion that the following locations should be assessed to determine whether COCs are present that may have caused, or have the potential to cause, soil and groundwater contamination at the Site:

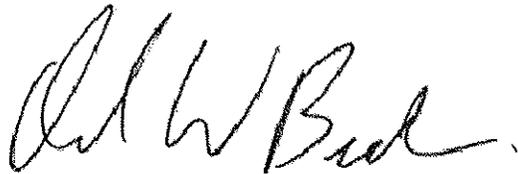
- The Upper Level Landfill area in the EMSA, which may contain TPH and Title 22 metals at or above levels concern;
- The Former Impoundment Area in the EMSA, which may contain Title 22 metals at or above levels concern;
- The WMSA, which may contain Title 22 metals at or above levels concern from disposal of CKD; and
- WMSA which may contain Title 22 metals at or above levels concern associated with possible disposal of CKD between 1950 and 1981.

- Dry Canyon Storage Area, which may contain PCBs and TPH.

This Site History Description was limited to a review of the referenced data sources and observations from our reconnaissance of the Site. Other areas beyond those specified here may be present on the Site where COCs may have caused, or have the potential to cause, soil and groundwater contamination at the Site. If additional areas of soil or other materials potentially containing COCs are discovered, we recommend that they be assessed at the time of discovery, and if COCs are present, they be addressed accordingly, in consultation with the appropriate regulatory authorities.

6 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

This Site History Description was performed by David W. Bieber, PG, PGP, CEG, CHG, CPG. Mr. Bieber, an environmental professional as defined by E 1527-13, has more than 22 years of experience in assessment and remediation of impacted properties and compliance with environmental regulations. He has an M.S. in Geology from the University of Colorado and is a California Professional Geologist (#5003), Professional Geophysicist (#1016), Certified Hydrogeologist (#617), and Certified Engineering Geologist (#2092). His specialties include water and soil related environmental compliance issues associated with current and historical mining, performed for commercial entities, as well as municipal and state agencies. His experience covers compliance and assessment of properties ranging from agricultural land to multigenerational industrial. He is knowledgeable of federal, state, and local environmental regulations and standards and has served as the President of the Association of Environmental and Engineering Geologists and on the Executive Committee of the American Geosciences.



Qualified Environmental Professional

David W. Bieber, PG, PGP, CEG, CHG, CPG
Colorado Resources Group Mining Sector Leader

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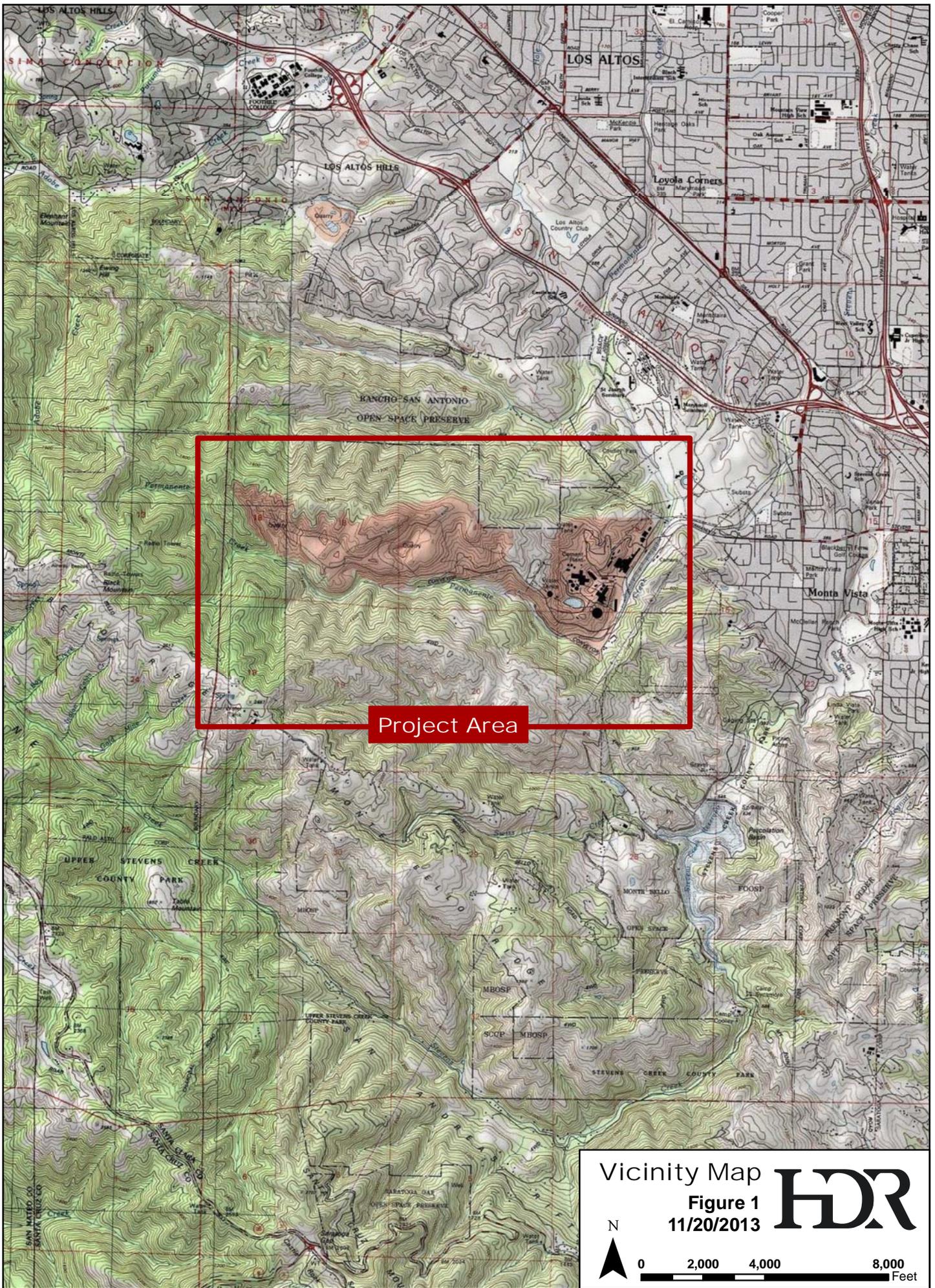
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Project Area

Vicinity Map
Figure 1
11/20/2013



HDR
Feet



Site Plan
11/20/2013 Figure 2 **HDR**



Former Substation

Former Research Building

Former Aluminum Plant UST Site

Area of Oily Soil discovered in utility borings





Wastewater Treatment Plant

Former Lower Service Station

Upper Service Station

Refinery Coke Storage area

Former Emergency Generator UST Site





Former Impoundment/Wet Dump

Dry Canyon Storage Area

Former Brine Pond

Upper Level Landfill

Upper Level Landfill

Former Asphalt Plant



Area Detail
East Materials Storage Area
11/21/2013 Figure 5





● Garage Area

● Fill containing Brick and CKD



Area Detail
Rock Plant Area
11/21/2013 Figure 6 **HDR**

Appendix A - EDR Governmental Database Search

Lehigh Permanente Quarry, Santa Clara County, CA
Los Altos, CA 95024

Inquiry Number: 3736625.1s
September 26, 2013

EDR DataMap™ Area Study

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

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

LOS ALTOS, CA 95024
LOS ALTOS, CA 95024

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-SQG	RCRA - Small Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
RCRA NonGen / NLR	RCRA - Non Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems

EXECUTIVE SUMMARY

ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
LEAD SMELTERS.....	Lead Smelter Sites
FEDERAL FACILITY.....	Federal Facility Site Information listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
FEMA UST.....	Underground Storage Tank Listing
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
US HIST CDL.....	National Clandestine Laboratory Register
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plant Operation Data

STATE AND LOCAL RECORDS

HIST Cal-Sites.....	Historical Calsites Database
CA BOND EXP. PLAN.....	Bond Expenditure Plan
SCH.....	School Property Evaluation Program
Toxic Pits.....	Toxic Pits Cleanup Act Sites
SWF/LF.....	Solid Waste Information System
WMUDS/SWAT.....	Waste Management Unit Database
WDS.....	Waste Discharge System
NPDES.....	NPDES Permits Listing
UIC.....	UIC Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE.....	Hazardous Waste & Substance Site List
SWRCY.....	Recycler Database
LUST.....	Geotracker's Leaking Underground Fuel Tank Report
CA FID UST.....	Facility Inventory Database
SLIC.....	Statewide SLIC Cases
UST.....	Active UST Facilities
HIST UST.....	Hazardous Substance Storage Container Database
LIENS.....	Environmental Liens Listing
CUPA Listings.....	CUPA Resources List
SWEEPS UST.....	SWEEPS UST Listing
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
AST.....	Aboveground Petroleum Storage Tank Facilities
MCS.....	Military Cleanup Sites Listing
Notify 65.....	Proposition 65 Records
DEED.....	Deed Restriction Listing
VCP.....	Voluntary Cleanup Program Properties
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
CDL.....	Clandestine Drug Labs
RESPONSE.....	State Response Sites

EXECUTIVE SUMMARY

HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
ENVIROSTOR.....	EnviroStor Database
HAULERS.....	Registered Waste Tire Haulers Listing
HWP.....	EnviroStor Permitted Facilities Listing
MWMP.....	Medical Waste Management Program Listing
PROC.....	Certified Processors Database
HWT.....	Registered Hazardous Waste Transporter Database

TRIBAL RECORDS

INDIAN RESERV.....	Indian Reservations
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN VCP.....	Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	0
CERC-NFRAP	0
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	0
RCRA-SQG	0
RCRA-CESQG	0
RCRA NonGen / NLR	0
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	0
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
DEBRIS REGION 9	0
ODI	0
US MINES	0
TRIS	0
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	0
MLTS	0
RADINFO	0
FINDS	0
RAATS	0
RMP	0
PRP	0
2020 COR ACTION	0
US AIRS	0
LEAD SMELTERS	0
FEDERAL FACILITY	0
COAL ASH EPA	0
FEMA UST	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
SCRD DRYCLEANERS	0
EPA WATCH LIST	0
US FIN ASSUR	0
US HIST CDL	0
PCB TRANSFORMER	0
COAL ASH DOE	0

STATE AND LOCAL RECORDS

HIST Cal-Sites	0
CA BOND EXP. PLAN	0
SCH	0
Toxic Pits	0
SWF/LF	0
WMUDS/SWAT	0
WDS	0
NPDES	0
UIC	0
Cortese	0
HIST CORTESE	0
SWRCY	0
LUST	0
CA FID UST	0
SLIC	0
UST	0
HIST UST	0
LIENS	0
CUPA Listings	0
SWEEPS UST	0
CHMIRS	0
LDS	0
AST	0
MCS	0
Notify 65	0
DEED	0
VCP	0
DRYCLEANERS	0
WIP	0
ENF	0
CDL	0
RESPONSE	0
HAZNET	0
EMI	0
ENVIROSTOR	0
HAULERS	0
HWP	0
MWMP	0
PROC	0
HWT	0

TRIBAL RECORDS

INDIAN RESERV	0
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
<u>EDR PROPRIETARY RECORDS</u>	
EDR MGP	0
EDR US Hist Auto Stat	0
EDR US Hist Cleaners	0

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NO SITES FOUND

Count: 12 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CUPERTINO	S113020738	SANTA CLARA COUNTY HEALTH DEPARTMENT	PARKING	95014	HAZNET
CUPERTINO	S112867781	COUNTY OF SANTA CLARA	11401 STEPHENS CNYN RD	95014	HAZNET
CUPERTINO	S112887378	CNTY SANTA CLARA/FIRE DEPARTMENT	20215 STEVENS CRK	95014	HAZNET
LOS ALTOS	S112914768	CA WATER SER CO	2250 BROOKMILL RD	94024	HAZNET
LOS ALTOS	S113020825	SANTA CLARA COUNTY/ENVIRONMENTAL HEALTH	CHURCH OF LATTER DAY SAINTS		HAZNET
LOS ALTOS	S113020710	SANTA CLARA CO/HEALTH DEPARTMENT	LOS ALTOS HIGH SCH		HAZNET
LOS ALTOS	S112882626	CA WATER SERVICE CO	NEXT TO 1469	94024	HAZNET
LOS ALTOS	S113020666	1X CO OF SANTA CLARA/LOS ALTOS CITY	ST		HAZNET
PERMANENTE	1014868975	KAISER CEMENT CORP PERMANENTE PLT	W TERMINUS OF STEVENS CR BLVD	95014	FINDS
PERMANENTE	1015730618	KAISER CEMENT CORP PERMANENTE PLANT	W TERMINUS OF STEVENS CR BLVD	95014	CERCLIS
SANTA CLARA COUNTY	S112832845	STORM DRAINS IN SANTA CLARA COUNTY (SCVURPP)	MUNICIPAL STORM DRAIN SYSTEM		NPDES
SANTA CLARA COUNTY	M300006427	STEVENS CREEK QUARRY, INC.	STEVENS CREEK QUARRY		US MINES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 09/13/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. 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.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 09/13/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/25/2013	Telephone: 202-564-6023
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/11/2013	Source: EPA
Date Data Arrived at EDR: 08/08/2013	Telephone: 800-424-9346
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 08/08/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 07/01/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/03/2013	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 07/01/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/05/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 59

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/04/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/15/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/18/2012	Source: EPA
Date Data Arrived at EDR: 03/13/2013	Telephone: 703-416-0223
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 09/13/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 05/28/2013
Number of Days to Update: 146	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/26/2013
Number of Days to Update: 137	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: No Update Planned

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2013	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 04/18/2013	Telephone: 303-231-5959
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/05/2013
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/16/2013
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011	Source: EPA
Date Data Arrived at EDR: 07/31/2013	Telephone: 202-566-0250
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 08/30/2013
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/24/2013
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/22/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/22/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/24/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/01/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2012	Source: EPA
Date Data Arrived at EDR: 01/16/2013	Telephone: 202-566-0500
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/17/2013
Number of Days to Update: 114	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/14/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/20/2013	Telephone: 301-415-7169
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 112	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/09/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2013	Telephone: 202-343-9775
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/08/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 111

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/11/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/26/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Biennially

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 08/02/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 07/19/2013
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/19/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/13/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 07/08/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2013	Telephone: 703-603-8787
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 09/24/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/15/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/23/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/05/2013
Date Data Arrived at EDR: 08/05/2013
Date Made Active in Reports: 08/27/2013
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/05/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 05/20/2013
Date Data Arrived at EDR: 05/21/2013
Date Made Active in Reports: 06/25/2013
Number of Days to Update: 35

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/19/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 03/05/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/17/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: No Update Planned

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/20/2013
Date Data Arrived at EDR: 05/21/2013
Date Made Active in Reports: 06/12/2013
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/19/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 07/05/2013	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 07/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 07/05/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/17/2013	Source: Department of Conservation
Date Data Arrived at EDR: 06/17/2013	Telephone: 916-323-3836
Date Made Active in Reports: 08/16/2013	Last EDR Contact: 09/16/2013
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

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

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 07/26/2013
Date Data Arrived at EDR: 07/26/2013
Date Made Active in Reports: 08/26/2013
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/17/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

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

Date of Government Version: 07/26/2013
Date Data Arrived at EDR: 07/26/2013
Date Made Active in Reports: 08/26/2013
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/17/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

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

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

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

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

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

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

SLIC REG 7: SLIC List

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/26/2013
Date Data Arrived at EDR: 07/26/2013
Date Made Active in Reports: 08/20/2013
Number of Days to Update: 25

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/17/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 09/03/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/14/2013
Date Data Arrived at EDR: 06/17/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/23/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 03/12/2013	Source: Office of Emergency Services
Date Data Arrived at EDR: 05/01/2013	Telephone: 916-845-8400
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 08/02/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 07/26/2013	Source: State Water Quality Control Board
Date Data Arrived at EDR: 07/26/2013	Telephone: 866-480-1028
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 09/17/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tank Facilities Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 07/03/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 07/26/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/26/2013	Telephone: 866-480-1028
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 09/17/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 09/23/2013
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/10/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/11/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 08/05/2013
Date Data Arrived at EDR: 08/05/2013
Date Made Active in Reports: 08/27/2013
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/05/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 12/11/2012
Date Data Arrived at EDR: 12/12/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/14/2013
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 09/03/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/26/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/29/2013	Telephone: 916-445-9379
Date Made Active in Reports: 05/16/2013	Last EDR Contact: 08/08/2013
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/05/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 08/27/2013	Last EDR Contact: 09/05/2013
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2012	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/16/2013	Telephone: 916-255-1136
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 07/16/2013
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2010	Source: California Air Resources Board
Date Data Arrived at EDR: 06/25/2013	Telephone: 916-322-2990
Date Made Active in Reports: 08/22/2013	Last EDR Contact: 06/25/2013
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/07/2013
	Data Release Frequency: Varies

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 04/26/2013	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 04/26/2013	Telephone: 916-341-6422
Date Made Active in Reports: 05/16/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/05/2013
Date Data Arrived at EDR: 08/05/2013
Date Made Active in Reports: 08/27/2013
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/05/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/16/2013
Date Made Active in Reports: 08/12/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/16/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/02/2013
Date Data Arrived at EDR: 06/13/2013
Date Made Active in Reports: 07/24/2013
Number of Days to Update: 41

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/11/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/17/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 65

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/28/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 06/27/2013
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/27/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Semi-Annually

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

Location of open dumps on Indian land.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/31/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 162

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 07/24/2013
Number of Days to Update: 59	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 08/02/2013
Number of Days to Update: 156	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-9424
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 07/24/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/24/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/24/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/02/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/25/2013
Date Data Arrived at EDR: 07/26/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 14

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/28/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/25/2013
Date Data Arrived at EDR: 07/26/2013
Date Made Active in Reports: 08/20/2013
Number of Days to Update: 25

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/28/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 06/20/2013
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 61

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 20

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/26/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Varies

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/20/2013
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 39

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/10/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 07/24/2013
Number of Days to Update: 43

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/05/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 01/09/2013
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 02/25/2013
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 09/20/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/20/2013
Date Data Arrived at EDR: 05/21/2013
Date Made Active in Reports: 06/25/2013
Number of Days to Update: 35

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 08/05/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 07/16/2013
Date Made Active in Reports: 07/24/2013
Number of Days to Update: 8

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/15/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/09/2013
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 13

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/09/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Varies

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 07/26/2013
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 13

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/26/2012
Date Data Arrived at EDR: 06/27/2012
Date Made Active in Reports: 08/17/2012
Number of Days to Update: 51

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 06/20/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 58

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/25/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 33

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/18/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/23/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/28/2013
Date Data Arrived at EDR: 06/17/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 65

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/15/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 07/22/2013
Date Made Active in Reports: 08/26/2013
Number of Days to Update: 35

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/22/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/17/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/30/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 32

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 07/31/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 08/27/2013
Number of Days to Update: 26

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/18/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/26/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/18/2013
Date Made Active in Reports: 08/20/2013
Number of Days to Update: 33

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/15/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 04/16/2013
Date Made Active in Reports: 05/17/2013
Number of Days to Update: 31

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/26/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/21/2013
Number of Days to Update: 34

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/18/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/28/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 06/25/2013
Number of Days to Update: 27

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 06/04/2013
Date Data Arrived at EDR: 06/05/2013
Date Made Active in Reports: 07/15/2013
Number of Days to Update: 40

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 09/03/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/21/2013
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 61

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/03/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/03/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/29/2013
Date Data Arrived at EDR: 05/30/2013
Date Made Active in Reports: 07/15/2013
Number of Days to Update: 46

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 08/15/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2013
Date Data Arrived at EDR: 05/15/2013
Date Made Active in Reports: 06/12/2013
Number of Days to Update: 28

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2013
Date Data Arrived at EDR: 05/15/2013
Date Made Active in Reports: 06/25/2013
Number of Days to Update: 41

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2013	Source: Health Care Agency
Date Data Arrived at EDR: 05/15/2013	Telephone: 714-834-3446
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 08/07/2013
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/12/2013	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 03/13/2013	Telephone: 530-745-2363
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 08/20/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/18/2013	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/18/2013	Telephone: 951-358-5055
Date Made Active in Reports: 07/24/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 6	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/18/2013	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/18/2013	Telephone: 951-358-5055
Date Made Active in Reports: 08/20/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/03/2013	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/08/2013	Telephone: 916-875-8406
Date Made Active in Reports: 07/24/2013	Last EDR Contact: 07/05/2013
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/03/2013	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/08/2013	Telephone: 916-875-8406
Date Made Active in Reports: 08/23/2013	Last EDR Contact: 07/05/2013
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/2013
Date Data Arrived at EDR: 05/31/2013
Date Made Active in Reports: 07/15/2013
Number of Days to Update: 45

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 44

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/23/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010	Source: Department of Public Health
Date Data Arrived at EDR: 03/10/2011	Telephone: 415-252-3920
Date Made Active in Reports: 03/15/2011	Last EDR Contact: 08/07/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/18/2013	Source: Environmental Health Department
Date Data Arrived at EDR: 06/24/2013	Telephone: N/A
Date Made Active in Reports: 08/20/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 57	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/04/2013	Source: San Luis Obispo County Public Health Department
Date Data Arrived at EDR: 06/05/2013	Telephone: 805-781-5596
Date Made Active in Reports: 07/15/2013	Last EDR Contact: 08/22/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/02/2013	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 07/05/2013	Telephone: 650-363-1921
Date Made Active in Reports: 08/23/2013	Last EDR Contact: 06/13/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/30/2013
	Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/17/2013	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 06/18/2013	Telephone: 650-363-1921
Date Made Active in Reports: 08/21/2013	Last EDR Contact: 09/16/2013
Number of Days to Update: 64	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 09/23/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 06/03/2013
Date Data Arrived at EDR: 06/04/2013
Date Made Active in Reports: 07/15/2013
Number of Days to Update: 41

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 09/03/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 06/03/2013
Date Data Arrived at EDR: 06/06/2013
Date Made Active in Reports: 07/15/2013
Number of Days to Update: 39

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/03/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/16/2013
Date Data Arrived at EDR: 05/17/2013
Date Made Active in Reports: 06/25/2013
Number of Days to Update: 39

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/28/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 06/27/2013
Number of Days to Update: 29

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Varies

SHASTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/18/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 64

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/20/2013
Date Made Active in Reports: 08/12/2013
Number of Days to Update: 53

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/20/2013
Date Made Active in Reports: 08/20/2013
Number of Days to Update: 61

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 07/05/2013
Date Data Arrived at EDR: 07/05/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 47

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/02/2013
Date Data Arrived at EDR: 07/05/2013
Date Made Active in Reports: 08/12/2013
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/10/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 69

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list

Date of Government Version: 01/14/2013
Date Data Arrived at EDR: 01/16/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 42

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/26/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/22/2013
Date Made Active in Reports: 06/25/2013
Number of Days to Update: 34

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/19/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/19/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 05/28/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 08/12/2013
Number of Days to Update: 49

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/30/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/28/2013
Date Data Arrived at EDR: 06/17/2013
Date Made Active in Reports: 08/20/2013
Number of Days to Update: 64

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/24/2013	Source: Yolo County Department of Health
Date Data Arrived at EDR: 06/26/2013	Telephone: 530-666-8646
Date Made Active in Reports: 08/20/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/01/2013	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/05/2013	Telephone: 530-749-7523
Date Made Active in Reports: 08/22/2013	Last EDR Contact: 07/31/2013
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/20/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/21/2013	Telephone: 860-424-3375
Date Made Active in Reports: 06/27/2013	Last EDR Contact: 08/19/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2012	Telephone: N/A
Date Made Active in Reports: 08/28/2012	Last EDR Contact: 07/19/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/07/2013	Telephone: 518-402-8651
Date Made Active in Reports: 09/10/2013	Last EDR Contact: 08/07/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services
Telephone: 916-657-4041

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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EDR DataMap® Area Study

Lehigh Permanente Quarry,
Sata Clara County, CA

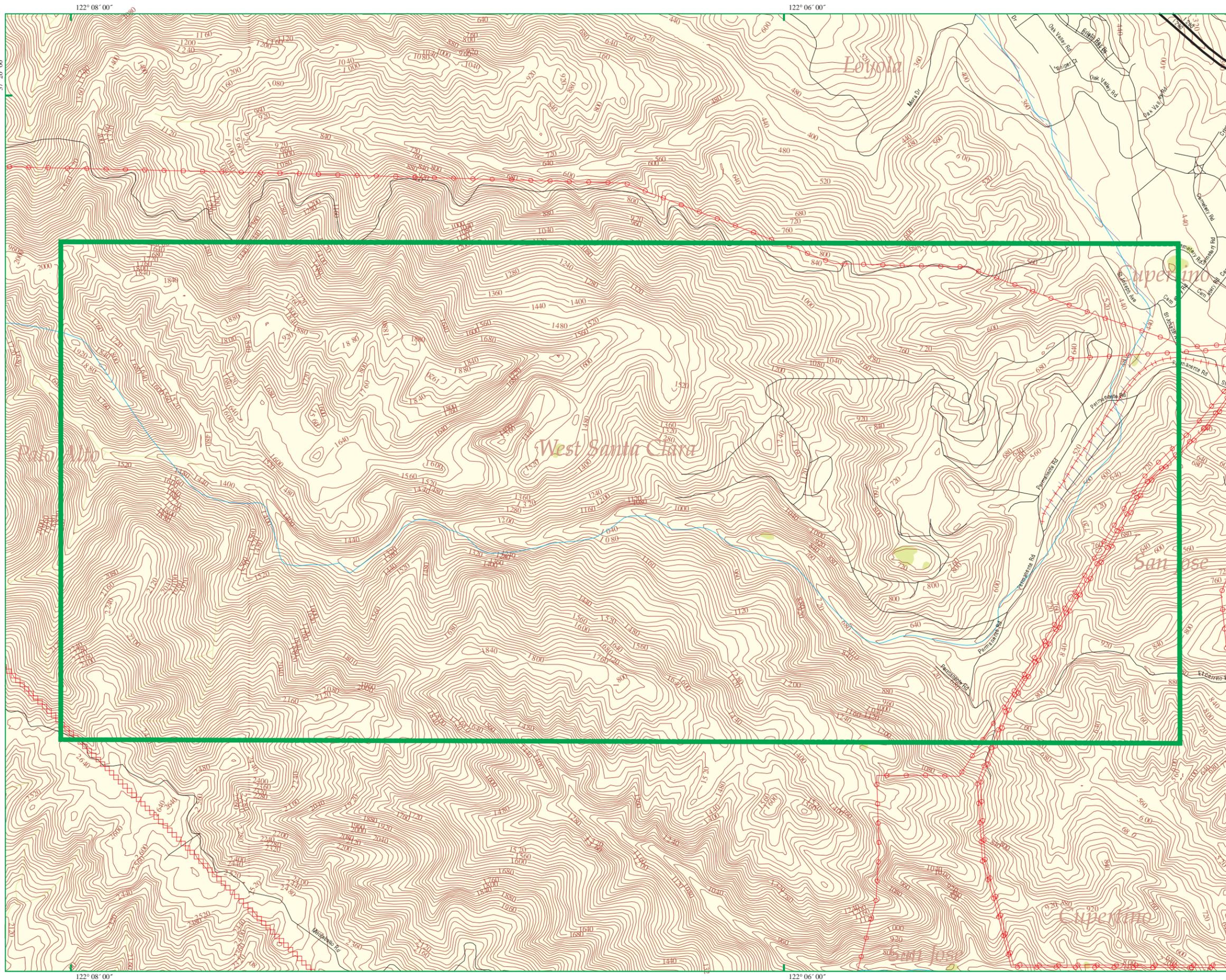
-  Listed Sites
-  Earthquake Epicenters (Richter 5 or greater)
-  Search Boundary
-  Roads
-  Major Roads
-  Waterways
-  Railroads
-  Contour Lines
-  Pipelines
-  Powerlines
-  Fault Lines
-  Water
-  Superfund Sites
-  Federal DOD Sites
-  Indian Reservations BIA
-  100-Yr Flood Zones
-  National Wetland Inventory



Los Altos, CA



Scale in Miles



Appendix B – Photographs and Maps from Vested Rights Letter

Appendix C – Santa Clara Valley Water District UST Site Closure Letter



January 24, 2001

1/30/2001
Place copy for:
Lee Carr
\$ 1/30

Mr. Earl Bouse
Hanson Permanente Cement
3000 Busch Road
Pleasanton, CA 94566

Dear Mr. Bouse:

Subject: Fuel Leak Site Case Closure—Kaiser Cement, 24001 Stevens Creek Boulevard,
Cupertino, CA; Case No. 14-248

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Santa Clara Valley Water District is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

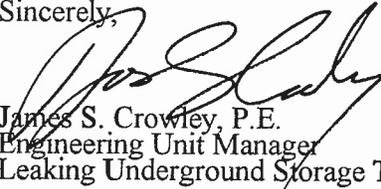
SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Residual contamination in soil and groundwater remains at the site that could be exposed during certain site development activities, grading, or excavation. The impact of the disturbance of this contamination shall be assessed and appropriate action taken so that there is no significant impact to human health, safety, or the environment.

If you have any questions, please call Ms. Rita S. Chan at (408) 265-2607, extension 2643. Thank you.

Sincerely,



James S. Crowley, P.E.
Engineering Unit Manager
Leaking Underground Storage Tank Oversight Program

Enclosures:

1. Case Closure Letter
2. Case Closure Summary

cc: Mr. Chuck Headlee (w/enc)
Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Mr. Steve Gubber
Santa Clara County Fire Department
14700 Winchester Boulevard
Los Gatos, CA 95030-1818

Ms. Carla Lawson
Division of Clean Water Programs
Underground Storage Tank Cleanup Fund
State Water Resources Control Board
P.O. Box 944212
Sacramento, CA 94244-2120





January 24, 2001

Mr. Earl Bouse
Hanson Permanente Cement
3000 Busch Road
Pleasanton, CA 94566

Dear Mr Bouse:

Subject: Fuel Leak Site Case Closure—Kaiser Cement, 24001 Stevens Creek Boulevard;
Cupertino, CA; Case No. 14-248

This letter confirms the completion of a site investigation and remedial action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

James S. Crowley, P.E.
Engineering Unit Manager
Leaking Underground Storage Tank Oversight Program



CASE CLOSURE SUMMARY LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

Date: December 28, 2000

Agency Name: Santa Clara Valley Water District	Address: 5750 Almaden Expressway
City/State/Zip: San Jose, CA 95118	Phone: (408) 265-2600
Responsible Staff Person: Rita S. Chan, P.E.	Title: Assistant Civil Engineer

II. CASE INFORMATION

Site Facility Name: Kaiser Cement*		
Site Facility Address: 24001 Stevens Creek Boulevard, Cupertino, CA 95014		
RB LUSTIS Case No.: —	Local Case No.: 07S2W16M01f	LOP Case No.: 14-248
URF Filing Date: 03/03/86**	SWEEPS No.: —	APN: 351-10-005
Responsible Parties	Addresses	Phone Number
Mr. Earl Bouse Hanson Permanente Cement	3000 Busch Road Pleasanton, CA 94566	(925) 426-4084

*This fuel leak case pertains to the release found in the lower service station and emergency generator areas of the overall Kaiser Cement site.

**A Spill/Leaking Reporting Form was filed.

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1 through 5	Five at 1,000 gallons	Hydraulic oil/engine oil	Removed	01/86
6 through 8	Three at 2,000 gallons	Engine oil/waste oil	Removed	01/86
9 through 12	Four at 4,000 gallons	Diesel	Removed	01/86
13	One at 5,000 gallons	Gasoline	Removed	01/86
14	One at 8,000 gallons	Gasoline	Removed	01/86
15	One at 4,000 gallons	Diesel	Removed	01/86
16 and 17	One at 1,000 gallons	Solvent/engine oil	Closed in place	Between 1986 and 1987
18 and 19	Two at 10,000 gallons	Gasoline	Removed	11/93
20	One at 10,000 gallons	Diesel	Removed	11/93
Piping			—	—

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown - Holes were observed on a few underground storage tanks (UST) in the Lower Service Station area. In addition, the connecting lines and plumbing associated with the UST in the emergency generator area appeared to be leaking.		
Site characterization complete? Yes	Date Approved By Oversight Agency: —	
Monitoring wells installed? No***	Number: —	Proper screened interval? —
Highest GW Depth Below Ground Surface: ****	Lowest Depth: ****	Flow Direction: Southeast
Most Sensitive Current Use: Potential drinking water		

***No wells were installed for the investigation of the lower service station and emergency generator areas.

****The site is located at an elevation of approximately 600 feet. Based on the topography of the site, it is believed that the groundwater encountered in some of the borings is perched water.

Summary of Production Wells in Vicinity: No water production wells are found within ¼-mile radius of the site.	
Are drinking water wells affected? No	Aquifer Name: Santa Clara Valley Groundwater Basin
Is surface water affected? No	Nearest SW Name: Permanente Creek (~1,400 feet southeast of site)
Off-Site Beneficial Use Impacts (Addresses/Locations): None reported	
Reports on file? Yes	Where are reports filed? Santa Clara Valley Water District

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	Five at 1,000 gallons Three at 2,000 gallons Five at 4,000 gallons One at 5,000 gallons One at 8,000 gallons Three at 10,000 gallons	Transported off site to a Class I facility	01/86 and 11/93
Piping	—	—	—
Free Product	—	—	—
Soil	Unknown	Transported off site to a Class I facility	01/86
Groundwater	—	—	—
Barrels	—	—	—

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATION									
Contaminant	Soil (ppm)		Water (ppb)		Contaminant	Soil (ppm)		Water (ppb)	
	Before	After ¹⁰	Before	After ¹⁰		Before	After ¹⁰	Before	After ¹⁰
TPH (Gas)	1,100 ¹	14	12,000 ⁷	ND	Xylene	4.6 ⁵	0.015	35 ⁸	ND
TPH (Diesel)	6,000 ²	94	2,900,000 ⁷	ND	Ethylbenzene	3.4 ⁶	ND	130 ⁸	ND
Benzene	0.006 ³	ND	340 ⁷	ND	Oil & Grease	—	—	—	—
Toluene	0.046 ⁴	ND	ND	ND	Heavy Metals	—	—	—	—
Other (8240/8270)	—	—	—	—	MTBE	ND	ND	92 ⁹	<2.5

Description of Interim Remediation Activities: None except tank removal.

¹This soil sample was collected from boring SB4 at approximately 15 feet below ground surface (bgs) in the lower service station area, May 1999.

²This soil sample was collected from boring SB2 at approximately 10 feet bgs in the lower service station area, May 1999.

³This soil sample was collected from boring SB4 at approximately 5 feet bgs in the lower service station area, May 1999.

⁴This soil sample was collected from boring SB1 at approximately 15 feet bgs in the lower service station area, May 1999.

⁵This soil sample was collected from boring SB3 at approximately 15 feet bgs in the lower service station area, May 1999.

⁶This soil sample was collected from borings SB4 at approximately 15 feet bgs in the lower service station area, May 1999.

⁷This grab groundwater sample was collected from boring SB3 at approximately 15 feet bgs in the lower service station area, May 1999.

⁸This grab groundwater sample was collected from boring SB4 at approximately 15 feet bgs in the lower service station area, May 1999.

⁹Methyl tert-Butyl Ether (MTBE) was detected at 92 parts per billion (ppb) by U.S. Environmental Protection Agency (EPA) Method 8020 in this grab groundwater sample collected from boring SB4; however, MTBE was not confirmed in this sample based on analysis by EPA Method 8260.

¹⁰These analytical results are based on samples collected from borings located approximately downgradient of the release in the lower service station area.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Santa Clara Valley Water District staff does not make specific determinations concerning public health risk. However, it does not appear that the release would present a risk to human health.		
Site Management Requirements: Residual contamination both in soil and groundwater remains at the site that could be exposed during certain site development activities, grading, or excavation. The impact of the disturbance of this contamination shall be assessed and appropriate action taken so that there is no significant impact to human health, safety, or the environment. The levels of residual contamination are expected to reduce with time.		
Should corrective action be reviewed if land use changes? Yes		
Monitoring Wells Decommissioned: —	Number Decommissioned: —	Number Retained: —
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

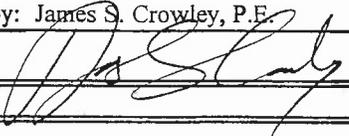
V. ADDITIONAL COMMENTS, DATA, ETC.

<p>Site History:</p> <p>During 1986 and 1993: Twenty USTs (Tanks 1 through 20) had been excavated or closed in place from the following areas (see Attachment 2) at the site.</p> <p>Garage Area (Tanks 1 through 8): Tanks 1 through 8 were excavated and removed resulting in a common excavation (approximately 12 by 100 by 6 feet deep) for Tanks 1 through 7, and a single excavation (approximately 10 by 12 by 6 feet deep) for Tank 8. None of the tanks appeared to be leaking or damaged. No water or liquids were noted in either excavation. Both excavations were backfilled and compacted with clean fill. Samples were collected from the excavations after the tanks and all obviously contaminated soils were removed. Samples were collected from beneath each tank from areas which had been most contaminated before excavation. Analytical results did not indicate the presence of petroleum hydrocarbons.</p> <p>Lower Service Station Area (Tanks 9 through 14): Excavation of Tanks 9 through 12 resulted in a common excavation of approximately 20 by 30 by 12 feet deep. Holes were noted on Tanks 10, 11, and 12. The excavation contained water and floating product on the surface. No samples were collected. The excavation was then backfilled with clean material. Tanks 13 and 14 were also excavated. The excavation for the 5,000-gallon tank (Tank 13) was approximately 20 by 10 by 12 feet deep; the excavation for the 8,000-gallon tank (Tank 14) was approximately 28 by 10 by 14 feet deep. Neither Tank 13 nor Tank 14 appeared to be damaged or had apparent leaks. The excavation did not contain product but water was present. No samples were collected and the excavation was backfilled with clean material.</p> <p>Emergency Generator Area (Tank 15): The tank excavation was approximately 10 by 20 by 12 feet deep. The tank appeared undamaged with no apparent leaks, but the associated connecting lines and plumbing showed leakage. Product was found within the excavation. No samples were collected, and the excavation was backfilled with clean material.</p> <p>Oil House Area (Tanks 16 and 17): The tanks were closed in place by filling with Portland cement grout. Samples were collected from beneath the two tanks by slant drilling. Two borings were drilled (Nos. 1 and 2). One sample was tested for volatile chlorinated organics and the other was tested for petroleum hydrocarbons. The two samples were collected at a vertical depth of approximately 19 feet and 23 feet bgs, respectively. Results did not indicate detectable amounts of contamination.</p> <p>Upper Service Station Area (Tanks 18, 19, and 20): Three monitoring wells were installed in the upper service station area in December 1985 to monitor groundwater near the three 10,000-gallon USTs that formerly contained diesel and gasoline. In November 1993, the USTs were removed and two new USTs were installed. The new USTs have secondary containment and electronic monitoring for leakage. On December 23, 1993, a test was performed on the tanks, and both tanks were tested tight. The Regional Water Quality Control Board granted closure for this area in December 1995.</p> <p>May 10 through May 12, 1999: Soil and groundwater sampling were performed in the two areas of concern: the lower service station area and the emergency generator tank area. In addition, two out of three monitoring wells were destroyed in the upper service station area. The location of the third monitoring well could not be determined.</p> <p>Five borings (SB1 through SB5) were drilled in the lower service station area. Analytical results for soil samples indicated up to 1,100 parts per million (ppm) Total Petroleum Hydrocarbons as Gasoline (TPHG), 6,000 ppm Total Petroleum Hydrocarbons as Diesel (TPHD), 0.006 ppm Benzene, 0.046 ppm Toluene, 3.4 ppm Ethylbenzene, and 4.6 ppm Xylenes. No MTBE was detected in any of the soil samples. Analytical results for groundwater samples indicated up to 12,000 ppb TPHG, 2,900,000 ppb TPHD, 340 ppb Benzene, 130 ppb Ethylbenzene, and 35 ppb Xylenes. One groundwater sample (from SB4) showed 92 ppb MTBE by EPA Method 8020; a duplicate sample collected from SB4 did not indicate a detectable amount of MTBE. SB1 was drilled to a depth of 40 feet bgs and no groundwater was encountered.</p> <p>Three borings (SB6 through SB8) were drilled in the emergency generator area. Analytical results for soils samples indicated up to 910 ppm TPHD. Groundwater samples indicated up to 380,000 ppb TPHD. No TPHG or BTEX were detected in the soil or groundwater samples. SB8 was drilled to a depth of 28 feet bgs and no groundwater was encountered. Groundwater was encountered at a depth of 1.5 feet and 10 feet, respectively, at the other two borings. It appeared that the diesel contamination was localized within the former tank area. Therefore, no additional investigation was performed in this area.</p> <p>March 2000: Two additional borings (SB6 and SB7) were drilled downgradient of the lower service area. Analytical results for soil samples indicated the presence of 94 ppm TPHD, 14 ppm TPHG, and 0.015 ppm Xylenes. Analytical results for a grab groundwater sample collected from SB6 indicated the presence of 110 ppb TPHD but no TPHG, Benzene, Toluene, Ethylbenzene, Xylenes, or MTBE. SB7 was drilled to a depth of approximately 40 feet bgs, but no groundwater was encountered.</p>
--

Conclusion:

Although residual soil and groundwater contamination remains in place at the site, it does not appear that the residual contamination would pose a significant risk to human health, safety, and the environment. Based on analytical results for soil and groundwater samples collected from borings installed in the vicinity of the known source areas, it appears that the residual petroleum pollution is limited to the immediate area of the former tank area. In addition, the site is located at an elevation of approximately 600 feet. Based upon the topography and location of the site, the potential for a significant groundwater impact from the reported release is reduced. Although high levels of TPHD contamination exists in the former tank area, natural attenuation processes will reduce the contamination over time. The Santa Clara Valley Water District staff does not believe that a continuing threat to soil or groundwater exists at the site. Therefore, no further corrective action is required at this time.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Rita S. Chan, P.E.	Title: Assistant Civil Engineer
Signature: 	Date: 1/8/01
Approved by: James S. Crowley, P.E.	Title: Engineering Unit Manager
Signature: 	Date: 1/9/01

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Chuck Headlee	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature: <i>Please see the attached sheet for signature.</i>	Date: 1/9/01

Attachments:

1. Site Vicinity Map
2. Site Plan
3. Description of the removed USTs
4. Location of the removed USTs
5. Boring locations in the lower service area and the soil and groundwater analytical results, May 1999
6. Boring locations in the emergency generator area and the soil and groundwater analytical results, May 1999
7. Additional downgradient borings (SB6 and SB7) in the lower service area and the soil and groundwater analytical results, March 2000

This document and the related CASE CLOSURE LETTER, shall be retained by the lead agency as part of the official site file.

24001 Stevens Creek Blvd

Conclusion:

Although residual soil and groundwater contamination remains in place at the site, it does not appear that the residual contamination would pose a significant risk to human health, safety, and the environment. Based on analytical results for soil and groundwater samples collected from borings installed in the vicinity of the known source areas, it appears that the residual petroleum pollution is limited to the immediate area of the former tank area. In addition, the site is located at an elevation of approximately 600 feet. Based upon the topography and location of the site, the potential for a significant groundwater impact from the reported release is reduced. Although high levels of TPHD contamination exists in the former tank area, natural attenuation processes will reduce the contamination over time. The Santa Clara Valley Water District staff does not believe that a continuing threat to soil or groundwater exists at the site. Therefore, no further corrective action is required at this time.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Rita S. Chan, P.E.	Title: Assistant Civil Engineer
Signature: <i>Rita Chan</i>	Date: 1/8/01
Approved by: James S. Crowley, P.E.	Title: Engineering Unit Manager
Signature: <i>James S. Crowley</i>	Date: 1/9/01

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

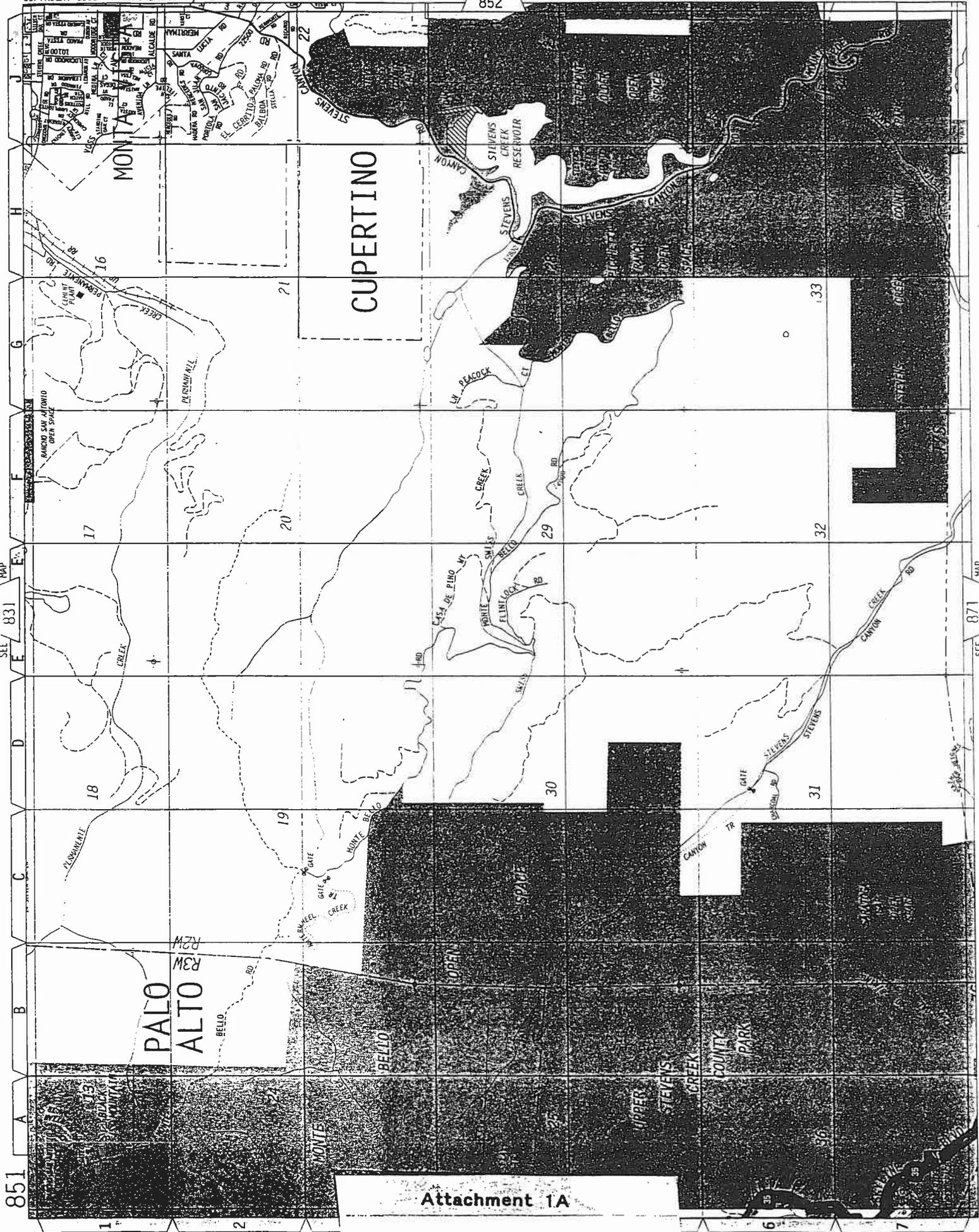
Regional Board Staff Name: Chuck Headlee	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature: <i>Chuck Headlee</i>	Date: 1/9/01

Attachments:

1. Site Vicinity Map
2. Site Plan
3. Description of the removed USTs
4. Location of the removed USTs
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7. Additional downgradient borings (SB6 and SB7) in the lower service area and the soil and groundwater analytical results, March 2000

This document and the related CASE CLOSURE LETTER, shall be retained by the lead agency as part of the official site file

Post-It® Fax Note	7671	Date	# of pages
To	<i>Rita Chan</i>	From	<i>Chuck Headlee</i>
Co./Dept.		Co.	
Phone #		Phone #	
Fax #	<i>(408) 267 5057</i>	Fax #	



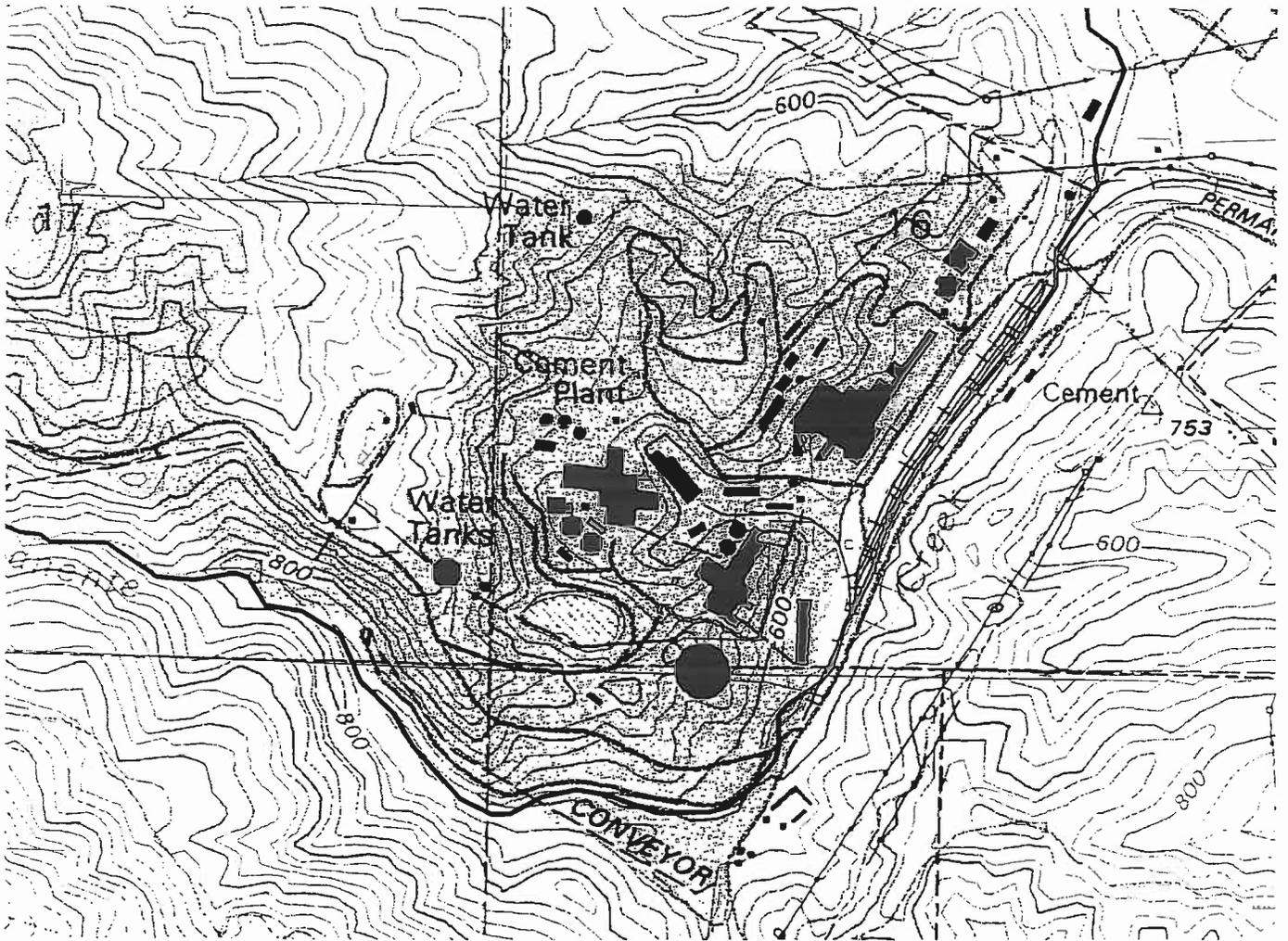
SLE 831 MAP

SIF 871 MAP

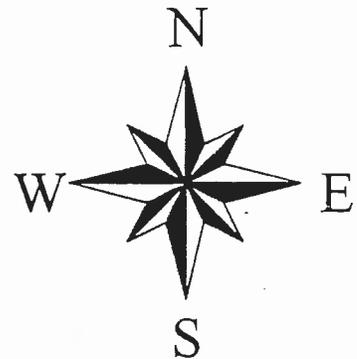
851

Attachment 1A

View1

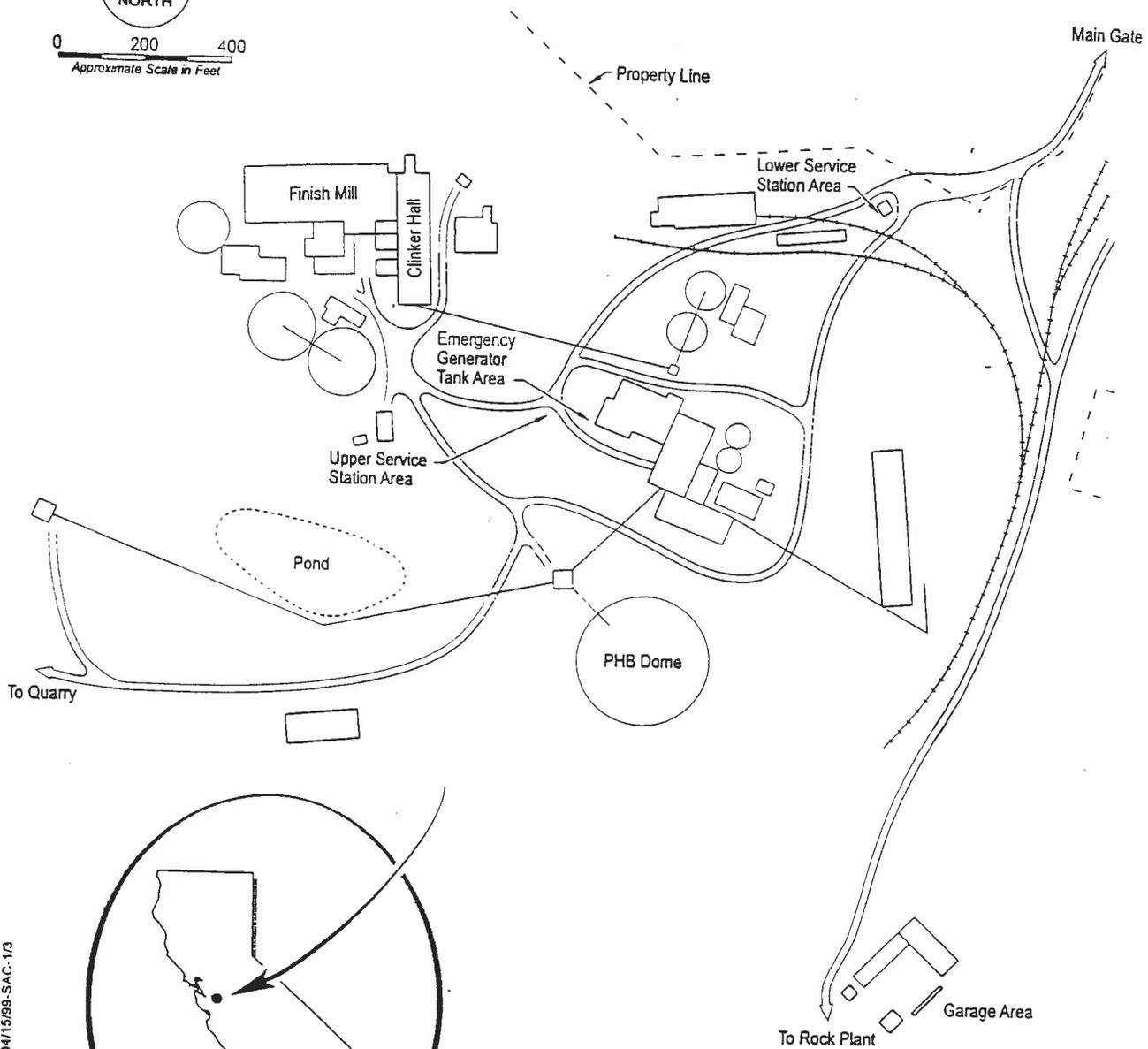


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- PARCELS.SHP
- ∩ EIR_CRKS.shp
- ▬ OPTANK.SHP
- ▲ FUELLEAK.shp
- Fimwellp.dbf
- DPTH2H20.SHP
- * DESTWELL.SHP
- ⊕ ALLWELLS.shp
- PERCPNDS.SHP





0 200 400
Approximate Scale in Feet



Note: Locations shown are approximate

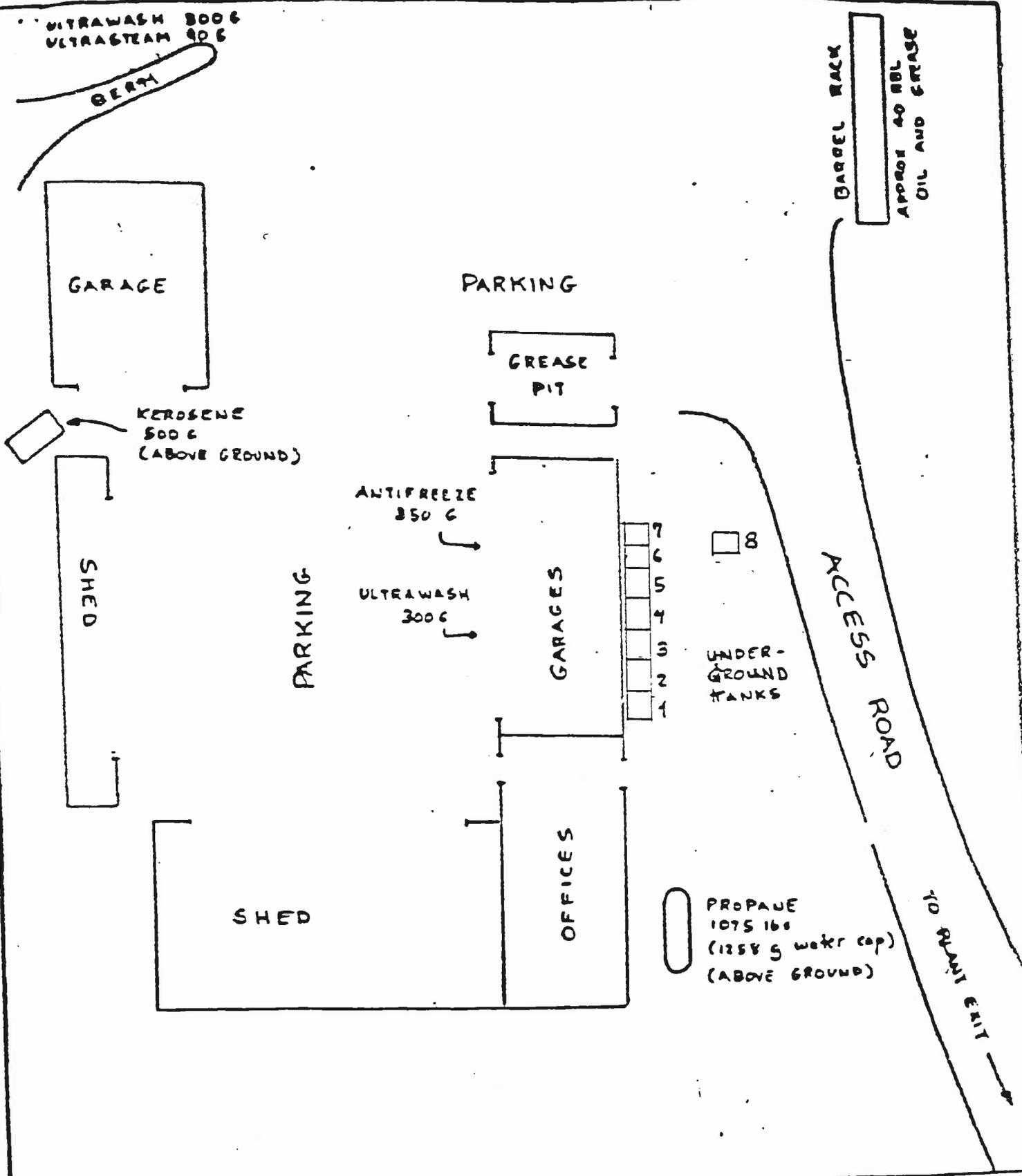
Kaiser/Kaiser1.cdr-BMP-04/15/99-SAC-1/3

KAISER CEMENT CORPORATION

ATTACHMENT 1

UNDERGROUND STORAGE TANKS

Tank No.	Location	Site Map No.	Capacity	Material Stored
1	Garage Area	1	1,000	Hydraulic Oil
2	Garage Area	1	1,000	Engine Oil
3	Garage Area	1	1,000	Engine Oil
4	Garage Area	1	1,000	Engine Oil
5	Garage Area	1	1,000	Engine Oil
6	Garage Area	1	2,000	Engine Oil
7	Garage Area	1	2,000	Engine Oil
8	Garage Area	1	2,000	Waste Oil
9	Lower Service Station	2	4,000	Diesel
10	Lower Service Station	2	4,000	Diesel
11	Lower Service Station	2	4,000	Diesel
12	Lower Service Station	2	4,000	Diesel
13	Lower Service Station	2	5,000	Unleaded Gasoline
14	Lower Service Station	2	8,000	Unleaded Gasoline
15	Emergency Generator	3	4,000	Diesel
16	Oil House	4	1,000	Solvent
17	Oil House	4	1,000	Engine Oil
18	Upper Service Station	3	10,000	Unleaded Gasoline
19	Upper Service Station	3	10,000	Unleaded Gasoline
20	Upper Service Station	3	10,000	Diesel



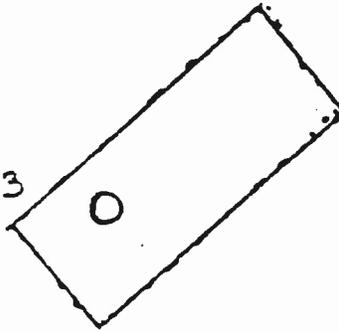
GARAGE AREA, TANKS 1-8
 KAISER CEMENT CORPORATION
 PERMANENTE PLANT

SITE MAP No. 1
 DATE: 10-24-84
 DRAWN BY: JHM

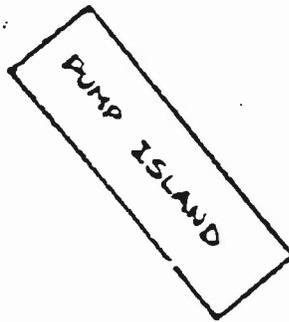
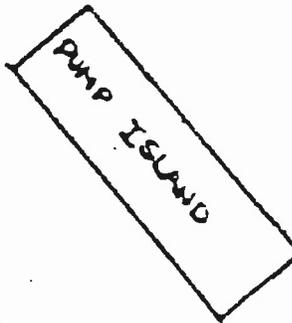
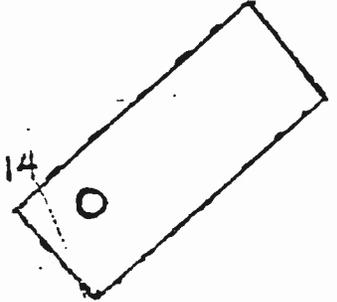
TO KILN



13

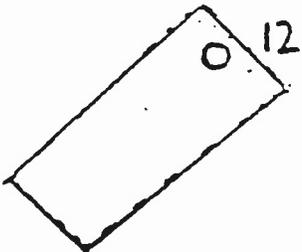


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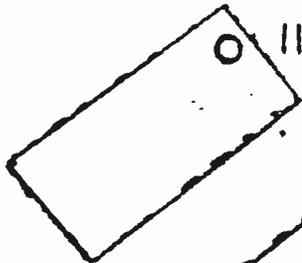


PARKING

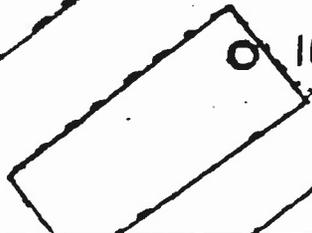
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11



10



9

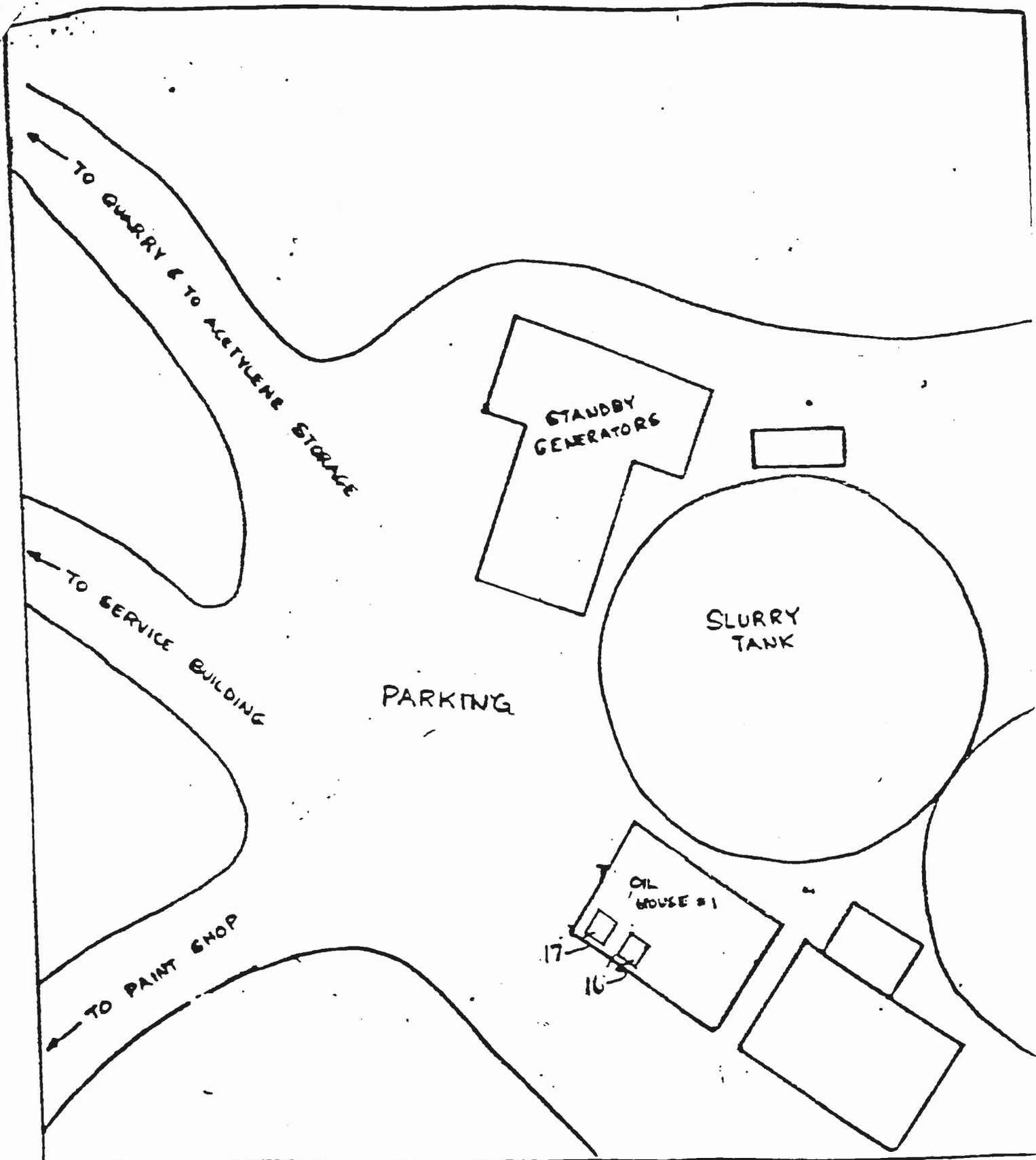


TO PLANT EXIT



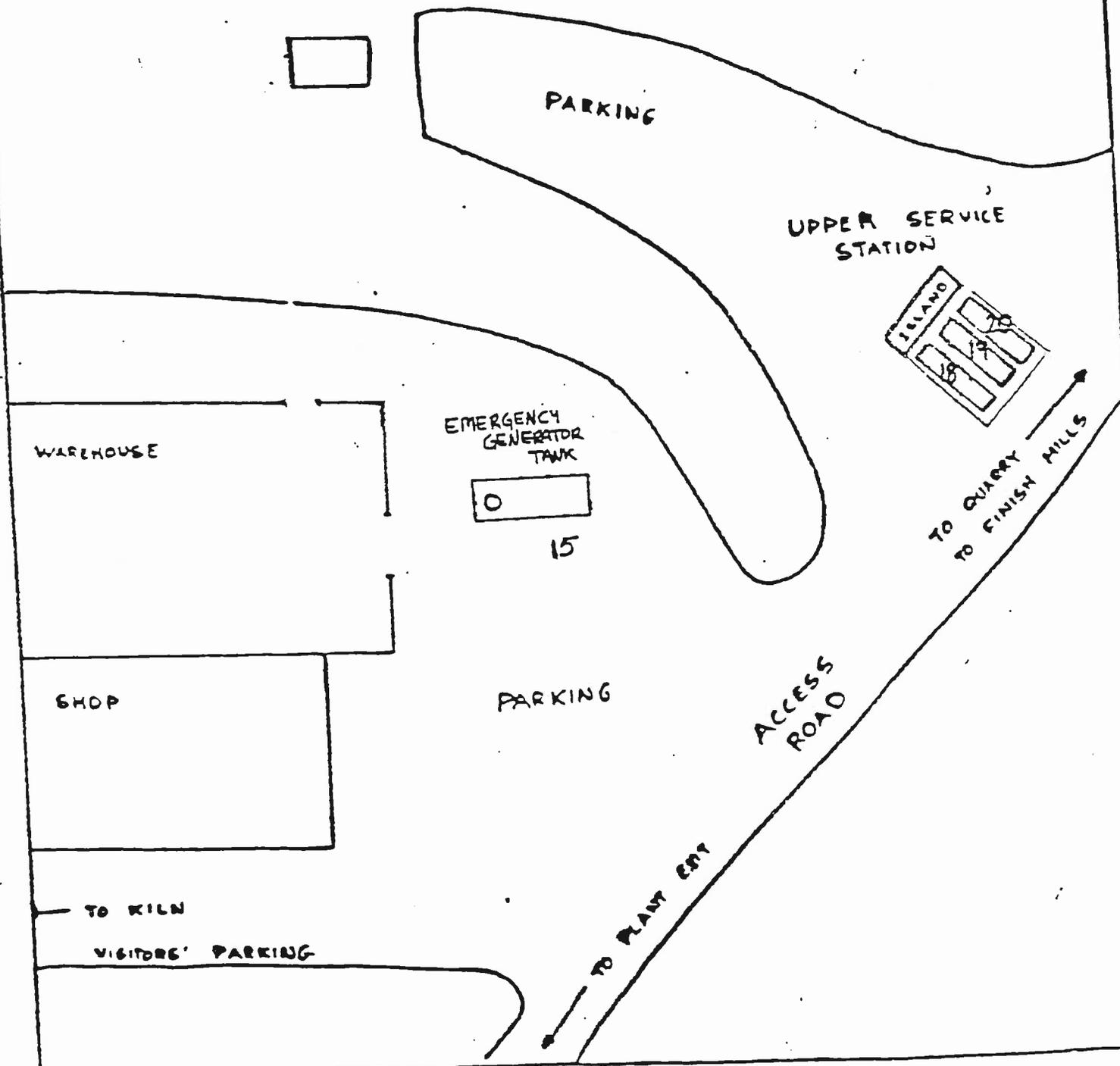
LOWER SERVICE STATION, TANKS 9-14
KAISER CEMENT CORPORATION
PERMANENTE PLANT

SITE MAP No. 2
DATE: 10-23-84
DRAWN BY: JHN



OIL HOUSE, TANKS 15 & 16
 KAISER CEMENT CORPORATION
 PERMANENTE PLANT

SITE MAP No. 3
 DATE: 11-1-84
 DRAWN BY: JHM



EMERGENCY GENERATOR & UPPER SERVICE STATION, TANKS 17-20
 KAISER CEMENT CORPORATION
 PERMANENTE PLANT

SITE MAP No. 4
 DATE: 11-1-84
 DRAWN BY: JHM

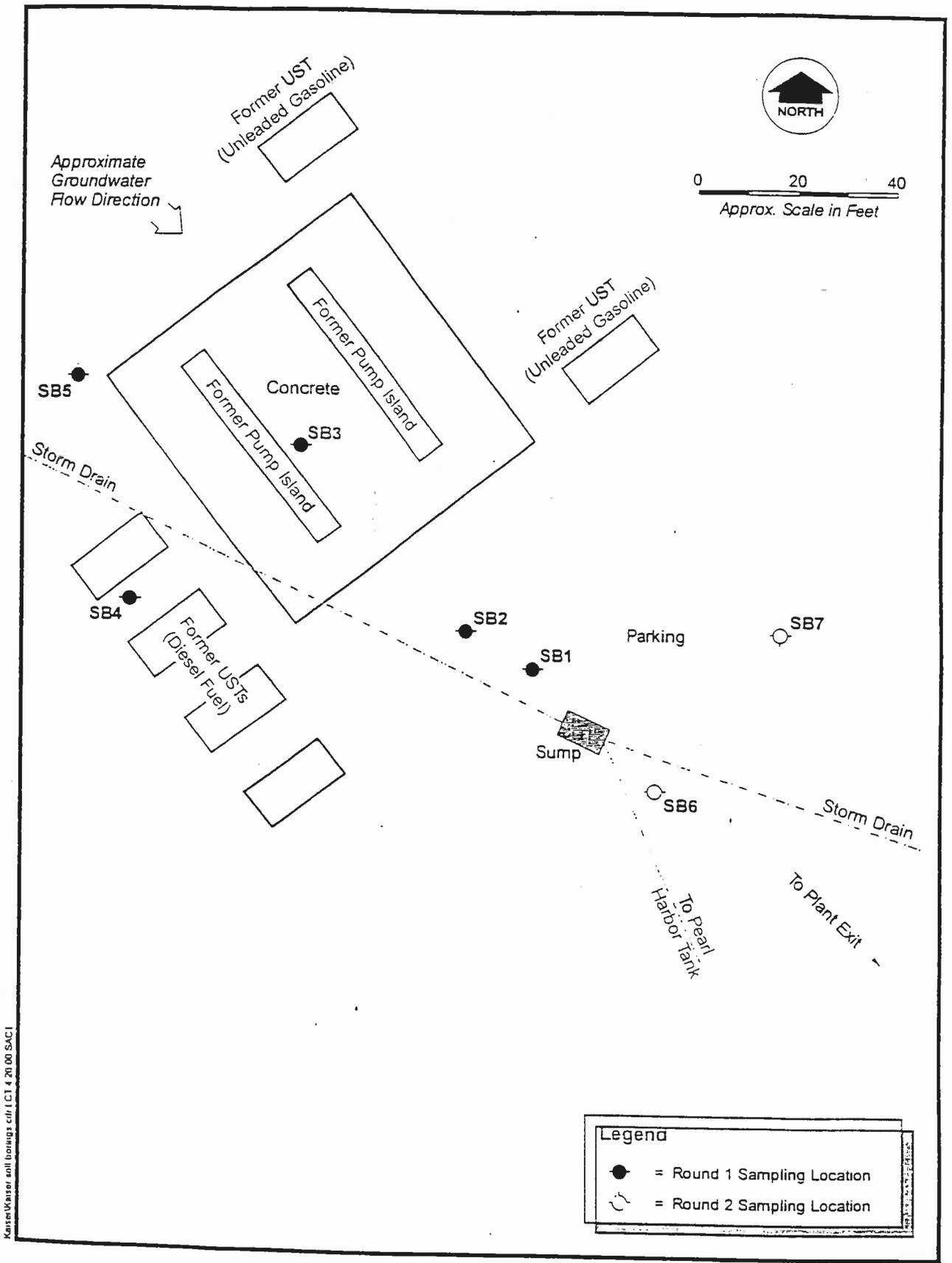


Figure 2. Lower Service Station Area

KaiserWater_soil_borings_ehr_C14_20_00_SAC1

Table 2.
Sampling Results for the Lower Service Station Area

Location	Analyte	Soil Data (mg/kg)								Groundwater Data (µg/l)
		5 ft bgs	10 ft bgs	15 ft bgs	20 ft bgs	25 ft bgs	30 ft bgs	35 ft bgs	40 ft bgs	
SB1	Benzene ²	ND (<0.0025)	ND (<0.0025)	ND (<0.005)	ND (<0.0025)	NE				
SB1	Toluene	ND (<0.0025)	ND (<0.0025)	0.046	ND (<0.0025)	NE				
SB1	Ethylbenzene	ND (<0.0025)	ND (<0.0025)	0.090	ND (<0.0025)	NE				
SB1	Xylenes (total)	ND (<0.0025)	ND (<0.0025)	0.23	ND (<0.0025)	NE				
SB1	MTBE	ND (<0.125)	ND (<0.125)	ND (<0.25)	ND (<0.125)	ND (<0.125)	ND (<0.125)	ND (<0.125)	ND (<0.125)	NE
SB1	TPH-d	2,600	ND (<4)	3,500	ND (<4)	11	NE			
SB2	Benzene	ND (<0.0025)	ND (<0.5)							18
SB2	Toluene	0.0060 ¹	ND (<0.5)							ND (<5)
SB2	Ethylbenzene	ND (<0.0025)	ND (<0.5)							ND (<5)
SB2	Xylenes (total)	ND (<0.0025)	ND (<0.5)							ND (<5)
SB2	MTBE	ND (<0.125)	ND (<5)							ND (<50)
SB2	TPH-d	260	6,000							680,000
SB3	Benzene	ND (<0.0025)	ND (<0.25)	ND (<0.5)						340
SB3	Toluene	ND (<0.0025)	ND (<0.25)	ND (<0.5)						ND (<50)
SB3	Ethylbenzene	ND (<0.0025)	ND (<0.25)	2.2						ND (<50)
SB3	Xylenes (total)	ND (<0.0025)	ND (<0.25)	4.6						ND (<50)
SB3	MTBE	ND (<0.125)	ND (<2.5)	ND (<5.0)						ND (<500)
SB3	TPH-d	8	1,900	5,400						2,900,000
SB3	TPH-g	4.8	100	730						12,000
SB4	Benzene	0.006 ¹	ND (<0.0050)	ND (<0.5)						8.6
SB4	Toluene	0.003 ¹	ND (<0.0050)	ND (<0.5)						ND (<5)
SB4	Ethylbenzene	ND (<0.0025)	ND (<0.0050)	3.4						130
SB4	Xylenes (total)	ND (<0.0025)	ND (<0.0050)	ND (<0.5)						35
SB4	MTBE	ND (<0.25)	ND (<0.25)	ND (<5)						ND(92) ³

**Table 2. (Continued)
Sampling Results for the Lower Service Station Area**

Location	Analyte	Soil Data (mg/kg)								Groundwater Data (µg/L)
		5 ft bgs	10 ft bgs	15 ft bgs	20 ft bgs	25 ft bgs	30 ft bgs	35 ft bgs	40 ft bgs	
SB4	TPH-d	180	1,800	26						8,600
SB4	TPH-g	0.38	1.2	1,100						8,500
SB5	Benzene ²	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)						ND (<5)
SB5	Toluene	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)						ND (<5)
SB5	Ethylbenzene	ND (<0.0025)	ND (<0.0025)	0.057 ¹						58
SB5	Xylenes (total)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)						15
SB5	MTBE	ND (0.125)	ND (0.125)	ND (<0.0125)						ND (<50)
SB5	TPH-d	ND (<4)	ND (<4)	160						3,400
SB5	TPH-g	0.40	0.89	6.0						4,500

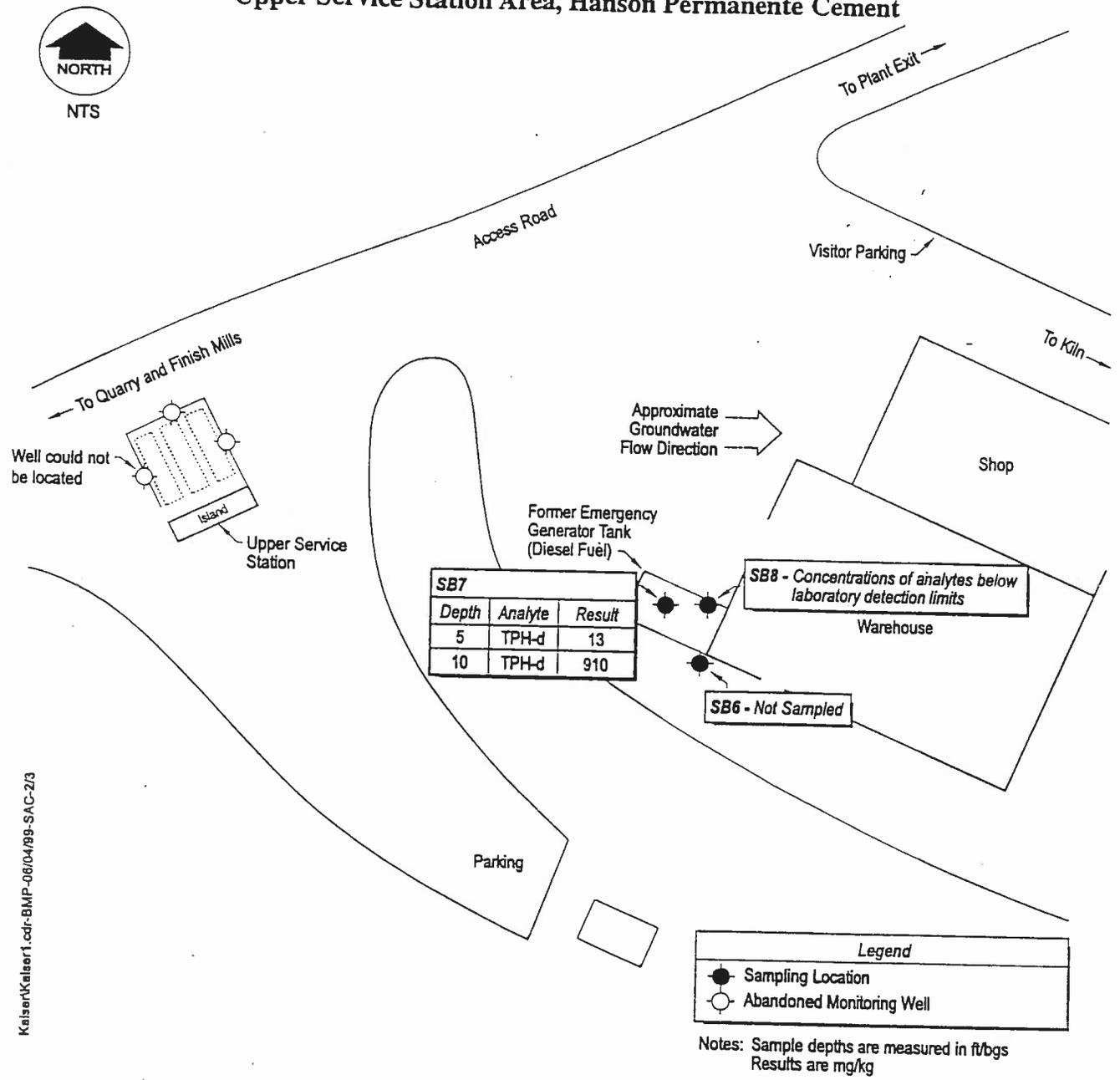
¹Results are estimated because concentrations exceeded the calibration range.

²Benzene data at locations SB1 and SB5 are based on nondetect results for MS/MSD samples (see Sections 5.2 and 5.3)

³MTBE was detected using EPA Method SW8020. However, MTBE was not confirmed in this sample based on analysis by EPA Method SW8260.

- bgs = below ground surface
- mg/kg = milligrams per kilogram
- MTBE = methyl tert butyl ether
- ND = not detected above reporting limit in parenthesis
- NE = not encountered
- NS = not sampled
- TPH-d = diesel range petroleum hydrocarbons
- TPH-g = gasoline range petroleum hydrocarbons
- µg/L = micrograms per liter

Upper Service Station Area, Hanson Permanente Cement



KaiserKaiser1.cdr-BMP-06/04/99-SAC-2/3

Figure 6. TPH-d and BTEX Concentrations in Soil, Emergency Generator Tank Area and Upper Service Station Area, Hanson Permanente Cement

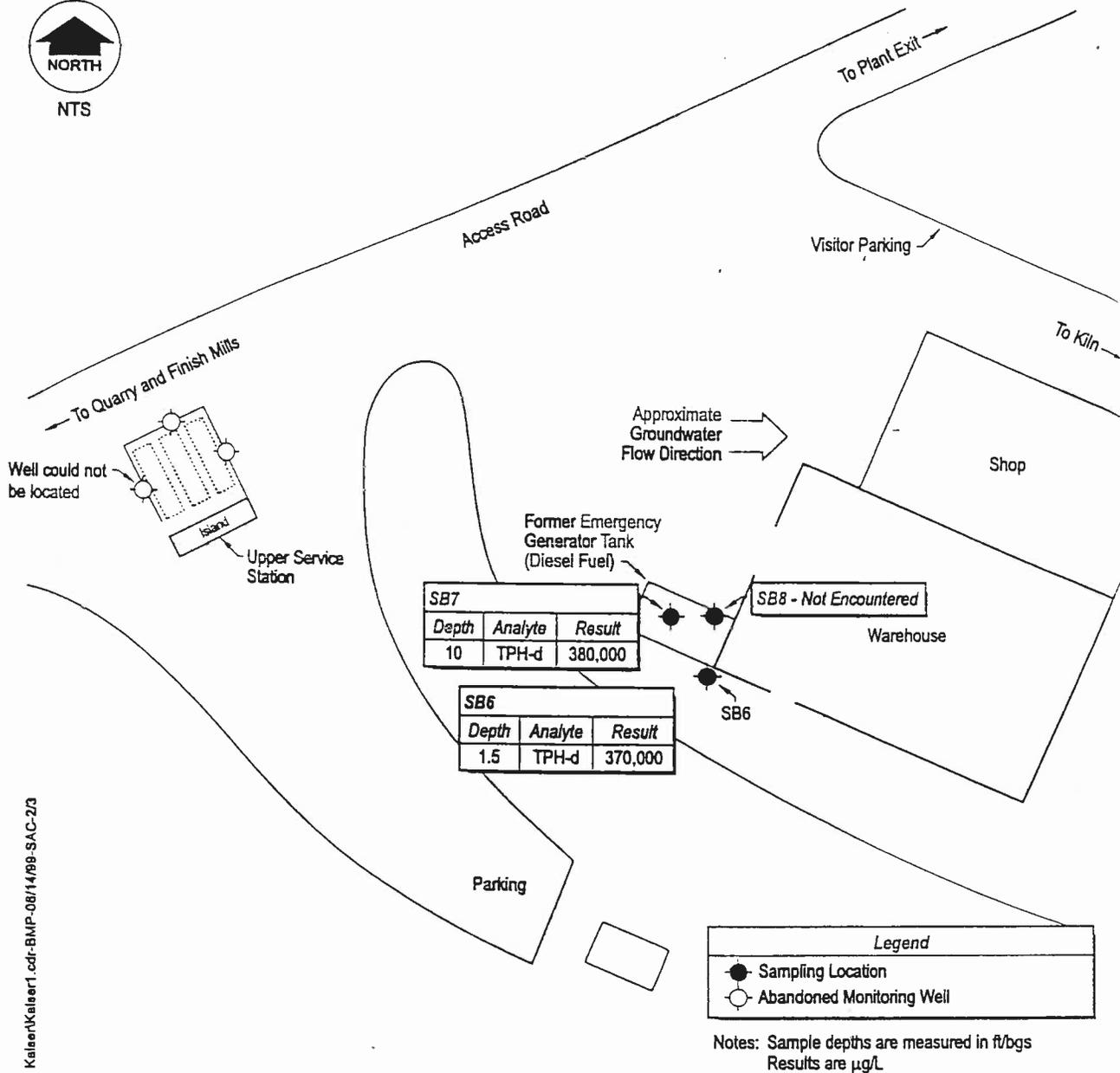


Figure 7. TPH-d and BTEX in Groundwater, Emergency Generator Tank Area and Upper Service Station Area, Hanson Permanente Cement

Table 3.
Sampling Results for the Emergency Generator Tank Area

Location	Analyte	Soil Data (mg/kg)						Groundwa Data (µg/l)
		5 ft bgs	10 ft bgs	15 ft bgs	20 ft bgs	25 ft bgs	28 ft bgs	
SB6	Benzene							
SB6	Toluene							ND (<5)
SB6	Ethylbenzene							ND (<5)
SB6	Xylenes (total)							ND (<5)
SB6	MTBE							ND (<50)
SB6	TPH-d							370,000
SB7	Benzene	ND (<0.0025)	ND (<0.0025)					ND (<5)
SB7	Toluene	ND (<0.0025)	ND (<0.0025)					ND (<5)
SB7	Ethylbenzene	ND (<0.0025)	ND (<0.0025)					ND (<5)
SB7	Xylenes (total)	ND (<0.0025)	ND (<0.0025)					ND (<5)
SB7	MTBE	ND (<0.125)	ND (<0.125)					ND (<50)
SB7	TPH-d	13	910					380,000
SB8	Benzene	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	NS
SB8	Toluene	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	NS
SB8	Ethylbenzene	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	NS
SB8	Xylenes (total)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	NS
SB8	MTBE	ND (<0.125)	ND (<0.125)	ND (<0.125)	ND (<0.125)	ND (<0.125)	ND (<0.125)	NS
SB8	TPH-d	ND (<4)	ND (<4)	ND (<4)	ND (<4)	ND (<4)	ND (<4)	NS

bgs = below ground surface
 mg/kg = milligrams per kilogram
 MTBE = methyl tert butyl ether
 ND = not detected above reporting limit in parenthesis
 NS = not sampled
 TPH-d = diesel range petroleum hydrocarbons
 TPH-g = gasoline range petroleum hydrocarbons
 µg/L = micrograms per liter

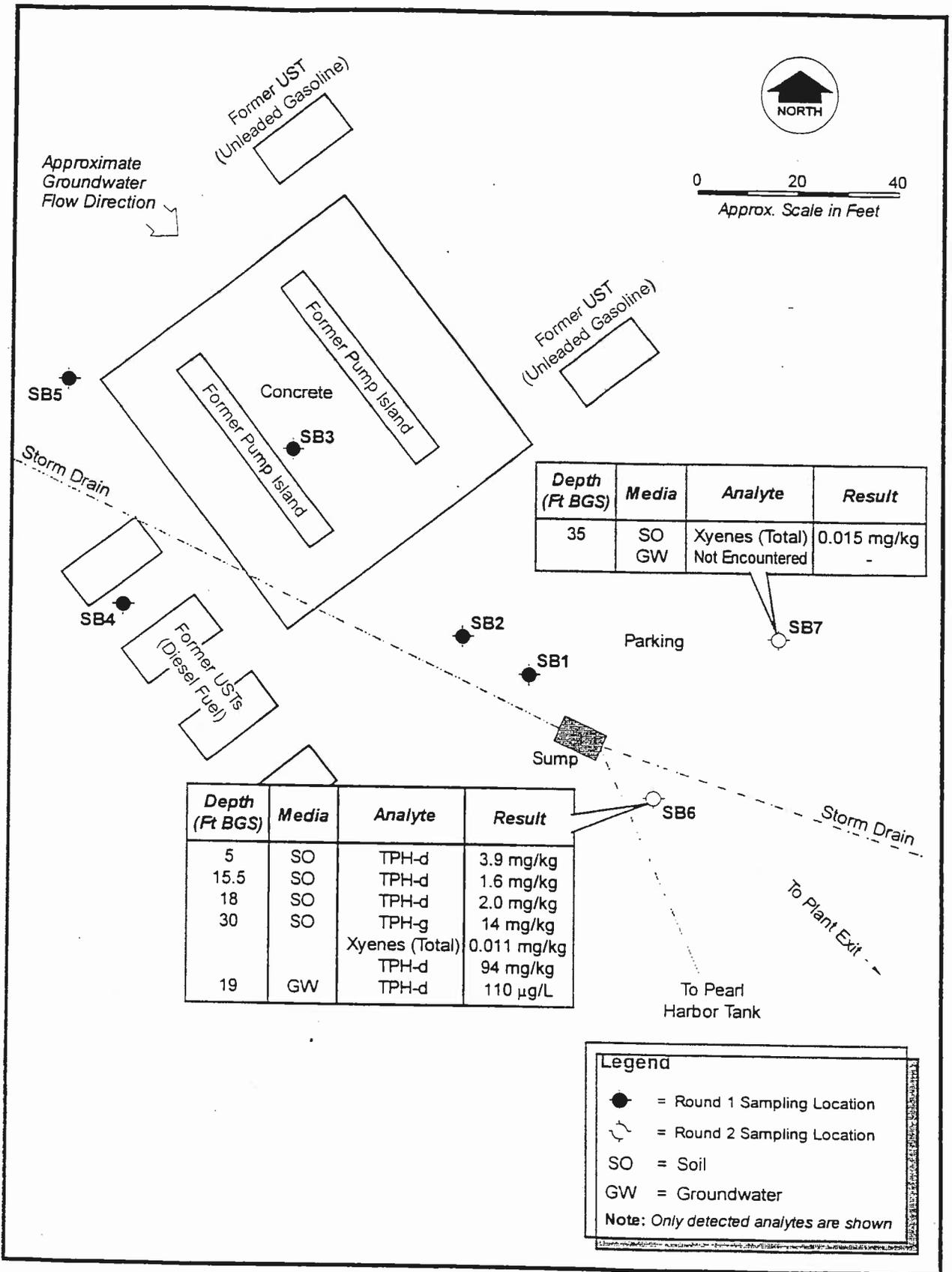


Figure 3. Round 2 Soil Boring Results, Lower Service Station Area

**Table 2.
March 2000 Sampling Results for the Lower Service Station Area**

Location	Analyte	Soil Data (mg/kg)								Groundwater Data (µg/L)
		5 ft bgs	10 ft bgs	15.5 ft bgs	18 ft bgs	20 ft bgs	30 ft bgs			19 ft bgs
SB6	TPH-g	ND (<1.0)	NS	ND (<1.0)	ND (<1.0)	ND (<1.0)	14			ND (<50)
SB6	Benzene	ND (<0.0050)	NS	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)			ND (<0.50)
SB6	Toluene	ND (<0.0050)	NS	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)			ND (<0.50)
SB6	Ethylbenzene	ND (<0.0050)	NS	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)			ND (<0.50)
SB6	Xylenes (total)	ND (<0.0050)	NS	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	0.011			ND (<0.50)
SB6	MTBE	ND (<0.050)	NS	ND (<0.050)	ND (<0.050)	ND (<0.050)	ND (<0.050)			ND (<2.5)
SB6	TPH-d	3.9	NS	1.6	2.0	ND (<1.0)	94 J			110
Location	Analyte	5.5 ft bgs	10 ft bgs	15 ft bgs	20 ft bgs	24.5 ft bgs	30 ft bgs	35 ft bgs	40 ft bgs	Groundwater Data (µg/L)
SB7	TPH-g	ND (<1.0)	NS	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	NE
SB7	Benzene	ND (<0.0050)	NS	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	NE
SB7	Toluene	ND (<0.0050)	NS	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	NE
SB7	Ethylbenzene	ND (<0.0050)	NS	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	NE
SB7	Xylenes (total)	ND (<0.0050)	NS	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	0.015	ND (<0.0050)	NE
SB7	MTBE	ND (<0.050)	NS	ND (<0.050)	ND (<0.050)	ND (<0.050)	ND (<0.050)	ND (<0.050)	ND (<0.050)	NE
SB7	TPH-d	ND (<1.0)	NS	ND (<1.0)	NE					

bgs = below ground surface
 mg/kg = milligrams per kilogram
 J = result is estimated
 MTBE = methyl tertiary butyl ether
 ND = not detected above reporting limit in parenthesis
 NE = not encountered
 NS = sample was not collected
 TPH-d = diesel range petroleum hydrocarbons
 TPH-g = gasoline range petroleum hydrocarbons
 µg/L = micrograms per liter