



August 11, 2016

HighBridge Properties
101 Montgomery Street, Suite 2550
San Francisco, California 94104
Attn: Paul Gradeff

RE: **Phase I Environmental Site Assessment**
Lincoln40
1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive and 113, 115 and 118 Hickory Lane
Davis, California 95616
ERC Project #15-PH1-160

Dear Mr. Gradeff:

In accordance with our Professional Service Agreement (PSA), dated April 15, 2015, ERCdiligence.com (ERC) has performed a Phase I Environmental Site Assessment (Phase I) of the property referenced above adhering to ASTM International (ASTM) Standard Practice for Environmental Site Assessments, the Phase I Environmental Site Assessment Process (E1527-13), the All Appropriate Inquiry Rule (40 CFR Part 312).

ERC certifies that to the best of our knowledge the attached Phase I report, dated May 14, 2015, is true and accurate. This report was prepared solely for use by High Bridge Properties, as well as others included in this report under Section 2.6, Reliance.

Thank you for your business and if you have questions or need additional assistance, please contact me at 415.218.4911.

Sincerely,

A handwritten signature in cursive script that reads "Kathleen Buscher".

Kathleen Buscher
Project Coordinator

ERC Project #15-PH1-160



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Lincoln40
1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive,
and
113, 115 and 118 Hickory Lane
Davis, Yolo County, California 95616**



Dated:

December 10, 2015, *revised* August 12, 2016

Prepared for:

Lincoln40
One Embarcadero Center, Suite 750
San Francisco, California 94111
Attn: Paul Gradeff

Prepared by:

ERCdiligence.com
19138 Hidden Valley Road
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Appendices

- Appendix A – Site Location Map
- Appendix B – Site Plan
- Appendix C - Site Photographs
- Appendix D - Historical Research Documentations
- Appendix E – GEOSEARCH Database Report

TABLE SUMMARY
POTENTIAL SOURCES or EVIDENCE of ENVIRONMENTAL IMPAIRMENT

	Evidence of a REC	Historical REC	Controlled REC	BER	Elevated Risk (High/Low)	Further Action Required	Cost Estimate
Pre-Survey Questionnaire	No	No	No	No	N/A	No	N/A
Scope/Comment	Completed questionnaires did not report any known or suspect environmental impairment, current or in the past.						
Historical Source Review	No	No	No	No	N/A	No	N/A
Scope/Comment	No historical use suspect of environmental impairment was identified during this investigation						
Site Operations	No	No	No	No	N/A	No	N/A
Scope/Comment	The buildings are residential in use.						
Petroleum Products	No	No	No	No	N/A	No	N/A
Scope/Comment	No current or historical use of regulated quantities of petroleum products was identified during this investigation						
Hazardous Materials	No	No	No	No	N/A	No	N/A
Scope/Comment	No current or historical use of regulated quantities of hazardous materials was identified during this investigation						
Storage Tanks/Vessels	No	No	No	No	N/A	No	N/A
Scope/Comment	No current or historical use of storage tanks or vessels was identified during this investigation.						
Surface Staining	No	No	No	No	N/A	No	N/A
Scope/Comment	Some surface staining in parking areas and driveways. De Minimis.						
Regulatory Database	No	No	No	No	N/A	No	N/A
Scope/Comment	The Site and adjoining properties are not listed in the database. Listed facilities were evaluated and no regulated case was identified as a potential offsite source.						
PCBs	Yes	No	No	No	N/A	No	N/A
Scope/Comment	Two PG&E owned pole-mounted transformers are present within the street setback of Olive drive, abutting the about central south side and southeast side of the combined lots. PG&E changed out all PCB containing oil that contained oil with concentrations above 50 parts per million (ppm), as the result of a program that required all potentially PCB containing equipment be sampled and analyzed. PG&E confirmed the transformers along Olive Drive have been mitigated to 50 ppm or less. No staining was observed on the transformer exteriors or on the ground.						
Adjoining Properties	No	No	No	No	N/A	No	N/A
Scope/Comment	No evidence of subsurface impact was identified on adjoining properties,						
Vapor Intrusion Condition	No	No	No	No	N/A	No	N/A
Scope/Comment	No evidence of impact to shallow soil or groundwater was identified during the course of the investigation that would result in Vapor Intrusion.						

TABLE SUMMARY							
Non-ASTM 1527-13 Scope Considerations:							
	Suspect	Sampled		Action Required		BER*	
		Positive	Negative	O&M Plan	Mitigate		
Asbestos (ACM)	Yes	N/A	N/A	N/A	N/A		
Comments	Pre-1981 construction. Survey not requested by User(s). Portions observed were in fair to good condition with no suspect ACM observed as damaged at the time of our Site visit. The Site structures are planned for demolition and a Certified Asbestos Consultant will be retained to survey the buildings prior to demolition.						
Lead-Based Paint	Yes	N/A	N/A	N/A	N/A		
Comments	Pre-1978 construction. Survey not requested by the User(s). The Site structures are planned for demolition and a Certified Lead-Based Paint Consultant will be retained to survey the buildings.						
Radon	Yes	N/A	N/A	N/A	N/A		

TABLE SUMMARY						
Non-ASTM 1527-13 Scope Considerations:						
	Suspect	Sampled		Action Required		BER*
Comments	The Indoor Radon Abatement Act of 1988 directed the U. S. Environmental Protection Agency (EPA) to identify areas of the United States that have a potential to produce elevated levels of radon. EPA along with U. S. Geological Survey (USGS) and the Association of American State Geologists produced a series of maps and documents (EPA Map of Radon Zones, California 402-R-93-025). Our review of the Yolo County map showed the County as low risk and no homes tested above the <4 pCi/L level of radon, which requires further testing.					
Mold	No	N/A	N/A	N/A	N/A	
Comments	Survey not requested by the User. Though no visual or olfactory evidence was noted at the time of our Site visit.					
Drinking Water	No	N/A	N/A	N/A	N/A	
Comments	Sampling not requested by the User. The Site structures are on the municipal System.					
Wetlands	No	N/A	N/A	N/A	N/A	
Comments	FEMA Flood Map: 06113C0611G, effective on 06/18/2010 depicts the Site in Flood Zone X. Flood Zone X are outside a 500-year flood. The County Planning will be needed to confirm the FEMA designation.					
Regulatory Compliance	No	N/A	N/A	N/A	N/A	
Comments	The property is residential in use. The Site addresses are not listed as regulated facilities.					
<p>*BER = Business Environmental Risk is a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of <i>commercial real estate</i>, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of <i>business environmental risk</i> issues may involve addressing one or more "non-scope" considerations.</p>						

1.0 EXECUTIVE SUMMARY

ERCdiligence.com (ERC) has performed a Phase 1 Environmental Site Assessment (ESA) of the property located at 1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive and 113, 115 and 118 Hickory Lane in Davis, Yolo County, California (Site). The Site is made up of 11 parcels totaling about 6.0-acres and located at the west and east sides of Hickory Lane and bound at the south and west sides by Olive Drive. ERC has conducted this ESA in general accordance with the American Society for Testing Materials (ASTM) Standards for ESAs for Commercial Real Estate (E-1527-13) and the All Appropriate Inquiry (AAI) regulations of the USEPA, 40 CFR Part 312 guides for conducting ESAs.

Kathleen I. Buscher, ERC's Environmental Professional, performed the site reconnaissance on December 7, 2015. The Site is made up of 11 parcels that create an irregular shaped piece of land. Site structures include seven single-family residences and a four-building multi-family complex and two undeveloped lots. The Site structures appear to be of wood-framed construction with combination stucco and wood exteriors.

An approximately 10 feet wide natural gas transmission line traverses the Site at its eastern about one-quarter, from south to north. The line is owned by Pacific Gas and Electric has a deeded easement for use and maintenance. The line location has clear signage and no structures are present along the easement.

Review of available historical sources show the Site as occupied with residences to as far back as 1907. A 1907 and 1913 Topographic Map of Davisville (now Davis), California, shows the parcels developed with one residence to the central north portion. Deeded easements for power utility lines along Olive Drive were granted in 1907 and 1923. The City of Davis advanced sewer to the properties in 1932 and 1957. Historical data indicates the majority of the structures were built between 1932 and 1969. No use, storage or generation of regulated quantities of petroleum hydrocarbons or hazardous materials has been identified during our historical research of the Site addresses.

The Site is surrounded on the west and east by single-family residences then bound by Amtrac railroad tracks. To the north, the Site parcels are bound by Amtrac railroad tracks then the Davis Amtrac station. The parcels at the central south side are bound by a single-family residence and barber shop, with the remainder of the south side as

bound by Olive Drive. The properties to the south, across Olive Drive, are developed with multi-family residences and a Public Self-Storage facility.

ERC reviewed a GeoSearch Radius Report for the Site addresses and surrounding properties. The surrounding property search radii used by GeoSearch for each regulatory reporting source is based on ASTM 1527-13 standard search radii. The Site addresses, 1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive and 113, 115 and 118 Hickory Lane, are not listed regulated properties.

The facilities listed in the Geosearch database were evaluated. The closest listed facility is the Davis Amtrac property adjacent to the northwestern side of the Site. Review of subsurface investigations report no groundwater migration to the south, toward the subject Site. Listed properties surrounding the Site were reported as located in the inferred down gradient groundwater flow position relative to the Site. In addition, review of the regulatory status and reporting, location and hydrologic position, relative to the Site, of these listed off-site regulated facilities revealed no evidence of an off-site source of impact to shallow soil or groundwater at the subject Site.

Findings

A cursory summary of our ESA findings is provided below. However, details are not included or fully developed in this section and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

On-Site

- The subject Site parcel had been occupied as residential as far back as 1932. Originally occupied with seven single-family residences and four multi-family structures. One single-family residence located to the eastern end of the Site had been razed prior to our Site visit. This parcel remains vacant. Additional structures include associated outbuildings, such as sheds and a garage, and access drives.
- ERC reviewed files for the Site addresses at the City of Davis Building Department (Building) and the Yolo County Environmental Health Department (County). No evidence or indication of the use or storage of regulated quantities of hazardous materials or petroleum products was identified. The

County and Central Valley Regional Water Quality Control Board had no files for the Site addresses.

Off-Site

- No evidence of impact to shallow soil or shallow groundwater from an off-site source was identified during this investigation. The railroad tracks that bound the northern edge of the Site may have applied chemicals for wood preservation and herbicides to mitigate weeds. These chemicals are generally confined to the railroad right-of-way without significant migration to surrounding soils.

Based on the findings of this investigation, we have concluded that no evidence of a recognized environmental condition (REC), Historical REC or Controlled REC had been identified.

Recommendations

No further action is recommended.

We do find the following worth noting:

- We understand that planned use may include demolition of existing structures and mass grading activities. Based on the age of the Site structures, asbestos containing materials (ACM) and lead-based paint (LBP) may be present. Prior to demolition, the structures will require a Certified ACM and LBP Contractor inspection to mitigate and manage these materials.
- Prior to any activities that may disturb subsurface conditions in the vicinity of the natural gas transmission line easement, the planned work should be reviewed, approved and possibly supervised by Pacific Gas and Electric.

2.0 INTRODUCTION

2.1 Purpose

The purpose of an environmental site assessment is to identify actual or potential “recognized environmental conditions” that may result in liability or land use restrictions. ERC has conducted this ESA in general accordance with the American Society for Testing Materials (ASTM) Standards for ESAs for Commercial Real Estate (E-1527-13) and the All Appropriate Inquiry (AAI) regulations of the USEPA, 40 CFR Part 312 guides for conducting ESAs. A diligent effort in accordance with generally accepted good commercial and customary standards and practices was undertaken to identify evidence of recognized environmental conditions (RECs).

The objective of this Phase I Environmental Site Assessment (ESA) is to identify RECs, which include the presence or likely presence of any hazardous substance or petroleum products on the Site under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into a structure on the Site or into the ground, ground water or surface water of the Site.

ERCdiligence.com was retained to perform this Phase I ESA to assist a potential buyer with performing pre-purchase due diligence to attempt to uncover, and provide a professional opinion on, any environmental impairments, or potential impairments, identified through the All Appropriate Inquiry process.

2.2 Scope of Services

ERC examined the current use of the property and then identified the historical uses of the property in an attempt to determine if recognized environmental conditions exist. ERC examined current and historical documents (Aerial Photographs, Fire Insurance Maps, Topographic Maps, Criss+Cross Directories), governmental databases, deed records, governmental environmental files, conducted interviews with past and current property owners, and a site reconnaissance of the subject Site and surrounding area. We evaluated physical characteristics of the Site and surrounding properties, including depth to groundwater and known or inferred groundwater gradient (groundwater flow direction).

A good faith effort was made to identify possible environmental conditions that might affect the worth or result in use limitations of the property.

2.3 Significant Assumptions

Even with adherence to the E-1527-13 ASTM Standard Scope of Services there may exist on the Site conditions not reasonably identifiable from current Site conditions observed or from available sources reviewed. Though ERC does not warrant or guarantee that the information provided by available sources is true, ERC does judge the information obtained from records review as reliable. The scope of work for this assessment was intended to provide the User with as much information available within a reasonable time frame and with a reasonable research effort relating to potential recognized environmental conditions (REC) at the Site.

We assume that the Client, their representatives and owners, occupants or operators of the Site have used a good faith effort in providing information on the current use and past uses that is true and correct.

2.4 Limitations and Exceptions

A diligent effort in accordance with generally accepted good commercial and customary standards and practices was undertaken to identify RECs that might affect the worth or use limitations of the Site. ERC cannot state with absolute certainty that no potential hazardous waste sites are located in the area.

This assessment was conducted under constraints of time, cost, and scope and reflects a limited investigation and evaluation. It is based on the understanding that no change in use is anticipated. It reflects the normal degree of care and skill that is ordinarily exercised by Environmental Professionals (EPs) conducting business in this or similar localities.

In no event shall ERC or its associates or employees be liable for any damages, injury, loss, cost or expense whatsoever arising in connection with the use or reliance on the information contained in this report, except as otherwise provided by law. The result of this assessment, as written in this report, is valid as of the date of the report.

ERCdiligence.com has no interest or contemplation of interest in the subject Site or surrounding properties, or in any entity responsible for adverse environmental conditions, if any, identified during the course of this investigation. The information

contained in this report has been reviewed by Environmental Professionals with the appropriate background, experience and certifications to judge the potential for the presence of Recognized Environmental Conditions (RECs).

The information in this report is based on a review of governmental records, interviews with those knowledgeable of the Site and its history, information provided by the County of Yolo and observations of the EP. No representation or warranty is made as to the accuracy of the information gathered, though deemed reliable, information obtained from interviews and historical sources may include inaccuracies. The assessment does not include sampling of soil, rock, groundwater, surface water, or air. This ESA did not address flood hazard, earthquake hazard, or regulatory compliance.

2.5 Special Terms and Conditions

This ESA report for the property located at 1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive and 113, 115 and 118 Hickory Lane, in Davis, California, is for the benefit of *Lincoln40* (User). The conclusions and recommendations reported are limited to the scope of services as outlined in ERC's Professional Service Agreement and ASTM Standard 1527-13. This report has no other purpose and may not be relied upon by any other person or entity without the consent of ERC and the Users. This reporting is considered stale dated if more than 12 months has passed since the date of the investigation.

2.6 Reliance

The information and opinions rendered in this report are exclusively for use and reliance by *Lincoln40*. ERCdiligence.com will not distribute or publish this report without the consent of *Lincoln40* except as required by law or court order. The information and opinions expressed in this report are given in response to a limited assignment by ERCdiligence.com and should be considered and implemented only in light of that assignment. The services provided by ERCdiligence.com in completing this project have been provided in a manner consistent with normal standards of the profession. No other warranty, expressed or implied, is made. This report shall not, in whole or in part, be used or relied upon by any other party without the written permission from ERCdiligence.com.

ERCDiligence.com warrants that the services, findings, and/or recommendations provided have been prepared, performed, and rendered in accordance with procedures, practices, and standards generally accepted and customary in the consultant's profession for use in similar assignments.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The addresses of the Site are 1111, 1165, 1185, 1223, 1231 and 1281 Olive Drive and 113, 115 and 118 Hickory Lane in Davis, California 95616. The Site is located in an urban area of Yolo County. According to the Yolo County Recorder, the assessor's parcel numbers of the Site are 070-280-010, 070-280-012, 070-280-013, 070-280-014, 070-280-015, 070-280-016, 070-280-017, 070-290-001, 070-290-002, 070-290-003 and 070-290-004. The legal description is included in the attachments.

3.2 Site and Vicinity General Characteristics

The Site is situated on an irregular shaped parcel of land comprised of approximately 6.0-acres accessible to the north from Olive Drive. The parcel of land is situated in an urban area of the southern portion of Davis consisting of a mixture of single and multi-family residential and local commercial type land use. The Amtrac rail line borders the Site's northern end.

3.3 Current Use of the Site

The Site parcels are developed with seven single-family residences and four apartment buildings and a few outbuildings and small landscaped yards. At the time of our site visit, the undeveloped parcels were covered with a dense growth of seasonal grasses and a few mature trees.

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

All of the residential buildings were built with wood frame construction with wood or an exterior stucco façade. The interior of the residences consists of painted gypsum drywall walls, and wood panel ceilings. Carpeting covers the majority of interior floors, with vinyl sheet flooring present in kitchens and bathrooms. It appears to be composite shingles that cover each of the building roofs.

The surface lots adequately accommodate tenant owned automobiles. No other significant structures or surface features were noted on the Site at the time of the reconnaissance.

3.5 Current Uses of the Adjoining Properties

Areas immediately adjacent to the south of the Site, beyond Olive Drive, include the following: a Public Storage (1230 Olive Drive) facility, with a multi-family complex (The Arbors, 1280 Olive Drive) beyond. Areas immediately adjacent to the west of the Property include the following: a multi-tenant commercial building (vacant, 1046 Olive Drive), with a commercial building (1042 Olive Drive), occupied by Blake's Heating Air Sheet Metal, with an In & Out fast food restaurant and a Shell Service Station beyond. To the north, across the Amtrac rail line is the Davis Amtrac Station and associated parking. There was no apparent current condition on these adjoining properties that would be considered evidence of a Recognized Environmental Condition (REC).

3.6 Site Inspection

The site was inspected was performed by Kathleen Buscher, Environmental Professional, on December 7, 2015. The weather was clear. The outside temperature was about 70 degrees Fahrenheit. Ms. Buscher was met by Sunny Gill, Managing Director of Lincoln40, who provided access and an explanation of Site operations. The site visit is explained in detail in Section 6.0.

4.0 USER PROVIDED INFORMATION

The ASTM-13 Standard states that the User relying on the report is responsible for providing some aspects of the All Appropriate Inquiry rule. The following were the responsibility of the User to provide, if available:

4.1 Title and Judicial Records

As an additional service, ERC provided the User with an option to request a 50-year chain-of-title. This service was not requested by the Client for this ESA. The User did provide a Preliminary Title Report.

4.2 Environmental Liens or Activity and Use Limitations

The User and current property owner have not reported the existence of environmental liens encumbering the Site.

ERC retained Nationwide Environmental Title Research (GEOSEARCH) to provide a list of Federal and State of California recorded Deed Restricted or Use and Activity Limitation sites. The Site was not included on the lists of regulatory driven Deed Restriction or Activity and Use Limitations.

4.4 Specialized Knowledge

The User informed ERC in the User Pre-Survey Questionnaire that they have no specialized knowledge, experience, or commonly known and reasonable ascertainable information within the local community concerning recognized environmental conditions at the Site.

The current property owner (Seller) has not reported any knowledge or experience regarding use of the Site, which may be material in identifying recognized environmental conditions.

4.5 Actual Knowledge

The User has expressed no actual knowledge beyond current conditions observed.

4.6 Valuation Reduction for Environmental Issues

At this time, no value reduction has been reported as compensation for environmental issues.

4.7 Owner, Property Manager, and Occupant Information

Sunny Gill, Managing Director, Lincoln40, 916.571.5300

4.8 Reason for Performing the Phase I

The purpose of this Phase I Environmental Site Assessment is to identify existing or potential recognized environmental conditions (as defined by ASTM Standard E-1527-13) in connection with use of the Site. We understand the results of our investigation will be used to evaluate conditions for a real estate transaction.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

Information from standard and supplemental Federal and State environmental record sources was provided through GeoSearch of Austin, Texas. A copy of GeoSearch's Radius Map Report is provided in the appendices. The regulatory review incorporates the Approximate Minimum Search Distances (AMSDs) as set forth by ASTM Standard E-1527-13. The scope of ERC's review is limited to review of the information provided in the database and does not include regulatory file review unless ERC's database review indicates the listed facility as a potential source of a recognized environmental condition (REC) at the Site.

ERC's review of this list and available information for the listed facilities has resulted in no evidence of potential on-Site or off-site RECs. Information available has been incorporated into their database discussion below. ERC's site reconnaissance includes adjoining properties in an attempt to verify the location of listed facilities in relation to the Site.

Regulatory information from the following database sources was reviewed and evaluated for potential impact to the Site:

Description	Site	Adjoining	<0.125 Mile	<0.25 Mile	<0.50 Mile	<1.0 Mile	Potential Impact to Site
Federal ASTM AMSD							
The National Priorities (Superfund) List (NPL) is the USEPA database of hazardous waste sites identified under the Superfund Program.	0	0	0	0	0	0	No NPL facilities are located within one mile of the Site
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 NPL and sites which are in the screening and assessment phase for possible inclusion on the NPL.	0	0	0	0	0	0	No CERCLIS facilities are located within a mile of the Site.
CERCLIS No Further Remedial Action Planned (NFRAP) archived sites are facilities that have been removed and archived from the inventory of CERCLIS list. Archived status indicates that assessment at a site has been completed.	0	0	0	0	0	---	No CERCLIS NFRAP facilities are located within one-half mile of the Site.

Description	Site	Adjoining	<0.125 Mile	<0.25 Mile	<0.50 Mile	<1.0 Mile	Potential Impact to Site
Federal ASTM AMSD							
The EPA Resource Conservation and Recovery Act (RCRA) Program records hazardous waste transport and the CORRACTS database includes treatment, storage and disposal (RCRA TSD) facilities/sites at which contamination has been discovered and where some level of corrective clean-up activity has been undertaken. For example, a site may have been on the RCRA TSD site list or the Federal RCRA Generator site list, and was placed on the CORRACTS list once contamination was discovered and remediation was underway.	0	0	0	0	0	---	No RCRA CORRACTS facilities are listed as within one-half of a mile of the Site.
RCRA info is EPA's comprehensive information system, providing access to data supporting 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 RCRA. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator, off-site to a facility licensed to recycle, treat, store, or dispose of the generated waste.	0	0	---	---	---	---	The Site and the adjoining properties are not listed RCRA Generator.
Emergency Response Notification System (ERNS) records and stores information on reported releases of oil and hazardous substances.	0	---	---	---	---	---	The Site is not a listed ERNS facility.
Hazardous Materials Incident Report System (HMIRS) contains hazardous material spill incidents reported to the Department of Transportation	0	---	---	---	---	---	The Site is not a listed HMIRS facility.
Engineering Controls Sites List (US ENG CONTROLS) is 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.	0	0	0	0	0	---	No US ENG CONTROLS facilities are located within one mile of the Site.
Institutional Controls Sites (US INST CONTROLS) is 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.	0	0	0	0	0	---	No US INST CONTROLS facilities are located within one mile of the Site.
Department of Defense (DOD) data set consists of federally owned or administered land that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.	0	0	0	0	---	---	No DOD facilities are located within one-quarter mile of the Site.

Description	Site	Adjoining	<0.125 Mile	<0.25 Mile	<0.50 Mile	<1.0 Mile	Potential Impact to Site
Federal ASTM AMSD							
Brownfields Sites (US BROWNFIELDS) list includes brownfields property addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the	0	0	0	0	0	---	No US Brownfields facilities are located within one-half mile of the Site.
Toxic Chemical Release Inventory System (TRIS) list. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.	0	---	---	---	---	---	The Site is not listed as a TRIS site.

Description	Site	Adjoining	<0.125 Mile	<0.25 Mile	<0.50 Mile	<1.0 Mile	Potential Impact to Site
STATE AND LOCAL DATABASES							
Waste Management Unit Database (SWF/LF) list is used by the State Water Resources Control Board staff for program tracking and inventory of waste management units. SWF is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, LF 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.	0	0	0	0	0	0	No SWF/LF facilities are located within one mile of the Site.

Description	Site	Adjoining	<0.125 Mile	<0.25 Mile	<0.50 Mile	<1.0 Mile	Potential Impact to Site
STATE AND LOCAL DATABASES							
Geotracker's Leaking Underground Fuel Tank Report (LUST) list contains an inventory of reported leaking underground storage tank incidents.	0	0	7	7	---	---	14 LUST facilities are listed as within one-quarter of a mile of the Site. Fifteen Cortese facilities are located within a one-mile radius of the Property. Of the 15 Cortese facilities, 10 are listed as "closed" requiring no further regulatory action. Two of the closest active facilities are discussed below. The remaining three remaining active facilities are located more than one-half mile from the Property and in the inferred cross to down gradient locations to the Property. Based upon the intervening distances and the anticipated direction of groundwater flow, no further investigation is warranted
<p>Shell Service Station, located at 1010 Olive Street is the closest active LUST facility to the Site. This facility is located approximately 250 feet southwest of the Site. Review of the database listing does not include any additional regulatory status information regarding this facility. However, on-site observations and review of topographic maps indicate that the gradient at this facility is southwesterly and away from the Site. Therefore, based upon the review of available information, the intervening distance between this facility and the Property and the anticipated direction of ground water flow, no additional investigation is warranted.</p>							
<p>Davis Truck, located at 1700 Olive Drive is also listed as an active Cortese site and is located approximately 1900 feet east of the Site. Review of the database listing does not include any additional regulatory status information regarding this facility. However, on-site observations and review of topographic maps indicate that the gradient at this facility flows in a southerly direction and away from the Site. No active cleanup or remediation activities were observed at the facility or in the nearby area. Therefore, based upon the review of available information, the intervening distance between this facility and the Property and the anticipated direction of ground water flow, no additional investigation is warranted.</p>							
<p>Amfork Invest. Ltd./Mr. Mrs. Wm Jacob, located at 504 L Street is also listed as an active Cortese site and is located approximately 2000 feet north of the Site. Review of the database listing does not include any additional regulatory status information regarding this facility. However, on-site observations and review of topographic maps indicate that the gradient at this facility flows in a southerly direction and away from the Property. No active cleanup or remediation activities were observed at the facility or in the nearby area. Therefore, based upon the review of available information, the intervening distance between this facility and the Property and the anticipated direction of ground water flow, no additional investigation is warranted.</p>							
Facility Inventory Database (CA FID UST) contains a historical listing of active and inactive UST locations from the State Water Resource Control Board. Refer to local/county source for current data.	0	0	---	---	---	---	The Site and adjoining properties are not listed CA FID UST facilities. The property (1055 Olive Drive) about 150 feet to the west of the Site is a listed Historic UST site. In 1986, one 900-gallon capacity waste oil UST and one 1,000-gallon capacity unleaded gasoline UST were removed from the Site. This adjacent property is not listed as a LUST site, and has received a "closed UST permit" from the Yolo County Environmental Health Department. Based on the regulatory status and lack of documentation as a LUST site, impact to the Site from this potential offsite source appears unlikely.

Description	Site	Adjoining	<0.125 Mile	<0.25 Mile	<0.50 Mile	<1.0 Mile	Potential Impact to Site
STATE AND LOCAL DATABASES							
Statewide Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.	0	0	0	0	---	---	No SLIC facilities are located within one-quarter mile of the Site.
Aboveground Petroleum Storage Tank Facilities (AST) list of registered aboveground storage tanks.	0	0	0	---	---	---	No AST facilities are listed within one-eighth mile.
Deed Restriction Listing Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction (DEED) 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 restrictions include deed notice, deed restriction, or a land use restriction that binds current and future owners.	0	0	0	0	0	---	No DEED facilities are located within one-half mile of the Site.
Voluntary Cleanup Program (VCP) list includes low threat level properties with either confirmed or unconfirmed releases and have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.	0	0	0	0	0	---	No VCP facilities are located within one-half mile of the Site.
EnviroStor Database (ENVIROSTOR). 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 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.	0	0	0	0	0	---	No ENVIROSTOR facilities are located within one mile of the Site.
Indian Reservations (INDIAN RESERV). This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.	0	0	0	0	0	0	No INDIAN RESERV facilities are located within one mile of the Site.

Description	Site	Adjoining	<0.125 Mile	<0.25 Mile	<0.50 Mile	<1.0 Mile	Potential Impact to Site
STATE AND LOCAL DATABASES							
Leaking Underground Storage Tanks on Indian Land (INDIAN LUST) list of leaking underground storage tank locations on Indian Land.	0	0	0	0	0	---	No INDIAN LUST facilities are located within one-half mile of the Site.
Underground Storage Tanks on Indian Land (INDIAN UST) list of underground storage tank locations on Indian Land.	0	0	0	0	---	---	No INDIAN UST facilities are located within one-quarter mile of the Site.

Flood Zone

A review of the Flood Insurance Rate Maps, published by the Federal Emergency Management Agency, was performed. According to Panel Number 06113C-0611G, dated March 3, 1989, the Site is located in Flood Zone X. Flood Zone X regions consist of areas outside of the 100-year flood plain requiring no insurance. The distance to the nearest 100-year flood plain is approximately one mile south of the Property. The confirmation of flood zone designation is required through City Planning prior to relying on this FEMA designation.

Oil Gas Exploration

No oil or gas exploration was observed on or adjacent to the Site. According to the State of California, Department of Conservation, Division of Oil, Gas and Geothermal Fields in California, dated 2001, no operating or abandoned oil or gas wells are on or adjacent to the Property.

Manufactured Gas Plants (MGPs)

Pacific Gas and Electric historical list of provides a review of the MGPs in California. No manufactured gas plants are listed within one-mile of the Site.

National Wetlands Inventory

The scope of work did not include wetlands delineation.

5.2 Additional Environmental Record Sources

No additional environmental record sources were reviewed.

5.3 Physical Setting Source(s)

The United States Geological Survey (USGS), Davis Quadrangle 7.5 minute series topographic map was reviewed for this ESA. This map was published by the USGS in 1952 and was photorevised in 1981. According to the contour lines on the topographic map, the Property is located at approximately 55 feet above mean sea level (MSL). The contour lines in the area of the Property indicate the area is sloping gently to the southwest.

Based on the soil survey maps published by the USDA Soil Conservation Service (1952), the Site is mapped as Yolo silt loam, which occurs on alluvial fans. The Yolo silt loam typically has a 41-inch thick surface layer of grayish-brown to brown to pale-brown silt loam underlain by a grayish brown silty clay loam, which extends to a depth of 65 inches or more. This soil is moderately permeable. Surface runoff

is very slow, and the erosion hazard is none to slight. The soil is slightly acid to mildly alkaline.

The Property is situated within the Sacramento Valley, of the Great Valley physiographic province of the State of California. Alluvial plains bound the north, west and south sides and the Sacramento Rivers binds the east side of the Sacramento Valley. The mid-depth geology in the immediate vicinity of the Property consists of Late Pleistocene alluvial fan deposits to a depth of approximately 170 feet below ground surface (bgs). These deposits consist of mostly silt and fine sand with some clays, coarse sands and gravels. The alluvial fan deposits are underlain by several thousand feet of Pliocene Formation, which is generally composed of stream deposits and continental sediments. The Property is located at approximately 45 feet above mean sea level.

According to the California Department of Water Resources, the Property is located in the Sacramento Valley Hydrologic Region. Near-surface groundwater is reported to be about 75 feet below the ground surface (bgs).

According to Mr. Richard Thompson of the Davis Water Department, potable water is produced from a shallow aquifer at the depth of about 200 feet bgs and a deeper aquifer at the depth of about 2000 feet bgs. Based on the topography of the Property and vicinity, and the Property's proximity to the Putah Creek (approximately $\frac{3}{4}$ of one mile south and southeast), groundwater is anticipated to flow to the southeast. No on-site water wells or springs were observed during the Property reconnaissance

5.4 Historical Use Information on the Site

ERC examined historical documents (aerial photographs, Fire Insurance Maps, Topographic Maps, Criss-Cross Directories), governmental databases, deed records (if available), governmental environmental files and conducted interviews with past and current property owners in an attempt to determine if recognized environmental conditions exist. Historic mapping sources were reviewed at the Yolo County Civic Center Library.

Historical Aerial Photographs

Historic aerial photographs for the years 1964, 1973, 1993, 2004 and 2010 were reviewed for this investigation.

Historical Fire Insurance Maps

Historical Fire Insurance maps were ordered through Geo-Search and no coverage was found.

Historical Criss+Cross Reverse Lookup Directories

ERC requested available Criss-Cross directories for the Site addresses from GeoSearch. Historic Criss-Cross directories dated 1970, 1976, 1981, 1986, 1991, 1996, 2000, 2005 and 2010 were available for review.

Historical Topographic Maps

ERC reviewed historical topographic maps at USGS for Davis, California, for the years 1954, 1963 and 1969.

Review of available historical sources show the Site as occupied with residences to as far back as 1907. A 1907 and 1913 Topographic Map of Davisville (now Davis), California, shows the parcels developed with one residence to the central north portion. Deeded easements for power utility lines along Olive Drive were granted in 1907 and 1923. The City of Davis advanced sewer to the properties in 1932 and 1957. Historical data indicates the majority of the structures were built between 1932 and 1969. No use, storage or generation of regulated quantities of petroleum hydrocarbons or hazardous materials has been identified during our historical research of the Site addresses.

5.5 Historical Use of Adjacent Properties

Based on our historical research sources, the Davis area had been rural and generally surrounded with dairies and horse ranches. Our research shows the surrounding addresses as occupied with residences to the south and southeast. To the east, the property has been historically occupied with the residences. To the north, a former residence is present that has been renovated for use as a bed and breakfast. Further north, the properties have been historically occupied with the railroad (now Amtrak) station and parking lots.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

A site reconnaissance was performed on December 7, 2015. Kathleen Buscher of ERC met Sunny Gill, Managing Director, Lincoln40. The Site reconnaissance consisted of an inspection of the Site structures and surrounding parking areas. The following observations were made during the site visit.

6.2 General Site Setting

Access to the Site is via driveways off Olive Drive to the south. All water is provided by the City of Davis. The Site is generally flat. Residential use dominates the surrounding properties with some local commercial type land use to the southeast and west.

6.3 Exterior Observations

The property is occupied with seven single-family residences and four apartment buildings. The Site structures appear to be of wood-framed construction with wood or stucco exteriors and a few with engineered concrete slab on grade foundations. The buildings are surrounded with decking and outdoor eating areas to the northern sides.

6.4 Interior Observations

Site structures are completed with tile, carpeting and gypsum wallboard covered walls with wood accents. No floor drains, sumps, or other conduits to the subsurface of the subject property were observed.

6.5 Utilities

Potable Water Purveyor	City of Davis
Solid Waste	Debris that appeared to be domestic and recycling is stored in garbage cans for individual residences.
Electricity and Natural Gas	Pacific Gas & Electric
Sewage Agency	City of Davis

6.6 Environmental Conditions and Considerations

Conditions observed: December 7, 2015	
Surface Drainage	Surface water is sheet flow to landscaping that bounds the western portions.
Wells	No evidence of domestic or irrigation wells were observed at the time of our site visit.
Surface Water	No surface water was observed at the time of our Site visit.
Dry Wells	No dry wells or evidence of improper discharge into the subsurface was observed at the time of our Site visit.
Distressed Vegetation	No distressed vegetation was observed.
Landfills	No evidence of landfill or stockpiles of soil were observed.
Odors	Olfactory evidence of environmental impairment was not noted at the time of our site visit.

6.7 Hazardous Material Use and Storage

	Present		Evidence of a REC		Comments or Recommended Actions
	YES	No	Yes	NO	
Underground Storage Tanks		X		N/A	
Aboveground Storage Tanks		X		N/A	
Hazardous Material Storage		X		N/A	
Hazardous Waste		X		N/A	
Hydraulic Hoists		X		N/A	
Drains and Sumps		X		N/A	
Polychlorinated Biphenyls		X		N/A	

7.0 INTERVIEWS

7.1 Interviews with Past and Present Owners

<i>Unavailable</i>	
--------------------	--

7.2 Interview with Key Site Manager

<i>Sunny Gill , Managing Director, Lincoln40</i>	Ms. Gill has been on the property for years and knows of no adverse environmental conditions. He said the owners have owned the Site since developed with residences. No changes have occurred.
--	---

7.3 Interviews with Operators and Occupants

<i>Not Applicable</i>	See above.
-----------------------	------------

7.4 Interviews with State and/or Local Government Officials

ERC contacted agencies that monitor, inspect and report compliance associated with the use, storage and generation of hazardous materials and wastes. The following documents the information obtained:

Contact Agency	Information Obtained
US EPA Region 9, 75 Hawthorne Drive, San Francisco, CA 95105	No files were found for the Site addresses.
State of California Regional Water Quality Control Board – San Francisco Bay Region, Central Valley Regional Water Quality Control Board	No files were found for the Site addresses.
Yolo County Environmental Health Department, Woodland, CA Contact Person: FOIA Request	No files were found for the Site addresses.
City of Davis Fire Department	No files were found for the Site addresses.

7.5 Interviews with Others

No additional interviews were conducted for this investigation.

8.0 FINDINGS

A cursory summary of our ESA findings is provided below. However, details are not included or fully developed in this section and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

On-Site

- The subject Site parcel had been occupied as residential as far back as 1932. Originally occupied with seven single-family residences and four multi-family structures. One single-family residence located to the eastern end of the Site had been razed prior to our Site visit. This parcel remains vacant. Additional structures include associated outbuildings, such as sheds and a garage, and access drives.
- ERC reviewed files for the Site addresses at the City of Davis Building Department (Building) and the Yolo County Environmental Health Department (County). No evidence or indication of the use or storage of regulated quantities of hazardous materials or petroleum products was identified. The County and Central Valley Regional Water Quality Control Board had no files for the Site addresses.

Off-Site

- No evidence of impact to shallow soil or shallow groundwater from an off-site source was identified during this investigation. The railroad tracks that bound the northern edge of the Site may have applied chemicals for wood preservation and herbicides to mitigate weeds. These chemicals are generally confined to the railroad right-of-way without significant migration to surrounding soils.

Based on the findings of this investigation, we have concluded that no evidence of a recognized environmental condition (REC), Historical REC or Controlled REC had been identified.

9.0 OPINION

In my professional opinion, the scope of this investigation has provided the buyer with identified recognized environmental conditions (RECs), if any, as outlined in the conclusions and recommendations of this report.

10.0 DATA GAPS

The historical use of the Site was research through the following sources:

- ✚ Aerial photographs dated 1964, 1973, 1993, 2004 and 2010.
- ✚ Topographic maps dated 1907, 1913, 1952, 1965 and 1970.
- ✚ Building Permits back to 2003.
- ✚ Fire Insurance Maps: No Coverage
- ✚ Criss-Cross Directories 1970, 1975, 1981, 1986, 1991, 1996, 2000, 2005 and 2010

An attempt was made to obtain readily available historical sources at appropriate time intervals back to at least 1940. Data gaps in our historic research range from 5 to 10 years between 1907 and 2008. When a significant (10 years or more) gap of time exists between two historic sources a reasonable effort had been made to obtain additional sources of information.

11.0 CONCLUSIONS

No further action is recommended.

12.0 DEVIATIONS AND LIMITATIONS

Environmental Research Consultants (ERC) warrants that the findings and conclusions contained herein were accomplished in accordance with American Society for Testing Materials (ASTM) Standards for ESAs for Commercial Real Estate (E-1527-13) and the All Appropriate Inquiry (AAI) regulations of the USEPA, 40 CFR Part 312 guides for conducting ESAs. These methodologies are representative of customary standard of practice for conducting a Phase 1 - Environmental Site Assessment of a property for the purpose of identifying Recognized Environmental Conditions (RECs).

There is a possibility that even with the comprehensive scope of work, there may exist on the Site RECs not identified during our investigation or which were not reasonably identifiable from the available information. ERC believes that the information obtained from our historic review and interviews concerning the Site are reliable. ERC does not warrant or guarantee that the information provided by these other sources is accurate. The scope of work of this is intended to produce comprehensive results that provide the client with information regarding existing and potential RECs at the Site.

This Phase 1 has been prepared for the purpose of acquiring environmental information that may assist in evaluating the Site for the presence of recognized environmental conditions requiring remedial action. This report has no other purpose and should not be relied upon by any other person or entity.

13.0 REFERENCES

The GeoSearch Database Radius Map Report, 1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive and 113, 115 and 118 Hickory Lane, Davis, California, dated August 11, 2016

GeoSearch GeoPlus Oil and Gas Report, 1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive and 113, 115 and 118 Hickory Lane, Davis, California, dated August 11, 2016.

GeoSearch GeoPlus Water Well Report, 1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive and 113, 115 and 118 Hickory Lane, Davis, California, dated August 11, 2016

Geosearch Fire Insurance Map Abstract

Additional Soil Vapor Investigation, Union Pacific Railroad, prepared by Antea Group, dated May 6, 2014

USDA, Natural Resource Conservation Services, Soil Survey for Yolo County, California

California Geology, by Deborah R. Harden, dated 1998, Prentice Hall, Inc.

Property file; Yolo County Building and Planning

ASTM Standard E-1527-13

14.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

This Phase I ESA has been performed in accordance with all appropriate inquiry (AAI) as outlined in ASTM E-1527-13, and the AAI regulations of the USEPA, 40 CFR Part 312. I, Kathleen Buscher, CA REA #3460, performed the site and area reconnaissance, municipal and regulatory file reviews and compiled historic information relative to the Site and surrounding properties. *“I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of this part.”*

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



Kathleen I. Buscher, CA REA 3460

Environmental Professional



Carol Speddy

Senior Geologist

Contract Associate

QA/QC

15.0 CONFLICT OF INTEREST STATEMENT

ERCdiligence.com's (ERC's) historical project list does not identify any previous work for High Bridge Properties. To date, we have done no investigations associated with 1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive and 113, 115 and 118 Hickory Lane in Davis, Yolo County, California, or adjoining properties.

I, Kathleen Buscher, Owner of ERC, have no financial interest in the Site or surrounding properties. I have no personal bias to any parties of the transaction(s) associated with our investigation.



Kathleen I. Buscher
Environmental Professional

Appendix A – Site Location Map

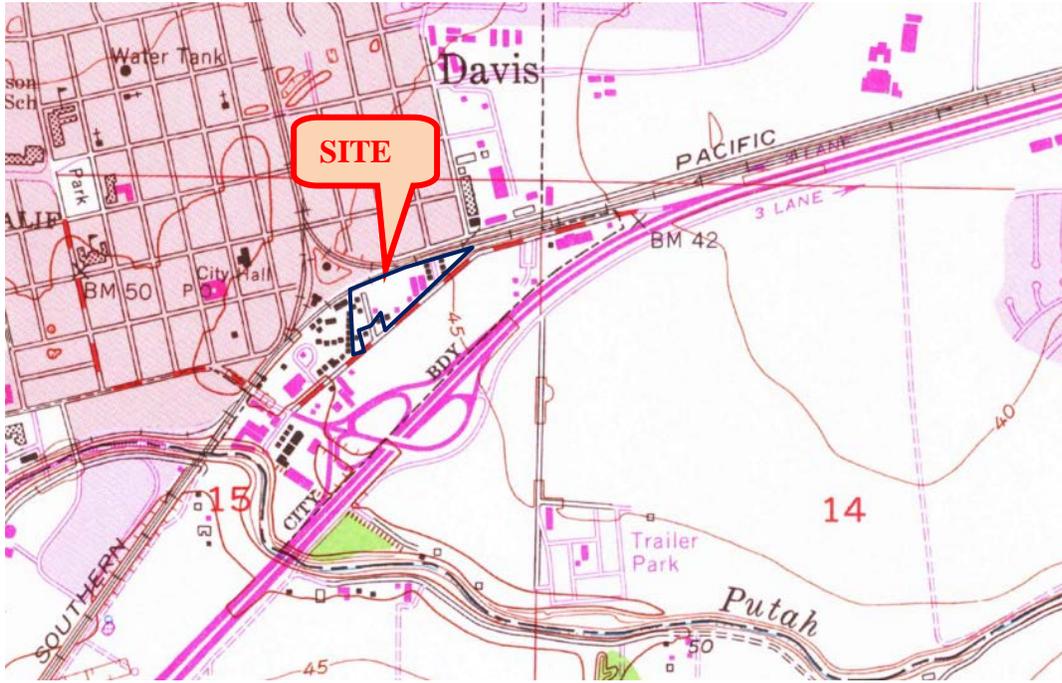


Site Vicinity
Map

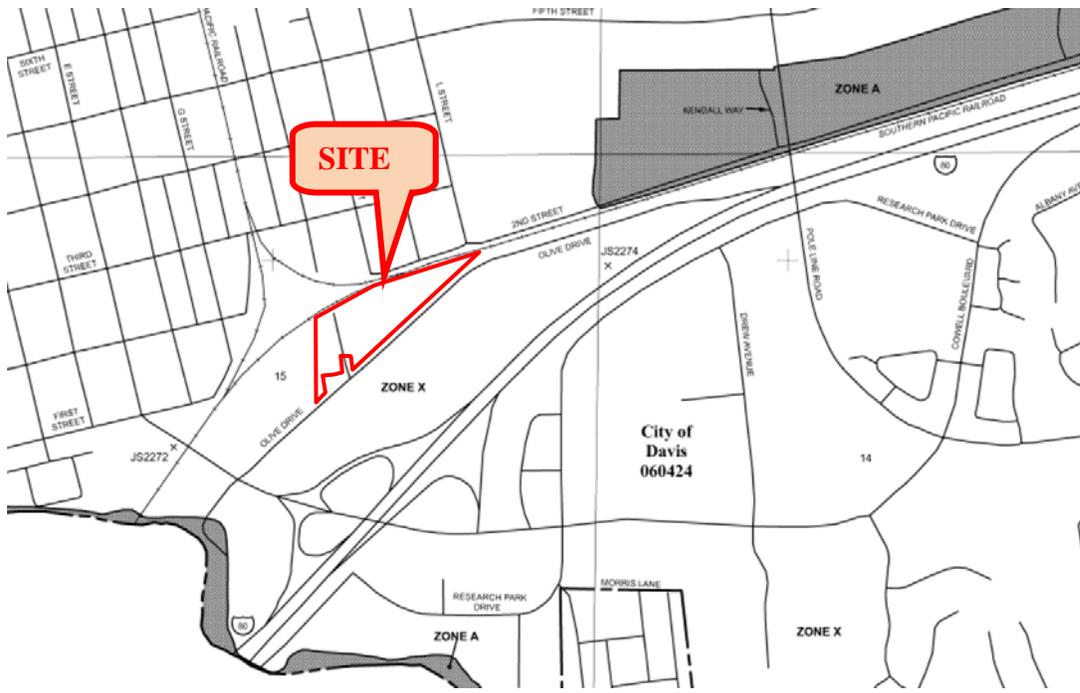
1111, 1165,
1185, 1223,
1225 and
1231 Olive
Drive and
113, 115 and
118 Hickory
Lane,
Davis, CA

Source:

NETR



Davis, CA
Quadrangle
7.5-Minute
Topographic
Map
1954, revised
1969



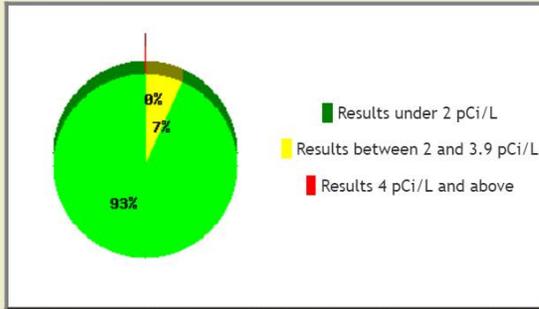
FEMA
FIRM

STATE RADON OFFICER

Willy Jenkins
(800) 745-7236
(916) 449-5674
Radon Program(Indoor Radon)
PO Box 997377
Sacramento CA, 95899

ABOUT RADON LEVELS
IN YOLO COUNTY

The following chart was generated from aggregate test data supplied by [Air Chek, Inc](#)



Site Menu

- [Local Information](#)
- [Radon Inspectors](#)
- [See other counties](#)
- [Nearby Counties](#)
- [Local Radon News](#)
- [Links & Resources](#)
- [Order Test Devices](#)
- [See other states](#)



State of California
Radon Survey
Results for
Yolo County,
CA

06113C0611G,
effective on
06/18/2010 depicts
the Site in Flood
Zone X

Appendix B – Site Plan



SITE PLAN

1111, 1165, 1185, 1223, 1225 and 1231 Olive Drive and 113, 115 and 118 Hickory Lane, Davis, California

Appendix C – Site Photographs



Residence at the southwestern portion, 113 Hickory Lane.



Central west portion of the Site.



View of the northwestern portion of the Site.



Central south portion of the Site.



Residence to the northwestern portion, 115 Hickory Lane.



Residence to the northwestern portion.



Barn next to 115 Hickory Lane and not safe to enter.



Hickory Lane that traverses from south to north through the western portion of the Site.



Residence, 1231 Olive Drive, at the southeastern portion of the Site.



Backyard of 1231 Olive Drive.



Undeveloped portions from southeastern portion looking northwest.



Undeveloped portions from southeastern portion looking southwest.



Kitchen of 1281 Olive Drive residence.



Bedroom of 1231 Olive Drive residence.



Living room of 1231 Olive Drive residence.



Kitchen of 1231 Olive Drive residence.



Kitchen of 118 Hickory Lane residence.



Restroom of 1281 Olive Drive.



Properties to the southeast.



Properties to the east.



Public Self-Storage facility to the south, across Olive Drive.



Multi-family residences south and southeast of the Site, across Olive Drive.

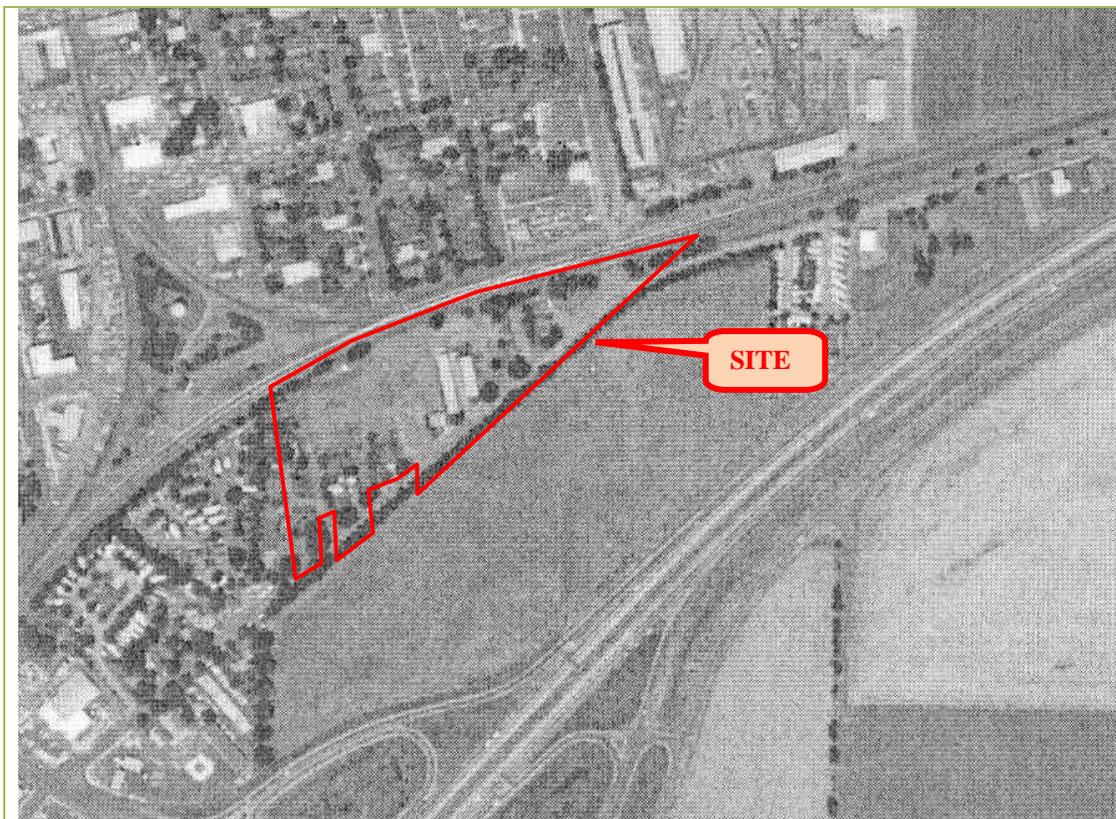


Offices to the south.



Barber shop to the southwest.

Appendix D - Historical Research Documentations



**Aerial
Photograph**

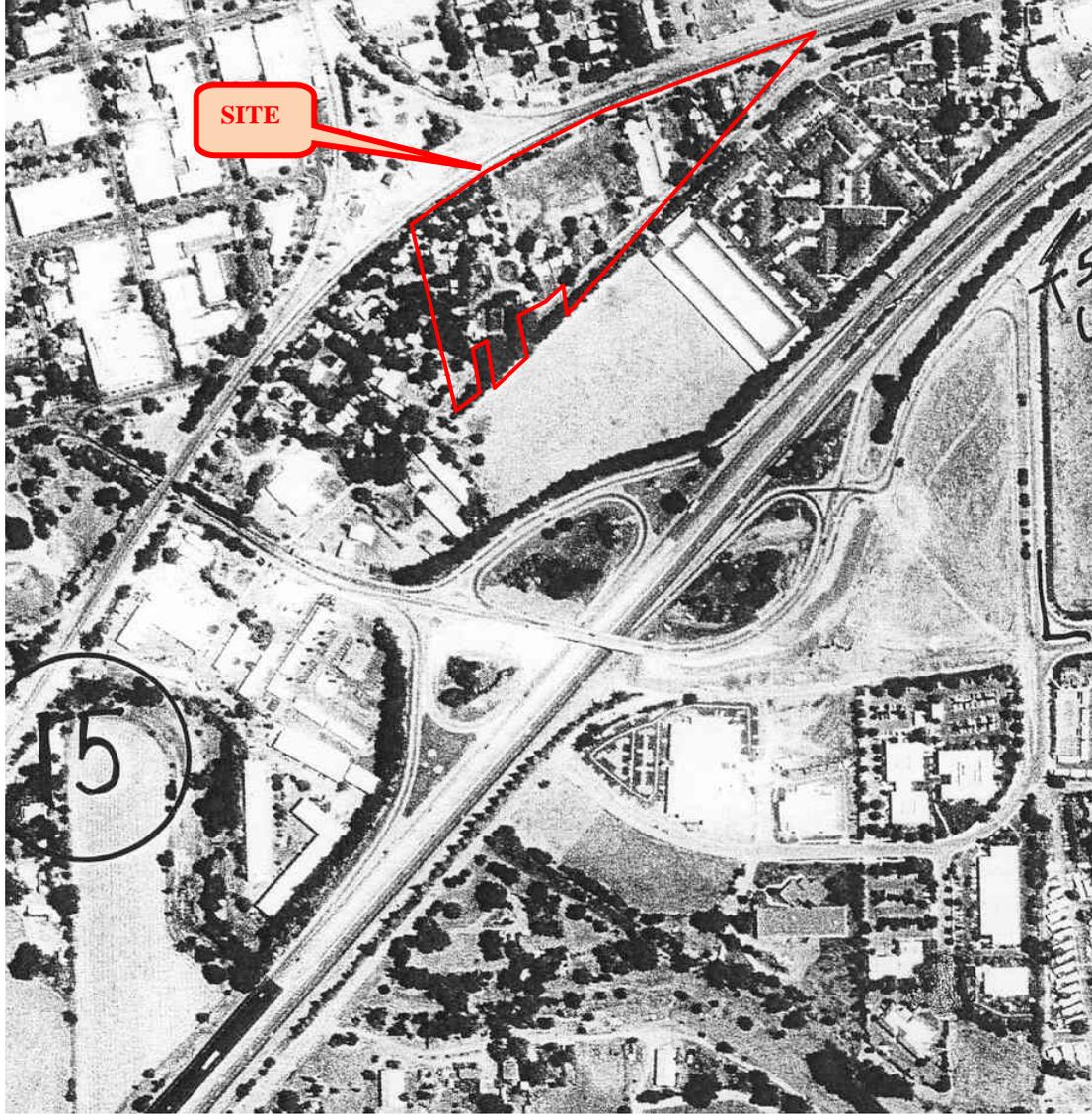
Date: 1968
Source: UC
Davis



**Aerial
Photograph**

Date: 1984

Source:
UC Davis



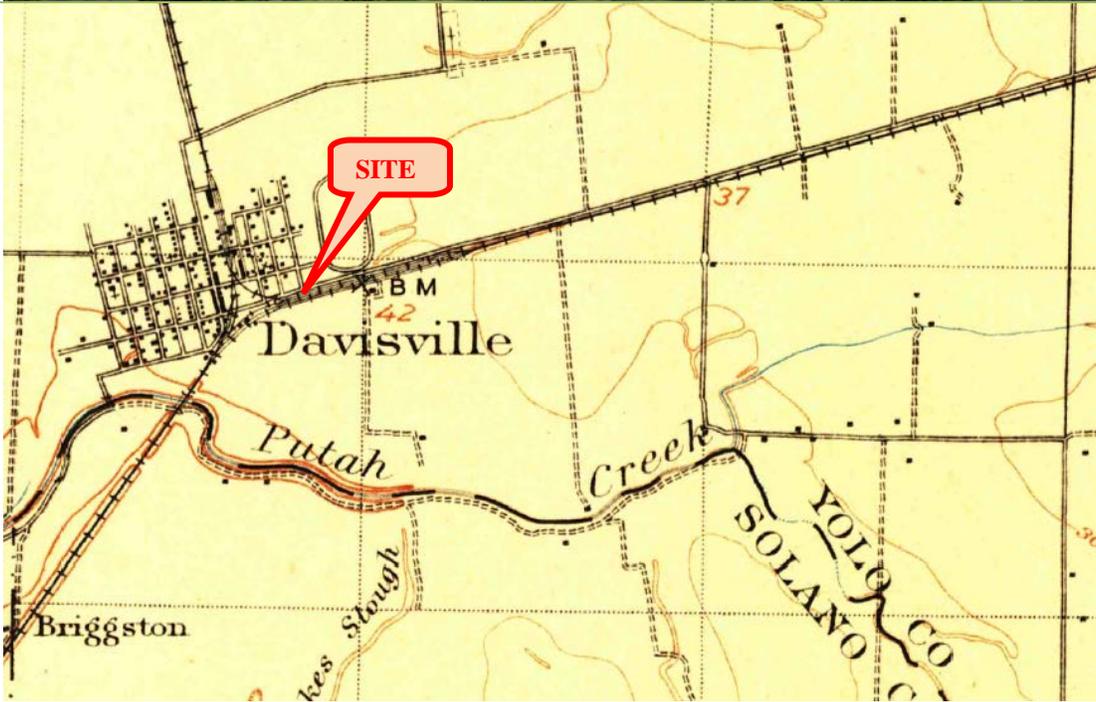
**Aerial
Photograph**

Date: 1993
Source:
UC Davis

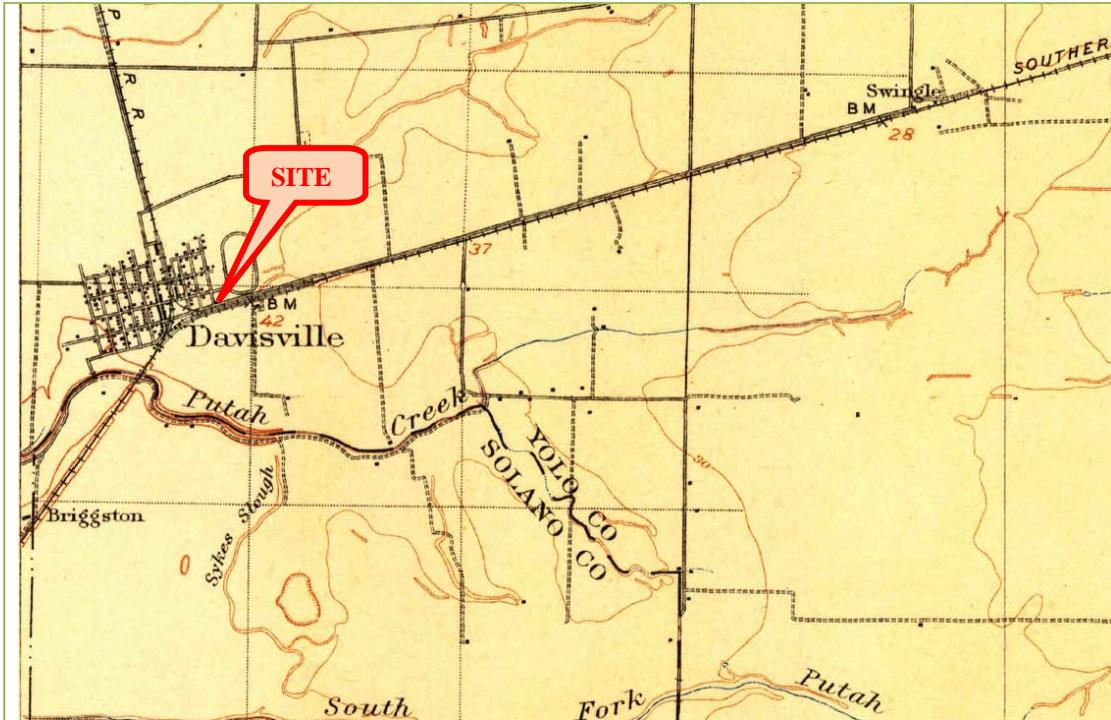


**Aerial
Photograph**

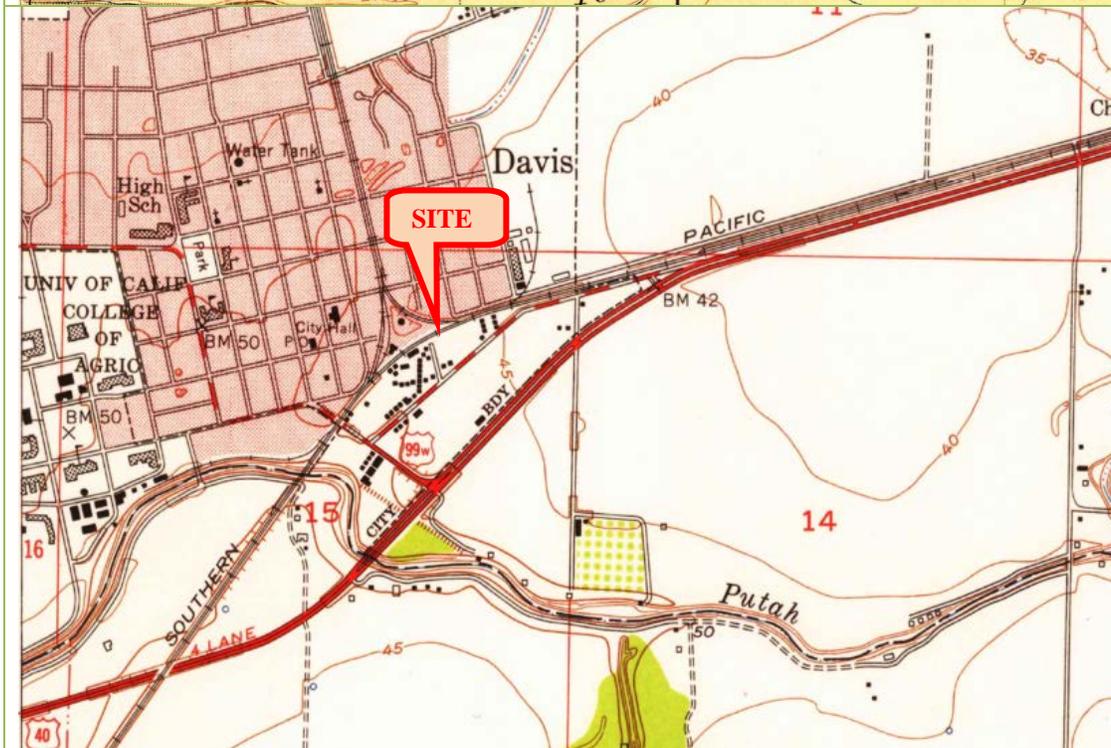
Date: 2012
Source:
USGS



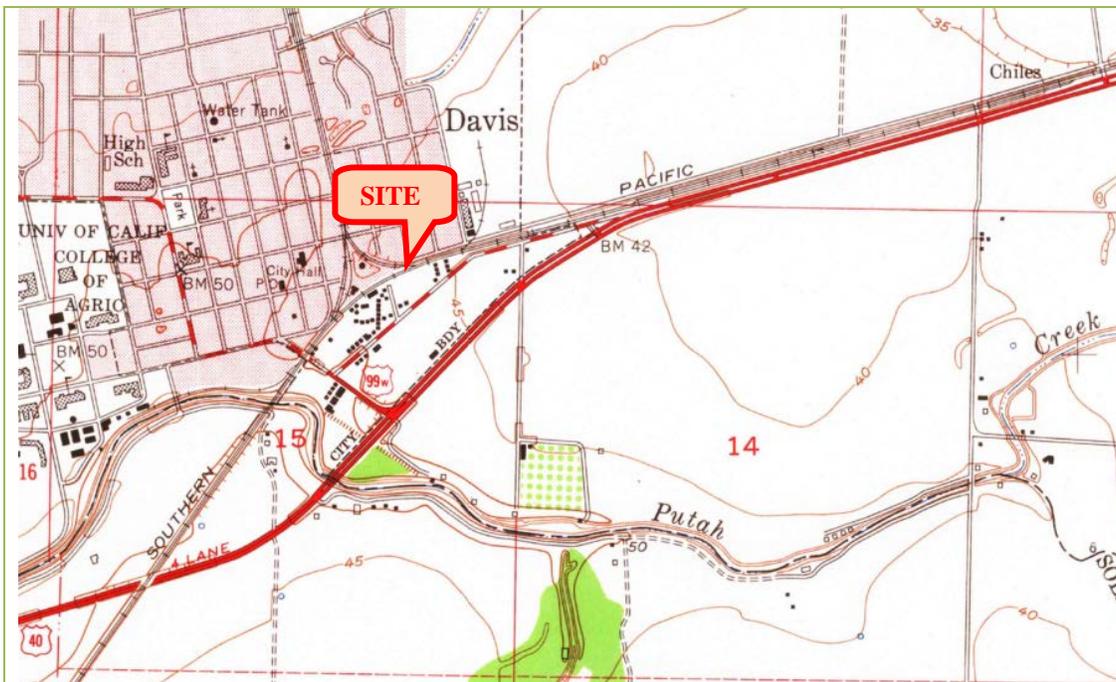
USGS 15-
minute
Topographic
Map
Davisville, CA
1907



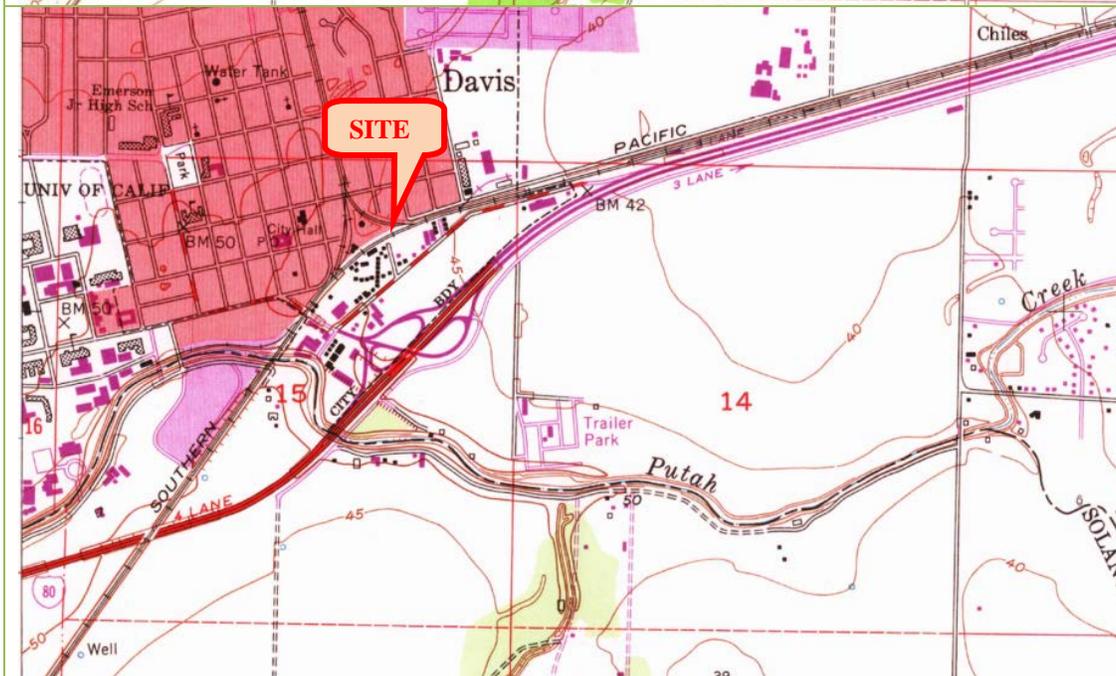
USGS 15-minute
Topographic
Map
Davisville, CA
1913



Davis, CA
Quadrangle
7.5-Minute
Topographic
Map
1952



Davis, CA
Quadrangle
7.5-Minute
Topographic
Map
1952, revised
1965



Davis, CA
Quadrangle
7.5-Minute
Topographic
Map
1965, revised
1970



Date: 05/06/15
GS Job Number: 49609
Company Name: ERC Diligence.com
Project Number: Davis Properties
Site Information: Davis Properties
1111 OLIVE DR, Yolo, DAVIS, California, 95616

The collections of fire insurance maps listed below were reviewed according to the site information supplied by client. Based on the information provided, no coverage is available.

Library of Congress
University Publications of America
Other Libraries (universities, state, local, etc.).

Disclaimer – The information in this report was obtained from a variety of public sources. GeoSearch cannot insure or makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customers interpretation of this report. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

City Directory Standard Report

Target Property:

*1111 Olive Dr,
Davis, CA 95616*

Prepared For:
ERC Diligence.com

Order #: 49609

Date: 5/7/2015

City Directory Standard Report

1111 Olive Dr, Davis, CA 95616

InfoUSA

South West	2015	Olive Dr	
		1047	Beck, Barbara
		1047	Randall, Coleman
		1055	Davis Auto Works
		1060	Atm
		1060	Olive Drive Market
		1075	Apartments
		1075	Cml Consulting
		1075	Good Karma Builders
		1075	Institute for Pub Science Art
		1075	Slatter's Court
		1080	Hallmark Properties
		1100	Lexington Apartments
		1111	Address Not Listed
		1123	Heron Technologies
		1123	Nguyen, Jennifer
		1123	Salazar, Robert
		1123	Tax Solutions Group
		1165	Mell, Joshua
		1185	Workman, D
		1220	Apartments
		1220	Cesar Chavez Plaza

Haines Directory

Sacramento West	2008	Olive Dr	
		1047	Randall, Barbara
		1055	J&J Auto Service
		1060	Olive Drive Market
		1063	No Current Listing
		1065	Olive Drive Barber Shop
		1075	Apartments (21 Tenants)
		1075	Good Karma Builders
		1075	Slatter's Court

City Directory Standard Report

1111 Olive Dr, Davis, CA 95616

1080	Hallmark Properties
1100	Apartments (16 Tenants)
1100	Lexington Apartments
1107	Hidden Treasures
1111	No Current Listing
1123	Davis JudoKai
1123	QED
1123	X [Hickory Ln Intersects]
1151	No Current Listing
1165	Mell, Joshua
1185	Workman, D
1225	Apartments (5 Tenants)

Haines Directory

Sacramento West 2005

Olive Dr

1047	Beck, Barbara
1060	Olive Drive Market
1063	No Current Listing
1065	Olive Drive Barber Shop
1075	Apartments (27 Tenants)
1075	Slatter's Court
1080	Hallmark Properties
1080	X [Hickory Lane Intersects]
1100	Apartments (36 Tenants)
1100	The Lexington Apartments
1111	Address Not Listed
1123	KC2D Entertainment Inc
1151	Jordan, Joyce
1225	Hamlin, Carrie J
1225	Petersen, Jeness C
1225	Reed, I

Haines Directory

Sacramento West 2000

Olive Dr

1047	Beck, Barbara
------	---------------

City Directory Standard Report

1111 Olive Dr, Davis, CA 95616

1055	J&J Auto Service
1055	Jacobs, Robert
1056	No Current Listing
1063	No Current Listing
1065	Olive Drive Barber Shop
1075	Apartments (27 Tenants)
1075	Slatters Court
1075	X [Hickory Lane Intersects]
1107	Davis Tattoo Co
1107	Tattoo Zoo
1111	Maggiolo, Joe
1123	Custom Website Creations
1123	Lincoln Highway Center
1123	Mullen James Construction
1151	Jordan, Joyce
1165	No Current Listing
1185	No Current Listing
1200	No Current Listing
1207	Wehr, Lisa
1207	Wehr, Michael

Haines Directory

Sacramento

1995

Olive Dr

1047	No Current Listing
1055	J&J Auto Service
1056	No Current Listing
1063	No Current Listing
1065	Olive Dr Barber Sh
1075	Davis Trailer Park
1075	RPS Painting
1075	Slatters Court
1107	Tattoo Zoo
1111	No Current Listing
1123	No Current Listing

City Directory Standard Report

1111 Olive Dr, Davis, CA 95616

1151	Jordan, Robert
1165	No Current Listing
1185	No Current Listing
1200	No Current Listing
1207	No Current Listing

Haines Directory

Sacramento

1991

Olive Dr

1047	No Current Listing
1055	J&J Auto Service
1056	No Current Listing
1063	No Current Listing
1065	Olive Dr Barber Shop
1075	Davis Trailer Park
1075	Slatters Court
1107	Park Billing Co Inc
1111	No Current Listing
1123	No Current Listing
1151	Jordan, Robert
1165	Handy, Arthur
1165	Handy, Chip
1165	Naska, Geneil
1165	Pond Limited The
1185	Callori, Fred
1200	McMillen, Mike
1207	No Current Listing

Haines Directory

Sacramento

1986

Olive Dr

1047	Beck, Barbara E
1055	J&J Auto Service
1056	No Current Listing
1063	No Current Listing
1065	Olive Dr Barber Sh
1075	Apartments

City Directory Standard Report

1111 Olive Dr, Davis, CA 95616

1075	Slatters Court
1075	Toad Hall
1107	Park Billing Co Inc
1111	No Current Listing
1123	Casa Hernadez
1151	No Current Listing
1165	No Current Listing
1185	Callori, Fred
1207	No Current Listing

Haines Directory

Sacramento

1981

Olive Dr

1047	Phillips, Tom
1055	J&J Auto Service
1056	No Current Listing
1063	Cavins, Bill
1063	Ganesh Fix It Shop
1063	Morgan, Bob
1065	Olive Dr Barber Sh
1075	Apartments
1075	Slaters Court
1107	Olive Dr Deli Lunch
1111	No Current Listing
1123	Casa Hernadez
1151	Andrews, Mimi
1151	Andrews, Robt E
1165	No Current Listing
1185	Callori, Fred
1207	Newmeyer, Ward

Haines Directory

Sacramento

1976

Olive Dr

1047	Phillips, Tom
1055	J&J Auto Service
1056	Gunther, Peter

City Directory Standard Report

1111 Olive Dr, Davis, CA 95616

1063	Cavins, Bill
1063	Ganesh Fix It Shop
1063	Morgan, Bob
1065	Olive Dr Barber Sh
1075	Apartments
1075	Slaters Court
1107	Olive Dr Mkt
1111	Trim, Rhonda
1123	Giuseppes
1151	Andrews, Mimi
1151	Andrews, Robt E
1165	No Current Listing
1185	Callori, Fred
1207	Thomas, Owen

Haines Directory

Sacramento

1970

Olive Dr

1047	Boyden, Jas T
1055	J&J Auto Service
1063	Dyers Refrigeration & Appliance
1065	Olive Dr Barber Sh
1107	Coleman, Shelby
1107	Olive Dr Mkt
1111	Address Not Listed
1123	Guseppes
1151	Andrews, Mimi
1151	Andrews, Robt E
1165	Broadhead, Glen
1185	Callori, Fred
1207	Davis, Mike

Olive Dr

No Coverage Available for Davis prior to 1970.

Comment:

City Directory Standard Report

Target Property:

*Hickory Ln,
Davis, CA 95616*

Prepared For:
ERC Diligence.com

Order #: 49609

Date: 5/7/2015

City Directory Standard Report

Hickory Ln, Davis, CA 95616

InfoUSA

South West

2015

Hickory Ln

118

118

118

Street Begins

Empire Landscaping

Gulcu, Ahmet

X [End of Listings]

InfoUSA

Pacific

2008

Hickory Ln

No Information Available for 2005

InfoUSA

Pacific

2005

Hickory Ln

113

113

Street Begins

Radionova, Olena

X [End of Listings]

Haines Directory

Sacramento West

2000

Hickory Ln

115

118

118

118

Street Begins

Gonsalves, Toby M

Battersby, Sarah

Maggiolo, Joe

X [End of Listings]

Haines Directory

Sacramento

1995

Hickory Ln

113

115

115

Street Begins

Hollern, Heather

No Current Listing

X [End of Listings]

Haines Directory

Sacramento

1991

Hickory Ln

113

Street Begins

No Current Listing

City Directory Standard Report

Hickory Ln, Davis, CA 95616

115	Dill, Douglas
118	No Current Listing
118	X [End of Listings]

Haines Directory

Sacramento 1986

Hickory Ln

	Street Begins
113	No Current Listing
115	Lee, Gary
118	McNeil, Tom
118	X [End of Listings]

Haines Directory

Sacramento 1981

Hickory Ln

	Street Begins
113	Jordan, Joyce
115	Lee, Gary
115	Lyberger, Lynda
118	Lasker, Sue
118	Nelligan, G
118	X [End of Listings]

Haines Directory

Sacramento 1976

Hickory Ln

	Street Begins
113	Jordan, Joyce
115	Mann, Edw
115	Rees, David W
118	No Current Listing
118	X [End of Listings]

Haines Directory

Sacramento 1970

Hickory Ln

	Street Begins
115	Gale, Laura A
115	Patten, Dehner

City Directory Standard Report

Hickory Ln, Davis, CA 95616

115	Seeger, Arthur
118	Rogers, Horace W
118	X [End of Listings]

Hickory Ln

No Coverage for Davis prior to 1970

Comment:

Appendix E – Radius Report



Radius Report

[Satellite view](#)

Target Property:

Lincoln40
1111 Olive Dr
Davis, Yolo County, California 95616

Prepared For:

ERC Diligence.com

Order #: 73449

Job #: 157752

Date: 08/11/2016

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<i>Zip Report</i>	See Attachment

Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR §312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR §312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

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Target Property Summary

Target Property Information

Lincoln40
1111 Olive Dr
Davis, California 95616

Coordinates

Point (-121.73563, 38.543583)
49 feet above sea level

USGS Quadrangle

Davis, CA

Geographic Coverage Information

County/Parish: Yolo (CA) , Solano (CA)

ZipCode(s):

Davis CA: 95616, 95618

Radon

* Target property is located in Radon Zone 3.

Zone 3 areas have a predicted average indoor radon screening level less than 2 pCi/L (picocuries per liter).

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSCA	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
NO LONGER REGULATED RCRA GENERATOR FACILITIES	NLRRCRAG	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR09	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR09	0	0	0.1250
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	1	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	2	0	0.5000
NATIONAL PRIORITIES LIST	NPL	1	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000
SUB-TOTAL		4	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
FACILITY REGISTRY SYSTEM	FRSCA	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR09	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR09	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR09	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		0	0	

Database Summary

STATE (CA) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
DTSC DEED RESTRICTIONS	DTSCDR	0	0	TP/AP
ABOVE GROUND STORAGE TANKS	ABST	0	0	0.2500
HISTORICAL UNDERGROUND STORAGE TANKS	HISTUST	5	0	0.2500
STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM	SWEEPS	0	0	0.2500
SUTTER COUNTY ABOVEGROUND STORAGE TANKS	SCAST	0	0	0.2500
UNDERGROUND STORAGE TANKS	USTCUPA	2	0	0.2500
CALSITES DATABASE	CALSITES	4	0	0.5000
GEOTRACKER CLEANUP SITES	CLEANUPSITES	22	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	LUST	14	0	0.5000
SOLID WASTE INFORMATION SYSTEM SITES	SWIS	2	0	0.5000
VOLUNTARY CLEANUP PROGRAM	VCP	1	0	0.5000
ENVIROSTOR CLEANUP SITES	ENVIROSTOR	3	0	1.0000
ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES	ENVIROSTORPCA	0	0	1.0000
SUB-TOTAL		53	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT SYSTEM	CHMIRS	0	0	TP/AP
CLANDESTINE DRUG LABS	CDL	0	0	TP/AP
EMISSIONS INVENTORY DATA	EMI	0	0	TP/AP
HAZARDOUS WASTE TANNER SUMMARY	HWTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM FACILITIES	NPDES	0	0	TP/AP
RECORDED ENVIRONMENTAL CLEANUP LIENS	LIENS	0	0	TP/AP
CALIFORNIA MEDICAL WASTE MANAGEMENT PROGRAM FACILITY LIST	MWMP	0	0	0.2500
DTSC REGISTERED HAZARDOUS WASTE TRANSPORTERS	DTSCHWT	0	0	0.2500
DRY CLEANER FACILITIES	CLEANER	0	0	0.2500
SPILLS, LEAKS, INVESTIGATION & CLEANUP RECOVERY LISTING	SLIC	9	0	0.2500
CORTESE LIST	CORTESE	12	0	0.5000
EXPEDITED REMOVAL ACTION PROGRAM SITES	ERAP	0	0	0.5000
LISTING OF CERTIFIED PROCESSORS	PROC	0	0	0.5000

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
NO FURTHER ACTION DETERMINATION	NFA	0	0	0.5000
RECYCLING CENTERS	SWRCY	0	0	0.5000
REFERRED TO ANOTHER LOCAL OR STATE AGENCY	REF	3	0	0.5000
SCHOOL PROPERTY EVALUATIONS	SCH	0	0	0.5000
SITES NEEDING FURTHER EVALUATION	NFE	0	0	0.5000
WASTE MANAGEMENT UNIT DATABASE	WMUDS	1	0	0.5000
TOXIC PITS CLEANUP ACT SITES	TOXPITS	0	0	1.0000
SUB-TOTAL		25	0	

Database Summary

LOCAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
SUTTER COUNTY UNDERGROUND STORAGE TANKS	SCUST	0	0	0.2500
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
DEL NORTE COUNTY CUPA	DNCCUPA	0	0	0.5000
IMPERIAL COUNTY CUPA	ICCUPA	0	0	0.5000
MADERA COUNTY CUPA	MCCUPA	0	0	0.5000
MERCED COUNTY CUPA	MERCEDCUPA	0	0	0.5000
SUB-TOTAL		0	0	

Database Summary

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR09	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR09	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000

SUB-TOTAL		0	0	
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Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000

SUB-TOTAL		0	0	
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TOTAL		82	0	
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Database Radius Summary

FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	0.0200	0	NS	NS	NS	NS	NS	0
ERNSCA	0.0200	0	NS	NS	NS	NS	NS	0
FRSCA	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR09	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
LUCIS	0.0200	0	NS	NS	NS	NS	NS	0
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES09	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR09	0.0200	0	NS	NS	NS	NS	NS	0
RCRASC	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
NLRRCRAG	0.1250	0	0	NS	NS	NS	NS	0
RCRAGR09	0.1250	0	0	NS	NS	NS	NS	0
RCRANGR09	0.1250	0	0	NS	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
BF	0.5000	0	0	0	0	NS	NS	0
DNPL	0.5000	0	0	0	0	NS	NS	0
NLRRCRAT	0.5000	0	0	0	0	NS	NS	0
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	0.5000	0	0	0	0	NS	NS	0
SEMS	0.5000	0	0	0	1	NS	NS	1
SEMSARCH	0.5000	0	0	0	2	NS	NS	2
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	1.0000	0	0	0	0	0	NS	0
NPL	1.0000	0	0	0	1	0	NS	1

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
PNPL	1.0000	0	0	0	0	0	NS	0
RCRAC	1.0000	0	0	0	0	0	NS	0
RCRASUBC	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	4	0	0	4

Database Radius Summary

STATE (CA) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
CDL	0.0200	0	NS	NS	NS	NS	NS	0
CHMIRS	0.0200	0	NS	NS	NS	NS	NS	0
DTSCDR	0.0200	0	NS	NS	NS	NS	NS	0
EMI	0.0200	0	NS	NS	NS	NS	NS	0
HWTS	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES	0.0200	0	NS	NS	NS	NS	NS	0
ABST	0.2500	0	0	0	NS	NS	NS	0
CLEANER	0.2500	0	0	0	NS	NS	NS	0
DTSCHWT	0.2500	0	0	0	NS	NS	NS	0
HISTUST	0.2500	0	0	5	NS	NS	NS	5
MWMP	0.2500	0	0	0	NS	NS	NS	0
SCAST	0.2500	0	0	0	NS	NS	NS	0
SLIC	0.2500	0	2	7	NS	NS	NS	9
SWEEPS	0.2500	0	0	0	NS	NS	NS	0
USTCUPA	0.2500	0	0	2	NS	NS	NS	2
CALSITES	0.5000	0	0	0	4	NS	NS	4
CLEANUPSITES	0.5000	0	1	8	13	NS	NS	22
CORTESE	0.5000	0	0	2	10	NS	NS	12
ERAP	0.5000	0	0	0	0	NS	NS	0
LUST	0.5000	0	0	3	11	NS	NS	14
NFA	0.5000	0	0	0	0	NS	NS	0
NFE	0.5000	0	0	0	0	NS	NS	0
PROC	0.5000	0	0	0	0	NS	NS	0
REF	0.5000	0	0	0	3	NS	NS	3
SCH	0.5000	0	0	0	0	NS	NS	0
SWIS	0.5000	0	0	0	2	NS	NS	2
SWRCY	0.5000	0	0	0	0	NS	NS	0
VCP	0.5000	0	0	0	1	NS	NS	1
WMUDS	0.5000	0	0	0	1	NS	NS	1
ENVIROSTOR	1.0000	0	0	0	3	0	NS	3
ENVIROSTORPCA	1.0000	0	0	0	0	0	NS	0
TOXPITS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	3	27	48	0	0	78

Database Radius Summary

LOCAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SCUST	0.2500	0	0	0	NS	NS	NS	0
<i>DNCCUPA</i>	<i>0.5000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>NS</i>	<i>NS</i>	<i>0</i>
<i>ICCUPA</i>	<i>0.5000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>NS</i>	<i>NS</i>	<i>0</i>
<i>MCCUPA</i>	<i>0.5000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>NS</i>	<i>NS</i>	<i>0</i>
<i>MERCEDCUPA</i>	<i>0.5000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>NS</i>	<i>NS</i>	<i>0</i>
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

TRIBAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR09	0.2500	0	0	0	NS	NS	NS	0
LUSTR09	0.5000	0	0	0	0	NS	NS	0
ODINDIAN	0.5000	0	0	0	0	NS	NS	0
INDIANRES	1.0000	0	0	0	0	0	NS	0

SUB-TOTAL		0	0	0	0	0	0	0
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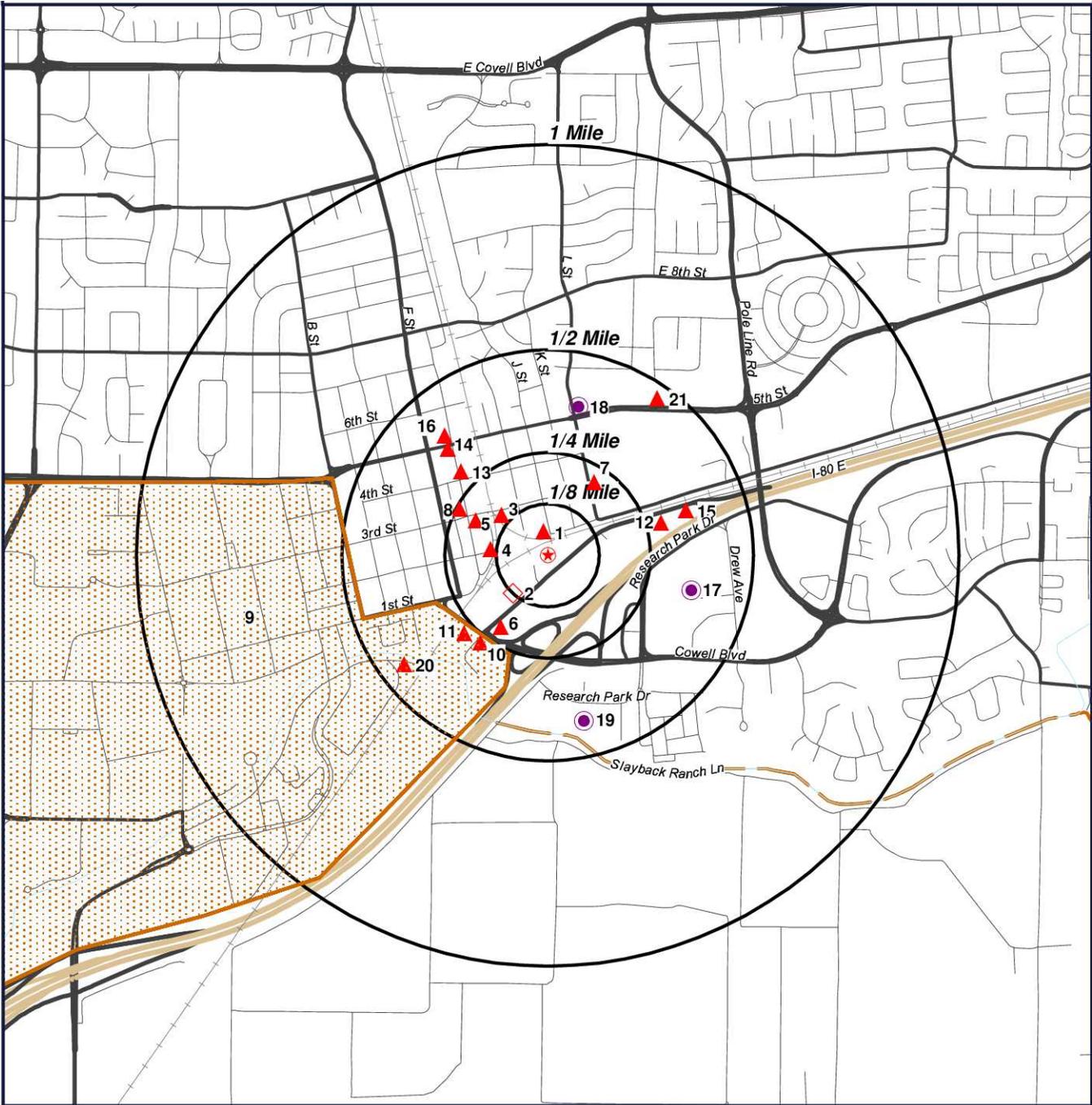
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NOTES:

NS = NOT SEARCHED

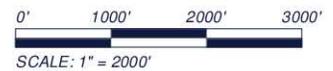
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1



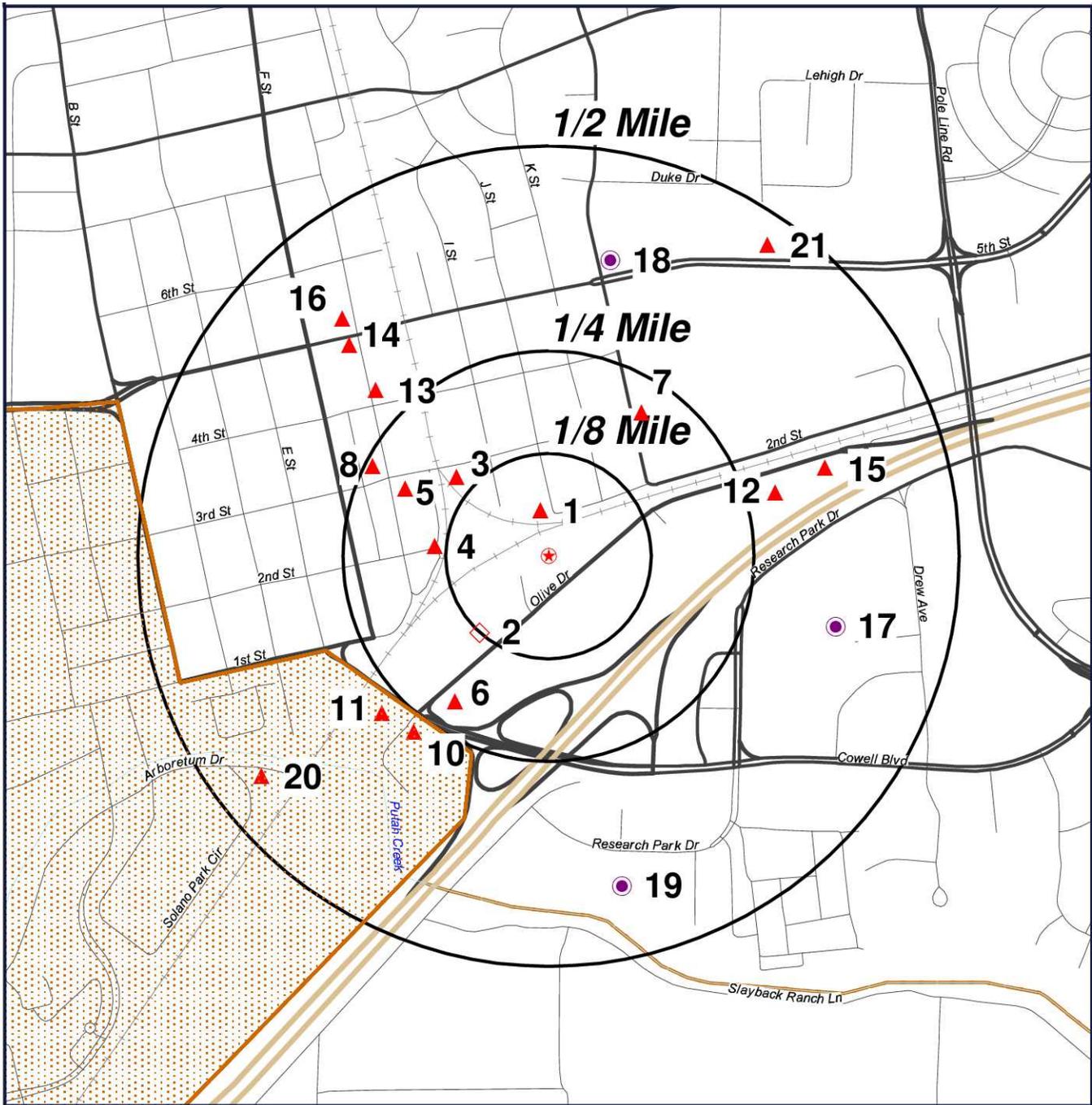
- Target Property (TP)
- CLEANUPSITES
- HISTUST
- SLIC
- CLEANUPSITES
- ENVIROSTOR
- CALSITES
- REF
- SWIS
- WMUDS
- NPL
- SEMS
- SEMSARCH
- CALSITES

Lincoln40
1111 Olive Dr
Davis, California
95616



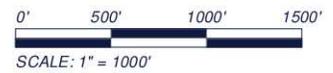
[Click here to access Satellite view](#)

Radius Map 2



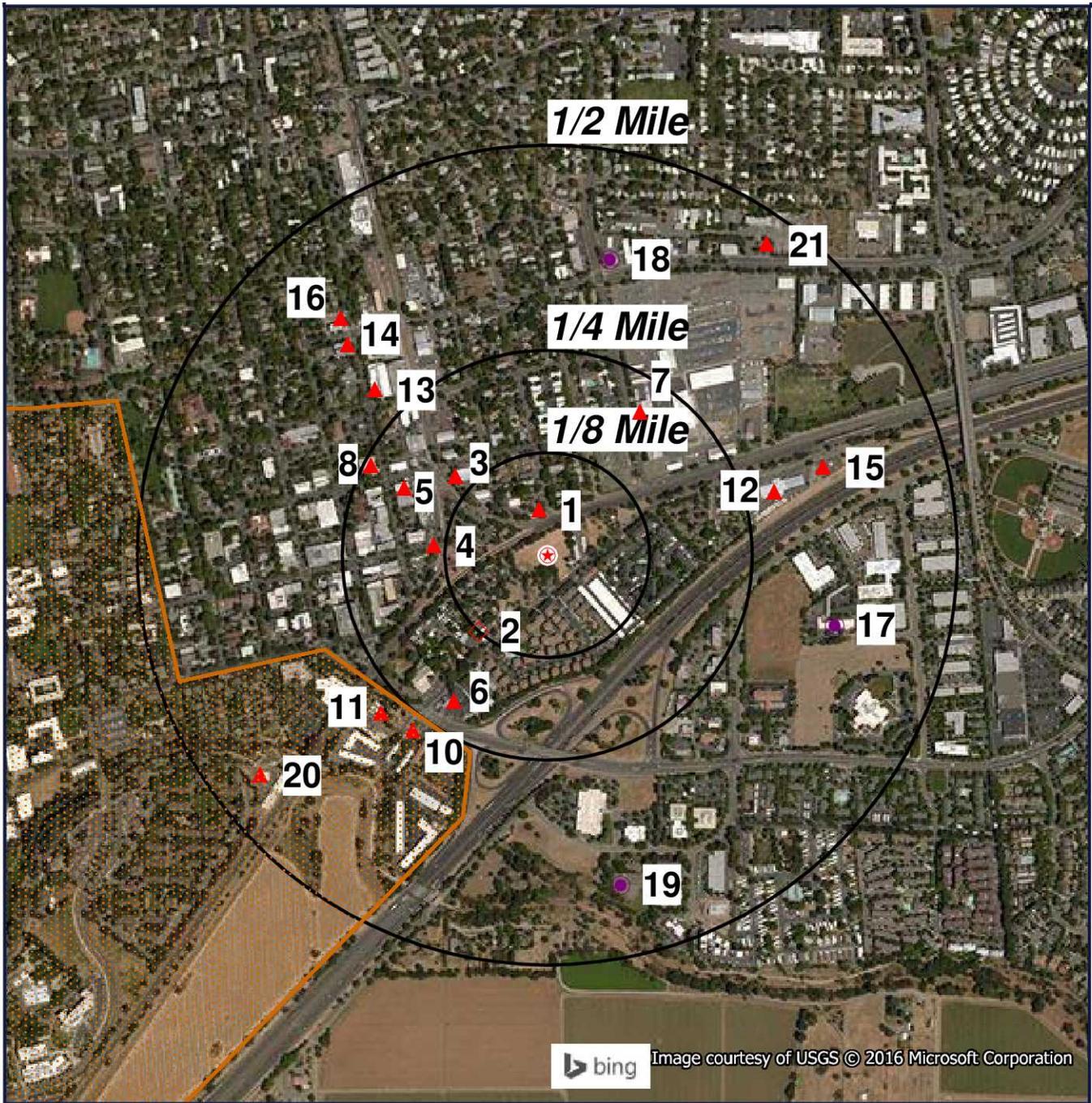
- Target Property (TP)
- CLEANUPSITES
- HISTUST
- SLIC
- CLEANUPSITES
- ENVIROSTOR
- CALSITES
- REF
- SWIS
- WMUDS
- NPL
- SEMS
- SEMSARCH
- CALSITES

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Davis, California
95616



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Ortho Map



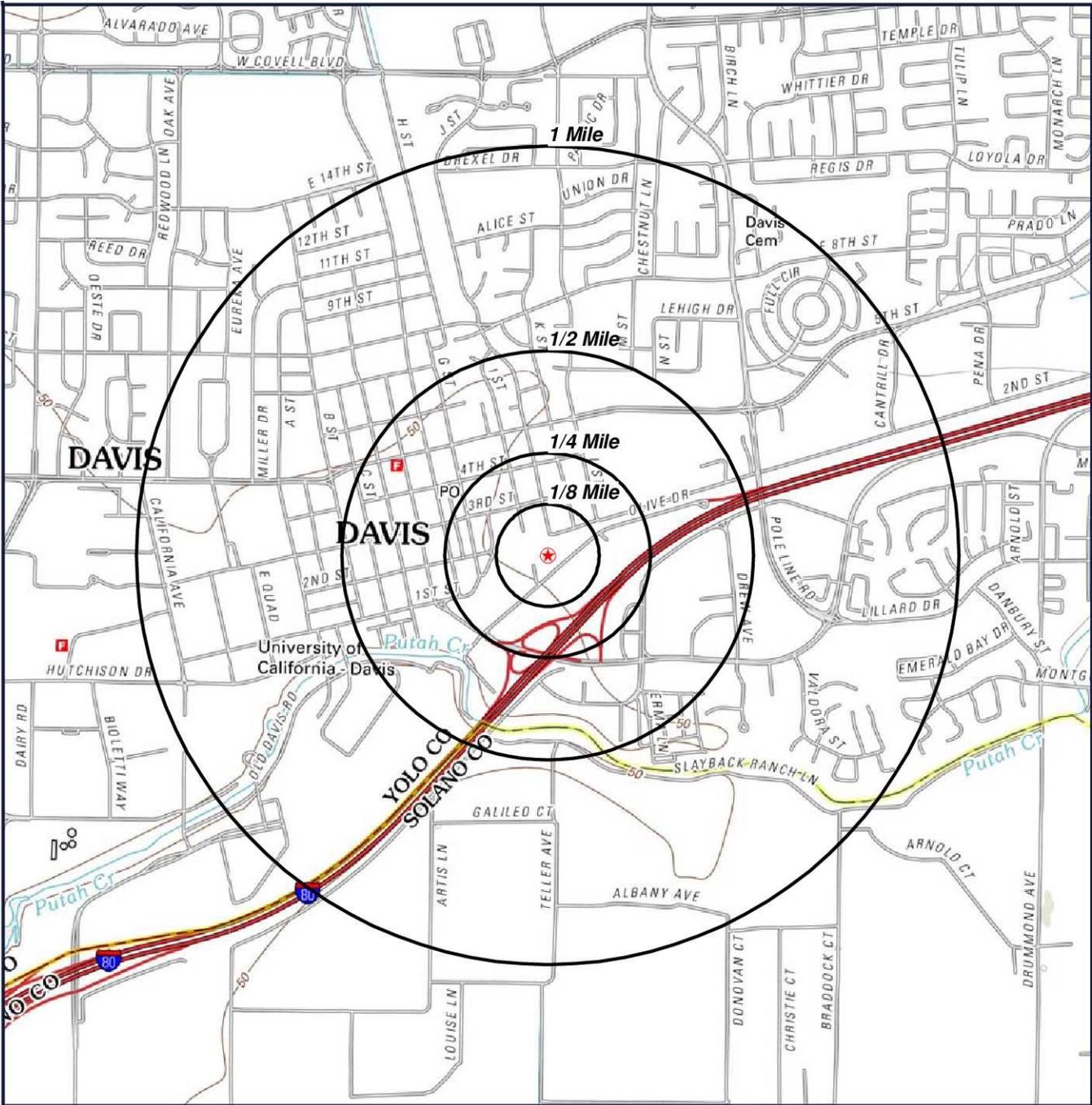
- Target Property (TP)
- CLEANUPSITES
- HISTUST
- SLIC
- CLEANUPSITES
- ENVIROSTOR
- CALSITES
- REF
- SWIS
- WMUDS
- NPL
- SEMS
- SEMSARCH
- CALSITES

**Quadrangle(s): Davis
Lincoln40
1111 Olive Dr
Davis, California
95616**



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Topographic Map



★ Target Property (TP)

Quadrangle(s): Davis
Source: USGS, 03/08/2012
Lincoln40
1111 Olive Dr
Davis, California
95616



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

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Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
1	SLIC	SL611392524	Lower (48 ft.)	0.054 mi. N (285 ft.)	203 J ST	203 J ST, DAVIS, CA 95616	24
1	SLIC	SL161013797	Lower (48 ft.)	0.054 mi. N (285 ft.)	203 J STREET	203 J STREET, DAVIS, CA 95616	25
1	CLEANUPSITES	SL161013797	Lower (48 ft.)	0.054 mi. N (285 ft.)	203 J STREET	203 J STREET, DAVIS, CA	26
2	HISTUST	0002D362	Higher (52 ft.)	0.126 mi. SW (665 ft.)	J AND J AUTO SERVICE	1055 OLIVE DR, DAVIS, CA 95616	27
3	CLEANUPSITES	SL185822944	Equal (49 ft.)	0.13 mi. NW (686 ft.)	I STREET DEVELOPMENT CO.	920 3RD ST, DAVIS, CA	29
3	CLEANUPSITES	T0611300226	Equal (49 ft.)	0.145 mi. NW (766 ft.)	CABLE CAR WASH	904 3RD ST, DAVIS, CA 95616	31
3	CORTESE	570280	Equal (49 ft.)	0.145 mi. NW (766 ft.)	CABLE CAR WASH	904 3RD, DAVIS, CA 95814	36
3	HISTUST	0002D31B	Equal (49 ft.)	0.145 mi. NW (766 ft.)	CABLE CAR WASH	904 THIRD STREET, DAVIS, CA 95616	37
3	LUST	T0611300226	Equal (49 ft.)	0.145 mi. NW (766 ft.)	CABLE CAR WASH	904 3RD ST, DAVIS, CA 95616	39
3	SLIC	SL0611311586	Equal (49 ft.)	0.145 mi. NW (766 ft.)	CABLE CAR WASH	904 3RD STREET, DAVIS, CA 95616	41
3	SLIC	SL185822944	Equal (49 ft.)	0.13 mi. NW (686 ft.)	I STREET DEVELOPMENT CO.	920 3RD ST, DAVIS, CA 95616	42
3	CLEANUPSITES	SL0611311586	Equal (49 ft.)	0.145 mi. NW (766 ft.)	CABLE CAR WASH	DAVIS, CA 95616	43
4	SLIC	5-SLIC -550	Equal (49 ft.)	0.139 mi. W (734 ft.)	UNION PACIFIC RAILROAD AMTRAK TRAIN DEPOT (FORMERLY SOUTHERN	2ND AND H STREETS, DAVIS, CA	44
4	SLIC	SL185452916	Equal (49 ft.)	0.139 mi. W (734 ft.)	UNION PACIFIC RAILROAD - DAVIS AMTRAK STATION	G STREET, DAVIS, CA 95616	45
4	CLEANUPSITES	SL185452916	Equal (49 ft.)	0.139 mi. W (734 ft.)	UNION PACIFIC RAILROAD - DAVIS AMTRAK STATION	N/A G STREET, DAVIS, CA	46
5	CLEANUPSITES	SL185832945	Higher (52 ft.)	0.203 mi. NW (1072 ft.)	DAVIS ENTERPRISE	302 G STREET, DAVIS, CA	48
5	CORTESE	570125	Higher (52 ft.)	0.191 mi. NW (1008 ft.)	DAVIS LUMBER	240 G, DAVIS, CA 95691	50
5	HISTUST	0002D2C0	Higher (52 ft.)	0.191 mi. NW (1008 ft.)	DAVIS LUMBR AND HARDWARE	240 G STREET, DAVIS, CA 95616	51
5	LUST	T0611300093	Higher (52 ft.)	0.191 mi. NW (1008 ft.)	DAVIS LUMBER	240 G ST, DAVIS, CA 95616	54
5	SLIC	SL185832945	Higher (52 ft.)	0.203 mi. NW (1072 ft.)	DAVIS ENTERPRISE	302 G STREET, DAVIS, CA 95616	56
5	CLEANUPSITES	T0611300093	Higher (52 ft.)	0.191 mi. NW (1008 ft.)	DAVIS LUMBER	240 G ST, DAVIS, CA 95616	57
6	HISTUST	0002D451	Higher (53 ft.)	0.212 mi. SW (1119 ft.)	UNIVERSITY SHELL	1010 OLIVE DRIVE, DAVIS, CA 95616	58
6	LUST	T0611318306	Higher (53 ft.)	0.212 mi. SW (1119 ft.)	SHELL SERVICE STATION	1010 OLIVE DRIVE, DAVIS, CA 95616	61

Located Sites Summary

6	USTCUPA	15928	Higher (53 ft.)	0.201 mi. SW (1061 ft.)	SHELL - UNIVERSITY #135231	1010 OLIVE DR, DAVIS, CA 95616	63
6	CLEANUPSITE S	T0611318306	Higher (53 ft.)	0.212 mi. SW (1119 ft.)	SHELL SERVICE STATION	1010 OLIVE DRIVE, DAVIS, CA 95616	64
7	HISTUST	0002D3EE	Lower (46 ft.)	0.206 mi. NE (1088 ft.)	GENERAL CONSTRUCTION SERVICE C	316 L STREET, DAVIS, CA 95616	68
7	SLIC	SL0611326294	Lower (46 ft.)	0.206 mi. NE (1088 ft.)	PG&E DAVIS SERVICE CENTER	316 L STREET, DAVIS, CA 95616	70
7	USTCUPA	3288888280	Lower (46 ft.)	0.206 mi. NE (1088 ft.)	PG&E - DAVIS	316 L ST, DAVIS, CA 95616	71
7	CLEANUPSITE S	SL0611326294	Lower (46 ft.)	0.206 mi. NE (1088 ft.)	PG&E DAVIS SERVICE CENTER	316 L STREET, DAVIS, CA 95616	72
8	SLIC	5-SLIC -183	Higher (53 ft.)	0.24 mi. NW (1267 ft.)	DAVIS ENTERPRISE	301 G STREET, DAVIS, CA	74
9	CLEANUPSITE S	SLT5S5883517	Higher (56 ft.)	0.26 mi. S (1373 ft.)	UNIVERSITY OF CALIFORNIA DAVIS	DAVIS, CA 95616	75
9	ENVIROSTOR	57890001	Higher (56 ft.)	0.26 mi. S (1373 ft.)	CA UNIV/DAVIS - USDA WEED CONTROL LAB	UNIVERSITY OF CALIFORNIA, DAVIS, DAVIS, CA 95616	76
9	CALSITES	57890001	Higher (56 ft.)	0.26 mi. S (1373 ft.)	CA UNIV/DAVIS - USDA WEED CONTROL LAB	UNIVERSITY OF CALIFORNIA, DAVIS, DAVIS, CA 95616	77
9	REF	000057890001	Higher (56 ft.)	0.26 mi. S (1373 ft.)	CA UNIV/DAVIS - USDA WEED CONTROL LAB	UNIVERSITY OF CALIFORNIA, DAVIS, DAVIS, CA 95616	78
9	SWIS	48-AA- 0092SWIS	Higher (56 ft.)	0.26 mi. S (1373 ft.)	BIOGAS ENERGY PROJECT	ONE SHIELD AVE., UC DAVIS, CA 95616	79
9	SWIS	57-AA- 0036SWIS	Higher (56 ft.)	0.26 mi. S (1373 ft.)	UNIVERSITY OF CALIFORNIA, DAVIS	ONE SHIELDS DRIVE, DAVIS, CA 95616	80
9	WMUDS	5A480300N01	Higher (56 ft.)	0.26 mi. S (1373 ft.)	LEHR	OLD DAVIS RD, UC DAVIS, DAVIS, CA 95616	81
9	NPL	CA2890190000	Higher (56 ft.)	0.26 mi. S (1373 ft.)	LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH/OLD CAMPUS LAN	OLD DAVIS RD, DAVIS, CA 95616	82
9	SEMS	CA2890190000	Higher (56 ft.)	0.26 mi. S (1373 ft.)	LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH/OLD CAMPUS LAN	OLD DAVIS RD, DAVIS, CA 95616	93
9	SEMSARCH	CA3120090573	Higher (56 ft.)	0.26 mi. S (1373 ft.)	AQUATIC WEED CONTROL RESEARCH LABORATORY	UNIVERSITY OF CA, BOTANY DEPARTMENT, DAVIS, CA 95616	104
9	CLEANUPSITE S	SL0611355741	Higher (56 ft.)	0.26 mi. S (1373 ft.)	UC DAVIS PRIMATE CENTER	1 SHIELDS AVENUE, DAVIS, CA 95616	105
10	CORTESE	570045	Higher (54 ft.)	0.271 mi. SW (1431 ft.)	CHEVRON #9-5631	980 OLIVE, DAVIS, CA 95616	107
10	LUST	T0611300030	Higher (54 ft.)	0.271 mi. SW (1431 ft.)	CHEVRON #9-5631	980 OLIVE DR, DAVIS, CA 95616	108
10	CLEANUPSITE S	T0611300030	Higher (54 ft.)	0.271 mi. SW (1431 ft.)	CHEVRON #9-5631	980 OLIVE DR, DAVIS, CA 95616	110
11	CORTESE	570232	Higher (54 ft.)	0.281 mi. SW (1484 ft.)	DAVIS HONDA YAMAHA	975 OLIVE, DAVIS, CA 95616	111

Located Sites Summary

11	LUST	T0611300180	Higher (54 ft.)	0.281 mi. SW (1484 ft.)	DAVIS HONDA YAMAHA	975 OLIVE DR, DAVIS, CA 95616	112
11	CLEANUPSITES	T0611300180	Higher (54 ft.)	0.281 mi. SW (1484 ft.)	DAVIS HONDA YAMAHA	975 OLIVE DR, DAVIS, CA 95616	114
12	CORTESE	5A572021N01	Lower (46 ft.)	0.287 mi. E (1515 ft.)	TIMPERLEY PROPERTY	1700 OLIVE, DAVIS, CA 95616	115
12	CORTESE	570077	Lower (46 ft.)	0.287 mi. E (1515 ft.)	TIMPERLEY PROPERTY	1700 OLIVE, DAVIS, CA 95616	116
12	LUST	T0611300050	Lower (46 ft.)	0.287 mi. E (1515 ft.)	TIMPERLEY PROPERTY	1700 OLIVE DR, DAVIS, CA 95616	117
12	CLEANUPSITES	T0611300050	Lower (46 ft.)	0.287 mi. E (1515 ft.)	TIMPERLEY PROPERTY	1700 OLIVE DR, DAVIS, CA 95616	119
13	CORTESE	570251	Higher (53 ft.)	0.29 mi. NW (1531 ft.)	FORMER SS	408 G, DAVIS, CA 95616	123
13	LUST	T0611300198	Higher (53 ft.)	0.29 mi. NW (1531 ft.)	FORMER SS	408 G ST, DAVIS, CA 95616	124
13	CLEANUPSITES	T0611300198	Higher (53 ft.)	0.29 mi. NW (1531 ft.)	FORMER SS	408 G ST, DAVIS, CA 95616	126
14	CLEANUPSITES	SL0611328818	Higher (52 ft.)	0.357 mi. NW (1885 ft.)	DAVIS CENTER PROJECT	5TH & G STREETS, DAVIS, CA	127
14	LUST	T0611307549	Higher (52 ft.)	0.352 mi. NW (1859 ft.)	SHELL SERVICE STATION	435 G STREET, DAVIS, CA 95616	128
14	CLEANUPSITES	T0611307549	Higher (52 ft.)	0.352 mi. NW (1859 ft.)	SHELL SERVICE STATION	435 G STREET, DAVIS, CA 95616	130
15	CORTESE	570041	Lower (44 ft.)	0.353 mi. E (1864 ft.)	ARCO (FORMER)	1800 OLIVE, DAVIS, CA 95616	132
15	LUST	T0611300027	Lower (44 ft.)	0.353 mi. E (1864 ft.)	ARCO (FORMER)	1800 OLIVE DR, DAVIS, CA 95616	133
15	CLEANUPSITES	T0611300027	Lower (44 ft.)	0.353 mi. E (1864 ft.)	ARCO (FORMER)	1800 OLIVE DR, DAVIS, CA 95616	135
16	CORTESE	570233	Higher (52 ft.)	0.382 mi. NW (2017 ft.)	UNOCAL #4846	501 G, DAVIS, CA 95616	136
16	LUST	T0611300181	Higher (52 ft.)	0.382 mi. NW (2017 ft.)	76 BROADWAY (AKA) UNOCAL #4846	501 G ST, DAVIS, CA 95616	137
16	LUST	T0611393678	Higher (52 ft.)	0.382 mi. NW (2017 ft.)	UNOCAL #4946	501 G ST, DAVIS, CA 95616	139
16	CLEANUPSITES	T0611300181	Higher (52 ft.)	0.382 mi. NW (2017 ft.)	76 BROADWAY (AKA) UNOCAL #4846	501 G ST, DAVIS, CA 95616	141
17	VCP	57820001	Lower (46 ft.)	0.361 mi. E (1906 ft.)	FAMILIESFIRST - SCHOOL COMPLEX	1909 GALILEO COURT, DAVIS, CA 95616	144
17	CALSITES	57820001	Lower (46 ft.)	0.361 mi. E (1906 ft.)	FAMILIESFIRST - SCHOOL COMPLEX	1909 GALILEO COURT, DAVIS, CA 95616	145
18	CORTESE	57550001	Lower (47 ft.)	0.368 mi. N (1943 ft.)	GAS'N' SAVE	504 L, DAVIS, CA 95616	146
18	ENVIROSTOR	57550001	Lower (47 ft.)	0.367 mi. N (1938 ft.)	GAS'N'SAVE	504 L STREET, DAVIS, CA 95616	147
18	CALSITES	57550001	Lower (47 ft.)	0.368 mi. N (1943 ft.)	GAS'N'SAVE	504 L STREET, DAVIS, CA 95616	148
18	LUST	T0611300001	Lower (47 ft.)	0.368 mi. N (1943 ft.)	GAS N SAVE (ARMOUR OIL)	504 L ST & 5TH ST, DAVIS, CA 95616	150
18	REF	000057550001	Lower (47 ft.)	0.367 mi. N (1938 ft.)	GAS'N'SAVE	504 L STREET, DAVIS, CA 95616	152

Located Sites Summary

18	CLEANUPSITE S	T0611300001	Lower (47 ft.)	0.368 mi. N (1943 ft.)	GAS N SAVE (ARMOUR OIL)	504 L ST & 5TH ST, DAVIS, CA 95616	155
19	CALSITES	57370008	Higher (53 ft.)	0.413 mi. S (2181 ft.)	MOLLER CORPORATION	1222 RESEARCH PARK DRIVE, DAVIS, CA 95616	158
19	REF	000057370008	Higher (53 ft.)	0.413 mi. S (2181 ft.)	MOLLER CORPORATION	1222 RESEARCH PARK DRIVE, DAVIS, CA 95616	159
19	SEMSARCH	CAN000908627	Higher (53 ft.)	0.413 mi. S (2181 ft.)	MOLLER CORPORATION	1222 RESEARCH PARK DRIVE, DAVIS, CA 95616	160
19	ENVIROSTOR	57370008	Higher (53 ft.)	0.413 mi. S (2181 ft.)	MOLLER CORPORATION	1222 RESEARCH PARK DRIVE, DAVIS, CA 95618	161
20	CORTESE	570219	Higher (55 ft.)	0.442 mi. SW (2334 ft.)	MADDING A/C & HEATING CO	17 ARBORETUM, DAVIS, CA 95616	162
20	LUST	T0611300169	Higher (55 ft.)	0.442 mi. SW (2334 ft.)	MADDING A/C & HEATING CO	17 ARBORETUM DR, DAVIS, CA 95616	163
20	CLEANUPSITE S	T0611300169	Higher (55 ft.)	0.442 mi. SW (2334 ft.)	MADDING A/C & HEATING CO	17 ARBORETUM DR, DAVIS, CA 95616	165
21	CORTESE	570121	Lower (44 ft.)	0.462 mi. NE (2439 ft.)	DAVIS CITY CORP YARD	1717 5TH, DAVIS, CA 95616	166
21	LUST	T0611300089	Lower (44 ft.)	0.462 mi. NE (2439 ft.)	DAVIS CITY CORP YARD	1717 5TH ST, DAVIS, CA 95616	167
21	CLEANUPSITE S	T0611300089	Lower (44 ft.)	0.462 mi. NE (2439 ft.)	DAVIS CITY CORP YARD	1717 5TH ST, DAVIS, CA 95616	169

Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

Target Property Elevation: 49 ft.

NOTE: Standard environmental records are displayed in **bold**.

EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
2	HISTUST	52 ft.	J AND J AUTO SERVICE	1055 OLIVE DR, DAVIS, CA 95616	27
3	CLEANUPSITES	49 ft.	I STREET DEVELOPMENT CO.	920 3RD ST, DAVIS, CA	29
3	CLEANUPSITES	49 ft.	CABLE CAR WASH	904 3RD ST, DAVIS, CA 95616	31
3	CORTESE	49 ft.	CABLE CAR WASH	904 3RD, DAVIS, CA 95814	36
3	HISTUST	49 ft.	CABLE CAR WASH	904 THIRD STREET, DAVIS, CA 95616	37
3	LUST	49 ft.	CABLE CAR WASH	904 3RD ST, DAVIS, CA 95616	39
3	SLIC	49 ft.	CABLE CAR WASH	904 3RD STREET, DAVIS, CA 95616	41
3	SLIC	49 ft.	I STREET DEVELOPMENT CO.	920 3RD ST, DAVIS, CA 95616	42
3	CLEANUPSITES	49 ft.	CABLE CAR WASH	DAVIS, CA 95616	43
4	SLIC	49 ft.	UNION PACIFIC RAILROAD AMTRAK TRAIN DEPOT (FORMERLY SOUTHERN)	2ND AND H STREETS, DAVIS, CA	44
4	SLIC	49 ft.	UNION PACIFIC RAILROAD - DAVIS AMTRAK STATION	G STREET, DAVIS, CA 95616	45
4	CLEANUPSITES	49 ft.	UNION PACIFIC RAILROAD - DAVIS AMTRAK STATION	N/A G STREET, DAVIS, CA	46
5	CLEANUPSITES	52 ft.	DAVIS ENTERPRISE	302 G STREET, DAVIS, CA	48
5	CORTESE	52 ft.	DAVIS LUMBER	240 G, DAVIS, CA 95691	50
5	HISTUST	52 ft.	DAVIS LUMBR AND HARDWARE	240 G STREET, DAVIS, CA 95616	51
5	LUST	52 ft.	DAVIS LUMBER	240 G ST, DAVIS, CA 95616	54
5	SLIC	52 ft.	DAVIS ENTERPRISE	302 G STREET, DAVIS, CA 95616	56
5	CLEANUPSITES	52 ft.	DAVIS LUMBER	240 G ST, DAVIS, CA 95616	57
6	HISTUST	53 ft.	UNIVERSITY SHELL	1010 OLIVE DRIVE, DAVIS, CA 95616	58
6	LUST	53 ft.	SHELL SERVICE STATION	1010 OLIVE DRIVE, DAVIS, CA 95616	61
6	USTCUPA	53 ft.	SHELL - UNIVERSITY #135231	1010 OLIVE DR, DAVIS, CA 95616	63
6	CLEANUPSITES	53 ft.	SHELL SERVICE STATION	1010 OLIVE DRIVE, DAVIS, CA 95616	64
8	SLIC	53 ft.	DAVIS ENTERPRISE	301 G STREET, DAVIS, CA	74
9	CLEANUPSITES	56 ft.	UNIVERSITY OF CALIFORNIA DAVIS	DAVIS, CA 95616	75
9	ENVIROSTOR	56 ft.	CA UNIV/DAVIS - USDA WEED CONTROL LAB	UNIVERSITY OF CALIFORNIA, DAVIS, DAVIS, CA 95616	76
9	CALSITES	56 ft.	CA UNIV/DAVIS - USDA WEED CONTROL LAB	UNIVERSITY OF CALIFORNIA, DAVIS, DAVIS, CA 95616	77
9	REF	56 ft.	CA UNIV/DAVIS - USDA WEED CONTROL LAB	UNIVERSITY OF CALIFORNIA, DAVIS, DAVIS, CA 95616	78
9	SWIS	56 ft.	BIOGAS ENERGY PROJECT	ONE SHIELD AVE., UC DAVIS, CA 95616	79
9	SWIS	56 ft.	UNIVERSITY OF CALIFORNIA, DAVIS	ONE SHIELDS DRIVE, DAVIS, CA 95616	80
9	WMUDS	56 ft.	LEHR	OLD DAVIS RD, UC DAVIS, DAVIS, CA 95616	81

Elevation Summary

9	<i>NPL</i>	56 ft.	LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH/OLD CAMPUS LAN	OLD DAVIS RD, DAVIS, CA 95616	82
9	<i>SEMS</i>	56 ft.	LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH/OLD CAMPUS LAN	OLD DAVIS RD, DAVIS, CA 95616	93
9	<i>SEMSARCH</i>	56 ft.	AQUATIC WEED CONTROL RESEARCH LABORATORY	UNIVERSITY OF CA, BOTANY DEPARTMENT, DAVIS, CA 95616	104
9	<i>CLEANUPSITES</i>	56 ft.	UC DAVIS PRIMATE CENTER	1 SHIELDS AVENUE, DAVIS, CA 95616	105
10	<i>CORTESE</i>	54 ft.	CHEVRON #9-5631	980 OLIVE, DAVIS, CA 95616	107
10	<i>LUST</i>	54 ft.	CHEVRON #9-5631	980 OLIVE DR, DAVIS, CA 95616	108
10	<i>CLEANUPSITES</i>	54 ft.	CHEVRON #9-5631	980 OLIVE DR, DAVIS, CA 95616	110
11	<i>CORTESE</i>	54 ft.	DAVIS HONDA YAMAHA	975 OLIVE, DAVIS, CA 95616	111
11	<i>LUST</i>	54 ft.	DAVIS HONDA YAMAHA	975 OLIVE DR, DAVIS, CA 95616	112
11	<i>CLEANUPSITES</i>	54 ft.	DAVIS HONDA YAMAHA	975 OLIVE DR, DAVIS, CA 95616	114
13	<i>CORTESE</i>	53 ft.	FORMER SS	408 G, DAVIS, CA 95616	123
13	<i>LUST</i>	53 ft.	FORMER SS	408 G ST, DAVIS, CA 95616	124
13	<i>CLEANUPSITES</i>	53 ft.	FORMER SS	408 G ST, DAVIS, CA 95616	126
14	<i>CLEANUPSITES</i>	52 ft.	DAVIS CENTER PROJECT	5TH & G STREETS, DAVIS, CA	127
14	<i>LUST</i>	52 ft.	SHELL SERVICE STATION	435 G STREET, DAVIS, CA 95616	128
14	<i>CLEANUPSITES</i>	52 ft.	SHELL SERVICE STATION	435 G STREET, DAVIS, CA 95616	130
16	<i>CORTESE</i>	52 ft.	UNOCAL #4846	501 G, DAVIS, CA 95616	136
16	<i>LUST</i>	52 ft.	76 BROADWAY (AKA) UNOCAL #4846	501 G ST, DAVIS, CA 95616	137
16	<i>LUST</i>	52 ft.	UNOCAL #4946	501 G ST, DAVIS, CA 95616	139
16	<i>CLEANUPSITES</i>	52 ft.	76 BROADWAY (AKA) UNOCAL #4846	501 G ST, DAVIS, CA 95616	141
19	<i>CALSITES</i>	53 ft.	MOLLER CORPORATION	1222 RESEARCH PARK DRIVE, DAVIS, CA 95616	158
19	<i>REF</i>	53 ft.	MOLLER CORPORATION	1222 RESEARCH PARK DRIVE, DAVIS, CA 95616	159
19	<i>SEMSARCH</i>	53 ft.	MOLLER CORPORATION	1222 RESEARCH PARK DRIVE, DAVIS, CA 95616	160
19	<i>ENVIROSTOR</i>	53 ft.	MOLLER CORPORATION	1222 RESEARCH PARK DRIVE, DAVIS, CA 95618	161
20	<i>CORTESE</i>	55 ft.	MADDING A/C & HEATING CO	17 ARBORETUM, DAVIS, CA 95616	162
20	<i>LUST</i>	55 ft.	MADDING A/C & HEATING CO	17 ARBORETUM DR, DAVIS, CA 95616	163
20	<i>CLEANUPSITES</i>	55 ft.	MADDING A/C & HEATING CO	17 ARBORETUM DR, DAVIS, CA 95616	165

LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	<i>SLIC</i>	48 ft.	203 J ST	203 J ST, DAVIS, CA 95616	24
1	<i>SLIC</i>	48 ft.	203 J STREET	203 J STREET, DAVIS, CA 95616	25
1	<i>CLEANUPSITES</i>	48 ft.	203 J STREET	203 J STREET, DAVIS, CA	26
7	<i>HISTUST</i>	46 ft.	GENERAL CONSTRUCTION SERVICE C	316 L STREET, DAVIS, CA 95616	68
7	<i>SLIC</i>	46 ft.	PG&E DAVIS SERVICE CENTER	316 L STREET, DAVIS, CA 95616	70
7	<i>USTCUPA</i>	46 ft.	PG&E - DAVIS	316 L ST, DAVIS, CA 95616	71

Elevation Summary

7	CLEANUPSITES	46 ft.	PG&E DAVIS SERVICE CENTER	316 L STREET, DAVIS, CA 95616	72
12	CORTESE	46 ft.	TIMPERLEY PROPERTY	1700 OLIVE, DAVIS, CA 95616	115
12	CORTESE	46 ft.	TIMPERLEY PROPERTY	1700 OLIVE, DAVIS, CA 95616	116
12	LUST	46 ft.	TIMPERLEY PROPERTY	1700 OLIVE DR, DAVIS, CA 95616	117
12	CLEANUPSITES	46 ft.	TIMPERLEY PROPERTY	1700 OLIVE DR, DAVIS, CA 95616	119
15	CORTESE	44 ft.	ARCO (FORMER)	1800 OLIVE, DAVIS, CA 95616	132
15	LUST	44 ft.	ARCO (FORMER)	1800 OLIVE DR, DAVIS, CA 95616	133
15	CLEANUPSITES	44 ft.	ARCO (FORMER)	1800 OLIVE DR, DAVIS, CA 95616	135
17	VCP	46 ft.	FAMILIESFIRST - SCHOOL COMPLEX	1909 GALILEO COURT, DAVIS, CA 95616	144
17	CALSITES	46 ft.	FAMILIESFIRST - SCHOOL COMPLEX	1909 GALILEO COURT, DAVIS, CA 95616	145
18	CORTESE	47 ft.	GAS'N' SAVE	504 L, DAVIS, CA 95616	146
18	ENVIROSTOR	47 ft.	GAS'N'SAVE	504 L STREET, DAVIS, CA 95616	147
18	CALSITES	47 ft.	GAS'N'SAVE	504 L STREET, DAVIS, CA 95616	148
18	LUST	47 ft.	GAS N SAVE (ARMOUR OIL)	504 L ST & 5TH ST, DAVIS, CA 95616	150
18	REF	47 ft.	GAS'N'SAVE	504 L STREET, DAVIS, CA 95616	152
18	CLEANUPSITES	47 ft.	GAS N SAVE (ARMOUR OIL)	504 L ST & 5TH ST, DAVIS, CA 95616	155
21	CORTESE	44 ft.	DAVIS CITY CORP YARD	1717 5TH, DAVIS, CA 95616	166
21	LUST	44 ft.	DAVIS CITY CORP YARD	1717 5TH ST, DAVIS, CA 95616	167
21	CLEANUPSITES	44 ft.	DAVIS CITY CORP YARD	1717 5TH ST, DAVIS, CA 95616	169

Spills, Leaks, Investigation & Cleanup Recovery Listing (SLIC)

[MAP ID# 1](#)

Distance from Property: 0.054 mi. (285 ft.) N
Elevation: 48 ft. (Lower than TP)

INCIDENT INFORMATION

GLOBAL ID#: SL611392524
NAME: 203 J ST
ADDRESS: 203 J ST
DAVIS CA 95616
LEAD AGENCY: NOT REPORTED
LEAD AGENCY CONTACT: NOT REPORTED
LEAD AGENCY CASE #: NOT REPORTED
SUBSTANCE RELEASED: NOT_SELECTED
RESPONSIBLE PARTY: NOT REPORTED

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Spills, Leaks, Investigation & Cleanup Recovery Listing (SLIC)

[MAP ID# 1](#)

Distance from Property: 0.054 mi. (285 ft.) N
Elevation: 48 ft. (Lower than TP)

INCIDENT INFORMATION

GLOBAL ID#: SL161013797
NAME: 203 J STREET
ADDRESS: 203 J STREET
DAVIS CA 95616
LEAD AGENCY: CENTRAL VALLEY RWQCB (REGION 5S)
LEAD AGENCY CONTACT: MARIE T. MCCRINK
LEAD AGENCY CASE #: SL161013797
SUBSTANCE RELEASED: 39175, NOT_SELECTED, TCE, VOC
RESPONSIBLE PARTY: RAY ANN BRADFORD

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 1

Distance from Property: 0.054 mi. (285 ft.) N
Elevation: 48 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: SL161013797
BUSINESS NAME: 203 J STREET
ADDRESS: 203 J STREET
 DAVIS, CA
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: SL161013797
STATUS: OPEN - SITE ASSESSMENT 04/09/2001
POTENTIAL CONTAMINATION:
TRICHLOROETHYLENE (TCE), VINYL CHLORIDE
POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY, INDOOR AIR, SOIL, SOIL VAPOR

SITE HISTORY:

TRICHLOROETHYLENE (TCE) AND OTHER VOLATILE ORGANIC COMPOUNDS (VOCS) HAVE BEEN DETECTED IN GROUNDWATER AT CONCENTRATIONS EXCEEDING STATE DRINKING WATER STANDARDS. SOIL VAPOR SAMPLING WAS CONDUCTED IN 2007 AND REVEALED HIGH CONCENTRATIONS OF TCE IN SHALLOW SOILS, EXCEEDING SCREENING LEVELS FOR THE PROTECTION OF HUMAN HEALTH. A SOIL VAPOR EXTRACTION (SVE) PILOT TEST WAS CONDUCTED DURING 2008 TO DETERMINE WHETHER IT WAS A VIABLE REMEDY AT THE SITE. THE RP RAN OUT OF FUNDS FOLLOWING THE PILOT TEST. REGIONAL BOARD STAFF ARE ATTEMPTING TO IDENTIFY ADDITIONAL RESPONSIBLE PARTIES TO CONTINUE INVESTIGATION AND REMEDIATION AT THE SITE.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
ENFORCEMENT	03/04/2009	STAFF LETTER
ENFORCEMENT	08/28/2008	SITE VISIT / INSPECTION / SAMPLING
ENFORCEMENT	11/12/2002	* NO ACTION
OTHER	01/02/1965	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - SITE ASSESSMENT	04/09/2001
OPEN - CASE BEGIN DATE	03/01/2000
OPEN - SITE ASSESSMENT	03/01/2000

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE, SUITE 200
CITY: RANCHO CORDOVA
CONTACT NAME: DURIN LINDERHOLM
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: 9164644657
EMAIL: DLINDERHOLM@WATERBOARDS.CA.GOV

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Historical Underground Storage Tanks (HISTUST)

MAP ID# 2

Distance from Property: 0.126 mi. (665 ft.) SW
 Elevation: 52 ft. (Higher than TP)

J AND J AUTO SERVICE, 1055 OLIVE DR, DAVIS, CA 95616
 UNIQUE ID: 0002D362

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PAGE 548	STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY CONTAINER TYPES: 1,2,3,4,5	06/01/88
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)		
I OWNER J & J AUTO SERVICE 1055 OLIVE DR.		
DAVIS	CA 95616	
II FACILITY		
J & J AUTO SERVICE 1055 OLIVE DR. DAVIS	MAILING ADDRESS TOWNSHIP/RANGE/SECTION 1055 OLIVE DR. DAVIS	DEALER/FOREMAN/SUPERVISOR TELEPHONE ROBERT JACOBS (916) 753-3113
CROSS STREET : RICHARDS BLVD.	CA 95616	TYPE OF BUSINESS NO. OF CONTAINERS AUTO REPAIR 2
III 24-HR. CONTACT PERSON / TELEPHONE DAY: JACOBS, ROBERT (916) 753-3113 NIGHT: JACOBS, ROBERT (916) 753-3949		
***** OWNER ASSIGNED CONTAINER NUMBER: #2-G ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000008779001 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK B. MANUFACTURER/YR OF MFG: / C. YEAR INSTALLED : 1972 D. CAPACITY (GALLONS) : 1,000	E. REPAIRS : NONE IF YES WHEN : F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE: G. STORES : PRODUCT H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: REGULAR	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS: D. MATERIAL : UNKNOWN E. LINING : UNKNOWN F. WRAPPING : UNKNOWN	B. VAULTING; NON-VAULTED	C. WALLING: WRAPPED
VI PIPING		
A. ABOVEGROUND PIPING : C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:	B. UNDERGROUND PIPING : GRAVITY	
VII LEAK DETECTION VISUAL		
URE TEST 12032	COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER REGULAR MOTOR VEHICLE FUEL	

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Historical Underground Storage Tanks (HISTUST)

J AND J AUTO SERVICE, 1055 OLIVE DR, DAVIS, CA 95616
UNIQUE ID: 0002D362

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PAGE 549 STATE WATER RESOURCES CONTROL BOARD 06/01/88
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY
CONTAINER TYPES: 1 2 3 4 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: #1-0 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000087790C2 *****

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1972
D. CAPACITY (GALLONS) : 900
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : WASTE
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: WASTE OIL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS:
D. MATERIAL : UNKNOWN
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN
B. VAULTING: NON-VAULTED C. WALLING: WRAPPED

VI PIPING
A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : GRAVITY
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
VISUAL

URE TEST 12035 COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
WASTE OIL

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 3

Distance from Property: 0.13 mi. (686 ft.) NW
Elevation: 49 ft. (Equal to TP)

FACILITY INFORMATION

GLOBAL ID: SL185822944

BUSINESS NAME: I STREET DEVELOPMENT CO.

ADDRESS: 920 3RD ST

DAVIS, CA

COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE

CASE NUMBER: SL185822944

STATUS: OPEN - REMEDIATION 07/21/2012

POTENTIAL CONTAMINATION:

TETRACHLOROETHYLENE (PCE), TRICHLOROETHYLENE (TCE), VINYL CHLORIDE

POTENTIAL MEDIA AFFECTED:

OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL

SITE HISTORY:

THE I STREET DEVELOPMENT COMPANY (ISD) SITE IS AT 920 THIRD STREET IN DAVIS (SITE). THE SITE IS EAST OF H STREET, NORTHEAST OF THE UNION PACIFIC RAILROAD (UPRR) COMPANY DAVIS AMTRAK STATION, AND SOUTH OF THIRD STREET. PAST OPERATIONS AT THE SITE INCLUDE A CAR DEALERSHIP, AND A SMALL ENGINE AND NOISE SUPPRESSANT EQUIPMENT MANUFACTURING FACILITY. THESE OPERATIONS HAVE RESULTED IN THE DISCHARGE TO SOIL AND GROUNDWATER OF TRICHLOROETHYLENE (TCE), OTHER VOLATILE ORGANIC COMPOUNDS (VOCS), AND PETROLEUM HYDROCARBONS POTENTIAL AS GASOLINE, DIESEL, AND/OR MOTOR OIL (TPHG, TPHD, TPHMO). BASED ON THE RESULTS FROM SOIL GAS SAMPLING CONDUCTED IN JUNE 2008, SOIL VAPOR EXTRACTION (SVE) WAS SELECTED AS THE REMEDIAL OPTION. IN DECEMBER 2009, THE REGIONAL WATER BOARD STAFF APPROVED THE WORK PLAN FOR SVE INSTALLATION. SVE SYSTEM WENT INTO FULL OPERATION IN JULY 2012.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
ENFORCEMENT	06/18/2015	STAFF LETTER
ENFORCEMENT	09/19/2013	13267 MONITORING PROGRAM
ENFORCEMENT	07/21/2012	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	08/26/2011	STAFF LETTER
ENFORCEMENT	12/02/2009	STAFF LETTER
ENFORCEMENT	04/16/2009	STAFF LETTER
ENFORCEMENT	07/09/2008	13267 MONITORING PROGRAM - #R5-2008-0803
RESPONSE	08/01/2002	MONITORING REPORT - QUARTERLY
ENFORCEMENT	07/11/2001	* LETM
ENFORCEMENT	07/07/1999	NOTICE OF VIOLATION
OTHER	01/02/1965	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - REMEDIATION	07/21/2012
OPEN - SITE ASSESSMENT	04/30/2010
OPEN - VERIFICATION MONITORING	06/06/2001

GeoTracker Cleanup Sites (CLEANUPSITES)

STATUS:

DATE:

OPEN - CASE BEGIN DATE 11/01/1998

OPEN - SITE ASSESSMENT 11/01/1998

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)

ADDRESS: 11020 SUN CENTER DRIVE #200

CITY: RANCHO CORDOVA

CONTACT NAME: SIDDHARTH SEWALIA

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: SSEWALIA@WATERBOARDS.CA.GOV

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 3

Distance from Property: 0.145 mi. (766 ft.) NW
Elevation: 49 ft. (Equal to TP)

FACILITY INFORMATION

GLOBAL ID: T0611300226
BUSINESS NAME: CABLE CAR WASH
ADDRESS: 904 3RD ST
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570280
STATUS: COMPLETED - CASE CLOSED 05/27/2014
POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY, CONTAMINATED SURFACE / STRUCTURE, INDOOR AIR

SITE HISTORY:

THE CASE WAS OPENED FOLLOWING AN UNAUTHORIZED RELEASE FROM AN UNDERGROUND STORAGE TANK SYSTEM AT THE SUBJECT SITE. CORRECTIVE ACTION IS UNDERWAY AS DIRECTED BY THE CVRWQCB. CORRECTIVE ACTION MAY CONSIST OF PRELIMINARY SITE INVESTIGATION, PLANNING AND IMPLEMENTATION OF REMEDIAL ACTION, VERIFICATION MONITORING, OR A COMBINATION THEREOF. A SUMMARY OF THE SITE HISTORY IS AVAILABLE BY CLICKING ON EITHER THE "CLEANUP STATUS HISTORY", "REGULATORY ACTIVITIES" OR THE "SITE MAPS/DOCUMENTS" TAB. FOR A COMPLETE SITE HISTORY THE CASE FILE AT THE CVRWQCB SHOULD BE CONS

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
REMEDIATION	01/01/50	EXCAVATION
REMEDIATION	01/01/50	IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE)
REMEDIATION	01/01/50	OTHER (USE DESCRIPTION FIELD)
REMEDIATION	01/01/50	SOIL VAPOR EXTRACTION (SVE)
ENFORCEMENT	12/30/2014	CLOSURE/NO FURTHER ACTION LETTER
RESPONSE	11/15/2014	VERBAL COMMUNICATION
RESPONSE	11/12/2014	VERBAL COMMUNICATION
RESPONSE	07/30/2014	OTHER REPORT / DOCUMENT
RESPONSE	06/20/2014	WELL DESTRUCTION REPORT
ENFORCEMENT	05/27/2014	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	05/27/2014	CORRESPONDENCE
RESPONSE	05/01/2014	WELL DESTRUCTION WORKPLAN - REGULATOR RESPONDED
ENFORCEMENT	04/07/2014	STAFF LETTER
RESPONSE	04/07/2014	VERBAL COMMUNICATION
RESPONSE	03/27/2014	CORRESPONDENCE
RESPONSE	01/08/2014	CORRESPONDENCE
ENFORCEMENT	10/28/2013	STAFF LETTER
RESPONSE	10/22/2013	CORRESPONDENCE
RESPONSE	08/12/2013	VERBAL COMMUNICATION

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	07/18/2013	STATE WATER BOARD – CLOSURE ORDER
RESPONSE	07/10/2013	VERBAL COMMUNICATION
ENFORCEMENT	05/07/2013	CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR)
ENFORCEMENT	05/07/2013	CLEAN UP FUND - LETTER TO RP
ENFORCEMENT	05/07/2013	STATE WATER BOARD – CLOSURE ORDER
RESPONSE	04/26/2013	VERBAL COMMUNICATION
ENFORCEMENT	04/03/2013	STAFF LETTER
RESPONSE	03/22/2013	CORRESPONDENCE
ENFORCEMENT	03/18/2013	STAFF LETTER
RESPONSE	01/31/2013	MONITORING REPORT - SEMI-ANNUALLY
ENFORCEMENT	07/23/2012	STAFF LETTER
ENFORCEMENT	11/07/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	10/25/2011	STAFF LETTER
RESPONSE	07/19/2011	CORRESPONDENCE
RESPONSE	06/01/2011	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY
RESPONSE	05/19/2011	VERBAL COMMUNICATION
ENFORCEMENT	01/18/2011	STAFF LETTER
RESPONSE	01/13/2011	VERBAL COMMUNICATION
RESPONSE	12/23/2010	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY
RESPONSE	10/31/2010	MONITORING REPORT - SEMI-ANNUALLY
ENFORCEMENT	10/05/2010	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	09/30/2010	OTHER REPORT / DOCUMENT
RESPONSE	08/17/2010	VERBAL COMMUNICATION
RESPONSE	06/30/2010	OTHER REPORT / DOCUMENT
RESPONSE	06/21/2010	VERBAL COMMUNICATION
RESPONSE	05/19/2010	VERBAL COMMUNICATION
RESPONSE	04/30/2010	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	10/31/2009	CORRESPONDENCE
RESPONSE	10/31/2009	MONITORING REPORT - QUARTERLY
RESPONSE	09/30/2009	CORRESPONDENCE
RESPONSE	09/28/2009	VERBAL COMMUNICATION
RESPONSE	09/09/2009	CORRESPONDENCE
RESPONSE	09/08/2009	VERBAL COMMUNICATION
RESPONSE	06/05/2009	VERBAL COMMUNICATION
RESPONSE	06/04/2009	CORRESPONDENCE
RESPONSE	06/04/2009	VERBAL COMMUNICATION
RESPONSE	05/13/2009	CORRESPONDENCE
RESPONSE	05/06/2009	VERBAL COMMUNICATION
RESPONSE	04/30/2009	MONITORING REPORT - QUARTERLY
RESPONSE	04/02/2009	CORRESPONDENCE
ENFORCEMENT	03/24/2009	STAFF LETTER
RESPONSE	03/18/2009	VERBAL COMMUNICATION
RESPONSE	03/16/2009	VERBAL COMMUNICATION
RESPONSE	03/10/2009	OTHER REPORT / DOCUMENT

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	02/03/2009	VERBAL COMMUNICATION
RESPONSE	01/15/2009	PILOT STUDY/ TREATABILITY REPORT
RESPONSE	01/14/2009	CORRESPONDENCE
RESPONSE	12/19/2008	CORRESPONDENCE
RESPONSE	10/27/2008	VERBAL COMMUNICATION
ENFORCEMENT	10/08/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	09/22/2008	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY
ENFORCEMENT	09/15/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
REMEDIATION	09/10/2008	IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE)
ENFORCEMENT	08/20/2008	STAFF LETTER
RESPONSE	08/11/2008	CORRESPONDENCE
RESPONSE	07/16/2008	VERBAL COMMUNICATION
RESPONSE	06/30/2008	INTERIM REMEDIAL ACTION PLAN
RESPONSE	06/30/2008	OTHER WORKPLAN
ENFORCEMENT	06/02/2008	STAFF LETTER
ENFORCEMENT	05/29/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	05/28/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	05/28/2008	VERBAL COMMUNICATION
ENFORCEMENT	05/08/2008	VERBAL COMMUNICATION
RESPONSE	04/30/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	04/22/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	04/04/2008	STAFF LETTER
ENFORCEMENT	04/01/2008	VERBAL COMMUNICATION
RESPONSE	03/30/2008	INTERIM REMEDIAL ACTION PLAN
ENFORCEMENT	03/24/2008	VERBAL COMMUNICATION
ENFORCEMENT	02/25/2008	VERBAL COMMUNICATION
ENFORCEMENT	11/13/2007	VERBAL COMMUNICATION
RESPONSE	10/31/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	10/29/2007	VERBAL COMMUNICATION
ENFORCEMENT	10/02/2007	MEETING
ENFORCEMENT	09/17/2007	VERBAL COMMUNICATION
RESPONSE	08/17/2007	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY
ENFORCEMENT	07/30/2007	STAFF LETTER
RESPONSE	07/13/2007	OTHER WORKPLAN
ENFORCEMENT	05/15/2007	STAFF LETTER
ENFORCEMENT	05/09/2007	VERBAL COMMUNICATION
RESPONSE	04/30/2007	MONITORING REPORT - QUARTERLY
RESPONSE	01/31/2007	MONITORING REPORT - QUARTERLY
RESPONSE	10/31/2006	MONITORING REPORT - QUARTERLY
RESPONSE	07/31/2006	MONITORING REPORT - QUARTERLY
RESPONSE	04/30/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	04/25/2006	* NO ACTION
RESPONSE	03/31/2006	REMEDIAL PROGRESS REPORT
RESPONSE	02/28/2006	REMEDIAL PROGRESS REPORT

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	01/31/2006	* VERBAL COMMUNICATION
RESPONSE	01/30/2006	MONITORING REPORT - QUARTERLY
REMEDIATION	11/05/2005	OTHER (USE DESCRIPTION FIELD)
ENFORCEMENT	11/01/2005	* NO ACTION
RESPONSE	10/31/2005	MONITORING REPORT - QUARTERLY
RESPONSE	07/30/2005	MONITORING REPORT - QUARTERLY
ENFORCEMENT	06/21/2005	STAFF LETTER
ENFORCEMENT	06/21/2005	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	04/30/2005	MONITORING REPORT - QUARTERLY
RESPONSE	04/08/2005	INTERIM REMEDIAL ACTION PLAN
ENFORCEMENT	02/24/2005	* HISTORICAL ENFORCEMENT
ENFORCEMENT	02/24/2005	STAFF LETTER
RESPONSE	01/30/2005	MONITORING REPORT - QUARTERLY
ENFORCEMENT	12/02/2004	STAFF LETTER
RESPONSE	10/31/2004	MONITORING REPORT - QUARTERLY
RESPONSE	09/30/2004	CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN
RESPONSE	07/30/2004	MONITORING REPORT - QUARTERLY
RESPONSE	03/26/2004	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	01/30/2004	MONITORING REPORT - QUARTERLY
ENFORCEMENT	01/12/2004	STAFF LETTER
RESPONSE	11/14/2003	SOIL AND WATER INVESTIGATION WORKPLAN
RESPONSE	10/31/2003	MONITORING REPORT - QUARTERLY
ENFORCEMENT	09/17/2003	* HISTORICAL ENFORCEMENT
ENFORCEMENT	09/17/2003	MEETING
RESPONSE	07/30/2003	MONITORING REPORT - QUARTERLY
ENFORCEMENT	03/29/2002	NOTICE OF VIOLATION
REMEDIATION	11/01/2000	SOIL VAPOR EXTRACTION (SVE)
REMEDIATION	12/01/1998	EXCAVATION
OTHER	06/10/1997	LEAK REPORTED
OTHER	04/03/1996	LEAK DISCOVERY

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	05/27/2014
OPEN - VERIFICATION MONITORING	04/29/2013
OPEN - ELIGIBLE FOR CLOSURE	04/24/2013
OPEN - REMEDIATION	04/17/2006
OPEN - VERIFICATION MONITORING	04/17/2006
OPEN - REMEDIATION	02/10/2005
OPEN - REMEDIATION	12/08/2004
OPEN - SITE ASSESSMENT	11/14/2003
OPEN - SITE ASSESSMENT	07/01/1999
OPEN - CASE BEGIN DATE	04/03/1996

GeoTracker Cleanup Sites (CLEANUPSITES)

STATUS:

DATE:

OPEN - SITE ASSESSMENT **04/03/1996**

CONTACT DETAILS

ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**

ADDRESS: **11020 SUN CENTER DRIVE #200**

CITY: **RANCHO CORDOVA**

CONTACT NAME: **DAVID STAVAREK**

CONTACT TYPE: **REGIONAL BOARD CASEWORKER**

CONTACT PHONE: **NOT REPORTED**

EMAIL: **DSTAVAREK@WATERBOARDS.CA.GOV**

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Cortese List (CORTESE)

[MAP ID# 3](#)

Distance from Property: 0.145 mi. (766 ft.) NW

Elevation: 49 ft. (Equal to TP)

FACILITY INFORMATION

ID#: 570280

NAME: CABLE CAR WASH

ADDRESS: 904 3RD

DAVIS, CA 95814

[Back to Report Summary](#)

Historical Underground Storage Tanks (HISTUST)

MAP ID# 3

Distance from Property: 0.145 mi. (766 ft.) NW
Elevation: 49 ft. (Equal to TP)

CABLE CAR WASH, 904 THIRD STREET, DAVIS, CA 95616
UNIQUE ID: 0002D31B

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*** B05 ***

PAGE 430 STATE WATER RESOURCES CONTROL BOARD 06/01/88
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY
CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER
G AND CCW PARTNERSHIP
904 THIRD STREET DAVIS CA 95616

II FACILITY

CABLE CAR WASH 904 THIRD STREET DAVIS	CA 95616	MAILING ADDRESS TOWNSHIP/RANGE/SECTION 904 THIRD STREET DAVIS	CA 95616	DEALER/FOREMAN/SUPERVISOR TELEPHONE JAY T. GERBER (916) 753-4134	TYPE OF BUSINESS NO. OF CONTAINERS GASOLINE STATION 3
---	----------	--	----------	---	--

CROSS STREET :
"I" STREET

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: GERBER, JAY (916) 753-4134 NIGHT: GERBER, JAY (916) 756-4418

***** OWNER ASSIGNED CONTAINER NUMBER: 1 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000018187001 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK	E. REPAIRS : UNKN IF YES WHEN :
B. MANUFACTURER/YR OF MFG: /1971	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
C. YEAR INSTALLED : 1971	G. STORES : PRODUCT
D. CAPACITY (GALLONS) : 10,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: REGULAR

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:	B. VAULTING: UNKNOWN	C. WALLING: UNKNOWN
D. MATERIAL : UNKNOWN		
E. LINING : UNKNOWN		
F. WRAPPING : UNKNOWN		

VI PIPING

A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : UNKNOWN
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:	

VII LEAK DETECTION
STOCK INVENTORY

URE TEST 12032 COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
REGULAR MOTOR VEHICLE FUEL

*** C05 ***

Historical Underground Storage Tanks (HISTUST)

CABLE CAR WASH, 904 THIRD STREET, DAVIS, CA 95616
UNIQUE ID: 0002D31B

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*** C05 ***

PAGE 431	STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY CONTAINER TYPES: 1,2,3,4,5 (1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)	06/01/88
***** OWNER ASSIGNED CONTAINER NUMBER: 2 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000018187002 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK	E. REPAIRS : UNKN IF YES WHEN :	
B. MANUFACTURER/YR OF MFG : /1971	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : 1971	G. STORES : PRODUCT	
D. CAPACITY (GALLONS) : 10,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS:	B. VAULTING: UNKNOWN	C. WALLING: UNKNOWN
D. MATERIAL : UNKNOWN		
E. LINING : UNKNOWN		
F. WRAPPING : UNKNOWN		
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : UNKNOWN	
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION STOCK INVENTORY		
URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER		
12034	DIESEL MOTOR VEHICLE FUEL	
***** OWNER ASSIGNED CONTAINER NUMBER: 3 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000018187003 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK	E. REPAIRS : UNKN IF YES WHEN :	
B. MANUFACTURER/YR OF MFG : /1971	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : 1971	G. STORES : PRODUCT	
D. CAPACITY (GALLONS) : 10,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS:	B. VAULTING: UNKNOWN	C. WALLING: UNKNOWN
D. MATERIAL : UNKNOWN		
E. LINING : UNKNOWN		
F. WRAPPING : UNKNOWN		
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : UNKNOWN	
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION STOCK INVENTORY		
URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER		
12031	UNLEADED MOTOR VEHICLE FUEL	

*** D05 ***

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Leaking Underground Storage Tanks (LUST)

MAP ID# 3

Distance from Property: 0.145 mi. (766 ft.) NW
Elevation: 49 ft. (Equal to TP)

SITE INFORMATION

ID#: **T0611300226** REGIONAL CASE #: **570280** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **CABLE CAR WASH** RESPONSIBLE PARTY: **GERBER, JAY**
ADDRESS: **904 3RD ST** ADDRESS: **904 3RD ST, DAVIS, CA 95616**
DAVIS, CA 95616
CROSS STREET: **I ST**
COUNTY: **YOLO**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **DRINKING WATER AQUIFER** CASE WAS REPORTED: **1997-06-10**
CASE ENTERED INTO SYSTEM: **1997-07-01** CASE WAS REVIEWED: **1997-12-19**
CASE WAS CLOSED: **NOT REPORTED**
ENFORCEMENT TYPE: **INFORMAL STAFF ENFORCEMENT LETTER**
ENFORCEMENT BEGAN: **1965-01-01**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **7 - REMEDIAL ACTION UNDERWAY**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **NOT REPORTED**
MTBE CLASSIFICATION: **C - THIRD HIGHEST PRIORITY**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **1999-12-09**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **11**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **1** MTBE TESTED: **YES**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **SUBSURFACE MONITORING** DATE LEAK WAS DISCOVERED: **1996-04-03**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **NOT REPORTED**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **1996-04-03**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**
REMEDIAL ACTION UNDERWAY: **2006-04-17** POLLUTION CHARACTERIZATION: **2003-11-14**
REMEDIATION PLAN: **2004-12-08** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **NOT REPORTED**

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **MUNICIPAL AND DOMESTIC SUPPLY**

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Spills, Leaks, Investigation & Cleanup Recovery Listing (SLIC)

MAP ID# 3

Distance from Property: 0.145 mi. (766 ft.) NW
Elevation: 49 ft. (Equal to TP)

INCIDENT INFORMATION

GLOBAL ID#: SL0611311586
NAME: CABLE CAR WASH
ADDRESS: 904 3RD STREET
DAVIS CA 95616
LEAD AGENCY: CENTRAL VALLEY RWQCB (REGION 5S)
LEAD AGENCY CONTACT: DAVID STAVAREK
LEAD AGENCY CASE #: SL57028
SUBSTANCE RELEASED: PET, VOC
RESPONSIBLE PARTY: JAY GERBER

[Back to Report Summary](#)

Spills, Leaks, Investigation & Cleanup Recovery Listing (SLIC)

MAP ID# 3

Distance from Property: 0.13 mi. (686 ft.) NW
Elevation: 49 ft. (Equal to TP)

INCIDENT INFORMATION

GLOBAL ID#: **SL185822944**
NAME: **I STREET DEVELOPMENT CO.**
ADDRESS: **920 3RD ST
DAVIS CA 95616**
LEAD AGENCY: **CENTRAL VALLEY RWQCB (REGION 5S)**
LEAD AGENCY CONTACT: **MARIE T. MCCRINK**
LEAD AGENCY CASE #: **SL185822944**
SUBSTANCE RELEASED: **PET, VOC**
RESPONSIBLE PARTY: **DAN MILLER**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 3

Distance from Property: 0.145 mi. (766 ft.) NW
Elevation: 49 ft. (Equal to TP)

FACILITY INFORMATION

GLOBAL ID: **SL0611311586**
BUSINESS NAME: **CABLE CAR WASH**
ADDRESS: **NOT REPORTED**
DAVIS, CA 95616
COUNTY: **YOLO**

FACILITY DETAILS

CASE TYPE: **CLEANUP PROGRAM SITE**
CASE NUMBER: **SL57028**
STATUS: **OPEN - VERIFICATION MONITORING 07/09/2001**
POTENTIAL CONTAMINATION:
NOT REPORTED
POTENTIAL MEDIA AFFECTED:
OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
ENFORCEMENT	08/20/08	STAFF LETTER
RESPONSE	07/30/02	MONITORING REPORT - QUARTERLY
ENFORCEMENT	04/15/02	CLEAN-UP AND ABATEMENT ORDER
ENFORCEMENT	03/29/02	NOTICE OF VIOLATION
ENFORCEMENT	07/09/01	* LETM

STATUS HISTORY

STATUS:	DATE:
OPEN - VERIFICATION MONITORING	07/09/01
OPEN - CASE BEGIN DATE	09/01/96
OPEN - SITE ASSESSMENT	09/01/96

CONTACT DETAILS

ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE #200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **DAVID STAVAREK**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **DSTAVAREK@WATERBOARDS.CA.GOV**

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Spills, Leaks, Investigation & Cleanup Recovery Listing (SLIC)

MAP ID# 4

Distance from Property: 0.139 mi. (734 ft.) W
Elevation: 49 ft. (Equal to TP)

INCIDENT INFORMATION

GLOBAL ID#: 5-SLIC -550
NAME: UNION PACIFIC RAILROAD AMTRAK TRAIN DEPOT (FORMERLY SOUTHERN PACIFIC TRANS. CO.)
ADDRESS: 2ND AND H STREETS
DAVIS CA NOT REPORT
LEAD AGENCY: CENTRAL VALLEY RWQCB (REGION 5)
LEAD AGENCY CONTACT: NOT REPORTED
LEAD AGENCY CASE #: NOT REPORTED
SUBSTANCE RELEASED: TPH
RESPONSIBLE PARTY: NOT REPORTED

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Spills, Leaks, Investigation & Cleanup Recovery Listing (SLIC)

[MAP ID# 4](#)

Distance from Property: 0.139 mi. (734 ft.) W
Elevation: 49 ft. (Equal to TP)

INCIDENT INFORMATION

GLOBAL ID#: **SL185452916**
NAME: **UNION PACIFIC RAILROAD - DAVIS AMTRAK STATION**
ADDRESS: **G STREET
DAVIS CA 95616**
LEAD AGENCY: **CENTRAL VALLEY RWQCB (REGION 5S)**
LEAD AGENCY CONTACT: **MARIE T. MCCRINK**
LEAD AGENCY CASE #: **SL185452916**
SUBSTANCE RELEASED: **PET, VOC**
RESPONSIBLE PARTY: **MICHAEL J. GRANT**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 4

Distance from Property: 0.139 mi. (734 ft.) W
Elevation: 49 ft. (Equal to TP)

FACILITY INFORMATION

GLOBAL ID: SL185452916
BUSINESS NAME: UNION PACIFIC RAILROAD - DAVIS AMTRAK STATION
ADDRESS: N/A G STREET
DAVIS, CA
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: SL185452916
STATUS: OPEN - VERIFICATION MONITORING 07/01/1998
POTENTIAL CONTAMINATION:
TETRACHLOROETHYLENE (PCE)
POTENTIAL MEDIA AFFECTED:
OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL VAPOR

SITE HISTORY:

THE UNION PACIFIC RAILROAD COMPANY (UPRR), DAVIS AMTRACK STATION IS LOCATED EAST OF G STREET AND SOUTH OF THIRD STREET IN DAVIS. THE CITY OF DAVIS PURCHASED THE AMTRACK STATION FROM UPRR IN THE MID-1990S. OPERATIONS AT THE SITE HAVE RESULTED IN DISCHARGES OF PCE TO GROUNDWATER. THE AFFECTED GROUNDWATER IS LIMITED IN AERIAL EXTENT TO A SMALL AREA LOCATED IN THE CENTER OF THE STATION. GROUNDWATER IS CURRENTLY ENCOUNTERED AT ABOUT 25-30 FEET BELOW GROUND SURFACE. THERE IS HOWEVER, SEASONAL VARIATION IN THE DEPTH TO GROUNDWATER RANGING FROM FIVE TO TEN FEET PER YEAR. REGIONAL GROUNDWATER FLOW IS TO THE SOUTHEAST. LOCAL SITE GROUNDWATER FLOW IS VARIABLE, PREDOMINANTLY TO THE SOUTHEAST, AND RANGING FROM EAST TO SOUTH.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
ENFORCEMENT	11/07/2013	STAFF LETTER
RESPONSE	11/01/2002	MONITORING REPORT - QUARTERLY
ENFORCEMENT	06/06/2001	* LETM
OTHER	01/02/1965	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - SITE ASSESSMENT	07/01/1998
OPEN - VERIFICATION MONITORING	07/01/1998
OPEN - CASE BEGIN DATE	02/01/1995
OPEN - SITE ASSESSMENT	02/01/1995

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: SIDDHARTH SEWALIA
CONTACT TYPE: REGIONAL BOARD CASEWORKER

GeoTracker Cleanup Sites (CLEANUPSITES)

CONTACT PHONE: NOT REPORTED

EMAIL: SSEWALIA@WATERBOARDS.CA.GOV

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 5

Distance from Property: 0.203 mi. (1,072 ft.) NW
Elevation: 52 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: SL185832945
BUSINESS NAME: DAVIS ENTERPRISE
ADDRESS: 302 G STREET
 DAVIS, CA
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: SL185832945
STATUS: OPEN - REMEDIATION 06/02/2002
POTENTIAL CONTAMINATION:

TETRACHLOROETHYLENE (PCE)

POTENTIAL MEDIA AFFECTED:

OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL

SITE HISTORY:

DAVIS ENTERPRISE PREVIOUSLY OPERATED A NEWSPAPER PRINTING BUSINESS AT THE SITE. HISTORICAL FIRE INSURANCE MAPS AND TITLE REPORTS IDENTIFY THAT BETWEEN THE 1930S AND 1960S DAVIS LAUNDRY AND DRY CLEANERS (DAVIS CLEANERS) OPERATED A DRY CLEANER AT THE SITE. DAVIS CLEANERS WAS REPORTED TO HAVE USED PCE THAT WAS DISCHARGED TO THE SANITARY SEWER SYSTEM. AFTER 1966, THE SITE WAS USED BY DAVIS ENTERPRISE FOR NEWSPAPER PRINTING. SITE INVESTIGATIONS CONDUCTED BETWEEN 1998 AND 2006 REVEALED THE PRESENCE OF PCE IN SOIL UP TO 0.023 MILLIGRAM PER KILOGRAM (MG/KG) AND IN GROUNDWATER UPTO 120 MICROGRAMS PER LITER (UG/L). RELEASE OF WASTEWATER CONTAINING PCE FROM THE SEWERS WAS IDENTIFIED AS A POTENTIAL MECHANISUM FOR CONTRIBUTING PCE TO GROUNDWATER AT THE SITE.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
ENFORCEMENT	04/04/2016	SETTLEMENT AGREEMENT
ENFORCEMENT	01/12/2016	SETTLEMENT AGREEMENT
ENFORCEMENT	12/14/2015	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	09/18/2015	SITE INVESTIGATION
ENFORCEMENT	08/26/2015	EMAIL CORRESPONDENCE
RESPONSE	08/19/2015	SITE INVESTIGATION WORKPLAN
RESPONSE	08/05/2015	CORRESPONDENCE
ENFORCEMENT	06/30/2015	NOTIFICATION - PUBLIC PARTICIPATION DOCUMENT
ENFORCEMENT	06/30/2015	SETTLEMENT AGREEMENT
ENFORCEMENT	06/30/2015	STAFF LETTER
RESPONSE	06/27/2015	OTHER REPORT / DOCUMENT
ENFORCEMENT	07/29/2014	STAFF LETTER
ENFORCEMENT	11/06/2013	STAFF LETTER
ENFORCEMENT	08/29/2012	13267 MONITORING PROGRAM
ENFORCEMENT	08/29/2012	STAFF LETTER
ENFORCEMENT	03/24/2011	13267 MONITORING PROGRAM
ENFORCEMENT	03/24/2011	WASTE DISCHARGE REQUIREMENTS
ENFORCEMENT	11/17/2010	STAFF LETTER

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	06/29/2010	STAFF LETTER
ENFORCEMENT	09/16/2009	STAFF LETTER
ENFORCEMENT	05/07/2009	STAFF LETTER
RESPONSE	04/02/2009	PILOT STUDY / TREATABILITY WORKPLAN
ENFORCEMENT	10/03/2008	CLEAN UP FUND - LETTER TO RP
RESPONSE	07/05/2007	SITE INVESTIGATION
RESPONSE	07/15/2004	PILOT STUDY/ TREATABILITY REPORT
RESPONSE	08/01/2002	MONITORING REPORT - QUARTERLY
ENFORCEMENT	06/22/2001	* LETM
OTHER	01/02/1965	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - REMEDIATION	06/02/2002
OPEN - CASE BEGIN DATE	12/01/1998

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: NATHAN CASEBEER
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: NATHAN.CASEBEER@WATERBOARDS.CA.GOV
ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: SIDDHARTH SEWALIA
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: SSEWALIA@WATERBOARDS.CA.GOV

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Cortese List (CORTESE)

[MAP ID# 5](#)

Distance from Property: 0.191 mi. (1,008 ft.) NW

Elevation: 52 ft. (Higher than TP)

FACILITY INFORMATION

ID#: 570125

NAME: DAVIS LUMBER

ADDRESS: 240 G

DAVIS, CA 95691

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Historical Underground Storage Tanks (HISTUST)

MAP ID# 5

Distance from Property: 0.191 mi. (1,008 ft.) NW
Elevation: 52 ft. (Higher than TP)

DAVIS LUMBR AND HARDWARE, 240 G STREET, DAVIS, CA 95616
UNIQUE ID: 0002D2C0

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PAGE 283 STATE WATER RESOURCES CONTROL BOARD 06/01/88
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY
CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER
DAVIS LUMBR & HARDWARE CO.
240 G STREET DAVIS CA 95616

II FACILITY

DAVIS LUMBR & HARDWARE 240 G STREET DAVIS CA 95616	MAILING ADDRESS TOWNSHIP/RANGE/SECTION P.O. BOX 1527 DAVIS CA 95616	DEALER/FOREMAN/SUPERVISOR TELEPHONE GARY WESTERGAARD (916) 758-8000	TYPE OF BUSINESS NO. OF CONTAINERS COMPANY USE 5
--	--	--	---

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: ANDERSON JENNIFER (916) 758-8000 NIGHT: GOODLOW DAVE (916) 756-3155

***** OWNER ASSIGNED CONTAINER NUMBER: I ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000004229001 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK	E. REPAIRS : NONE IF YES WHEN :
B. MANUFACTURER/YR OF MFG: /	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
C. YEAR INSTALLED :	G. STORES : PRODUCT
D. CAPACITY (GALLONS) : 550	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM ; NO

V CONTAINER CONSTRUCTION

A. THICKNESS: 10 GAUGE	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : UNKNOWN		

VI PIPING

A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:	

VII LEAK DETECTION
VISUAL STOCK INVENTORY

URE TEST 12031 COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
UNLEADED MOTOR VEHICLE FUEL

*** E13 ***

Historical Underground Storage Tanks (HISTUST)

DAVIS LUMBR AND HARDWARE, 240 G STREET, DAVIS, CA 95616
UNIQUE ID: 0002D2C0

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PAGE 284 STATE WATER RESOURCES CONTROL BOARD 06/01/88
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY
CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 2 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000004229002 *****

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED :
D. CAPACITY (GALLONS) : 550
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: 10 GAUGE B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
VISUAL STOCK INVENTORY P

URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12031 UNLEADED MOTOR VEHICLE FUEL

***** OWNER ASSIGNED CONTAINER NUMBER: 3 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000004229003 *****

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 250
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: 10 GAUGE B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
VISUAL STOCK INVENTORY P

URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
KEROSENE

*** F13 ***

Historical Underground Storage Tanks (HISTUST)

DAVIS LUMBR AND HARDWARE, 240 G STREET, DAVIS, CA 95616
UNIQUE ID: 0002D2C0

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PAGE 285	STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY CONTAINER TYPES: 1, 2, 3, 4, 5 (1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)	06/01/88
***** OWNER ASSIGNED CONTAINER NUMBER: ULH881459 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000004229004 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK	E. REPAIRS : NONE IF YES WHEN :	
B. MANUFACTURER/YR OF MFG: PERKINS /1982	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : 1982	G. STORES : PRODUCT	
D. CAPACITY (GALLONS) : 515	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS: 10 GAUGE	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : TAR	CATHODIC	TAR OR ASPHT
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : SUCTION	
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION		
VISUAL	STOCK INVENTORY	P
URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER		
12034	DIESEL MOTOR VEHICLE FUEL	
***** OWNER ASSIGNED CONTAINER NUMBER: 5 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000004229005 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK	E. REPAIRS : NONE IF YES WHEN :	
B. MANUFACTURER/YR OF MFG: /	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : UNK	G. STORES : PRODUCT	
D. CAPACITY (GALLONS) : 1,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS: 10 GAUGE	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : UNKNOWN		
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : SUCTION	
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION		
VISUAL	STOCK INVENTORY	P
URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER		
12031	UNLEADED MOTOR VEHICLE FUEL	
*** G13 ***		

[Back to Report Summary](#)

Leaking Underground Storage Tanks (LUST)

MAP ID# 5

Distance from Property: 0.191 mi. (1,008 ft.) NW
Elevation: 52 ft. (Higher than TP)

SITE INFORMATION

ID#: **T0611300093** REGIONAL CASE #: **570125** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **DAVIS LUMBER** RESPONSIBLE PARTY: **DAVIS LUMBER & HARDWARE**
ADDRESS: **240 G ST** ADDRESS: **NOT REPORTED**
DAVIS, CA 95616
CROSS STREET: **NOT REPORTED**
COUNTY: **YOLO**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **SOIL IMPACTED** CASE WAS REPORTED: **1990-07-24**
CASE ENTERED INTO SYSTEM: **1990-08-24** CASE WAS REVIEWED: **1990-07-24**
CASE WAS CLOSED: **1989-06-13**
ENFORCEMENT TYPE: **NO ENFORCEMENT ACTION TAKEN**
ENFORCEMENT BEGAN: **1965-01-01**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
LEAD AGENCY: **LOCAL AGENCY LEAD** LOCAL AGENCY: **YOLO ENVIRONMENTAL HEALTH**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT REQUIRED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **0**
CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED** DATE LEAK WAS DISCOVERED: **NOT REPORTED**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **NOT REPORTED**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **DIESEL FUEL OIL AND ADDITIVES**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**
REMEDIAL ACTION UNDERWAY: **NOT REPORTED** POLLUTION CHARACTERIZATION: **NOT REPORTED**
REMEDICATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **EXCAVATE AND TREAT**

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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Spills, Leaks, Investigation & Cleanup Recovery Listing (SLIC)

MAP ID# 5

Distance from Property: 0.203 mi. (1,072 ft.) NW
Elevation: 52 ft. (Higher than TP)

INCIDENT INFORMATION

GLOBAL ID#: SL185832945
NAME: DAVIS ENTERPRISE
ADDRESS: 302 G STREET
DAVIS CA 95616
LEAD AGENCY: CENTRAL VALLEY RWQCB (REGION 5S)
LEAD AGENCY CONTACT: MARIE T. MCCRINK
LEAD AGENCY CASE #: SL185832945
SUBSTANCE RELEASED: PCE, VOC
RESPONSIBLE PARTY: R. BURT MCNAUGHTON

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 5

Distance from Property: 0.191 mi. (1,008 ft.) NW
Elevation: 52 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300093
BUSINESS NAME: DAVIS LUMBER
ADDRESS: 240 G ST
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570125
STATUS: COMPLETED - CASE CLOSED 06/13/1989
POTENTIAL CONTAMINATION:
DIESEL
POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
OTHER	07/24/1990	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	06/13/1989
OPEN - CASE BEGIN DATE	06/13/1989

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: DAVID STAVAREK
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: DSTAVAREK@WATERBOARDS.CA.GOV

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Historical Underground Storage Tanks (HISTUST)

MAP ID# 6

Distance from Property: 0.212 mi. (1,119 ft.) SW
Elevation: 53 ft. (Higher than TP)

UNIVERSITY SHELL, 1010 OLIVE DRIVE, DAVIS, CA 95616
UNIQUE ID: 0002D451

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*** B05 ***

PAGE 968 STATE WATER RESOURCES CONTROL BOARD 06/01/88
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY
CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER
SHELL OIL COMPANY
P.O. BOX 4848 ANAHEIM CA 92803

II FACILITY

UNIVERSITY SHELL 1010 OLIVE DRIVE DAVIS	CA 95616	MAILING ADDRESS TOWNSHIP/RANGE/SECTION 1010 OLIVE DRIVE DAVIS	CA 95616	DEALER/FOREMAN/SUPERVISOR TELEPHONE (916) 758-2900	TYPE OF BUSINESS NO. OF CONTAINERS GASOLINE STATION 5
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CROSS STREET :

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: HUNTINGTON, DENNIS (916) 758-2900 NIGHT: SAME () -

***** OWNER ASSIGNED CONTAINER NUMBER: 1 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000010470001 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK	E. REPAIRS : UNKN IF YES WHEN :
B. MANUFACTURER/YR OF MFG: UNKNOWN /	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
C. YEAR INSTALLED : UNK	G. STORES : PRODUCT
D. CAPACITY (GALLONS) : 4,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: 3/16 INCHES	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : NONE		

VI PIPING

A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:	

VII LEAK DETECTION
LINE LEAK DETECTOR STOCK INVENTORY OTHER

URE TEST 12031 COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
UNLEADED MOTOR VEHICLE FUEL

Historical Underground Storage Tanks (HISTUST)

UNIVERSITY SHELL, 1010 OLIVE DRIVE, DAVIS, CA 95616
UNIQUE ID: 0002D451

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*** C05 ***

PAGE 969	STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY CONTAINER TYPES: 1,2,3,4,5 (1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)	06/01/88
***** OWNER ASSIGNED CONTAINER NUMBER: 2 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000010470002 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK	E. REPAIRS : UNKN IF YES WHEN :	
B. MANUFACTURER/YR OF MFG: UNKNOWN /	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : UNK	G. STORES : PRODUCT	
D. CAPACITY (GALLONS) : 4,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: REGULAR	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS: 3/16 INCHES	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : NONE		
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : PRESSURE	
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION		
STOCK INVENTORY	OTHER	P
URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER		
12032	REGULAR MOTOR VEHICLE FUEL	
***** OWNER ASSIGNED CONTAINER NUMBER: 3 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000010470003 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK	E. REPAIRS : UNKN IF YES WHEN :	
B. MANUFACTURER/YR OF MFG: UNKNOWN /	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : UNK	G. STORES : PRODUCT	
D. CAPACITY (GALLONS) : 3,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: PREMIUM	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS: 3/16 INCHES	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : NONE		
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : PRESSURE	
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION		
LINE LEAK DETECTOR	STOCK INVENTORY	OTHER
URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER		
12033	PREMIUM MOTOR VEHICLE FUEL	

Historical Underground Storage Tanks (HISTUST)

UNIVERSITY SHELL, 1010 OLIVE DRIVE, DAVIS, CA 95616
UNIQUE ID: 0002D451

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PAGE 970 STATE WATER RESOURCES CONTROL BOARD 06/01/88
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY
CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)
***** OWNER ASSIGNED CONTAINER NUMBER: 4 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000010470004 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNKNOWN / E. REPAIRS : UNKN IF YES WHEN :
C. YEAR INSTALLED : UNK F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
D. CAPACITY (GALLONS) : 3,000 G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: 3/16 INCHES B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION

STOCK INVENTORY OTHER P

URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12034 DIESEL MOTOR VEHICLE FUEL

***** OWNER ASSIGNED CONTAINER NUMBER: 5 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000010470005 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNKNOWN / E. REPAIRS : UNKN IF YES WHEN :
C. YEAR INSTALLED : UNK F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
D. CAPACITY (GALLONS) : 8,000 G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: 1/4 INCHES B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION

LINE LEAK DETECTOR STOCK INVENTORY OTHER P

URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12031 UNLEADED MOTOR VEHICLE FUEL

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Leaking Underground Storage Tanks (LUST)

MAP ID# 6

Distance from Property: 0.212 mi. (1,119 ft.) SW
Elevation: 53 ft. (Higher than TP)

SITE INFORMATION

ID#: **T0611318306** REGIONAL CASE #: **570338** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **SHELL SERVICE STATION** RESPONSIBLE PARTY: **DENIS BROWN**
ADDRESS: **1010 OLIVE DRIVE** ADDRESS: **20945 S WILMINGTON AVE**
DAVIS, CA 95616
CROSS STREET: **RICHARDS BLVD**
COUNTY: **YOLO**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **OTHER GROUNDWATER (NOT USED FOR DRINKING WATER)** CASE WAS REPORTED: **2007-04-03**
CASE ENTERED INTO SYSTEM: **NOT REPORTED** CASE WAS REVIEWED: **NOT REPORTED**
CASE WAS CLOSED: **NOT REPORTED**
ENFORCEMENT TYPE: **INFORMAL STAFF ENFORCEMENT LETTER**
ENFORCEMENT BEGAN: **NOT REPORTED**
FUNDING TYPE: **REGIONAL BOARD FUNDS**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **5C - POLLUTION CHARACTERIZATION**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **YOLO ENVIRONMENTAL HEALTH**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT TESTED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **GASOLINE CONSTITUENTS WERE FOUND IN SOIL AND GROUNDWATER DURING A PHASE II INVESTIGATION.**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **SUBSURFACE MONITORING** DATE LEAK WAS DISCOVERED: **2007-01-03**
HOW THE CASE/LEAK WAS STOPPED: **OTHER MEANS** LEAK WAS STOPPED: **NOT REPORTED**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **2007-03-20**
REMEDIAL ACTION UNDERWAY: **NOT REPORTED** POLLUTION CHARACTERIZATION: **2008-06-02**
REMEDIATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **NOT REPORTED**

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **NOT REPORTED**

BENEFICIAL USE: **NOT REPORTED**

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Underground Storage Tanks (USTCUPA)

MAP ID# 6

Distance from Property: 0.201 mi. (1,061 ft.) SW
Elevation: 53 ft. (Higher than TP)

FACILITY INFORMATION

GEOSEARCH ID: 15928 FACILITY ID: FA0000350

NAME: SHELL - UNIVERSITY #135231

ADDRESS: 1010 OLIVE DR
DAVIS, CA 95616

COUNTY: YOLO

FACILITY DETAILS

OTHER FACILITY NAME(S) LISTED FOR THIS SITE: SHELL - UNIVERSITY #135231

PERMIT AGENCY: YOLO COUNTY

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 6

Distance from Property: 0.212 mi. (1,119 ft.) SW
Elevation: 53 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: T0611318306
BUSINESS NAME: SHELL SERVICE STATION
ADDRESS: 1010 OLIVE DRIVE
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570338
STATUS: OPEN - REMEDIATION 10/22/2012
POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)

SITE HISTORY:

THE CASE WAS OPENED FOLLOWING AN UNAUTHORIZED RELEASE FROM AN UNDERGROUND STORAGE TANK SYSTEM AT THE SUBJECT SITE. CORRECTIVE ACTION IS UNDERWAY AS DIRECTED BY THE CVRWQCB. CORRECTIVE ACTION MAY CONSIST OF PRELIMINARY SITE INVESTIGATION, PLANNING AND IMPLEMENTATION OF REMEDIAL ACTION, VERIFICATION MONITORING, OR A COMBINATION THEREOF. A SUMMARY OF THE SITE HISTORY IS AVAILABLE BY CLICKING ON EITHER THE "CLEANUP STATUS HISTORY", "REGULATORY ACTIVITIES" OR THE "SITE MAPS/DOCUMENTS" TAB. FOR A COMPLETE SITE HISTORY THE CASE FILE AT THE CVRWQCB SHOULD BE CONS

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK BEGAN
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
REMEDIATION	01/01/50	IN SITU BIOLOGICAL TREATMENT
REMEDIATION	01/01/50	MONITORED NATURAL ATTENUATION
REMEDIATION	01/01/50	PUMP & TREAT (P&T) GROUNDWATER
RESPONSE	06/10/2016	WELL DESTRUCTION WORKPLAN - REGULATOR RESPONDED
RESPONSE	06/06/2016	EMAIL CORRESPONDENCE - REGULATOR RESPONDED
ENFORCEMENT	05/26/2016	STAFF LETTER
RESPONSE	05/15/2016	EMAIL CORRESPONDENCE
RESPONSE	03/03/2016	VERBAL COMMUNICATION
RESPONSE	07/30/2015	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	05/29/2015	EMAIL CORRESPONDENCE - REGULATOR RESPONDED
RESPONSE	05/11/2015	VERBAL COMMUNICATION
RESPONSE	01/30/2015	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	10/27/2014	VERBAL COMMUNICATION
RESPONSE	07/31/2014	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	01/31/2014	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	10/31/2013	CORRESPONDENCE
RESPONSE	10/14/2013	CORRESPONDENCE
ENFORCEMENT	09/16/2013	STAFF LETTER

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	07/31/2013	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	06/07/2013	SOIL AND WATER INVESTIGATION REPORT - REGULATOR RESPONDED
RESPONSE	04/22/2013	CORRESPONDENCE
RESPONSE	04/03/2013	VERBAL COMMUNICATION
ENFORCEMENT	03/18/2013	STAFF LETTER
ENFORCEMENT	02/07/2013	STAFF LETTER
ENFORCEMENT	01/17/2013	STAFF LETTER
RESPONSE	12/19/2012	OTHER WORKPLAN - REGULATOR RESPONDED
ENFORCEMENT	11/07/2012	STAFF LETTER
ENFORCEMENT	07/25/2012	STAFF LETTER
ENFORCEMENT	11/15/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	10/17/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	09/01/2011	MEETING
ENFORCEMENT	08/22/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	08/15/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	08/11/2011	STAFF LETTER
ENFORCEMENT	08/11/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	07/21/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	06/14/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	05/31/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	02/22/2011	STAFF LETTER
ENFORCEMENT	01/20/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	11/11/2010	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	10/28/2010	STAFF LETTER
RESPONSE	09/29/2010	VERBAL COMMUNICATION
RESPONSE	09/17/2010	CORRESPONDENCE
RESPONSE	08/16/2010	CORRESPONDENCE
RESPONSE	07/30/2010	MONITORING REPORT - QUARTERLY
REMEDATION	07/27/2010	IN SITU BIOLOGICAL TREATMENT
REMEDATION	07/21/2010	PUMP & TREAT (P&T) GROUNDWATER
RESPONSE	06/30/2010	CORRESPONDENCE
ENFORCEMENT	06/02/2010	STAFF LETTER
RESPONSE	06/01/2010	VERBAL COMMUNICATION
RESPONSE	05/21/2010	PILOT STUDY / TREATABILITY WORKPLAN
RESPONSE	04/30/2010	MONITORING REPORT - QUARTERLY
ENFORCEMENT	03/26/2010	STAFF LETTER
RESPONSE	03/23/2010	VERBAL COMMUNICATION
RESPONSE	01/31/2010	MONITORING REPORT - QUARTERLY
RESPONSE	11/23/2009	CORRESPONDENCE
RESPONSE	11/13/2009	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	10/30/2009	MONITORING REPORT - QUARTERLY
RESPONSE	10/23/2009	CORRESPONDENCE
RESPONSE	10/20/2009	CORRESPONDENCE
RESPONSE	10/07/2009	CORRESPONDENCE

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	08/17/2009	CORRESPONDENCE
RESPONSE	07/30/2009	MONITORING REPORT - QUARTERLY
ENFORCEMENT	07/27/2009	STAFF LETTER
RESPONSE	07/22/2009	CORRESPONDENCE
RESPONSE	06/26/2009	SOIL AND WATER INVESTIGATION WORKPLAN
ENFORCEMENT	06/09/2009	STAFF LETTER
RESPONSE	04/30/2009	MONITORING REPORT - QUARTERLY
ENFORCEMENT	04/13/2009	STAFF LETTER
RESPONSE	03/06/2009	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	01/31/2009	MONITORING REPORT - QUARTERLY
ENFORCEMENT	12/09/2008	STAFF LETTER
RESPONSE	11/28/2008	OTHER WORKPLAN
RESPONSE	11/25/2008	VERBAL COMMUNICATION
RESPONSE	11/21/2008	CORRESPONDENCE
RESPONSE	10/31/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	10/06/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	09/30/2008	STAFF LETTER
ENFORCEMENT	09/24/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	08/29/2008	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	07/31/2008	MONITORING REPORT - QUARTERLY
REMEDATION	07/08/2008	MONITORED NATURAL ATTENUATION
ENFORCEMENT	06/05/2008	STAFF LETTER
ENFORCEMENT	05/02/2008	VERBAL COMMUNICATION
ENFORCEMENT	04/30/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	04/30/2008	VERBAL COMMUNICATION
RESPONSE	06/27/2007	SOIL AND WATER INVESTIGATION WORKPLAN
RESPONSE	04/30/2007	PRELIMINARY SITE ASSESSMENT REPORT
ENFORCEMENT	04/24/2007	STAFF LETTER
ENFORCEMENT	04/24/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
OTHER	04/03/2007	LEAK REPORTED
ENFORCEMENT	03/20/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	01/30/2007	SOIL AND WATER INVESTIGATION WORKPLAN
OTHER	01/03/2007	LEAK DISCOVERY
ENFORCEMENT	12/18/2006	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
OTHER	01/01/2006	LEAK BEGAN

STATUS HISTORY

STATUS:	DATE:
OPEN - REMEDIATION	10/22/2012
OPEN - SITE ASSESSMENT	12/19/2006
OPEN - CASE BEGIN DATE	12/18/2006

CONTACT DETAILS

ORGANIZATION: **YOLO COUNTY**
 ADDRESS: **NOT REPORTED**
 CITY: **DAVIS**

GeoTracker Cleanup Sites (CLEANUPSITES)

CONTACT NAME: **FELIX YEUNG**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **NOT REPORTED**
ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE #200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **DAVID STAVAREK**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **DSTAVAREK@WATERBOARDS.CA.GOV**

[Back to Report Summary](#)

Historical Underground Storage Tanks (HISTUST)

MAP ID# 7

Distance from Property: 0.206 mi. (1,088 ft.) NE
 Elevation: 46 ft. (Lower than TP)

GENERAL CONSTRUCTION SERVICE C, 316 L STREET, DAVIS, CA 95616
 UNIQUE ID: 0002D3EE

PAGE 785	STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER TYPE REPORT FOR YOLO COUNTY	06/01/88				
CONTAINER TYPES: 1=TRUCKS, 2=TRAILERS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS						
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)						
I OWNER PACIFIC GAS AND ELECTRIC COMPANY 77 BEALE STREET SAN FRANCISCO CA 94006						
II FACILITY <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">GENERAL CONSTRUCTION SERVICE C 316 "L" STREET DAVIS CA 95616</td> <td style="width: 30%;">MAILING ADDRESS TOWNSHIP/RANGE/SECTION 316 "L" STREET DAVIS CA 95616</td> <td style="width: 20%;">DEALER/FOREMAN/SUPERVISOR TELEPHONE R.D. HICKMAN (916) 753-5625</td> <td style="width: 20%;">TYPE OF BUSINESS NO. OF CONTAINERS UTILITY 3</td> </tr> </table>			GENERAL CONSTRUCTION SERVICE C 316 "L" STREET DAVIS CA 95616	MAILING ADDRESS TOWNSHIP/RANGE/SECTION 316 "L" STREET DAVIS CA 95616	DEALER/FOREMAN/SUPERVISOR TELEPHONE R.D. HICKMAN (916) 753-5625	TYPE OF BUSINESS NO. OF CONTAINERS UTILITY 3
GENERAL CONSTRUCTION SERVICE C 316 "L" STREET DAVIS CA 95616	MAILING ADDRESS TOWNSHIP/RANGE/SECTION 316 "L" STREET DAVIS CA 95616	DEALER/FOREMAN/SUPERVISOR TELEPHONE R.D. HICKMAN (916) 753-5625	TYPE OF BUSINESS NO. OF CONTAINERS UTILITY 3			
III 24-HR. CONTACT PERSON / TELEPHONE DAY: HICKMAN, R.D. (916) 753-5625 NIGHT: HICKMAN, R.D. (916) 662-7040						
***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000024791001 *****						
IV DESCRIPTION A. CONTAINER TYPE : TANK B. MANUFACTURER/YR OF MFG: PERKINS WELDING /1973 C. YEAR INSTALLED : 1974 D. CAPACITY (GALLONS) : 9,980 E. REPAIRS : NONE IF YES WHEN : F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE: G. STORES : PRODUCT H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL						
IS CONTAINER LOCATED ON A FARM : NO						
V CONTAINER CONSTRUCTION A. THICKNESS: 3/4 INCHES B. VAULTING: NON-VAULTED C. WALLING: SINGLE WRAPPED D. MATERIAL: CARBON STEEL E. LINING: UNLINED F. WRAPPING: TAR TAR OR ASHT						
VI PIPING A. ABOVEGROUND PIPING : C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR: B. UNDERGROUND PIPING : PRESSURE						
VII LEAK DETECTION NONE						
URE TEST 12034 COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER DIESEL MOTOR VEHICLE FUEL						

*** N10 ***

Historical Underground Storage Tanks (HISTUST)

GENERAL CONSTRUCTION SERVICE C, 316 L STREET, DAVIS, CA 95616
UNIQUE ID: 0002D3EE

Page 2 out of 2

PAGE 786	STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR YOLO COUNTY	06/01/88
CONTAINER TYPES: 1 2 3 4 5 (1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)		
***** OWNER ASSIGNED CONTAINER NUMBER: #2 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000024791002 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK	E. REPAIRS : NONE IF YES WHEN :	
B. MANUFACTURER/YR OF MFG: PERKINS WELDING /1980	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : 1980	G. STORES : PRODUCT	
D. CAPACITY (GALLONS) : 12,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS; UNLEADED	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS: 1/4 INCHES	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE WRAPPED
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : TAR	TAR OR ASPHT	
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : PRESSURE	
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION		
NONE P		
URE TEST 12031	COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER UNLEADED MOTOR VEHICLE FUEL	
***** OWNER ASSIGNED CONTAINER NUMBER: #3 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000024791003 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK	E. REPAIRS : NONE IF YES WHEN :	
B. MANUFACTURER/YR OF MFG: PERKINS WELDING /1980	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : 1980	G. STORES : WASTE	
D. CAPACITY (GALLONS) : 3,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: WASTE OIL	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS: 3/16 INCHES	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE WRAPPED
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : TAR	TAR OR ASPHT	
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : GRAVITY	
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION		
NONE P		
URE TEST 12035	COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER WASTE OIL	

*** 010 ***

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Spills, Leaks, Investigation & Cleanup Recovery Listing (SLIC)

[MAP ID# 7](#)

Distance from Property: 0.206 mi. (1,088 ft.) NE
Elevation: 46 ft. (Lower than TP)

INCIDENT INFORMATION

GLOBAL ID#: SL0611326294
NAME: PG&E DAVIS SERVICE CENTER
ADDRESS: 316 L STREET
DAVIS CA 95616
LEAD AGENCY: CENTRAL VALLEY RWQCB (REGION 5S)
LEAD AGENCY CONTACT: SIDDHARTH SEWALIA
LEAD AGENCY CASE #: NOT REPORTED
SUBSTANCE RELEASED: NNM, NNPEST, VOLORGC
RESPONSIBLE PARTY: NOT REPORTED

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Underground Storage Tanks (USTCUPA)

[MAP ID# 7](#)

Distance from Property: 0.206 mi. (1,088 ft.) NE
Elevation: 46 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 3288888280 FACILITY ID: FA0000292
NAME: PG&E - DAVIS
ADDRESS: 316 L ST
 DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

OTHER FACILITY NAME(S) LISTED FOR THIS SITE: PG&E - DAVIS
PERMIT AGENCY: YOLO COUNTY

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 7

Distance from Property: 0.206 mi. (1,088 ft.) NE
Elevation: 46 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: SL0611326294
BUSINESS NAME: PG&E DAVIS SERVICE CENTER
ADDRESS: 316 L STREET
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: SL0611326294
STATUS: OPEN - REMEDIATION 03/16/2016
POTENTIAL CONTAMINATION:
* PESTICIDE/HERBICIDES, * METALS, * VOLATILE ORGANIC COMPOUNDS
POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY

SITE HISTORY:

THE SITE IS A 27-ACRE PROPERTY CURRENTLY USED BY PG&E AS A SERVICE CENTER THAT SUPPORTS REGIONAL OPERATIONS. CURRENT AND PAST OPERATIONS AT THE SITE INCLUDE AUTOMOBILE AND EQUIPMENT REPAIR, AUTOMOTIVE FUELING, STORAGE AND ROUTINE MAINTENANCE OF UTILITY SERVICE EQUIPMENT, AND ADMINISTRATIVE OPERATIONS ASSOCIATED WITH THESE ACTIVITIES. A PHASE I ENVIRONMENTAL SITE ASSESSMENT WAS CONDUCTED IN 2005. IN 2008-2009, PG&E CONDUCTED SUBSURFACE INVESTIGATION ACTIVITIES CONSISTED OF SOIL, SOIL GAS, AND GROUNDWATER SAMPLING AND ANALYSIS. SVE PILOT TEST STARTED ON MARCH 16, 2016.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
REMEDIATION	01/01/50	NOT REPORTED
ENFORCEMENT	07/06/2016	STAFF LETTER
ENFORCEMENT	02/04/2016	STAFF LETTER
ENFORCEMENT	12/08/2014	STAFF LETTER
ENFORCEMENT	11/13/2014	STAFF LETTER
ENFORCEMENT	01/29/2014	STAFF LETTER
ENFORCEMENT	10/15/2013	STAFF LETTER
ENFORCEMENT	07/26/2013	STAFF LETTER
ENFORCEMENT	06/07/2012	STAFF LETTER
ENFORCEMENT	03/15/2012	STAFF LETTER
ENFORCEMENT	11/30/2011	STAFF LETTER
ENFORCEMENT	07/27/2011	MEETING
ENFORCEMENT	07/26/2011	STAFF LETTER
ENFORCEMENT	07/19/2010	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	01/27/2010	STAFF LETTER
OTHER	02/15/2008	LEAK REPORTED
OTHER	01/06/2005	LEAK DISCOVERY
REMEDIATION	01/06/2005	NOT REPORTED

GeoTracker Cleanup Sites (CLEANUPSITES)

STATUS HISTORY

STATUS:	DATE:
OPEN - REMEDIATION	03/16/2016
OPEN - SITE ASSESSMENT	02/15/2008
OPEN - CASE BEGIN DATE	01/06/2005

CONTACT DETAILS

ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE #200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **SIDDHARTH SEWALIA**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **SSEWALIA@WATERBOARDS.CA.GOV**

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Spills, Leaks, Investigation & Cleanup Recovery Listing (SLIC)

MAP ID# 8

Distance from Property: 0.24 mi. (1,267 ft.) NW
Elevation: 53 ft. (Higher than TP)

INCIDENT INFORMATION

GLOBAL ID#: 5-SLIC -183
NAME: DAVIS ENTERPRISE
ADDRESS: 301 G STREET
DAVIS CA NOT REPORT
LEAD AGENCY: CENTRAL VALLEY RWQCB (REGION 5)
LEAD AGENCY CONTACT: NOT REPORTED
LEAD AGENCY CASE #: NOT REPORTED
SUBSTANCE RELEASED: PCE
RESPONSIBLE PARTY: NOT REPORTED

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: **SLT5S5883517**
BUSINESS NAME: **UNIVERSITY OF CALIFORNIA DAVIS**
ADDRESS: **NOT REPORTED**
DAVIS, CA 95616
COUNTY: **YOLO**

FACILITY DETAILS

CASE TYPE: **CLEANUP PROGRAM SITE**
CASE NUMBER: **SLT5S588**
STATUS: **OPEN - INACTIVE 01/02/1985**
POTENTIAL CONTAMINATION:

NOT REPORTED

POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:

FERTILIZER/PESTICIDE FILE SUMMARY 1986 - NOT SUBJECT TO TPCA, NOT INSPECTED.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
OTHER	01/02/1965	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - INACTIVE	01/02/1985
OPEN - CASE BEGIN DATE	01/01/1985
OPEN - SITE ASSESSMENT	01/01/1985

CONTACT DETAILS

ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE #200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **ZZZ**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **INFO5@WATERBOARDS.CA.GOV**

[Back to Report Summary](#)

EnviroStor Cleanup Sites (ENVIROSTOR)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

SITE INFORMATION

ID #: 57890001 ASSESSOR'S PARCEL #: NONE SPECIFIED

NAME: CA UNIV/DAVIS - USDA WEED CONTROL LAB

ADDRESS: UNIVERSITY OF CALIFORNIA, DAVIS
DAVIS, CA 95616

COUNTY: YOLO

SITE SIZE (ACRES): 1

LEAD AGENCY: NONE SPECIFIED

DTSC PROJECT MANAGER: NOT REPORTED

DTSC SUPERVISOR: REFERRED - NOT ASSIGNED

DTSC DIVISION BRANCH: CLEANUP SACRAMENTO

NPL LISTED: NO RESTRICTED LAND USE: NO

SITE TYPE: EVALUATION

SITE TYPE DESCRIPTION

EVALUATION: IDENTIFIES SUSPECTED, BUT UNCONFIRMED, CONTAMINATED SITES THAT NEED OR HAVE GONE THROUGH AN INVESTIGATION AND ASSESSMENT PROCESS. IF A SITE IS FOUND TO HAVE CONFIRMED CONTAMINATION, IT WILL CHANGE FROM EVALUATION TO EITHER A STATE RESPONSE OR VOLUNTARY CLEANUP SITE TYPE. SITES FOUND TO HAVE NO CONTAMINATION AT THE COMPLETION OF THE INVESTIGATION AND ASSESSMENT PROCESS RESULT IN A NO ACTION REQUIRED (FOR PHASE 1 ASSESSMENTS) OR NO FURTHER ACTION (FOR PHASE 2 ASSESSMENTS) DETERMINATION.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 7/24/1991)

REFER: RWQCB -

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN

NONESPECIFIED - NONE SPECIFIED

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CALSITES Database (CALSITES)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

FACILITY INFORMATION

ID #: 57890001

NAME: CA UNIV/DAVIS - USDA WEED CONTROL LAB

ADDRESS: UNIVERSITY OF CALIFORNIA, DAVIS
DAVIS, CA

STATUS (DATE): PROPERTY/SITE REFERRED TO RWQCB (07241991)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MISCELLANEOUS SERVICES

ACCESS TO SITE: NOT REPORTED

GROUNDWATER CONTAMINATION: NOT REPORTED

COMMENTS

FACILITY ESTABLISHED IN 1963 TO CONDUCT RESEARCH ON THE BIOLOGY AND CONTROL OF AQUATIC PLANTS. EIGHT SMALL PONDS BUILT IN 1975 USED FOR TWO YEARS TO CONDUCT RESEARCH ON AQUATIC WEED CONTROL. TWO LINED SURFACE IMPOUNDMENTS CURRENTLY EXIST ON-SITE AND ARE USED FOR PLANT CULTURE. WITH RWQCB OVERSIGHT, A SITE ASSESSMENT WAS CONDUCTED TO STUDY POSSIBLE IMPACTS FROM LAB ACTIVITIES TO 1) WATER, SEDIMENT, AND SUBLINER SOILS IN THE TWO ACTIVE SURFACE IMPOUNDMENTS, 2) SEPTIC SYSTEM LEACHFIELD SOILS, AND 3) SEPTIC TANK LIQUIDS AND SLUDGES. FOUR ORGANIC CONSTITUENTS (TOLUENE, ACETONE, DICHLOROPROP, AND 2,4-DB) WERE DETECTED IN THE WATER AND SEDIMENT OF THE TWO LINED SURFACE IMPOUNDMENTS, HOWEVER, THESE CONSTITUENTS WERE NOT DETECTED IN THE NATIVE SOILS BENEATH THE LINERS. ONE VOC, TWO SEMIVOLATILE COMPOUNDS, AND TWO PESTICIDES WERE DETECTED IN SEPTIC TANK WATER AND THREE VOC'S AND ONE PESTICIDE WERE DETECTED IN SEPTIC TANK SLUDGE. NONE OF THESE COMPOUNDS WERE DETECTED IN SOILS OF THE SEPTIC SYSTEM LEACHFIELD. THE RWQCB IS IN THE PROCESS OF DEVELOPING WASTE DISCHARGE REQUIREMENTS FOR THE SITE. URS CONSULTANTS COMPLETED A FEDERAL FACILITY PRELIMINARY ASSESSMENT REVIEW ON MARCH 4, 1994. USEPA DECIDED THAT NO FURTHER REMEDIAL SITE ASSESSMENT WAS REQUIRED UNDER CERCLA.

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Referred to Another Local or State Agency (REF)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

ID#: 000057890001

NAME: CA UNIV/DAVIS - USDA WEED CONTROL LAB

ADDRESS: UNIVERSITY OF CALIFORNIA, DAVIS
DAVIS, CA 95616

COUNTY: YOLO

DTSC BRANCH: CENTRAL CALIFORNIA

REGIONAL WATER QUALITY BOARD: NOT REPORTED

LEAD AGENCY: N/A

STATUS: 07241991 - PROPERTY/SITE REFERRED TO RWQCB

SITE TYPE: N/A

STANDARD INDUSTRIAL CLASSIFICATION: MISCELLANEOUS SERVICES

NPL: NOT REPORTED

STAFF: NOT REPORTED

SITE ACCESS: UNCONTROLLED

CORTESE LISTING: NOT REPORTED

HAZARD RANKING SCORE: NOT REPORTED

HAZARD RANKING DATE: NOT REPORTED

GROUNDWATER CONTAMINATION: UNKNOWN

CAUSE OF RELEASE OR POTENTIAL FOR RELEASE OF A HAZARDOUS SUBSTANCE:

NOT REPORTED

COMMENTS BY DTSC STAFF:

04181994

URS CONSULTANTS COMPLETED A FEDERAL FACILITY PRELIMINARY ASSESSMENT REVIEW ON MARCH 4, 1994. USEPA DECIDED THAT NO FURTHER REMEDIAL SITE ASSESSMENT WAS REQUIRED UNDER CERCLA.

07241991

FACILITY ESTABLISHED IN 1963 TO CONDUCT RESEARCH ON THE BIOLOGY AND CONTROL OF AQUATIC PLANTS. EIGHT SMALL PONDS BUILT IN 1975 USED FOR TWO YEARS TO CONDUCT RESEARCH ON AQUATIC WEED CONTROL. TWO LINED SURFACE IMPOUNDMENTS CURRENTLY EXIST ON-SITE AND ARE USED FOR PLANT CULTURE. WITH RWQCB OVERSIGHT, A SITE ASSESSMENT WAS CONDUCTED TO STUDY POSSIBLE IMPACTS FROM LAB ACTIVITIES TO 1) WATER, SEDIMENT, AND SUBLINER SOILS IN THE TWO ACTIVE SURFACE IMPOUNDMENTS, 2) SEPTIC SYSTEM LEACHFIELD SOILS, AND 3) SEPTIC TANK LIQUIDS AND SLUDGES. FOUR ORGANIC CONSTITUENTS (TOLUENE, ACETONE, DICHLOROPROP, AND 2,4-DB) WERE DETECTED IN THE WATER AND SEDIMENT OF THE TWO LINED SURFACE IMPOUNDMENTS. HOWEVER, THESE CONSTITUENTS WERE NOT DETECTED IN THE NATIVE SOILS BENEATH THE LINERS. ONE VOLATILE ORGANIC COMPOUNDS (VOC), SEMIVOLATILE COMPOUNDS, AND TWO PESTICIDES WERE DETECTED IN SEPTIC TANK WATER AND THREE VOC'S AND ONE PESTICIDE WERE DETECTED IN SEPTIC TANK SLUDGE. NONE OF THESE COMPOUNDS WERE DETECTED IN SOILS OF THE SEPTIC SYSTEM LEACHFIELD. THE RWQCB IS IN THE PROCESS OF DEVELOPING WASTE DISCHARGE REQUIREMENTS FOR THE SITE.

PROJECTED ACTIVITIES TO BE COMPLETED AT SITE:

COMPLETION DATE: 07/24/1991

ACTIVITY: SS

NAME: SITE SCREENING

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Solid Waste Information System Sites (SWIS)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

FACILITY INFORMATION

GEOSEARCH ID: 48-AA-0092SWIS
ID NUMBER: 48-AA-0092
NAME: BIOGAS ENERGY PROJECT
LOCATION: ONE SHIELD AVE.
UC DAVIS, CA 95616
COUNTY: SOLANO
LATITUDE: 38.522550000
LONGITUDE: -121.754930000

OWNER INFORMATION

NAME: UC DAVIS
ADDRESS: ONE SHIELDS AVE.
DAVIS, CA 95616

OPERATOR INFORMATION

NAME: DEREK DOWNEY
ADDRESS: 2535 WESTERNESS RD.
DAVIS CA 95616

FACILITY DETAILS

SITE ID: 11140
LAND USE: RESIDENTIAL
PERMIT DATE: 08/05/11
PERMIT STATUS: NOTIFICATION
ENFORCEMENT AGENCY: COUNTY OF SOLANO

UNIT

CATEGORY: COMPOSTING
UNIT #: 01
REGULATORY STATUS: NOTIFICATION
OPERATIONAL STATUS: NOTIFICATION
ACTIVITY: COMPOSTING OPERATION (RESEARCH)
INSPECTION: ANNUAL
ACCEPTED WASTE: AGRICULTURAL,FOOD WASTES,GREEN MATERIALS,MANURE
CAPACITY: 2000
REMAINING CAPACITY: NOT REPORTED
THROUGHPUT: 7
DISPOSAL ACREAGE: NOT REPORTED
CLOSURE DATE: NOT REPORTED

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Solid Waste Information System Sites (SWIS)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

FACILITY INFORMATION

GEOSEARCH ID: 57-AA-0036SWIS
ID NUMBER: 57-AA-0036
NAME: UNIVERSITY OF CALIFORNIA, DAVIS
LOCATION: ONE SHIELDS DRIVE
DAVIS, CA 95616
COUNTY: YOLO
LATITUDE: 38.532620000
LONGITUDE: -121.766440000

OWNER INFORMATION

NAME: UNIVERSITY OF CALIFORNIA, DAVIS
ADDRESS: ONE SHIELDS AVE.
DAVIS, CA 95616

OPERATOR INFORMATION

NAME: UNIVERSITY OF CALIFORNIA, DAVIS
ADDRESS: ONE SHIELDS AVE.
DAVIS CA 95616

FACILITY DETAILS

SITE ID: 10949
LAND USE: RESIDENTIAL,RECREATIONAL,AGRICULTURAL
PERMIT DATE: 5/22/2009
PERMIT STATUS: EXPIRED
ENFORCEMENT AGENCY: COUNTY OF YOLO

UNIT

CATEGORY: COMPOSTING
UNIT #: 01
REGULATORY STATUS: NOTIFICATION
OPERATIONAL STATUS: NOTIFICATION
ACTIVITY: COMPOSTING OPERATION (RESEARCH)
INSPECTION: QUARTERLY
ACCEPTED WASTE: DEAD ANIMALS,MANURE
CAPACITY: 60
REMAINING CAPACITY: NOT REPORTED
THROUGHPUT: 60
DISPOSAL ACREAGE: NOT REPORTED
CLOSURE DATE: 8/1/2009

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Waste Management Unit Database (WMUDS)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

FACILITY INFORMATION

FACILITY#: 5A480300N01

NAME: LEHR

CONTACT: NOT REPORTED

ADDRESS: OLD DAVIS RD, UC DAVIS
 DAVIS CA, CA 95616

TYPE: NOT REPORT

STATUS: NOT REPORTED

STATUS DATE: NOT REPO

WASTE TYPE: NOT REPORT

COMMENTS: NOT REPORTED

FORMATION INFORMATION

NAME: NOT REPORTED

STATUS: NOT REPORTED

PERMIABILITY: NOT REPORTED

GROUNDWATER DEPTH: NOT REPORTED

COMMENTS: NOT REPORTED

PERMIABILITY: NOT REPORTED

GROUNDWATER DEPTH: NOT REPORTED

COMMENTS: NOT REPORTED

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National Priorities List (NPL)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

FACILITY INFORMATION

EPA ID#: CA2890190000

SITE ID#: 0904786

NAME: LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH/OLD CAMPUS LANDFILL (USDOE)

ADDRESS: OLD DAVIS RD
DAVIS, CA 95616

COUNTY: SOLANO

NATIONAL PRIORITY LISTING: F - CURRENTLY ON THE FINAL NPL

FEDERAL FACILITY CLASSIFICATION: Y - FEDERAL FACILITY

NON-NPL STATUS: NOT REPORTED -

NON-NPL STATUS DATE: NOT REPORTED

PHYSICAL CLASSIFICATION OF SITE / INCIDENT: NO INFORMATION AVAILABLE

FEDERAL REGISTER INFORMATION

DATE	VOLUME	PAGE #	ACTION	HRS SCORE
05/31/1994	59	27989	PROMULGATED TO THE FINAL NPL	50.00000
01/18/1994	59	2568	PROPOSED TO THE FINAL NPL	50.00000

SITE DESCRIPTION

THE LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH (LEHR) IS A FORMER RESEARCH FACILITY OPERATED BY THE UNITED STATES DEPARTMENT OF ENERGY (DOE) AT THE UNIVERSITY OF CALIFORNIA (UC) DAVIS. THE FOLLOWING TERMINOLOGY IS USED IN THIS RECORD OF DECISION (ROD) AND OTHER DOCUMENTS CONTAINED IN THE LEHR ADMINISTRATIVE RECORD TO REFER TO VARIOUS AREAS OF THE SITE:

-LEHR SITE-AS DEFINED IN THE FEDERAL FACILITY AGREEMENT, THE AREA REFERRED TO ON THE NATIONAL PRIORITIES LIST AS "LEHR/OLD CAMPUS LANDFILL."

-DOE AREAS-PORIONS OF THE LEHR FEDERAL FACILITY AREAS WHERE THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) OR CALIFORNIA GROUNDWATER PROTECTION STANDARDS ARE EXCEEDED (I.E., THE SOUTHWEST TRENCHES [SWT] AREA, THE RADIUM/STRONTIUM [RA/SR] TREATMENT SYSTEMS AREA, DOMESTIC SEPTIC SYSTEMS [DSSS] 3 AND 4, DRY WELLS A-E, AND THE EASTERN DOG PENS [EDPS] AREA).

-UC DAVIS AREAS-PORIONS OF THE LEHR SITE THAT INCLUDE LANDFILL DISPOSAL UNITS 1, 2, AND 3; THE 49 WASTE BURIAL HOLES; THE EASTERN AND SOUTHERN DISPOSAL TRENCHES; AND GROUNDWATER.

LEHR IS LOCATED IMMEDIATELY EAST OF OLD DAVIS ROAD, ABOUT 2,500 FEET (FT) SOUTH OF U.S. INTERSTATE 80 IN SOLANO COUNTY, CALIFORNIA, IN THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 8 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN. THE FORMER LEHR FACILITY IS LOCATED ON THE SOUTHERN PORTION OF SOLANO COUNTY ASSESSOR'S PARCEL NUMBER 110-05-04. IT IS APPROXIMATELY 1.5 MILES SOUTH OF THE CITY OF DAVIS, IN THE SOUTHEAST PORTION (SOUTH CAMPUS AREA) OF THE UC DAVIS CAMPUS.

THE LEHR/OLD CAMPUS LANDFILL WAS PLACED ON THE NATIONAL PRIORITIES LIST IN MAY 1994 BECAUSE CONTAMINATION AT THE SITE WAS CONSIDERED TO POSE SIGNIFICANT RISK TO HUMAN HEALTH AND/OR THE ENVIRONMENT.

DOE IS THE LEAD AGENCY RESPONSIBLE FOR THE REMEDIATION OF THE ENVIRONMENTAL IMPACTS ASSOCIATED WITH PAST ACTIVITIES AT THE LEHR FEDERAL FACILITY PORTION OF THE LEHR/OLD CAMPUS LANDFILL. DOE IS REMEDIATING THE SITE WITH SUPPORT FROM ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION 9, AND THE STATE OF

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CALIFORNIA'S DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC), THE CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD (RWQCB), AND THE DEPARTMENT OF PUBLIC HEALTH, RADIOLOGIC HEALTH BRANCH. THE REMEDIATION IS FUNDED BY DOE OFFICE OF LEGACY MANAGEMENT.

THE SITE IS PRESENTLY OCCUPIED BY THE UC DAVIS CENTER FOR HEALTH AND THE ENVIRONMENT, WHICH CONDUCTS TOXICOLOGY, EPIDEMIOLOGY, RADIATION BIOLOGY, AND RADIOCHEMISTRY RESEARCH. SITE FACILITIES CURRENTLY CONSIST OF 16 BUILDINGS, INCLUDING A MAIN ADMINISTRATION AND OFFICE BUILDING, TWO FORMER ANIMAL HOSPITALS, A LABORATORY, AND SUPPORT BUILDINGS. FORMER FACILITIES INCLUDE RADIOACTIVE WASTEWATER TREATMENT SYSTEMS, AN INDOOR/OUTDOOR COBALT-60 (CO-60) IRRADIATION FIELD, A RADIOACTIVE WASTE BURIAL AREA, AND OUTDOOR DOG PENS. PRESENTLY INACTIVE CAMPUS LANDFILL UNITS AND NUMEROUS DISPOSAL SITES (I.E., TRENCHES AND HOLES) WERE USED TO DISPOSE OF WASTE FROM CAMPUS ACTIVITIES AND ARE BEING EVALUATED BY UC DAVIS.

FROM 1958 TO 1988, RESEARCH AT LEHR FOCUSED ON THE LONG-TERM HEALTH EFFECTS OF LOW-LEVEL RADIATION ON LABORATORY ANIMALS. THE RESEARCH PROJECTS WERE FUNDED PRIMARILY BY DOE. DISPOSAL OF CHEMICAL AND RADIOACTIVE LABORATORY AND CAMPUS WASTE RESULTED IN SOIL AND GROUNDWATER CONTAMINATION AT LEHR.

DOE AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ENTERED INTO A MEMORANDUM OF AGREEMENT TO ALLOCATE RESPONSIBILITY FOR ENVIRONMENTAL RESTORATION OF THE LEHR/OLD CAMPUS LANDFILL SUPERFUND SITE. UNDER THIS AGREEMENT, DOE IS RESPONSIBLE FOR ENVIRONMENTAL RESTORATION OF ENVIRONMENTAL IMPACTS ASSOCIATED WITH THE LEHR FEDERAL FACILITY, AND UC DAVIS IS RESPONSIBLE FOR ENVIRONMENTAL RESTORATION OF OLD CAMPUS LANDFILL AREAS, INCLUDING BUT NOT LIMITED TO, LAND DISPOSAL UNITS 1, 2, AND 3; THE 49 WASTE BURIAL HOLES; THE UC DAVIS DISPOSAL TRENCHES; AND SITE GROUNDWATER IMPACTS NOT ASSOCIATED WITH DOE'S ACTIVITIES.

DOE RELEASED ALL OF THE LEHR BUILDINGS TO UC DAVIS FOR UNRESTRICTED USE IN COMPLIANCE WITH DOE ORDER 5400.5, RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT, AND ACCELERATED SITE CLEANUP BY COMPLETING SEVERAL REMOVAL ACTIONS THAT SUCCESSFULLY ADDRESSED PRINCIPAL ENVIRONMENTAL THREATS AT THE LEHR FEDERAL FACILITY. FOLLOWING THE REMOVAL ACTIONS, RISKS TO HUMAN HEALTH AND THE ENVIRONMENT WERE ESTIMATED FOR THE DOE DISPOSAL BOX, DSS 1, DSS 5, DSS 6, DSS 7, AND WDP AREAS IN THE SITE-WIDE RISK ASSESSMENT. HUMAN HEALTH AND ECOLOGICAL RISK CHARACTERIZATIONS WERE PERFORMED TO EXAMINE THE STRENGTHS AND WEAKNESSES OF LINES OF EVIDENCE INDICATING WHETHER CONSTITUENTS OF POTENTIAL CONCERN (COPCS) POSE SIGNIFICANT RISKS. A GROUNDWATER RISK CHARACTERIZATION WAS INCLUDED IN THE HUMAN HEALTH RISK CHARACTERIZATION DOCUMENT. AS DOCUMENTED IN THEIR APPROVAL OF SITE-WIDE RISK ASSESSMENT, VOLUME I HUMAN HEALTH RISK ASSESSMENT (PART B RISK CHARACTERIZATION FOR DOE AREAS), THE REMEDIAL PROJECT MANAGERS MADE A RISK MANAGEMENT DECISION THAT THE RISKS WERE INSIGNIFICANT AND NO FURTHER ACTION IS REQUIRED AT THE FOLLOWING AREAS OF THE LEHR FEDERAL FACILITY:

-DSSS AREAS OTHER THAN DSSS 3 AND 4;

-DOE DISPOSAL BOX; AND

-WESTERN DOG PENS (WDPS).

SIMILARLY, BASED ON DOE'S COMPLIANCE WITH DOE ORDER 5400.5 FOR RELEASE OF PROPERTY FOR UNRESTRICTED USE (62 FR 51844-51845), NO ACTION OR NO FURTHER ACTION IS REQUIRED AT:

-ALL LEHR BUILDINGS (INCLUDING THE IMHOFF WASTEWATER TREATMENT FACILITY DEMOLISHED IN 1995); AND

-CO-60 IRRADIATION FIELD (NO IDENTIFIED CONTAMINATION AND NO POTENTIAL FOR CONTAMINATION BASED ON

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HISTORICAL USE).

THE FOLLOWING AREAS OF THE LEHR FEDERAL FACILITY REQUIRE ADDITIONAL ACTION BECAUSE THEY CONTAIN CONTAMINANTS THAT PRESENT POTENTIAL EXCESS CANCER RISKS OF ABOVE 1 IN 1 MILLION OR HAVE THE POTENTIAL TO IMPACT GROUNDWATER QUALITY WITHIN THE NEXT 500 YEARS BY INCREASING CONTAMINANT CONCENTRATIONS IN GROUNDWATER ABOVE BACKGROUND CONCENTRATIONS:

-RA/SR TREATMENT SYSTEMS AREA;

-DSSS 3 AND 4 AND DRY WELLS A-E;

-SWT AREA; AND

-EDPS AREA.

NO ECOLOGICAL RISKS WERE IDENTIFIED IN THESE AREAS.

THE U.S. ATOMIC ENERGY COMMISSION FIRST SPONSORED RADIOLOGICAL STUDIES ON LABORATORY ANIMALS AT UC DAVIS IN THE EARLY 1950S. INITIALLY SITUATED ON THE MAIN CAMPUS, LEHR WAS RELOCATED TO ITS PRESENT LOCATION IN 1958. RESEARCH AT LEHR THROUGH THE LATE 1980S WAS FOCUSED ON HEALTH EFFECTS FROM CHRONIC EXPOSURE TO RADIONUCLIDES, PRIMARILY STRONTIUM-90 (SR-90) AND RADIUM-226 (RA-226), USING BEAGLES AS RESEARCH SUBJECTS. OTHER RELATED RESEARCH WAS CONDUCTED AT THE SITE CONCURRENTLY WITH THESE LONG-TERM STUDIES. IN THE EARLY 1970S, A CO-60 IRRADIATOR FACILITY WAS CONSTRUCTED AT THE SITE TO STUDY THE EFFECTS OF CHRONIC EXPOSURE TO GAMMA RADIATION ON HUMANS, AGAIN USING BEAGLES.

A CAMPUS LANDFILL WITH TWO WASTE BURIAL UNITS THAT WERE USED FROM THE 1940S UNTIL THE MID-1960S IS LOCATED AT THE SITE. SEVERAL LOW-LEVEL RADIOACTIVE-WASTE BURIAL AREAS WERE ALSO PRESENT AT THE SITE, AND CAMPUS AND LEHR RESEARCH WASTE WAS BURIED IN THESE AREAS UNTIL 1974 IN ACCORDANCE WITH REGULATIONS IN EFFECT AT THE TIME. THE PRINCIPAL ENVIRONMENTAL THREATS POSED BY CONTAMINANT RELEASES ASSOCIATED WITH LEHR ACTIVITIES HAVE BEEN MITIGATED DURING SEVERAL REMOVAL ACTIONS CONDUCTED AT THE SITE SINCE 1996.

ALL DOE-FUNDED RESEARCH ACTIVITIES AT LEHR HAD CEASED BY 1988, AND IN THE SAME YEAR, PURSUANT TO A MEMORANDUM OF AGREEMENT BETWEEN DOE AND THE UNIVERSITY OF CALIFORNIA, DOE'S OFFICE OF ENERGY RESEARCH INITIATED ACTIVITIES TO CLOSE OUT THE RESEARCH PROGRAM AT LEHR.

IN MAY 1994, EPA ADDED THE SITE TO THE NATIONAL PRIORITIES LIST. IN 1995, DOE DEMOLISHED THE IMHOFF WASTEWATER TREATMENT FACILITY AS A VOLUNTARY REMOVAL ACTION, AND BY 1997, DOE HAD COMPLETED BUILDING DECONTAMINATION AND DECOMMISSIONING (62 FR 51844-51845). IN 1997, A SECOND MEMORANDUM OF AGREEMENT DIVIDED THE RESPONSIBILITY FOR ENVIRONMENTAL REMEDIATION BETWEEN DOE AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA. BY DECEMBER 1999, DOE ENTERED INTO A FEDERAL FACILITY AGREEMENT WITH EPA, RWQCB, DPH, AND DTSC, WHEREBY DOE IS RESPONSIBLE FOR THE REMEDIATION OF THE RA/SR TREATMENT SYSTEMS; A WASTE BURIAL AREA KNOWN AS THE DOE DISPOSAL BOX; ON-SITE DOMESTIC SEPTIC TANKS, ASSOCIATED LEACH FIELDS, AND DRY WELLS; DOE DISPOSAL TRENCHES; AND THE FORMER DOG PENS. UNDER A SEPARATE AGREEMENT WITH EPA AND THE STATE AGENCIES, UC DAVIS IS RESPONSIBLE FOR REMEDIATION OF THREE LANDFILLS, DISPOSAL TRENCHES LOCATED SOUTH AND EAST OF LANDFILL NO. 2, 49 WASTE HOLES, AN OLD WASTEWATER TREATMENT PLANT, GROUNDWATER IMPACTED BY THE SITE, AND SURFACE WATER AND STORM WATER RUNOFF IMPACTED BY UC DAVIS.

SINCE ENTERING INTO THE FEDERAL FACILITY AGREEMENT IN 1999, DOE CONDUCTED ADDITIONAL SOIL AND GROUNDWATER CHARACTERIZATION AND REMOVAL OF CONTAMINATED UNDERGROUND TANKS, TRENCH STRUCTURES, AND CONTAMINATED SOIL AT THE SITE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 300.415 (B)(4)(I) OF THE

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NATIONAL CONTINGENCY PLAN (NCP). REMOVAL ACTIONS AT THE DOE AREAS WERE COMPLETED IN 2002.

IN 2005, DOE TRANSFERRED OWNERSHIP OF ALL OF DOE'S LEHR BUILDINGS AND ASSOCIATED UTILITIES TO UC DAVIS. TITLE TO THE BUILDINGS AND UTILITIES WAS TRANSFERRED TO THE REGENTS OF THE UNIVERSITY OF CALIFORNIA BY A QUITCLAIM DEED, EFFECTIVE JULY 1, 2005. UC DAVIS REQUESTED, AND THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES GRANTED, AN AMENDMENT TO THEIR BROADSCOPE RADIOACTIVE MATERIALS LICENSE NO.1334-57, TO COVER BUILDINGS RELEASED BY DOE. IN 2009, DOE AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ESTABLISHED A MEMORANDUM OF AGREEMENT WHICH:

-ASSIGNED TO DOE THE RESPONSIBILITY FOR REMEDIATION OF GROUNDWATER IMPACTS FROM DOE AREAS;

-ALLOWS DOE TO IMPLEMENT LAND-USE RESTRICTIONS IN ACCORDANCE WITH THE PROPOSED PLAN AND THIS RECORD OF DECISION (ROD); AND

-PROVIDES DOE AND ITS AGENTS REASONABLE ACCESS TO THE DOE AREAS FOR THE PURPOSE OF CONDUCTING LONG-TERM MONITORING, MAINTENANCE, AND CONTINGENT REMEDIATION.

A ROD ADDRESSING OPERABLE UNIT (OU) 1 AT THE LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH/OLD CAMPUS LANDFILL (USDOE) SITE WAS COMPLETED IN DECEMBER 2009.

SITE HISTORY - NO SITE HISTORY INFORMATION AVAILABLE -

ACTIONS

TYPE: **SI - SITE INSPECTION**

START DATE: **NR**

COMPLETION DATE: **09/30/1991**

ACTION TYPE DEFINITION:

THE PROCESS OF COLLECTING SITE DATA AND SAMPLES TO CHARACTERIZE THE SEVERITY OF THE HAZARD FOR THE HAZARD RANKING SCORE AND/OR ENFORCEMENT SUPPORT.

TYPE: **LV - FEDERAL FACILITY REMOVAL**

START DATE: **04/19/2001**

COMPLETION DATE: **02/19/2004**

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF FEDERAL FACILITY RESPONSE ACTION FOR REMOVALS INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF FEDERAL FACILITIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF SARA AND IAG OR MOA.

TYPE: **NF - FINAL LISTING ON NATIONAL PRIORITIES LIST**

START DATE: **NR**

COMPLETION DATE: **05/31/1994**

ACTION TYPE DEFINITION:

SITE MOVED FROM PROPOSED LIST TO FINAL NATIONAL PRIORITY LIST.

TYPE: **NH - FEDERAL FACILITY REMEDIAL INVESTIGATION**

START DATE: **09/30/1994**

COMPLETION DATE: **09/18/2003**

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF FEDERAL FACILITY RESPONSE ACTION FOR REMEDIAL INVESTIGATION (RI), INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF FEDERAL FACILITIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF SARA AND IAG OR MOA. THE REMEDIAL INVESTIGATION GATHERS DATA NECESSARY TO: (1) DETERMINE THE NATURE AND EXTENT OF PROBLEMS AT THE SITE; (2) ESTABLISH CLEANUP CRITERIA FOR THE SITE; (3) IDENTIFY PRELIMINARY ALTERNATIVE REMEDIAL ACTIONS; AND (4)

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SUPPORT THE TECHNICAL AND COST ANALYSES OF THE ALTERNATIVES.

TYPE: **NP - PROPOSAL TO NATIONAL PRIORITIES LIST**

START DATE: **NR**

COMPLETION DATE: **01/18/1994**

ACTION TYPE DEFINITION:

SITE PROPOSED FOR INCLUSION ON THE NATIONAL PRIORITY LIST BASED ON THE HAZARD RANKING SYSTEM (HRS) SCORE FOR THE SITE.

TYPE: **PA - PRELIMINARY ASSESSMENT**

START DATE: **NR**

COMPLETION DATE: **05/11/1990**

ACTION TYPE DEFINITION:

COLLECTION OF DIVERSE EXISTING INFORMATION ABOUT THE SOURCE AND NATURE OF THE SITE HAZARD. IT IS EPA POLICY TO COMPLETE THE PRELIMINARY ASSESSMENT WITHIN ONE YEAR OF SITE DISCOVERY.

TYPE: **LV - FEDERAL FACILITY REMOVAL - NON-TIME CRITICAL**

START DATE: **05/12/1998**

COMPLETION DATE: **06/13/2001**

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF FEDERAL FACILITY RESPONSE ACTION FOR REMOVALS INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF FEDERAL FACILITIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF SARA AND IAG OR MOA.

TYPE: **RO - RECORD OF DECISION**

START DATE: **NR**

COMPLETION DATE: **12/15/2009**

ACTION TYPE DEFINITION:

THE FINAL RECORD OF DECISION (ROD) IS SIGNED BY THE APPROPRIATE AGENCY INDICATING THAT THE AGENCY HAS CHOSEN THE REMEDY FOR SITE REMEDIATION. ROD SIGNATURE IS SIGNIFIED BY THE COMPLETE DATE.

TYPE: **NI - FEDERAL FACILITY FEASIBILITY STUDY**

START DATE: **09/22/2005**

COMPLETION DATE: **03/07/2008**

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF FEDERAL FACILITY RESPONSE ACTION FOR FEASIBILITY STUDY (FS), INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF FEDERAL FACILITIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF SARA AND IAG OR MOA. THE FEASIBILITY STUDY IS A STUDY OF A HAZARDOUS WASTE STATE TO: (1) EVALUATE ALTERNATIVE REMEDIAL ACTIONS FROM TECHNICAL, ENVIRONMENTAL, AND COST EFFECTIVENESS PERSPECTIVES; (2) RECOMMEND THE COST-EFFECTIVE REMEDIAL ACTION; AND (3) PREPARE A CONCEPTUAL DESIGN , A COST ESTIMATE FOR BUDGETARY PURPOSES, AND A PRELIMINARY CONSTRUCTION SCHEDULE.

TYPE: **TG - TECHNICAL ASSISTANCE GRANT**

START DATE: **03/30/1995**

COMPLETION DATE: **01/14/2001**

ACTION TYPE DEFINITION:

A GRANT OF UP TO \$50,000 PROVIDED UNDER SARA TO A COMMUNITY FOR TECHNICAL ASSISTANCE IN DEALING WITH SUPERFUND ISSUES AT A NATIONAL PRIORITY LIST (NPL) SITE.

TYPE: **TG - TECHNICAL ASSISTANCE GRANT**

START DATE: **01/15/2001**

COMPLETION DATE: **06/11/2010**

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ACTION TYPE DEFINITION:

A GRANT OF UP TO \$50,000 PROVIDED UNDER SARA TO A COMMUNITY FOR TECHNICAL ASSISTANCE IN DEALING WITH SUPERFUND ISSUES AT A NATIONAL PRIORITY LIST (NPL) SITE.

TYPE: RN - REMOVAL NEGOTIATIONS

START DATE: 12/05/1997

COMPLETION DATE: 09/30/1999

ACTION TYPE DEFINITION:

REMOVAL NEGOTIATIONS ARE DEFINED AS DISCUSSIONS BETWEEN EPA AND THE POTENTIALLY RESPONSIBLE PARTIES (PRPS) ON THE LIABILITY FOR AND CONDUCT OF A REMOVAL.

TYPE: HR - HAZARD RANKING SYSTEM PACKAGE

START DATE: NR

COMPLETION DATE: 01/11/1994

ACTION TYPE DEFINITION:

A NUMERIC ESTIMATE OF THE RELATIVE SEVERITY OF A HAZARDOUS SUBSTANCE RELEASE OR POTENTIAL RELEASE BASED ON: (1) THE RELATIVE POTENTIAL OF SUBSTANCES TO CAUSE HAZARDOUS SITUATIONS; (2) THE LIKELIHOOD AND RATE AT WHICH THE SUBSTANCES MAY AFFECT HUMAN AND ENVIRONMENTAL RECEPTORS; AND (3) THE SEVERITY AND MAGNITUDE OF POTENTIAL EFFECTS. THE SCORE IS COMPUTED USING THE HAZARD RANKING SYSTEM (HRS).

TYPE: FI - FEDERAL INTERAGENCY AGREEMENT

START DATE: 06/12/1995

COMPLETION DATE: 10/29/1999

ACTION TYPE DEFINITION:

AGREEMENT BETWEEN THE FEDERAL FACILITY, EPA, AND WHENEVER POSSIBLE, THE STATE REQUIRING THE FEDERAL FACILITY TO CONDUCT CERCLA RESPONSE ACTIONS AT THE FACILITY OR PORTION OF THE FACILITY ON OR PROPOSED TO THE NATIONAL PRIORITY LIST (NPL).

TYPE: EE - ENGINEERING EVALUATION/COST ANALYSIS

START DATE: 06/01/1999

COMPLETION DATE: 08/24/1999

ACTION TYPE DEFINITION:

STUDY TO IDENTIFY THE OBJECTIVES OF A REMOVAL ACTION AND TO ANALYZE THE COST EFFECTIVENESS AND IMPLEMENTABILITY OF THE VARIOUS ALTERNATIVES THAT MAY BE USED TO SATISFY THESE OBJECTIVES.

TYPE: PA - PRELIMINARY ASSESSMENT

START DATE: NR

COMPLETION DATE: 02/25/1990

ACTION TYPE DEFINITION:

COLLECTION OF DIVERSE EXISTING INFORMATION ABOUT THE SOURCE AND NATURE OF THE SITE HAZARD. IT IS EPA POLICY TO COMPLETE THE PRELIMINARY ASSESSMENT WITHIN ONE YEAR OF SITE DISCOVERY.

TYPE: EE - ENGINEERING EVALUATION/COST ANALYSIS

START DATE: 11/01/1995

COMPLETION DATE: 12/05/1997

ACTION TYPE DEFINITION:

STUDY TO IDENTIFY THE OBJECTIVES OF A REMOVAL ACTION AND TO ANALYZE THE COST EFFECTIVENESS AND IMPLEMENTABILITY OF THE VARIOUS ALTERNATIVES THAT MAY BE USED TO SATISFY THESE OBJECTIVES.

TYPE: EE - ENGINEERING EVALUATION/COST ANALYSIS

START DATE: 01/30/1997

COMPLETION DATE: 05/12/1998

ACTION TYPE DEFINITION:

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STUDY TO IDENTIFY THE OBJECTIVES OF A REMOVAL ACTION AND TO ANALYZE THE COST EFFECTIVENESS AND IMPLEMENTABILITY OF THE VARIOUS ALTERNATIVES THAT MAY BE USED TO SATISFY THESE OBJECTIVES.

TYPE: DS - DISCOVERY

START DATE: NR

COMPLETION DATE: 08/01/1988

ACTION TYPE DEFINITION:

THE PROCESS BY WHICH A POTENTIAL HAZARDOUS WASTE SITE IS BROUGHT TO THE ATTENTION OF THE EPA. THE PROCESS CAN OCCUR THROUGH THE USE OF SEVERAL MECHANISMS SUCH AS A PHONE CALL OR REFERRAL BY ANOTHER GOVERNMENT AGENCY.

TYPE: BD - POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY

START DATE: 09/30/1999

COMPLETION DATE: NR

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF POTENTIALLY RESPONSIBLE PARTY (PRP) RESPONSE ACTION FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS), INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF THE RESPONSIBLE PARTIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF THE ADMINISTRATIVE ORDERS ON CONSENT, UNILATERAL ADMINISTRATIVE ORDERS, CONSENT DECREES, JUDICIAL DECREES, INFORMATION AGREEMENTS, AND COMPLIANCE SCHEDULES.

TYPE: BD - POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY

START DATE: 09/30/1999

COMPLETION DATE: 04/30/2012

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF POTENTIALLY RESPONSIBLE PARTY (PRP) RESPONSE ACTION FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS), INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF THE RESPONSIBLE PARTIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF THE ADMINISTRATIVE ORDERS ON CONSENT, UNILATERAL ADMINISTRATIVE ORDERS, CONSENT DECREES, JUDICIAL DECREES, INFORMATION AGREEMENTS, AND COMPLIANCE SCHEDULES.

TYPE: BB - POTENTIALLY RESPONSIBLE PARTY REMOVAL - NON-TIME CRITICAL

START DATE: 09/29/1999

COMPLETION DATE: 11/04/1999

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF POTENTIALLY RESPONSIBLE PARTY (PRP) RESPONSE ACTION FOR REMOVALS, INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF PRPS TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF THE ADMINISTRATIVE ORDERS ON CONSENT, UNILATERAL ADMINISTRATIVE ORDERS, CONSENT DECREES, JUDICIAL DECREES, INFORMATION AGREEMENTS, AND COMPLIANCE SCHEDULES.

TYPE: BB - POTENTIALLY RESPONSIBLE PARTY REMOVAL - NON-TIME CRITICAL

START DATE: 12/05/1997

COMPLETION DATE: NR

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF POTENTIALLY RESPONSIBLE PARTY (PRP) RESPONSE ACTION FOR REMOVALS, INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF PRPS TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF THE ADMINISTRATIVE ORDERS ON CONSENT, UNILATERAL ADMINISTRATIVE ORDERS, CONSENT DECREES, JUDICIAL DECREES, INFORMATION AGREEMENTS, AND COMPLIANCE SCHEDULES.

TYPE: AC - ADMINISTRATIVE ORDER ON CONSENT

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START DATE: NR

COMPLETION DATE: 09/30/1999

ACTION TYPE DEFINITION:

A VOLUNTARY AND ENFORCEABLE AGREEMENT PURSUANT TO CERCLA, SIGNED BY EPA AND POTENTIALLY RESPONSIBLE PARTIES (PRPS), WHEREBY THE PRPS AGREE TO PERFORM AND/OR PAY FOR SOME OR ALL OF THE RESPONSE COSTS INVOLVED IN SITE CLEANUP. THE ORDER DESCRIBES THE PRP RESPONSE TO BE TAKEN AT A SITE, STIPULATED PENALTIES, INDEMNIFICATION, EFFECTIVE DATE, AND MAY BE SUBJECT TO PUBLIC COMMENT. IT CAN BE FOR REMOVAL, REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS), REMEDIAL DESIGN (RD), AND REMEDIAL ACTION (RA), PRE-SARA; BUT ONLY REMOVAL AND RI/FS, POST-SARA.

TYPE: **IN - INTERAGENCY AGREEMENT NEGOTIATIONS**

START DATE: 06/12/1995

COMPLETION DATE: 10/29/1999

ACTION TYPE DEFINITION:

NEGOTIATIONS BETWEEN EPA, AND A FEDERAL AGENCY, AND/OR THE STATE FOR CONDUCTING RESPONSE ACTIONS UNDER CERCLA (RI/FS, RD/RA, ETC.).

CONTAMINANTS

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 3 SOIL**

CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **106 MG/KG**

CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **NITRATE**

CONTAMINANT GROUP NAME: **INORGANICS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 3 SOIL**

CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.5 MG/KG**

CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **MOLYBDENUM**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 3 SOIL**

CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.2 MG/KG**

CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **FORMALDEHYDE**

CONTAMINANT GROUP NAME: **VOC**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**

CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2 MG/KG**

CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **SELENIUM**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**

CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.7 MG/KG**

CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **BENZO(B)FLUORANTHENE**

CONTAMINANT GROUP NAME: **PAH**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**

CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.5 MG/KG**

CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **BENZO(K)FLUORANTHENE**

CONTAMINANT GROUP NAME: **PAH**

National Priorities List (NPL)

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **3.8 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **BENZO[A]ANTHRACENE**

CONTAMINANT GROUP NAME: **PAH**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.4 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **BENZO[A]PYRENE**

CONTAMINANT GROUP NAME: **PAH**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.1 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **DIBENZO(A,H)ANTHRACENE**

CONTAMINANT GROUP NAME: **PAH**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.5 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **INDENO(1,2,3-CD)PYRENE**

CONTAMINANT GROUP NAME: **PAH**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **245 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **CHROMIUM**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.62 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **CHROMIUM (HEXAVALENT)**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **5.3 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **MERCURY**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.3 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **MOLYBDENUM**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **53.8 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **SILVER**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

National Priorities List (NPL)

CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **0.191 MG/KG**
CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**
HAZARDOUS SUBSTANCE NAME: **CESIUM-137**
CONTAMINANT GROUP NAME: **RADIOACTIVE**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**
CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **0.176 MG/KG**
CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**
HAZARDOUS SUBSTANCE NAME: **STRONTIUM-90**
CONTAMINANT GROUP NAME: **RADIOACTIVE**
WASTE SOURCE MEDIA CONTAMINATED NAME: **EDP SOIL**
CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **0.22 MG/KG**
CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**
HAZARDOUS SUBSTANCE NAME: **DIELDRIN**
CONTAMINANT GROUP NAME: **PERSISTANT ORGANIC POLLUTANTS**
WASTE SOURCE MEDIA CONTAMINATED NAME: **EDP SOIL**
CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **0.22 MG/KG**
CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**
HAZARDOUS SUBSTANCE NAME: **DIELDRIN**
CONTAMINANT GROUP NAME: **PESTICIDES**
WASTE SOURCE MEDIA CONTAMINATED NAME: **EDP SOIL**
CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **8.3 MG/KG**
CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**
HAZARDOUS SUBSTANCE NAME: **STRONTIUM-90**
CONTAMINANT GROUP NAME: **RADIOACTIVE**
WASTE SOURCE MEDIA CONTAMINATED NAME: **RA/SR TSA SOIL**
CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **304 MG/KG**
CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**
HAZARDOUS SUBSTANCE NAME: **NITRATE**
CONTAMINANT GROUP NAME: **INORGANICS**
WASTE SOURCE MEDIA CONTAMINATED NAME: **RA/SR TSA SOIL**
CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.41 MG/KG**
CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**
HAZARDOUS SUBSTANCE NAME: **CARBON-14**
CONTAMINANT GROUP NAME: **RADIOACTIVE**
WASTE SOURCE MEDIA CONTAMINATED NAME: **RA/SR TSA SOIL**
CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.72 MG/KG**
CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**
HAZARDOUS SUBSTANCE NAME: **RADIUM-226**
CONTAMINANT GROUP NAME: **RADIOACTIVE**
WASTE SOURCE MEDIA CONTAMINATED NAME: **SWT AREA SOIL**
CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **909 MG/KG**
CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**
HAZARDOUS SUBSTANCE NAME: **NITRATE**
CONTAMINANT GROUP NAME: **INORGANICS**
WASTE SOURCE MEDIA CONTAMINATED NAME: **SWT AREA SOIL**
CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **5.84 MG/KG**

National Priorities List (NPL)

CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **CARBON-14**

CONTAMINANT GROUP NAME: **RADIOACTIVE**

WASTE SOURCE MEDIA CONTAMINATED NAME: **SWT AREA SOIL**

CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **16 MG/KG**

CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **STRONTIUM-90**

CONTAMINANT GROUP NAME: **RADIOACTIVE**

LISTING OF PUBLISHED INSTITUTIONAL CONTROL SITE REPORT - NOT AN INSTITUTIONAL CONTROL SITE -

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Superfund Enterprise Management System (SEMS)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

FACILITY INFORMATION

EPA ID#: CA2890190000

SITE ID#: 0904786

NAME: LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH/OLD CAMPUS LANDFILL (USDOE)

ADDRESS: OLD DAVIS RD
DAVIS, CA 95616

COUNTY: SOLANO

FEDERAL FACILITY: Y - FEDERAL FACILITY

NPL: CURRENTLY ON THE FINAL NPL

NON NPL STATUS: NOT REPORTED

Below information was gathered from the prior CERCLIS update completed in 10/2013 update:

NON-NPL STATUS DATE: NOT REPORTED

PHYSICAL CLASSIFICATION OF SITE / INCIDENT: NO INFORMATION AVAILABLE

FEDERAL REGISTER INFORMATION

DATE	VOLUME	PAGE #	ACTION	HRS SCORE
19940531	59	27989	PROMULGATED TO THE FINAL NPL	50.00000
19940118	59	2568	PROPOSED TO THE FINAL NPL	50.00000

SITE DESCRIPTION

THE LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH (LEHR) IS A FORMER RESEARCH FACILITY OPERATED BY THE UNITED STATES DEPARTMENT OF ENERGY (DOE) AT THE UNIVERSITY OF CALIFORNIA (UC) DAVIS. THE FOLLOWING TERMINOLOGY IS USED IN THIS RECORD OF DECISION (ROD) AND OTHER DOCUMENTS CONTAINED IN THE LEHR ADMINISTRATIVE RECORD TO REFER TO VARIOUS AREAS OF THE SITE:

-LEHR SITE-AS DEFINED IN THE FEDERAL FACILITY AGREEMENT, THE AREA REFERRED TO ON THE NATIONAL PRIORITIES LIST AS "LEHR/OLD CAMPUS LANDFILL."

-DOE AREAS-PORTIONS OF THE LEHR FEDERAL FACILITY AREAS WHERE THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) OR CALIFORNIA GROUNDWATER PROTECTION STANDARDS ARE EXCEEDED (I.E., THE SOUTHWEST TRENCHES [SWT] AREA, THE RADIUM/STRONTIUM [RA/SR] TREATMENT SYSTEMS AREA, DOMESTIC SEPTIC SYSTEMS [DSSS] 3 AND 4, DRY WELLS A-E, AND THE EASTERN DOG PENS [EDPS] AREA).

-UC DAVIS AREAS-PORTIONS OF THE LEHR SITE THAT INCLUDE LANDFILL DISPOSAL UNITS 1, 2, AND 3; THE 49 WASTE BURIAL HOLES; THE EASTERN AND SOUTHERN DISPOSAL TRENCHES; AND GROUNDWATER.

LEHR IS LOCATED IMMEDIATELY EAST OF OLD DAVIS ROAD, ABOUT 2,500 FEET (FT) SOUTH OF U.S. INTERSTATE 80 IN SOLANO COUNTY, CALIFORNIA, IN THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 8 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN. THE FORMER LEHR FACILITY IS LOCATED ON THE SOUTHERN PORTION OF SOLANO COUNTY ASSESSOR'S PARCEL NUMBER 110-05-04. IT IS APPROXIMATELY 1.5 MILES SOUTH OF THE CITY OF DAVIS, IN THE SOUTHEAST PORTION (SOUTH CAMPUS AREA) OF THE UC DAVIS CAMPUS.

THE LEHR/OLD CAMPUS LANDFILL WAS PLACED ON THE NATIONAL PRIORITIES LIST IN MAY 1994 BECAUSE CONTAMINATION AT THE SITE WAS CONSIDERED TO POSE SIGNIFICANT RISK TO HUMAN HEALTH AND/OR THE ENVIRONMENT.

DOE IS THE LEAD AGENCY RESPONSIBLE FOR THE REMEDIATION OF THE ENVIRONMENTAL IMPACTS ASSOCIATED WITH

Superfund Enterprise Management System (SEMS)

PAST ACTIVITIES AT THE LEHR FEDERAL FACILITY PORTION OF THE LEHR/OLD CAMPUS LANDFILL. DOE IS REMEDIATING THE SITE WITH SUPPORT FROM ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION 9, AND THE STATE OF CALIFORNIA'S DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC), THE CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD (RWQCB), AND THE DEPARTMENT OF PUBLIC HEALTH, RADIOLOGIC HEALTH BRANCH. THE REMEDIATION IS FUNDED BY DOE OFFICE OF LEGACY MANAGEMENT.

THE SITE IS PRESENTLY OCCUPIED BY THE UC DAVIS CENTER FOR HEALTH AND THE ENVIRONMENT, WHICH CONDUCTS TOXICOLOGY, EPIDEMIOLOGY, RADIATION BIOLOGY, AND RADIOCHEMISTRY RESEARCH. SITE FACILITIES CURRENTLY CONSIST OF 16 BUILDINGS, INCLUDING A MAIN ADMINISTRATION AND OFFICE BUILDING, TWO FORMER ANIMAL HOSPITALS, A LABORATORY, AND SUPPORT BUILDINGS. FORMER FACILITIES INCLUDE RADIOACTIVE WASTEWATER TREATMENT SYSTEMS, AN INDOOR/OUTDOOR COBALT-60 (CO-60) IRRADIATION FIELD, A RADIOACTIVE WASTE BURIAL AREA, AND OUTDOOR DOG PENS. PRESENTLY INACTIVE CAMPUS LANDFILL UNITS AND NUMEROUS DISPOSAL SITES (I.E., TRENCHES AND HOLES) WERE USED TO DISPOSE OF WASTE FROM CAMPUS ACTIVITIES AND ARE BEING EVALUATED BY UC DAVIS.

FROM 1958 TO 1988, RESEARCH AT LEHR FOCUSED ON THE LONG-TERM HEALTH EFFECTS OF LOW-LEVEL RADIATION ON LABORATORY ANIMALS. THE RESEARCH PROJECTS WERE FUNDED PRIMARILY BY DOE. DISPOSAL OF CHEMICAL AND RADIOACTIVE LABORATORY AND CAMPUS WASTE RESULTED IN SOIL AND GROUNDWATER CONTAMINATION AT LEHR.

DOE AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ENTERED INTO A MEMORANDUM OF AGREEMENT TO ALLOCATE RESPONSIBILITY FOR ENVIRONMENTAL RESTORATION OF THE LEHR/OLD CAMPUS LANDFILL SUPERFUND SITE. UNDER THIS AGREEMENT, DOE IS RESPONSIBLE FOR ENVIRONMENTAL RESTORATION OF ENVIRONMENTAL IMPACTS ASSOCIATED WITH THE LEHR FEDERAL FACILITY, AND UC DAVIS IS RESPONSIBLE FOR ENVIRONMENTAL RESTORATION OF OLD CAMPUS LANDFILL AREAS, INCLUDING BUT NOT LIMITED TO, LAND DISPOSAL UNITS 1, 2, AND 3; THE 49 WASTE BURIAL HOLES; THE UC DAVIS DISPOSAL TRENCHES; AND SITE GROUNDWATER IMPACTS NOT ASSOCIATED WITH DOE'S ACTIVITIES.

DOE RELEASED ALL OF THE LEHR BUILDINGS TO UC DAVIS FOR UNRESTRICTED USE IN COMPLIANCE WITH DOE ORDER 5400.5, RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT, AND ACCELERATED SITE CLEANUP BY COMPLETING SEVERAL REMOVAL ACTIONS THAT SUCCESSFULLY ADDRESSED PRINCIPAL ENVIRONMENTAL THREATS AT THE LEHR FEDERAL FACILITY. FOLLOWING THE REMOVAL ACTIONS, RISKS TO HUMAN HEALTH AND THE ENVIRONMENT WERE ESTIMATED FOR THE DOE DISPOSAL BOX, DSS 1, DSS 5, DSS 6, DSS 7, AND WDP AREAS IN THE SITE-WIDE RISK ASSESSMENT. HUMAN HEALTH AND ECOLOGICAL RISK CHARACTERIZATIONS WERE PERFORMED TO EXAMINE THE STRENGTHS AND WEAKNESSES OF LINES OF EVIDENCE INDICATING WHETHER CONSTITUENTS OF POTENTIAL CONCERN (COPCS) POSE SIGNIFICANT RISKS. A GROUNDWATER RISK CHARACTERIZATION WAS INCLUDED IN THE HUMAN HEALTH RISK CHARACTERIZATION DOCUMENT. AS DOCUMENTED IN THEIR APPROVAL OF SITE-WIDE RISK ASSESSMENT, VOLUME I HUMAN HEALTH RISK ASSESSMENT (PART B RISK CHARACTERIZATION FOR DOE AREAS), THE REMEDIAL PROJECT MANAGERS MADE A RISK MANAGEMENT DECISION THAT THE RISKS WERE INSIGNIFICANT AND NO FURTHER ACTION IS REQUIRED AT THE FOLLOWING AREAS OF THE LEHR FEDERAL FACILITY:

- DSSS AREAS OTHER THAN DSSS 3 AND 4;
- DOE DISPOSAL BOX; AND
- WESTERN DOG PENS (WDPS).

SIMILARLY, BASED ON DOE'S COMPLIANCE WITH DOE ORDER 5400.5 FOR RELEASE OF PROPERTY FOR UNRESTRICTED USE (62 FR 51844-51845), NO ACTION OR NO FURTHER ACTION IS REQUIRED AT:

- ALL LEHR BUILDINGS (INCLUDING THE IMHOFF WASTEWATER TREATMENT FACILITY DEMOLISHED IN 1995); AND

Superfund Enterprise Management System (SEMS)

-CO-60 IRRADIATION FIELD (NO IDENTIFIED CONTAMINATION AND NO POTENTIAL FOR CONTAMINATION BASED ON HISTORICAL USE).

THE FOLLOWING AREAS OF THE LEHR FEDERAL FACILITY REQUIRE ADDITIONAL ACTION BECAUSE THEY CONTAIN CONTAMINANTS THAT PRESENT POTENTIAL EXCESS CANCER RISKS OF ABOVE 1 IN 1 MILLION OR HAVE THE POTENTIAL TO IMPACT GROUNDWATER QUALITY WITHIN THE NEXT 500 YEARS BY INCREASING CONTAMINANT CONCENTRATIONS IN GROUNDWATER ABOVE BACKGROUND CONCENTRATIONS:

-RA/SR TREATMENT SYSTEMS AREA;

-DSSS 3 AND 4 AND DRY WELLS A-E;

-SWT AREA; AND

-EDPS AREA.

NO ECOLOGICAL RISKS WERE IDENTIFIED IN THESE AREAS.

THE U.S. ATOMIC ENERGY COMMISSION FIRST SPONSORED RADIOLOGICAL STUDIES ON LABORATORY ANIMALS AT UC DAVIS IN THE EARLY 1950S. INITIALLY SITUATED ON THE MAIN CAMPUS, LEHR WAS RELOCATED TO ITS PRESENT LOCATION IN 1958. RESEARCH AT LEHR THROUGH THE LATE 1980S WAS FOCUSED ON HEALTH EFFECTS FROM CHRONIC EXPOSURE TO RADIONUCLIDES, PRIMARILY STRONTIUM-90 (SR-90) AND RADIUM-226 (RA-226), USING BEAGLES AS RESEARCH SUBJECTS. OTHER RELATED RESEARCH WAS CONDUCTED AT THE SITE CONCURRENTLY WITH THESE LONG-TERM STUDIES. IN THE EARLY 1970S, A CO-60 IRRADIATOR FACILITY WAS CONSTRUCTED AT THE SITE TO STUDY THE EFFECTS OF CHRONIC EXPOSURE TO GAMMA RADIATION ON HUMANS, AGAIN USING BEAGLES.

A CAMPUS LANDFILL WITH TWO WASTE BURIAL UNITS THAT WERE USED FROM THE 1940S UNTIL THE MID-1960S IS LOCATED AT THE SITE. SEVERAL LOW-LEVEL RADIOACTIVE-WASTE BURIAL AREAS WERE ALSO PRESENT AT THE SITE, AND CAMPUS AND LEHR RESEARCH WASTE WAS BURIED IN THESE AREAS UNTIL 1974 IN ACCORDANCE WITH REGULATIONS IN EFFECT AT THE TIME. THE PRINCIPAL ENVIRONMENTAL THREATS POSED BY CONTAMINANT RELEASES ASSOCIATED WITH LEHR ACTIVITIES HAVE BEEN MITIGATED DURING SEVERAL REMOVAL ACTIONS CONDUCTED AT THE SITE SINCE 1996.

ALL DOE-FUNDED RESEARCH ACTIVITIES AT LEHR HAD CEASED BY 1988, AND IN THE SAME YEAR, PURSUANT TO A MEMORANDUM OF AGREEMENT BETWEEN DOE AND THE UNIVERSITY OF CALIFORNIA, DOE'S OFFICE OF ENERGY RESEARCH INITIATED ACTIVITIES TO CLOSE OUT THE RESEARCH PROGRAM AT LEHR.

IN MAY 1994, EPA ADDED THE SITE TO THE NATIONAL PRIORITIES LIST. IN 1995, DOE DEMOLISHED THE IMHOFF WASTEWATER TREATMENT FACILITY AS A VOLUNTARY REMOVAL ACTION, AND BY 1997, DOE HAD COMPLETED BUILDING DECONTAMINATION AND DECOMMISSIONING (62 FR 51844-51845). IN 1997, A SECOND MEMORANDUM OF AGREEMENT DIVIDED THE RESPONSIBILITY FOR ENVIRONMENTAL REMEDIATION BETWEEN DOE AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA. BY DECEMBER 1999, DOE ENTERED INTO A FEDERAL FACILITY AGREEMENT WITH EPA, RWQCB, DPH, AND DTSC, WHEREBY DOE IS RESPONSIBLE FOR THE REMEDIATION OF THE RA/SR TREATMENT SYSTEMS; A WASTE BURIAL AREA KNOWN AS THE DOE DISPOSAL BOX; ON-SITE DOMESTIC SEPTIC TANKS, ASSOCIATED LEACH FIELDS, AND DRY WELLS; DOE DISPOSAL TRENCHES; AND THE FORMER DOG PENS. UNDER A SEPARATE AGREEMENT WITH EPA AND THE STATE AGENCIES, UC DAVIS IS RESPONSIBLE FOR REMEDIATION OF THREE LANDFILLS, DISPOSAL TRENCHES LOCATED SOUTH AND EAST OF LANDFILL NO. 2, 49 WASTE HOLES, AN OLD WASTEWATER TREATMENT PLANT, GROUNDWATER IMPACTED BY THE SITE, AND SURFACE WATER AND STORM WATER RUNOFF IMPACTED BY UC DAVIS.

SINCE ENTERING INTO THE FEDERAL FACILITY AGREEMENT IN 1999, DOE CONDUCTED ADDITIONAL SOIL AND

Superfund Enterprise Management System (SEMS)

GROUNDWATER CHARACTERIZATION AND REMOVAL OF CONTAMINATED UNDERGROUND TANKS, TRENCH STRUCTURES, AND CONTAMINATED SOIL AT THE SITE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 300.415 (B)(4)(I) OF THE NATIONAL CONTINGENCY PLAN (NCP). REMOVAL ACTIONS AT THE DOE AREAS WERE COMPLETED IN 2002.

IN 2005, DOE TRANSFERRED OWNERSHIP OF ALL OF DOE'S LEHR BUILDINGS AND ASSOCIATED UTILITIES TO UC DAVIS. TITLE TO THE BUILDINGS AND UTILITIES WAS TRANSFERRED TO THE REGENTS OF THE UNIVERSITY OF CALIFORNIA BY A QUITCLAIM DEED, EFFECTIVE JULY 1, 2005. UC DAVIS REQUESTED, AND THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES GRANTED, AN AMENDMENT TO THEIR BROADSCOPE RADIOACTIVE MATERIALS LICENSE NO.1334-57, TO COVER BUILDINGS RELEASED BY DOE. IN 2009, DOE AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ESTABLISHED A MEMORANDUM OF AGREEMENT WHICH:

-ASSIGNED TO DOE THE RESPONSIBILITY FOR REMEDIATION OF GROUNDWATER IMPACTS FROM DOE AREAS;

-ALLOWS DOE TO IMPLEMENT LAND-USE RESTRICTIONS IN ACCORDANCE WITH THE PROPOSED PLAN AND THIS RECORD OF DECISION (ROD); AND

-PROVIDES DOE AND ITS AGENTS REASONABLE ACCESS TO THE DOE AREAS FOR THE PURPOSE OF CONDUCTING LONG-TERM MONITORING, MAINTENANCE, AND CONTINGENT REMEDIATION.

A ROD ADDRESSING OPERABLE UNIT (OU) 1 AT THE LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH/OLD CAMPUS LANDFILL (USDOE) SITE WAS COMPLETED IN DECEMBER 2009.

SITE HISTORY - NO SITE HISTORY INFORMATION AVAILABLE -

ACTIONS

TYPE: **SI - SITE INSPECTION**

START DATE: **NOT REPORTED**

COMPLETION DATE: **09/30/1991**

ACTION TYPE DEFINITION:

THE PROCESS OF COLLECTING SITE DATA AND SAMPLES TO CHARACTERIZE THE SEVERITY OF THE HAZARD FOR THE HAZARD RANKING SCORE AND/OR ENFORCEMENT SUPPORT.

TYPE: **LV - FEDERAL FACILITY REMOVAL**

START DATE: **04/19/2001**

COMPLETION DATE: **02/19/2004**

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF FEDERAL FACILITY RESPONSE ACTION FOR REMOVALS INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF FEDERAL FACILITIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF SARA AND IAG OR MOA.

TYPE: **NF - FINAL LISTING ON NATIONAL PRIORITIES LIST**

START DATE: **NOT REPORTED**

COMPLETION DATE: **05/31/1994**

ACTION TYPE DEFINITION:

SITE MOVED FROM PROPOSED LIST TO FINAL NATIONAL PRIORITY LIST.

TYPE: **NH - FEDERAL FACILITY REMEDIAL INVESTIGATION**

START DATE: **09/30/1994**

COMPLETION DATE: **09/18/2003**

ACTION TYPE DEFINITION:

Superfund Enterprise Management System (SEMS)

PROVIDES FOR OVERSIGHT OF FEDERAL FACILITY RESPONSE ACTION FOR REMEDIAL INVESTIGATION (RI), INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF FEDERAL FACILITIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF SARA AND IAG OR MOA. THE REMEDIAL INVESTIGATION GATHERS DATA NECESSARY TO: (1) DETERMINE THE NATURE AND EXTENT OF PROBLEMS AT THE SITE; (2) ESTABLISH CLEANUP CRITERIA FOR THE SITE; (3) IDENTIFY PRELIMINARY ALTERNATIVE REMEDIAL ACTIONS; AND (4) SUPPORT THE TECHNICAL AND COST ANALYSES OF THE ALTERNATIVES.

TYPE: NP - PROPOSAL TO NATIONAL PRIORITIES LIST

START DATE: NOT REPORTED

COMPLETION DATE: 01/18/1994

ACTION TYPE DEFINITION:

SITE PROPOSED FOR INCLUSION ON THE NATIONAL PRIORITY LIST BASED ON THE HAZARD RANKING SYSTEM (HRS) SCORE FOR THE SITE.

TYPE: PA - PRELIMINARY ASSESSMENT

START DATE: NOT REPORTED

COMPLETION DATE: 05/11/1990

ACTION TYPE DEFINITION:

COLLECTION OF DIVERSE EXISTING INFORMATION ABOUT THE SOURCE AND NATURE OF THE SITE HAZARD. IT IS EPA POLICY TO COMPLETE THE PRELIMINARY ASSESSMENT WITHIN ONE YEAR OF SITE DISCOVERY.

TYPE: LV - FEDERAL FACILITY REMOVAL - NON-TIME CRITICAL

START DATE: 05/12/1998

COMPLETION DATE: 06/13/2001

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF FEDERAL FACILITY RESPONSE ACTION FOR REMOVALS INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF FEDERAL FACILITIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF SARA AND IAG OR MOA.

TYPE: RO - RECORD OF DECISION

START DATE: NOT REPORTED

COMPLETION DATE: 12/15/2009

ACTION TYPE DEFINITION:

THE FINAL RECORD OF DECISION (ROD) IS SIGNED BY THE APPROPRIATE AGENCY INDICATING THAT THE AGENCY HAS CHOSEN THE REMEDY FOR SITE REMEDIATION. ROD SIGNATURE IS SIGNIFIED BY THE COMPLETE DATE.

TYPE: NI - FEDERAL FACILITY FEASIBILITY STUDY

START DATE: 09/22/2005

COMPLETION DATE: 03/07/2008

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF FEDERAL FACILITY RESPONSE ACTION FOR FEASIBILITY STUDY (FS), INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF FEDERAL FACILITIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF SARA AND IAG OR MOA. THE FEASIBILITY STUDY IS A STUDY OF A HAZARDOUS WASTE STATE TO: (1) EVALUATE ALTERNATIVE REMEDIAL ACTIONS FROM TECHNICAL, ENVIRONMENTAL, AND COST EFFECTIVENESS PERSPECTIVES; (2) RECOMMEND THE COST-EFFECTIVE REMEDIAL ACTION; AND (3) PREPARE A CONCEPTUAL DESIGN , A COST ESTIMATE FOR BUDGETARY PURPOSES, AND A PRELIMINARY

Superfund Enterprise Management System (SEMS)

CONSTRUCTION SCHEDULE.

TYPE: **TG - TECHNICAL ASSISTANCE GRANT**

START DATE: **03/30/1995**

COMPLETION DATE: **01/14/2001**

ACTION TYPE DEFINITION:

A GRANT OF UP TO \$50,000 PROVIDED UNDER SARA TO A COMMUNITY FOR TECHNICAL ASSISTANCE IN DEALING WITH SUPERFUND ISSUES AT A NATIONAL PRIORITY LIST (NPL) SITE.

TYPE: **TG - TECHNICAL ASSISTANCE GRANT**

START DATE: **01/15/2001**

COMPLETION DATE: **06/11/2010**

ACTION TYPE DEFINITION:

A GRANT OF UP TO \$50,000 PROVIDED UNDER SARA TO A COMMUNITY FOR TECHNICAL ASSISTANCE IN DEALING WITH SUPERFUND ISSUES AT A NATIONAL PRIORITY LIST (NPL) SITE.

TYPE: **RN - REMOVAL NEGOTIATIONS**

START DATE: **12/05/1997**

COMPLETION DATE: **09/30/1999**

ACTION TYPE DEFINITION:

REMOVAL NEGOTIATIONS ARE DEFINED AS DISCUSSIONS BETWEEN EPA AND THE POTENTIALLY RESPONSIBLE PARTIES (PRPS) ON THE LIABILITY FOR AND CONDUCT OF A REMOVAL.

TYPE: **HR - HAZARD RANKING SYSTEM PACKAGE**

START DATE: **NOT REPORTED**

COMPLETION DATE: **01/11/1994**

ACTION TYPE DEFINITION:

A NUMERIC ESTIMATE OF THE RELATIVE SEVERITY OF A HAZARDOUS SUBSTANCE RELEASE OR POTENTIAL RELEASE BASED ON: (1) THE RELATIVE POTENTIAL OF SUBSTANCES TO CAUSE HAZARDOUS SITUATIONS; (2) THE LIKELIHOOD AND RATE AT WHICH THE SUBSTANCES MAY AFFECT HUMAN AND ENVIRONMENTAL RECEPTORS; AND (3) THE SEVERITY AND MAGNITUDE OF POTENTIAL EFFECTS. THE SCORE IS COMPUTED USING THE HAZARD RANKING SYSTEM (HRS).

TYPE: **FI - FEDERAL INTERAGENCY AGREEMENT**

START DATE: **06/12/1995**

COMPLETION DATE: **10/29/1999**

ACTION TYPE DEFINITION:

AGREEMENT BETWEEN THE FEDERAL FACILITY, EPA, AND WHENEVER POSSIBLE, THE STATE REQUIRING THE FEDERAL FACILITY TO CONDUCT CERCLA RESPONSE ACTIONS AT THE FACILITY OR PORTION OF THE FACILITY ON OR PROPOSED TO THE NATIONAL PRIORITY LIST (NPL).

TYPE: **EE - ENGINEERING EVALUATION/COST ANALYSIS**

START DATE: **06/01/1999**

COMPLETION DATE: **08/24/1999**

ACTION TYPE DEFINITION:

STUDY TO IDENTIFY THE OBJECTIVES OF A REMOVAL ACTION AND TO ANALYZE THE COST EFFECTIVENESS AND IMPLEMENTABILITY OF THE VARIOUS ALTERNATIVES THAT MAY BE USED TO SATISFY THESE OBJECTIVES.

Superfund Enterprise Management System (SEMS)

TYPE: **PA - PRELIMINARY ASSESSMENT**

START DATE: **NOT REPORTED**

COMPLETION DATE: **02/25/1990**

ACTION TYPE DEFINITION:

COLLECTION OF DIVERSE EXISTING INFORMATION ABOUT THE SOURCE AND NATURE OF THE SITE HAZARD. IT IS EPA POLICY TO COMPLETE THE PRELIMINARY ASSESSMENT WITHIN ONE YEAR OF SITE DISCOVERY.

TYPE: **EE - ENGINEERING EVALUATION/COST ANALYSIS**

START DATE: **11/01/1995**

COMPLETION DATE: **12/05/1997**

ACTION TYPE DEFINITION:

STUDY TO IDENTIFY THE OBJECTIVES OF A REMOVAL ACTION AND TO ANALYZE THE COST EFFECTIVENESS AND IMPLEMENTABILITY OF THE VARIOUS ALTERNATIVES THAT MAY BE USED TO SATISFY THESE OBJECTIVES.

TYPE: **EE - ENGINEERING EVALUATION/COST ANALYSIS**

START DATE: **01/30/1997**

COMPLETION DATE: **05/12/1998**

ACTION TYPE DEFINITION:

STUDY TO IDENTIFY THE OBJECTIVES OF A REMOVAL ACTION AND TO ANALYZE THE COST EFFECTIVENESS AND IMPLEMENTABILITY OF THE VARIOUS ALTERNATIVES THAT MAY BE USED TO SATISFY THESE OBJECTIVES.

TYPE: **DS - DISCOVERY**

START DATE: **NOT REPORTED**

COMPLETION DATE: **08/01/1988**

ACTION TYPE DEFINITION:

THE PROCESS BY WHICH A POTENTIAL HAZARDOUS WASTE SITE IS BROUGHT TO THE ATTENTION OF THE EPA. THE PROCESS CAN OCCUR THROUGH THE USE OF SEVERAL MECHANISMS SUCH AS A PHONE CALL OR REFERRAL BY ANOTHER GOVERNMENT AGENCY.

TYPE: **BD - POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

START DATE: **09/30/1999**

COMPLETION DATE: **NOT REPORTED**

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF POTENTIALLY RESPONSIBLE PARTY (PRP) RESPONSE ACTION FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS), INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF THE RESPONSIBLE PARTIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF THE ADMINISTRATIVE ORDERS ON CONSENT, UNILATERAL ADMINISTRATIVE ORDERS, CONSENT DECREES, JUDICIAL DECREES, INFORMATION AGREEMENTS, AND COMPLIANCE SCHEDULES.

TYPE: **BD - POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

START DATE: **09/30/1999**

COMPLETION DATE: **04/30/2012**

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF POTENTIALLY RESPONSIBLE PARTY (PRP) RESPONSE ACTION FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS), INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE

Superfund Enterprise Management System (SEMS)

PERFORMANCE OF THE RESPONSIBLE PARTIES TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF THE ADMINISTRATIVE ORDERS ON CONSENT, UNILATERAL ADMINISTRATIVE ORDERS, CONSENT DECREES, JUDICIAL DECREES, INFORMATION AGREEMENTS, AND COMPLIANCE SCHEDULES.

TYPE: **BB - POTENTIALLY RESPONSIBLE PARTY REMOVAL - NON-TIME CRITICAL**

START DATE: **09/29/1999**

COMPLETION DATE: **11/04/1999**

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF POTENTIALLY RESPONSIBLE PARTY (PRP) RESPONSE ACTION FOR REMOVALS, INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF PRPS TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF THE ADMINISTRATIVE ORDERS ON CONSENT, UNILATERAL ADMINISTRATIVE ORDERS, CONSENT DECREES, JUDICIAL DECREES, INFORMATION AGREEMENTS, AND COMPLIANCE SCHEDULES.

TYPE: **BB - POTENTIALLY RESPONSIBLE PARTY REMOVAL - NON-TIME CRITICAL**

START DATE: **12/05/1997**

COMPLETION DATE: **NOT REPORTED**

ACTION TYPE DEFINITION:

PROVIDES FOR OVERSIGHT OF POTENTIALLY RESPONSIBLE PARTY (PRP) RESPONSE ACTION FOR REMOVALS, INCLUDING ALL ACTIVITIES FOR MONITORING AND SUPERVISING THE PERFORMANCE OF PRPS TO DETERMINE WHETHER SUCH PERFORMANCE IS CONSISTENT WITH THE REQUIREMENTS OF THE ADMINISTRATIVE ORDERS ON CONSENT, UNILATERAL ADMINISTRATIVE ORDERS, CONSENT DECREES, JUDICIAL DECREES, INFORMATION AGREEMENTS, AND COMPLIANCE SCHEDULES.

TYPE: **AC - ADMINISTRATIVE ORDER ON CONSENT**

START DATE: **NOT REPORTED**

COMPLETION DATE: **09/30/1999**

ACTION TYPE DEFINITION:

A VOLUNTARY AND ENFORCEABLE AGREEMENT PURSUANT TO CERCLA, SIGNED BY EPA AND POTENTIALLY RESPONSIBLE PARTIES (PRPS), WHEREBY THE PRPS AGREE TO PERFORM AND/OR PAY FOR SOME OR ALL OF THE RESPONSE COSTS INVOLVED IN SITE CLEANUP. THE ORDER DESCRIBES THE PRP RESPONSE TO BE TAKEN AT A SITE, STIPULATED PENALTIES, INDEMNIFICATION, EFFECTIVE DATE, AND MAY BE SUBJECT TO PUBLIC COMMENT. IT CAN BE FOR REMOVAL, REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS), REMEDIAL DESIGN (RD), AND REMEDIAL ACTION (RA),PRE-SARA; BUT ONLY REMOVAL AND RI/FS, POST-SARA.

TYPE: **IN - INTERAGENCY AGREEMENT NEGOTIATIONS**

START DATE: **06/12/1995**

COMPLETION DATE: **10/29/1999**

ACTION TYPE DEFINITION:

NEGOTIATIONS BETWEEN EPA, AND A FEDERAL AGENCY, AND/OR THE STATE FOR CONDUCTING RESPONSE ACTIONS UNDER CERCLA (RI/FS, RD/RA, ETC.).

CONTAMINANTS

WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 3 SOIL**

CONSTITUENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **106 MG/KG**

CONSTITUENT CONTAMINANT OF CONCERN FLAG: **YES**

Superfund Enterprise Management System (SEMS)

HAZARDOUS SUBSTANCE NAME: **NITRATE**
CONTAMINANT GROUP NAME: **INORGANICS**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 3 SOIL**
CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.5 MG/KG**
CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **MOLYBDENUM**
CONTAMINANT GROUP NAME: **METALS**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 3 SOIL**
CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.2 MG/KG**
CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **FORMALDEHYDE**
CONTAMINANT GROUP NAME: **VOC**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**
CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2 MG/KG**
CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **SELENIUM**
CONTAMINANT GROUP NAME: **METALS**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**
CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.7 MG/KG**
CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **BENZO(B)FLUORANTHENE**
CONTAMINANT GROUP NAME: **PAH**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**
CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.5 MG/KG**
CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **BENZO(K)FLUORANTHENE**
CONTAMINANT GROUP NAME: **PAH**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**
CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **3.8 MG/KG**
CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **BENZO[A]ANTHRACENE**
CONTAMINANT GROUP NAME: **PAH**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**
CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.4 MG/KG**
CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **BENZO[A]PYRENE**
CONTAMINANT GROUP NAME: **PAH**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**
CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.1 MG/KG**
CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **DIBENZO(A,H)ANTHRACENE**
CONTAMINANT GROUP NAME: **PAH**
WASTE SOURCE MEDIA CONTAMINATED NAME: **DSS 4 SOIL**
CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.5 MG/KG**
CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **INDENO(1,2,3-CD)PYRENE**

Superfund Enterprise Management System (SEMS)

CONTAMINANT GROUP NAME: **PAH**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **245 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **CHROMIUM**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.62 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **CHROMIUM (HEXAVALENT)**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **5.3 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **MERCURY**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.3 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **MOLYBDENUM**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **53.8 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **SILVER**

CONTAMINANT GROUP NAME: **METALS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **0.191 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **CESIUM-137**

CONTAMINANT GROUP NAME: **RADIOACTIVE**

WASTE SOURCE MEDIA CONTAMINATED NAME: **DW A-E AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **0.176 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **STRONTIUM-90**

CONTAMINANT GROUP NAME: **RADIOACTIVE**

WASTE SOURCE MEDIA CONTAMINATED NAME: **EDP SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **0.22 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **DIELDRIN**

CONTAMINANT GROUP NAME: **PERSISTANT ORGANIC POLLUTANTS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **EDP SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **0.22 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **DIELDRIN**

CONTAMINANT GROUP NAME: **PESTICIDES**

Superfund Enterprise Management System (SEMS)

WASTE SOURCE MEDIA CONTAMINATED NAME: **EDP SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **8.3 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **STRONTIUM-90**

CONTAMINANT GROUP NAME: **RADIOACTIVE**

WASTE SOURCE MEDIA CONTAMINATED NAME: **RA/SR TSA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **304 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **NITRATE**

CONTAMINANT GROUP NAME: **INORGANICS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **RA/SR TSA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **2.41 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **CARBON-14**

CONTAMINANT GROUP NAME: **RADIOACTIVE**

WASTE SOURCE MEDIA CONTAMINATED NAME: **RA/SR TSA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **1.72 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **RADIUM-226**

CONTAMINANT GROUP NAME: **RADIOACTIVE**

WASTE SOURCE MEDIA CONTAMINATED NAME: **SWT AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **909 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **NITRATE**

CONTAMINANT GROUP NAME: **INORGANICS**

WASTE SOURCE MEDIA CONTAMINATED NAME: **SWT AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **5.84 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **CARBON-14**

CONTAMINANT GROUP NAME: **RADIOACTIVE**

WASTE SOURCE MEDIA CONTAMINATED NAME: **SWT AREA SOIL**

CONSTITUTENT CONTAMINANT MAXIMUM CONCENTRATION VALUE: **16 MG/KG**

CONSTITUTENT CONTAMINANT OF CONCERN FLAG: **YES**

HAZARDOUS SUBSTANCE NAME: **STRONTIUM-90**

CONTAMINANT GROUP NAME: **RADIOACTIVE**

LISTING OF PUBLISHED INSTITUTIONAL CONTROL SITE REPORT - NOT AN INSTITUTIONAL CONTROL SITE -

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Superfund Enterprise Management System Archived Site Inventory (SEMSARCH)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

FACILITY INFORMATION

EPA ID#: CA3120090573

SITE ID#: 0903880

NAME: AQUATIC WEED CONTROL RESEARCH LABORATORY

ADDRESS: UNIVERSITY OF CA, BOTANY DEPARTMENT
DAVIS, CA 95616

COUNTY: YOLO

FEDERAL FACILITY: FEDERAL FACILITY

NPL: NOT ON THE NPL

NON NPL STATUS: NFRAP-SITE DOES NOT QUALIFY FOR THE NPL BASED ON EXISTING INFORMATION

Below information was gathered from the prior NFRAP update completed in 10/2013 update:

<u>ACTION</u>	<u>START DATE</u>	<u>COMPLETION DATE</u>	<u>RESPONSIBILITY</u>
DS - DISCOVERY	NOT REPORTED	4/26/1991	FED FAC
PA - PRELIMINARY ASSESSMENT	NOT REPORTED	3/10/1994	FED FAC
VS - ARCHIVE SITE	NOT REPORTED	3/10/1994	EPA IN-HOUSE

ACTION DESCRIPTIONS

DS - (DISCOVERY) - THE PROCESS BY WHICH A POTENTIAL HAZARDOUS WASTE SITE IS BROUGHT TO THE ATTENTION OF THE EPA. THE PROCESS CAN OCCUR THROUGH THE USE OF SEVERAL MECHANISMS SUCH AS A PHONE CALL OR REFERRAL BY ANOTHER GOVERNMENT AGENCY.

PA - (PRELIMINARY ASSESSMENT) - COLLECTION OF DIVERSE EXISTING INFORMATION ABOUT THE SOURCE AND NATURE OF THE SITE HAZARD. IT IS EPA POLICY TO COMPLETE THE PRELIMINARY ASSESSMENT WITHIN ONE YEAR OF SITE DISCOVERY.

VS - (ARCHIVE SITE) - THE DECISION IS MADE THAT NO FURTHER ACTIVITY IS PLANNED AT THE SITE.

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 9

Distance from Property: 0.26 mi. (1,373 ft.) S
Elevation: 56 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: SL0611355741
BUSINESS NAME: UC DAVIS PRIMATE CENTER
ADDRESS: 1 SHIELDS AVENUE
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: NOT REPORTED
STATUS: COMPLETED - CASE CLOSED 02/03/2010
POTENTIAL CONTAMINATION:

KEROSENE

POTENTIAL MEDIA AFFECTED:

OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)

SITE HISTORY:

ON 3 DECEMBER 2006, A KEROSENE RELEASE OCCURRED AT THE SITE DURING FILLING OF A 390-GALLON KEROSENE PORTABLE TANK FROM A 1,000-GALLON STATIONARY ABOVEGROUND TANK. LATER IN DECEMBER 2006, UC DAVIS REMOVED THE REMAINING CONTENTS OF THE 1,000-GALLON TANK, REMOVED THE TANK, AND EXCAVATED ANY VISIBLY AFFECTED SOIL. IN 2007, UC DAVIS EXCAVATED ABOUT 470 CUBIC YARDS OF SOIL FOR OFFSITE DISPOSAL AND CONDUCTED A GEOPROBE SOIL AND GROUNDWATER INVESTIGATION.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
REMEDIATION	01/01/50	EXCAVATION
ENFORCEMENT	10/14/2009	FILE REVIEW - CLOSURE
ENFORCEMENT	12/15/2008	FILE REVIEW
ENFORCEMENT	09/11/2008	STAFF LETTER
ENFORCEMENT	02/27/2008	STAFF LETTER
OTHER	04/13/2007	LEAK REPORTED
REMEDIATION	01/01/2007	EXCAVATION
OTHER	12/03/2006	LEAK DISCOVERY

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	02/03/2010
OPEN - SITE ASSESSMENT	04/13/2007
OPEN - CASE BEGIN DATE	12/03/2006

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: KRISTIN SHELTON
CONTACT TYPE: REGIONAL BOARD CASEWORKER

GeoTracker Cleanup Sites (CLEANUPSITES)

CONTACT PHONE: NOT REPORTED

EMAIL: KSHELTON@WATERBOARDS.CA.GOV

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Cortese List (CORTESE)

[MAP ID# 10](#)

Distance from Property: 0.271 mi. (1,431 ft.) SW
Elevation: 54 ft. (Higher than TP)

FACILITY INFORMATION

ID#: 570045

NAME: CHEVRON #9-5631

ADDRESS: 980 OLIVE
DAVIS, CA 95616

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Leaking Underground Storage Tanks (LUST)

MAP ID# 10

Distance from Property: 0.271 mi. (1,431 ft.) SW
Elevation: 54 ft. (Higher than TP)

SITE INFORMATION

ID#: **T0611300030** REGIONAL CASE #: **570045** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **CHEVRON #9-5631** RESPONSIBLE PARTY: **CHEVRON**
ADDRESS: **980 OLIVE DR** ADDRESS: **2410 CAMINO RAMON, SAN RAMON, CA 94583**
DAVIS, CA 95616
CROSS STREET: **NOT REPORTED**
COUNTY: **YOLO**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **DRINKING WATER AQUIFER** CASE WAS REPORTED: **1989-01-19**
CASE ENTERED INTO SYSTEM: **1990-01-12** CASE WAS REVIEWED: **1997-03-10**
CASE WAS CLOSED: **1997-03-03**
ENFORCEMENT TYPE: **NO ENFORCEMENT ACTION TAKEN**
ENFORCEMENT BEGAN: **1965-01-01**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **YOLO ENVIRONMENTAL HEALTH**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT TESTED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **2 EA 10000 GAL, ONE 5000GAL, & A 550 GAL WASTE OIL TANK WERE PULLED IN NOV'88. OVER EXCAVATION REDUCED CONTAM TO NEAR ND LEVELS. 6 MW'S INSTALLED. WELLS SAMPLED FOR MORE THAN 6 QUARTERS MOSTLY AT OR NEAR ND. NO THREAT TO GW.....**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED** DATE LEAK WAS DISCOVERED: **NOT REPORTED**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **NOT REPORTED**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **1992-09-01**
REMEDIAL ACTION UNDERWAY: **NOT REPORTED** POLLUTION CHARACTERIZATION: **NOT REPORTED**
REMEDICATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **NOT REPORTED**

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 10

Distance from Property: 0.271 mi. (1,431 ft.) SW
Elevation: 54 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300030
BUSINESS NAME: CHEVRON #9-5631
ADDRESS: 980 OLIVE DR
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570045
STATUS: COMPLETED - CASE CLOSED 03/03/1997
POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
RESPONSE	01/11/2016	VERBAL COMMUNICATION
ENFORCEMENT	03/03/1997	CLOSURE/NO FURTHER ACTION LETTER
OTHER	01/19/1989	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	03/03/1997
OPEN - SITE ASSESSMENT	09/01/1992
OPEN - CASE BEGIN DATE	01/19/1989

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: DAVID STAVAREK
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: DSTAVAREK@WATERBOARDS.CA.GOV

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Cortese List (CORTESE)

[MAP ID# 11](#)

Distance from Property: 0.281 mi. (1,484 ft.) SW
Elevation: 54 ft. (Higher than TP)

FACILITY INFORMATION

ID#: 570232

NAME: DAVIS HONDA YAMAHA

ADDRESS: 975 OLIVE

DAVIS, CA 95616

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Leaking Underground Storage Tanks (LUST)

MAP ID# 11

Distance from Property: 0.281 mi. (1,484 ft.) SW
Elevation: 54 ft. (Higher than TP)

SITE INFORMATION

ID#: **T0611300180** REGIONAL CASE #: **570232** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **DAVIS HONDA YAMAHA** RESPONSIBLE PARTY: **GANSBERGER, TED**
ADDRESS: **975 OLIVE DR** ADDRESS: **1606 DONNER WY, WOODLAND, CA 95695**
DAVIS, CA 95616
CROSS STREET: **RICHARDS BLVD**
COUNTY: **YOLO**
FACILITY OPERATOR: **TED GANSBERGER**

CASE INFORMATION

CASE TYPE: **SOIL IMPACTED** CASE WAS REPORTED: **1994-01-25**
CASE ENTERED INTO SYSTEM: **1994-02-01** CASE WAS REVIEWED: **NOT REPORTED**
CASE WAS CLOSED: **1993-09-23**
ENFORCEMENT TYPE: **NO ENFORCEMENT ACTION TAKEN**
ENFORCEMENT BEGAN: **1965-01-01**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
LEAD AGENCY: **LOCAL AGENCY LEAD** LOCAL AGENCY: **YOLO ENVIRONMENTAL HEALTH**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT TESTED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **MINOR CONTAMINATION FOUND UNDER TANK, CLEANED UP AND AERATED ON SITE.**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **TANK CLOSURE** DATE LEAK WAS DISCOVERED: **1993-09-23**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **1993-09-23**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**
REMEDIAL ACTION UNDERWAY: **NOT REPORTED** POLLUTION CHARACTERIZATION: **NOT REPORTED**
REMEDICATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **EXCAVATE AND TREAT**

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 11

Distance from Property: 0.281 mi. (1,484 ft.) SW
Elevation: 54 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300180
BUSINESS NAME: DAVIS HONDA YAMAHA
ADDRESS: 975 OLIVE DR
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570232
STATUS: COMPLETED - CASE CLOSED 09/23/1993
POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
OTHER	01/01/50	LEAK STOPPED
OTHER	01/25/1994	LEAK REPORTED
OTHER	09/23/1993	LEAK DISCOVERY
OTHER	09/23/1993	LEAK STOPPED

STATUS HISTORY

STATUS: DATE:
COMPLETED - CASE CLOSED 09/23/1993
OPEN - CASE BEGIN DATE 09/23/1993

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: DAVID STAVAREK
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: DSTAVAREK@WATERBOARDS.CA.GOV

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Cortese List (CORTESE)

[MAP ID# 12](#)

Distance from Property: 0.287 mi. (1,515 ft.) E

Elevation: 46 ft. (Lower than TP)

FACILITY INFORMATION

ID#: 5A572021N01

NAME: TIMPERLEY PROPERTY

ADDRESS: 1700 OLIVE

DAVIS, CA 95616

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Cortese List (CORTESE)

[MAP ID# 12](#)

Distance from Property: 0.287 mi. (1,515 ft.) E

Elevation: 46 ft. (Lower than TP)

FACILITY INFORMATION

ID#: 570077

NAME: TIMPERLEY PROPERTY

ADDRESS: 1700 OLIVE

DAVIS, CA 95616

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Leaking Underground Storage Tanks (LUST)

MAP ID# 12

Distance from Property: 0.287 mi. (1,515 ft.) E
Elevation: 46 ft. (Lower than TP)

SITE INFORMATION

ID#: T0611300050 REGIONAL CASE #: 570077

LOCAL CASE #: NOT REPORTED

SITE NAME: TIMPERLEY PROPERTY

RESPONSIBLE PARTY: MS. JEQUETTE FOWLER

ADDRESS: 1700 OLIVE DR
DAVIS, CA 95616

ADDRESS: 5 MONTE VISA DRIVE, WOODLAND, CA 95695

CROSS STREET: NOT REPORTED

COUNTY: YOLO

FACILITY OPERATOR: RICH VAN WERT

CASE INFORMATION

CASE TYPE: OTHER GROUNDWATER (NOT USED FOR DRINKING WATER)

CASE WAS REPORTED: 1988-10-21

CASE ENTERED INTO SYSTEM: 1989-08-13

CASE WAS REVIEWED: 2001-12-18

CASE WAS CLOSED: NOT REPORTED

ENFORCEMENT TYPE: INFORMAL STAFF ENFORCEMENT LETTER

ENFORCEMENT BEGAN: 2000-10-16

FUNDING TYPE: NOT REPORTED

REGIONAL BOARD RESPONSIBLE FOR CASE: NOT REPORTED

PROGRAM FOR THE CASE: LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM

INTERIM FOR THE CASE: NOT REPORTED

CURRENT STATUS: 7 - REMEDIAL ACTION UNDERWAY

LEAD AGENCY: REGIONAL BOARD LEAD LOCAL AGENCY: YOLO ENVIRONMENTAL HEALTH

MTBE CLASSIFICATION: A - HIGHEST PRIORITY

MAXIMUM MTBE CONCENTRATION WAS FOUND: 2001-05-25

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: 8.80

MAXIMUM SOIL CONCENTRATION OF MTBE: NOT REPORTED

NUMBER OF MTBE ANALYTICAL RESULTS: 9 MTBE TESTED: YES

NUMBER OF GASOLINE ANALYTICAL RESULTS: 1

CASE SUMMARY: NOT REPORTED

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: TANK CLOSURE

DATE LEAK WAS DISCOVERED: 1988-10-21

HOW THE CASE/LEAK WAS STOPPED: NOT REPORTED

LEAK WAS STOPPED: 1988-10-20

CAUSE OF LEAK: CORROSION

SOURCE OF LEAK: PIPING

LEAK CONFIRMATION: NOT REPORTED

SUBSTANCE/S RELEASED: UNLEADED GASOLINE

QUANTITY OF SUBSTANCE RELEASED: NOT REPORTED

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: 1988-10-21

PRELIMINARY SITE ASSESSEMENT UNDERWAY: NOT REPORTED

REMEDIAL ACTION UNDERWAY: 1994-06-29

POLLUTION CHARACTERIZATION: NOT REPORTED

REMEDICATION PLAN: NOT REPORTED

VERIFICATION MONITORING UNDERWAY: NOT REPORTED

CLEANUP FUND ID: NOT REPORTED

PRIORITY: NOT REPORTED

ABATEMENT METHOD: EXCAVATE AND TREAT

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 12

Distance from Property: 0.287 mi. (1,515 ft.) E
Elevation: 46 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300050
BUSINESS NAME: TIMPERLEY PROPERTY
ADDRESS: 1700 OLIVE DR
 DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570077
STATUS: COMPLETED - CASE CLOSED 08/26/2009
POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)

SITE HISTORY:

SEE FILE IN RWQCB OFFICE FOR COMPLETE SITE HISTORY. GROUNDWATER PUMP AND TREAT AND SOIL VAPOR EXTRACTION CONDUCTED TO REMEDIATE SITE.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
OTHER	01/01/50	LEAK STOPPED
REMEDIATION	01/01/50	PUMP & TREAT (P&T) GROUNDWATER
ENFORCEMENT	01/10/2010	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	10/31/2009	WELL DESTRUCTION REPORT
ENFORCEMENT	08/26/2009	CLOSURE/NO FURTHER ACTION LETTER
ENFORCEMENT	08/18/2009	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	07/20/2009	VERBAL COMMUNICATION
RESPONSE	07/03/2009	WELL DESTRUCTION WORKPLAN
ENFORCEMENT	05/21/2009	STAFF LETTER
RESPONSE	05/20/2009	WELL DESTRUCTION WORKPLAN
RESPONSE	05/11/2009	CORRESPONDENCE
ENFORCEMENT	05/08/2009	STAFF LETTER
RESPONSE	05/06/2009	CORRESPONDENCE
ENFORCEMENT	04/30/2009	STAFF LETTER
RESPONSE	04/30/2009	CORRESPONDENCE
RESPONSE	04/30/2009	RISK ASSESSMENT REPORT
RESPONSE	03/30/2009	CORRESPONDENCE
RESPONSE	03/10/2009	CORRESPONDENCE
RESPONSE	03/09/2009	CORRESPONDENCE
RESPONSE	03/04/2009	CORRESPONDENCE
RESPONSE	03/04/2009	VERBAL COMMUNICATION
RESPONSE	03/02/2009	CORRESPONDENCE

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	02/17/2009	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY
RESPONSE	01/27/2009	CORRESPONDENCE
RESPONSE	01/23/2009	VERBAL COMMUNICATION
RESPONSE	01/20/2009	VERBAL COMMUNICATION
RESPONSE	01/19/2009	CORRESPONDENCE
RESPONSE	01/15/2009	VERBAL COMMUNICATION
RESPONSE	12/22/2008	VERBAL COMMUNICATION
RESPONSE	10/24/2008	OTHER REPORT / DOCUMENT
ENFORCEMENT	10/09/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	08/12/2008	STAFF LETTER
RESPONSE	07/31/2008	MONITORING REPORT - QUARTERLY
RESPONSE	07/25/2008	OTHER WORKPLAN
ENFORCEMENT	06/23/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	06/23/2008	VERBAL COMMUNICATION
ENFORCEMENT	06/13/2008	VERBAL COMMUNICATION
ENFORCEMENT	06/12/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	06/03/2008	STAFF LETTER
ENFORCEMENT	06/02/2008	VERBAL COMMUNICATION
ENFORCEMENT	05/29/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	05/29/2008	VERBAL COMMUNICATION
ENFORCEMENT	05/27/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	04/30/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	03/12/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	03/12/2008	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY
RESPONSE	01/31/2008	MONITORING REPORT - QUARTERLY
RESPONSE	01/25/2008	OTHER REPORT / DOCUMENT
ENFORCEMENT	12/20/2007	VERBAL COMMUNICATION
RESPONSE	10/31/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	10/18/2007	STAFF LETTER
RESPONSE	07/30/2007	MONITORING REPORT - QUARTERLY
RESPONSE	07/20/2007	OTHER WORKPLAN
ENFORCEMENT	06/04/2007	STAFF LETTER
RESPONSE	04/30/2007	MONITORING REPORT - QUARTERLY
RESPONSE	03/30/2007	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY
RESPONSE	03/02/2007	OTHER REPORT / DOCUMENT
RESPONSE	01/31/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	12/18/2006	STAFF LETTER
RESPONSE	10/31/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	10/10/2006	MEETING
RESPONSE	05/12/2006	OTHER WORKPLAN
ENFORCEMENT	03/10/2006	STAFF LETTER
ENFORCEMENT	03/10/2006	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	10/31/2005	MONITORING REPORT - QUARTERLY
RESPONSE	07/31/2005	MONITORING REPORT - QUARTERLY

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	05/30/2005	OTHER REPORT / DOCUMENT
ENFORCEMENT	05/04/2005	* NO ACTION
RESPONSE	04/30/2005	MONITORING REPORT - QUARTERLY
RESPONSE	01/30/2005	MONITORING REPORT - QUARTERLY
RESPONSE	03/26/2004	OTHER REPORT / DOCUMENT
ENFORCEMENT	01/23/2004	STAFF LETTER
RESPONSE	07/31/2003	MONITORING REPORT - QUARTERLY
RESPONSE	04/30/2003	MONITORING REPORT - QUARTERLY
RESPONSE	04/25/2003	INTERIM REMEDIAL ACTION REPORT
RESPONSE	01/30/2003	MONITORING REPORT - QUARTERLY
ENFORCEMENT	01/28/2003	* HISTORICAL ENFORCEMENT
ENFORCEMENT	01/28/2003	STAFF LETTER
RESPONSE	01/17/2003	INTERIM REMEDIAL ACTION PLAN
ENFORCEMENT	12/04/2002	* HISTORICAL ENFORCEMENT
ENFORCEMENT	12/04/2002	FILE REVIEW
ENFORCEMENT	12/04/2002	STAFF LETTER
RESPONSE	11/18/2002	CORRESPONDENCE
RESPONSE	10/30/2002	MONITORING REPORT - QUARTERLY
RESPONSE	07/30/2002	MONITORING REPORT - QUARTERLY
ENFORCEMENT	07/18/2002	WARNING LETTER
ENFORCEMENT	07/01/2002	FILE REVIEW
RESPONSE	04/30/2002	MONITORING REPORT - QUARTERLY
RESPONSE	01/30/2002	MONITORING REPORT - QUARTERLY
RESPONSE	10/30/2001	MONITORING REPORT - QUARTERLY
RESPONSE	07/30/2001	MONITORING REPORT - QUARTERLY
RESPONSE	04/30/2001	MONITORING REPORT - QUARTERLY
ENFORCEMENT	10/16/2000	* HISTORICAL ENFORCEMENT
ENFORCEMENT	10/16/2000	CLEAN-UP AND ABATEMENT ORDER
REMEDIATION	05/05/1993	PUMP & TREAT (P&T) GROUNDWATER
OTHER	10/21/1988	LEAK DISCOVERY
OTHER	10/21/1988	LEAK REPORTED
OTHER	10/20/1988	LEAK STOPPED

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	08/26/2009
OPEN - VERIFICATION MONITORING	06/26/2008
OPEN - REMEDIATION	06/29/1994
OPEN - SITE ASSESSMENT	10/21/1988
OPEN - CASE BEGIN DATE	10/20/1988

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA

GeoTracker Cleanup Sites (CLEANUPSITES)

CONTACT NAME: **DAVID STAVAREK**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **DSTAVAREK@WATERBOARDS.CA.GOV**

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Cortese List (CORTESE)

[MAP ID# 13](#)

Distance from Property: 0.29 mi. (1,531 ft.) NW

Elevation: 53 ft. (Higher than TP)

FACILITY INFORMATION

ID#: 570251

NAME: FORMER SS

ADDRESS: 408 G

DAVIS, CA 95616

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Leaking Underground Storage Tanks (LUST)

MAP ID# 13

Distance from Property: 0.29 mi. (1,531 ft.) NW
Elevation: 53 ft. (Higher than TP)

SITE INFORMATION

ID#: **T0611300198** REGIONAL CASE #: **570251** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **FORMER SS** RESPONSIBLE PARTY: **PENA, CELSO**
ADDRESS: **408 G ST** ADDRESS: **NOT REPORTED**
DAVIS, CA 95616
CROSS STREET: **NOT REPORTED**
COUNTY: **YOLO**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **DRINKING WATER AQUIFER** CASE WAS REPORTED: **1995-07-19**
CASE ENTERED INTO SYSTEM: **1995-07-19** CASE WAS REVIEWED: **2000-04-28**
CASE WAS CLOSED: **2000-04-28**
ENFORCEMENT TYPE: **NO ENFORCEMENT ACTION TAKEN**
ENFORCEMENT BEGAN: **1965-01-01**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **NOT REPORTED**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **YOLO ENVIRONMENTAL HEALTH**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT TESTED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **FILE TRANSFERED TO SLIC & DELETED FROM LUSTIS - 1993? FORMER CASE #570149 REINSTATED IN LUSTIS 07/19/95 PER EAT SITE DID HAVE UGT'S**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED** DATE LEAK WAS DISCOVERED: **NOT REPORTED**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **NOT REPORTED**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **1991-03-20**
REMEDIAL ACTION UNDERWAY: **NOT REPORTED** POLLUTION CHARACTERIZATION: **NOT REPORTED**
REMEDICATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **NOT REPORTED**

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 13

Distance from Property: 0.29 mi. (1,531 ft.) NW
Elevation: 53 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300198
BUSINESS NAME: FORMER SS
ADDRESS: 408 G ST
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570251
STATUS: COMPLETED - CASE CLOSED 01/13/2009
POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
OTHER	07/19/1995	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	01/13/2009
OPEN - CASE BEGIN DATE	03/20/1991
OPEN - SITE ASSESSMENT	03/20/1991

CONTACT DETAILS

ORGANIZATION: YOLO COUNTY DPT PARKS AND RESOURCES
ADDRESS: 625 COURT STREET
CITY: WOODLAND
CONTACT NAME: SCOTT LINES
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: SCOTT.LINES@YOLOCOUNTY.ORG
ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: ZZZ
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: INFO5@WATERBOARDS.CA.GOV

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 14

Distance from Property: 0.357 mi. (1,885 ft.) NW
Elevation: 52 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: SL0611328818
BUSINESS NAME: DAVIS CENTER PROJECT
ADDRESS: 5TH & G STREETS
DAVIS, CA
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: SL0611328818
STATUS: OPEN - VERIFICATION MONITORING 09/01/2005
POTENTIAL CONTAMINATION:
TETRACHLOROETHYLENE (PCE)
POTENTIAL MEDIA AFFECTED:
OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL VAPOR
SITE HISTORY:

THE SITE ENCOMPASSES PORTIONS OF THREE CITY BLOCKS WITH THE CITY OF DAVIS. ONE CITY BLOCK, BOUNDED BY FIFTH STREET TO THE NORTH, A RAILROAD SPUR TO THE EAST, FOURTH STREET TO THE SOUTH, AND G STREET TO THE WEST, IS REFERRED TO AS THE PLAZA PROPERTY. THIS CITY BLOCK WAS OWNED BY THE CITY OF DAVIS UNTIL SEPTEMBER 1997, WHEN OWNERSHIP WAS TRANSFERRED TO 5TH AND G PLAZA, INC. THE OTHER TWO CITY BLOCKS CONSIDERED PART OF THE SITE ARE LOCATED WEST AND SOUTH OF THE PLAZA PROPERTY. TETRACHLOROETHYLENE (PCE) WAS FIRST DETECTED WITHIN SHALLOW GROUNDWATER DURING A SITE INVESTIGATION CONDUCTED AT A FORMER SERVICE STATION IN THE SOUTHWEST CORNER OF THE PLAZA PROPERTY IN 1990.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
RESPONSE	11/17/2006	MONITORING REPORT - QUARTERLY
OTHER	01/02/1965	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - VERIFICATION MONITORING	09/01/2005
OPEN - REMEDIATION	07/02/2000
OPEN - SITE ASSESSMENT	11/02/1990
OPEN - CASE BEGIN DATE	11/01/1990

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: NATHAN CASEBEER
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: NATHAN.CASEBEER@WATERBOARDS.CA.GOV

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Leaking Underground Storage Tanks (LUST)

MAP ID# 14

Distance from Property: 0.352 mi. (1,859 ft.) NW
Elevation: 52 ft. (Higher than TP)

SITE INFORMATION

ID#: **T0611307549** REGIONAL CASE #: **570317** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **SHELL SERVICE STATION** RESPONSIBLE PARTY: **DENIS BROWN**
ADDRESS: **435 G STREET** ADDRESS: **P.O. BOX 7869**
DAVIS, CA 95616
CROSS STREET: **5TH STREET**
COUNTY: **YOLO**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **DRINKING WATER AQUIFER** CASE WAS REPORTED: **2002-12-06**
CASE ENTERED INTO SYSTEM: **NOT REPORTED** CASE WAS REVIEWED: **NOT REPORTED**
CASE WAS CLOSED: **2006-03-30**
ENFORCEMENT TYPE: **INFORMAL STAFF ENFORCEMENT LETTER**
ENFORCEMENT BEGAN: **NOT REPORTED**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **YOLO ENVIRONMENTAL HEALTH**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **YES**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **THERE WAS MTBE IN MONITORING WELLS BELOW 5 PPB AT START OF PROJECT BUT NOW ALL WELLS ARE NON-DETECT FOR MTBE. LEAD IN SOIL AND GROUNDWATER ARE THE CONCERNS AT THIS SITE.**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED** DATE LEAK WAS DISCOVERED: **2002-10-10**
HOW THE CASE/LEAK WAS STOPPED: **REPAIR TANK** LEAK WAS STOPPED: **2002-10-30**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **OTHER**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **2002-12-06**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**
REMEDIAL ACTION UNDERWAY: **2005-08-26** POLLUTION CHARACTERIZATION: **2005-06-23**
REMEDIATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **NOT REPORTED**

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **NOT REPORTED**

BENEFICIAL USE: **NOT REPORTED**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 14

Distance from Property: 0.352 mi. (1,859 ft.) NW
Elevation: 52 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: T0611307549
BUSINESS NAME: SHELL SERVICE STATION
ADDRESS: 435 G STREET
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570317
STATUS: COMPLETED - CASE CLOSED 03/30/2006
POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK BEGAN
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
OTHER	01/01/50	LEAK STOPPED
REMEDIATION	01/01/50	EXCAVATION
RESPONSE	04/30/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	03/30/2006	CLOSURE/NO FURTHER ACTION LETTER
RESPONSE	03/15/2006	UNKNOWN
RESPONSE	01/30/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	12/21/2005	STAFF LETTER
RESPONSE	10/31/2005	MONITORING REPORT - QUARTERLY
RESPONSE	10/31/2005	OTHER REPORT / DOCUMENT
RESPONSE	09/30/2005	FINAL REMEDIAL ACTION REPORT / CORRECTIVE ACTION REPORT
RESPONSE	07/30/2005	MONITORING REPORT - QUARTERLY
RESPONSE	07/29/2005	SOIL AND WATER INVESTIGATION WORKPLAN
ENFORCEMENT	06/27/2005	PREPARATION OF RECORD FOR APPEAL/REFERRAL/PETITION
ENFORCEMENT	06/23/2005	STAFF LETTER
ENFORCEMENT	05/24/2005	STAFF LETTER
RESPONSE	04/30/2005	MONITORING REPORT - QUARTERLY
RESPONSE	03/11/2005	OTHER REPORT / DOCUMENT
RESPONSE	02/25/2005	OTHER WORKPLAN
ENFORCEMENT	02/22/2005	* VERBAL COMMUNICATION
RESPONSE	01/30/2005	MONITORING REPORT - QUARTERLY
ENFORCEMENT	12/17/2004	* HISTORICAL ENFORCEMENT
ENFORCEMENT	12/17/2004	STAFF LETTER

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	11/24/2004	STAFF LETTER
RESPONSE	11/19/2004	SOIL AND WATER INVESTIGATION WORKPLAN
RESPONSE	10/30/2004	MONITORING REPORT - QUARTERLY
ENFORCEMENT	09/18/2004	STAFF LETTER
ENFORCEMENT	09/17/2004	STAFF LETTER
RESPONSE	07/30/2004	MONITORING REPORT - QUARTERLY
RESPONSE	04/30/2004	MONITORING REPORT - QUARTERLY
RESPONSE	03/26/2004	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	01/30/2004	MONITORING REPORT - QUARTERLY
ENFORCEMENT	01/13/2004	STAFF LETTER
RESPONSE	10/31/2003	MONITORING REPORT - QUARTERLY
RESPONSE	09/12/2003	OTHER REPORT / DOCUMENT
RESPONSE	09/12/2003	SOIL AND WATER INVESTIGATION WORKPLAN
ENFORCEMENT	08/26/2003	* VERBAL COMMUNICATION
RESPONSE	07/31/2003	MONITORING REPORT - QUARTERLY
ENFORCEMENT	05/22/2003	* HISTORICAL ENFORCEMENT
ENFORCEMENT	05/22/2003	STAFF LETTER
OTHER	12/06/2002	LEAK REPORTED
OTHER	10/30/2002	LEAK STOPPED
REMEDIATION	10/30/2002	EXCAVATION
OTHER	10/10/2002	LEAK DISCOVERY
OTHER	01/01/2001	LEAK BEGAN

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	03/30/2006
OPEN - REMEDIATION	08/26/2005
OPEN - SITE ASSESSMENT	06/23/2005
OPEN - SITE ASSESSMENT	11/19/2004
OPEN - SITE ASSESSMENT	11/10/2003
OPEN - SITE ASSESSMENT	12/06/2002
OPEN - CASE BEGIN DATE	10/03/2002

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)

ADDRESS: 11020 SUN CENTER DRIVE #200

CITY: RANCHO CORDOVA

CONTACT NAME: DAVID STAVAREK

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: DSTAVAREK@WATERBOARDS.CA.GOV

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Cortese List (CORTESE)

[MAP ID# 15](#)

Distance from Property: 0.353 mi. (1,864 ft.) E

Elevation: 44 ft. (Lower than TP)

FACILITY INFORMATION

ID#: 570041

NAME: ARCO (FORMER)

ADDRESS: 1800 OLIVE
DAVIS, CA 95616

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Leaking Underground Storage Tanks (LUST)

MAP ID# 15

Distance from Property: 0.353 mi. (1,864 ft.) E
Elevation: 44 ft. (Lower than TP)

SITE INFORMATION

ID#: T0611300027 REGIONAL CASE #: 570041

LOCAL CASE #: NOT REPORTED

SITE NAME: ARCO (FORMER)

RESPONSIBLE PARTY: SWIFT/ARCO

ADDRESS: 1800 OLIVE DR

ADDRESS: 1733 FULTON AVE, SACRAMENTO, CA 95825

DAVIS, CA 95616

CROSS STREET: NOT REPORTED

COUNTY: YOLO

FACILITY OPERATOR: NOT REPORTED

CASE INFORMATION

CASE TYPE: DRINKING WATER AQUIFER

CASE WAS REPORTED: 1987-07-09

CASE ENTERED INTO SYSTEM: 1988-01-08

CASE WAS REVIEWED: 1996-08-09

CASE WAS CLOSED: 1996-08-06

ENFORCEMENT TYPE: NO ENFORCEMENT ACTION TAKEN

ENFORCEMENT BEGAN: 1996-01-26

FUNDING TYPE: NOT REPORTED

REGIONAL BOARD RESPONSIBLE FOR CASE: NOT REPORTED

PROGRAM FOR THE CASE: LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM

INTERIM FOR THE CASE: NOT REPORTED

CURRENT STATUS: 9 - CASE CLOSED

LEAD AGENCY: REGIONAL BOARD LEAD

LOCAL AGENCY: YOLO ENVIRONMENTAL HEALTH

MTBE CLASSIFICATION: NOT REPORTED

MAXIMUM MTBE CONCENTRATION WAS FOUND: NOT REPORTED

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: NOT REPORTED

MAXIMUM SOIL CONCENTRATION OF MTBE: NOT REPORTED

NUMBER OF MTBE ANALYTICAL RESULTS: 0

MTBE TESTED: NOT REQUIRED

NUMBER OF GASOLINE ANALYTICAL RESULTS: 0

CASE SUMMARY: TANKS WERE REMOVED IN 1987. DIESEL FOUND IN SOIL & GW. FAILURE TO RESPOND RESULTED IN C&A ORDER. INVESTIGATION FOUND NATURE OF SOIL DIFFICULT AND COSTLY TO REMEDIATE. APROX 352 LBS OLD DIESEL REMAINS IN SOIL...

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: TANK CLOSURE

DATE LEAK WAS DISCOVERED: 1987-07-09

HOW THE CASE/LEAK WAS STOPPED: NOT REPORTED

LEAK WAS STOPPED: NOT REPORTED

CAUSE OF LEAK: STRUCTURAL FAILURE

SOURCE OF LEAK: TANK

LEAK CONFIRMATION: NOT REPORTED

SUBSTANCE/S RELEASED: DIESEL FUEL OIL AND ADDITIVES

QUANTITY OF SUBSTANCE RELEASED: NOT REPORTED

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: NOT REPORTED

PRELIMINARY SITE ASSESSEMENT UNDERWAY: 1987-07-09

REMEDIAL ACTION UNDERWAY: 1994-06-29

POLUTION CHARACTERIZATION: NOT REPORTED

REMEDATION PLAN: NOT REPORTED

VERIFICATION MONITORING UNDERWAY: NOT REPORTED

CLEANUP FUND ID: NOT REPORTED

PRIORITY: NOT REPORTED

ABATEMENT METHOD: EXCAVATE AND TREAT

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 15

Distance from Property: 0.353 mi. (1,864 ft.) E
Elevation: 44 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300027
BUSINESS NAME: ARCO (FORMER)
ADDRESS: 1800 OLIVE DR
 DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570041
STATUS: COMPLETED - CASE CLOSED 08/06/1996
POTENTIAL CONTAMINATION:

DIESEL

POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
ENFORCEMENT	08/06/1996	CLOSURE/NO FURTHER ACTION LETTER
ENFORCEMENT	01/26/1996	* HISTORICAL ENFORCEMENT
ENFORCEMENT	01/26/1996	* NO ACTION
OTHER	07/09/1987	LEAK DISCOVERY
OTHER	07/09/1987	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	08/06/1996
OPEN - REMEDIATION	06/29/1994
OPEN - CASE BEGIN DATE	07/09/1987
OPEN - SITE ASSESSMENT	07/09/1987

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: DAVID STAVAREK
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: DSTAVAREK@WATERBOARDS.CA.GOV

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Cortese List (CORTESE)

[MAP ID# 16](#)

Distance from Property: 0.382 mi. (2,017 ft.) NW
Elevation: 52 ft. (Higher than TP)

FACILITY INFORMATION

ID#: 570233

NAME: UNOCAL #4846

ADDRESS: 501 G
DAVIS, CA 95616

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Leaking Underground Storage Tanks (LUST)

MAP ID# 16

Distance from Property: 0.382 mi. (2,017 ft.) NW
Elevation: 52 ft. (Higher than TP)

SITE INFORMATION

ID#: T0611300181 REGIONAL CASE #: 570233
SITE NAME: 76 BROADWAY (AKA) UNOCAL #4846
ADDRESS: 501 G ST
DAVIS, CA 95616

LOCAL CASE #: NOT REPORTED
RESPONSIBLE PARTY: SHELBY LATHROP
ADDRESS: 76 BROADWAY

CROSS STREET: 5TH

COUNTY: YOLO

FACILITY OPERATOR: SHELBY LATHROP

CASE INFORMATION

CASE TYPE: DRINKING WATER AQUIFER
CASE ENTERED INTO SYSTEM: 1994-02-01

CASE WAS REPORTED: 1993-06-12

CASE WAS REVIEWED: 1994-01-27

CASE WAS CLOSED: 1993-01-27

ENFORCEMENT TYPE: NO ENFORCEMENT ACTION TAKEN

ENFORCEMENT BEGAN: 1965-01-01

FUNDING TYPE: NOT REPORTED

REGIONAL BOARD RESPONSIBLE FOR CASE: NOT REPORTED

PROGRAM FOR THE CASE: LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM

INTERIM FOR THE CASE: NOT REPORTED

CURRENT STATUS: 5C - POLLUTION CHARACTERIZATION

LEAD AGENCY: REGIONAL BOARD LEAD LOCAL AGENCY: YOLO ENVIRONMENTAL HEALTH

MTBE CLASSIFICATION: NOT REPORTED

MAXIMUM MTBE CONCENTRATION WAS FOUND: NOT REPORTED

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: NOT REPORTED

MAXIMUM SOIL CONCENTRATION OF MTBE: NOT REPORTED

NUMBER OF MTBE ANALYTICAL RESULTS: 0 MTBE TESTED: YES

NUMBER OF GASOLINE ANALYTICAL RESULTS: 0

CASE SUMMARY: 1.3 PPM TPH IN SAMPLE. MAX.

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: NOT REPORTED

DATE LEAK WAS DISCOVERED: 1993-05-27

HOW THE CASE/LEAK WAS STOPPED: NOT REPORTED

LEAK WAS STOPPED: 1993-05-27

CAUSE OF LEAK: NOT REPORTED

SOURCE OF LEAK: OTHER

LEAK CONFIRMATION: NOT REPORTED

SUBSTANCE/S RELEASED: GASOLINE - AUTOMOTIVE

QUANTITY OF SUBSTANCE RELEASED: NOT REPORTED

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: NOT REPORTED

PRELIMINARY SITE ASSESSEMENT UNDERWAY: 1993-01-01

REMEDIAL ACTION UNDERWAY: 1993-01-07

POLLUTION CHARACTERIZATION: 2006-09-13

REMEDICATION PLAN: NOT REPORTED

VERIFICATION MONITORING UNDERWAY: NOT REPORTED

CLEANUP FUND ID: NOT REPORTED

PRIORITY: NOT REPORTED

ABATEMENT METHOD: OTHER

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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Leaking Underground Storage Tanks (LUST)

MAP ID# 16

Distance from Property: 0.382 mi. (2,017 ft.) NW
Elevation: 52 ft. (Higher than TP)

SITE INFORMATION

ID#: **T0611393678** REGIONAL CASE #: **XX570233** LOCAL CASE #: **XX570233**
SITE NAME: **UNOCAL #4946** RESPONSIBLE PARTY: **NOT REPORTED**
ADDRESS: **501 G ST** ADDRESS: **NOT REPORTED**
DAVIS, CA 95616
CROSS STREET: **NOT REPORTED**
COUNTY: **CONTRA COSTA**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **SOIL IMPACTED** CASE WAS REPORTED: **NOT REPORTED**
CASE ENTERED INTO SYSTEM: **NOT REPORTED** CASE WAS REVIEWED: **NOT REPORTED**
CASE WAS CLOSED: **NOT REPORTED**
ENFORCEMENT TYPE: **NOT REPORTED**
ENFORCEMENT BEGAN: **NOT REPORTED**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **7 - REMEDIAL ACTION UNDERWAY**
LEAD AGENCY: **NOT REPORTED** LOCAL AGENCY: **YOLO ENVIRONMENTAL HEALTH**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT TESTED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED** DATE LEAK WAS DISCOVERED: **NOT REPORTED**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **NOT REPORTED**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **PIPING**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**
REMEDIAL ACTION UNDERWAY: **2001-01-23** POLLUTION CHARACTERIZATION: **NOT REPORTED**
REMEDICATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **NOT REPORTED**

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **NOT REPORTED**

BENEFICIAL USE: **NOT REPORTED**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 16

Distance from Property: 0.382 mi. (2,017 ft.) NW
Elevation: 52 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300181
BUSINESS NAME: 76 BROADWAY (AKA) UNOCAL #4846
ADDRESS: 501 G ST
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570233
STATUS: COMPLETED - CASE CLOSED 12/30/2009
POTENTIAL CONTAMINATION:
GASOLINE, WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
POTENTIAL MEDIA AFFECTED:
AQUIFER USED FOR DRINKING WATER SUPPLY
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
OTHER	01/01/50	LEAK STOPPED
REMEDIATION	01/01/50	EXCAVATION
REMEDIATION	01/01/50	MONITORED NATURAL ATTENUATION
REMEDIATION	01/01/50	OTHER (USE DESCRIPTION FIELD)
RESPONSE	02/10/2010	CORRESPONDENCE
RESPONSE	02/10/2010	VERBAL COMMUNICATION
RESPONSE	01/21/2010	VERBAL COMMUNICATION
ENFORCEMENT	12/30/2009	CLOSURE/NO FURTHER ACTION LETTER
ENFORCEMENT	11/09/2009	STAFF LETTER
ENFORCEMENT	08/17/2009	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	08/12/2009	STAFF LETTER
RESPONSE	07/31/2009	REQUEST FOR CLOSURE
ENFORCEMENT	05/04/2009	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	04/15/2009	STAFF LETTER
ENFORCEMENT	04/15/2009	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	10/31/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	08/19/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	07/31/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	07/28/2008	STAFF LETTER
RESPONSE	07/25/2008	VERBAL COMMUNICATION
RESPONSE	07/18/2008	OTHER WORKPLAN
ENFORCEMENT	05/22/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	05/16/2008	STAFF LETTER

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	05/15/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	04/30/2008	MONITORING REPORT - QUARTERLY
RESPONSE	01/31/2008	MONITORING REPORT - QUARTERLY
RESPONSE	12/21/2007	CAP/RAP - OTHER REPORT
RESPONSE	12/21/2007	OTHER REPORT / DOCUMENT
ENFORCEMENT	11/30/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	11/30/2007	VERBAL COMMUNICATION
RESPONSE	11/30/2007	OTHER REPORT / DOCUMENT
RESPONSE	11/30/2007	SENSITIVE RECEPTOR SURVEY REPORT
REMEDIATION	11/06/2007	OTHER (USE DESCRIPTION FIELD)
RESPONSE	10/31/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	09/19/2007	STAFF LETTER
RESPONSE	08/31/2007	INTERIM REMEDIAL ACTION PLAN
RESPONSE	08/31/2007	OTHER WORKPLAN
RESPONSE	07/30/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	06/25/2007	STAFF LETTER
RESPONSE	04/30/2007	MONITORING REPORT - QUARTERLY
RESPONSE	04/06/2007	OTHER REPORT / DOCUMENT
ENFORCEMENT	03/23/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	03/21/2007	VERBAL COMMUNICATION
RESPONSE	01/31/2007	MONITORING REPORT - QUARTERLY
RESPONSE	10/31/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	10/04/2006	STAFF LETTER
RESPONSE	09/29/2006	SOIL AND WATER INVESTIGATION WORKPLAN
RESPONSE	07/31/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	07/27/2006	MEETING
RESPONSE	04/30/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	09/07/2005	STAFF LETTER
ENFORCEMENT	09/07/2005	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	08/05/2005	SOIL AND WATER INVESTIGATION WORKPLAN
ENFORCEMENT	06/20/2005	STAFF LETTER
ENFORCEMENT	06/15/2005	* NO ACTION
OTHER	06/12/1993	LEAK REPORTED
OTHER	05/27/1993	LEAK DISCOVERY
OTHER	05/27/1993	LEAK STOPPED
REMEDIATION	05/27/1993	MONITORED NATURAL ATTENUATION
REMEDIATION	05/10/1993	EXCAVATION

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	12/30/2009
OPEN - VERIFICATION MONITORING	08/09/2009
OPEN - SITE ASSESSMENT	09/13/2006
OPEN - SITE ASSESSMENT	08/04/2005

GeoTracker Cleanup Sites (CLEANUPSITES)

STATUS:	DATE:
OPEN - REOPEN CASE	06/01/2005
COMPLETED - CASE CLOSED	01/27/1993
OPEN - REMEDIATION	01/07/1993
OPEN - CASE BEGIN DATE	01/01/1993
OPEN - SITE ASSESSMENT	01/01/1993

CONTACT DETAILS

ORGANIZATION: **YOLO COUNTY**
ADDRESS: **137 NORTH COTTONWOOD STREET, SUITE 2400**
CITY: **WOODLAND**
CONTACT NAME: **ALEEM SHAFI**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **NOT REPORTED**

[Back to Report Summary](#)

Voluntary Cleanup Program (VCP)

[MAP ID# 17](#)

Distance from Property: 0.361 mi. (1,906 ft.) E

Elevation: 46 ft. (Lower than TP)

SITE INFORMATION

ID #: 57820001

SIC CLASSIFICATION: EDUCATIONAL SERVICES

NAME: FAMILIESFIRST - SCHOOL COMPLEX

STATUS (DATE): NO ACTION - FOR CALMORTGAGE ONLY, (08/23/1994)

ADDRESS: 1909 GALILEO COURT

LEAD AGENCY: DEPT OF TOXIC SUBSTANCES CONTROL

DAVIS, CA 95616

SITE BACKGROUND

NOT REPORTED

COMMENTS

(08/23/1994) - PURSUANT TO THE MOU, DTSC HAS REVIEWED A NEGATIVE DECLARATION AND OTHER DOCUMENTS FOR THE FAMILIESFIRST - SCHOOL COMPLEX. THE SUBJECT PROPERTY, CURRENTLY LEASED BY FAMILIESFIRST, INC. (FF), CONTAINS A SCHOOL AND OFFICE COMPLEX. FF IS PROPOSING TO PURCHASE THE PROPERTY AND CONTINUE ITS CURRENT USE. A SUPPLEMENTAL PHASE I ENVIRONMENTAL ASSESSMENT REPORT WAS PREPARED BY DTSC AND CONCLUDED THAT NO ACTION WAS NEEDED FOR THIS PROPERTY; THERE IS NO CONTAMINATION ON THE PROPERTY.

[Back to Report Summary](#)

CALSITES Database (CALSITES)

MAP ID# 17

Distance from Property: 0.361 mi. (1,906 ft.) E
Elevation: 46 ft. (Lower than TP)

FACILITY INFORMATION

ID #: 57820001

NAME: FAMILIESFIRST - SCHOOL COMPLEX

ADDRESS: 1909 GALILEO COURT

DAVIS, CA

STATUS (DATE): **NO ACTION - FOR CALMORTGAGE ONLY (08231994)**

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

EDUCATIONAL SERVICES

ACCESS TO SITE: **NOT REPORTED**

GROUNDWATER CONTAMINATION: **NOT REPORTED**

COMMENTS

PURSUANT TO THE MOU, DTSC HAS REVIEWED A NEGATIVE DECLARATION AND OTHER DOCUMENTS FOR THE FAMILIESFIRST - SCHOOL COMPLEX. THE SUBJECT PROPERTY, CURRENTLY LEASED BY FAMILIESFIRST, INC. (FF), CONTAINS A SCHOOL AND OFFICE COMPLEX. FF IS PROPOSING TO PURCHASE THE PROPERTY AND CONTINUE ITS CURRENT USE. A SUPPLEMENTAL PHASE I ENVIRONMENTAL ASSESSMENT REPORT WAS PREPARED BY DTSC AND CONCLUDED THAT NO ACTION WAS NEEDED FOR THIS PROPERTY; THERE IS NO CONTAMINATION ON THE PROPERTY.

[Back to Report Summary](#)

Cortese List (CORTESE)

[MAP ID# 18](#)

Distance from Property: 0.368 mi. (1,943 ft.) N

Elevation: 47 ft. (Lower than TP)

FACILITY INFORMATION

ID#: 57550001

NAME: GAS'N' SAVE

ADDRESS: 504 L

DAVIS, CA 95616

[Back to Report Summary](#)

EnviroStor Cleanup Sites (ENVIROSTOR)

MAP ID# 18

Distance from Property: 0.367 mi. (1,938 ft.) N
Elevation: 47 ft. (Lower than TP)

SITE INFORMATION

ID #: **57550001** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **GAS'N'SAVE**

ADDRESS: **504 L STREET**
DAVIS, CA 95616

COUNTY: **YOLO**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **RWQCB 5S - CENTRAL VALLEY**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **WILLIAM BECKMAN**

DTSC DIVISION BRANCH: **CLEANUP SACRAMENTO**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **STATE RESPONSE**

SITE TYPE DESCRIPTION

STATE RESPONSE: IDENTIFIES CONFIRMED RELEASE SITES WHERE DTSC IS INVOLVED IN REMEDIATION, EITHER IN A LEAD OR OVERSIGHT CAPACITY. THESE CONFIRMED RELEASE SITES ARE GENERALLY HIGH-PRIORITY AND HIGH POTENTIAL RISK.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 7/1/1996)

REFER: RWQCB -

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN

NONESPECIFIED - NONE SPECIFIED

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CALSITES Database (CALSITES)

MAP ID# 18

Distance from Property: 0.368 mi. (1,943 ft.) N

Elevation: 47 ft. (Lower than TP)

FACILITY INFORMATION

ID #: 57550001

NAME: GAS'N'SAVE

ADDRESS: 504 L STREET

DAVIS, CA

STATUS (DATE): PROPERTY/SITE REFERRED TO RWQCB (07011996)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

RETAIL - AUTO DEALERS & SERVICE STATIONS

ACCESS TO SITE: NOT REPORTED

GROUNDWATER CONTAMINATION: C

COMMENTS

RA: INTERIM GROUNDWATER EXTRACTION SYSTEM TO PROVIDE HYDRAULIC CONTROL OF THE IMPACTED GROUNDWATER. SITE SCREENING DONE. RAP - A VAPOR EXTRACTION SYSTEM WAS APPROVED AS THE PREFERRED ALTERNATIVE IN THE RAP FOR SOIL CONTAMINATION. RA: PHASE I VAPOR EXTRACTION SYSTEM. SITE WAS A GAS STATION. CONTAMINANTS INCLUDE BENZENE, TOLUENE, ETHYL BENZENE, AND XYLENE (BTX). DA REFERRAL LETTER ISSUED TO THE YOLO COUNTY DISTRICT ATTORNEY WHICH INFORMS THE DA OF WORK PERFORMED AND WORK YET TO BE PERFORMED AT THE SITE -- RPS ARE NOT COMPLYING WITH THE COURT ORDER. DESIGN -- THE DEPARTMENT APPROVED THE SOIL REMEDIATION DESIGN WORKPLAN (PHASE II DESIGN) DATED 2/94 SUBMITTED BY ARMOUR OIL FOR THE SUBJECT SITE. DEPT. APPROVAL WAS ISSUED 5/5/94. THE OBJECTIVE OF THE PHASE II DESIGN IS TO REMEDIATE REMAINING "HOT SPOTS" WHERE TOTAL PETROLEUM HYDRO-CARBONS AS GASOLINE REMAIN ABOVE THE ESTABLISHED CLEANUP LEVEL OF 10 PPM. THE APPROVED DESIGN CONSISTS OF INSTALLING AND OPERATING A TOTAL OF 9 VAPOR-EXTRACTION WELLS ON SITE AND ON ADJACENT PG&E PROPERTY. PHASE II DESIGN IMPLEMENTATION WILL COMMENCE IMMEDIATELY AFTER ACQUIRING ACCESS APPROVAL FROM ADJACENT SITES. COST NFCRA A NO FURTHER COST RECOVERY ACTION HAS BEEN COMPLETED.

BACKGROUND

THE GAS-N-SAVE GASOLINE STATION SITE HAD MAJOR LEAKS IN THE DISTRIBUTION SYSTEM TO THE UNDERGROUND STORAGE TANKS WHICH RELEASED 16,000 TO 35,000 GALLONS OF GASOLINE. THE UNDERLYING SOIL AND GROUNDWATER WAS EXTENSIVELY CONTAMINATED WITH GASOLINE AND ITS BENZENE, TOLUENE, ETHYL BENZENE AND XYLENE ADDITIVES. THE SITE IS CURRENTLY NOT IN OPERATION. THE DAVIS AREA IS DEPENDENT UPON GROUNDWATER FOR DOMESTIC AND MUNICIPAL USE. THE MAJOR CONCERN IS THAT THE LOCAL MUNICIPAL WELLS WOULD BE IMPACTED BY THE CONTAMINATION. A MUNICIPAL WELL (CW 14) IS LOCATED ON THE PROPERTY NORTH OF THE GAS STATION. RESEALING OF CW 14 WAS UNDERTAKEN TO REMOVE CW 14'S EXTENSIVE GRAVEL PACK. THE RESEALING HAS SINCE ELIMINATED A POTENTIAL SOURCE OF CROSS CONTAMINATION. NO PRIVATE DOMESTIC WELLS ARE LOCATED IN THE CONTAMINATED GROUNDWATER PLUME AREA. EXPOSURE THROUGH AIR AND DIRECT CONTACT BY THE GENERAL PUBLIC IS MITIGATED BY THE CURRENT SITE USE. THE COURT ORDER THAT IDENTIFIED ARMOUR OIL AS A RP WAS FILED ON SEPTEMBER 1985. AN INTERIM GROUNDWATER EXTRACTION SYSTEM WAS IMPLEMENTED IN AUGUST 1986 TO PROVIDE HYDRAULIC CONTROL OF THE IMPACTED GROUNDWATER. IN JUNE 1990, A CONTINGENCY PLAN TO THE GROUNDWATER EXTRACTION SYSTEM WAS ADOPTED AS THE RAP FOR GROUNDWATER. THE CONTINGENCY PLAN WAS TRIGGERED IN AUGUST 1990 WHEN HYDRAULIC CONTROL WAS NOT MAINTAINED OVER THE CONTAMINATED GROUNDWATER PLUME. THE CONTINGENCY PLAN WHICH CALLED FOR THE INSTALLATION OF A DEEPER EXTRACTION WELL, WAS IMPLEMENTED IN OCTOBER 1990. BECAUSE OF THE LOWERING WATER TABLE, THIS EXTRACTION WELL HAD FAILED TO PROVIDE AN ADEQUATE CAPTURE ZONE. ADDITIONAL GROUNDWATER MONITORING WELLS WERE INSTALLED TO DEFINE THE EXTENT OF CONTAMINATION AND TO VERIFY THE CALCULATED CAPTURE ZONE. ALL GROUNDWATER MONITORING WELLS NOT PROVIDING BENEFICIAL DATA FOR EVALUATING THE EFFECTIVENESS OF THE GROUNDWATER REMEDIATION HAVE BEEN

CALSITES Database (CALSITES)

PROPERLY DECOMMISSIONED. A VAPOR EXTRACTION SYSTEM WAS APPROVED AS THE PREFERRED ALTERNATIVE IN THE RAP FOR SOIL CONTAMINATION IN AUGUST 1988. THE RAP WAS TO BE IMPLEMENTED IN PHASES. PHASE I, BEGAN EXTRACTING VAPORS IN JULY 1989. PHASE II BEGAN EXTRACTING VAPORS IN JANUARY 1995.

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Leaking Underground Storage Tanks (LUST)

MAP ID# 18

Distance from Property: 0.368 mi. (1,943 ft.) N
Elevation: 47 ft. (Lower than TP)

SITE INFORMATION

ID#: T0611300001 REGIONAL CASE #: 570001

LOCAL CASE #: NOT REPORTED

SITE NAME: GAS N SAVE (ARMOUR OIL)

RESPONSIBLE PARTY: BLANK RP

ADDRESS: 504 L ST & 5TH ST

ADDRESS: 600 WILSHIRE BLVD, LOS ANGELES, CA 90017

DAVIS, CA 95616

CROSS STREET: NOT REPORTED

COUNTY: YOLO

FACILITY OPERATOR: NOT REPORTED

CASE INFORMATION

CASE TYPE: OTHER GROUNDWATER (NOT USED FOR DRINKING WATER)

CASE WAS REPORTED: 1984-08-07

CASE ENTERED INTO SYSTEM: 1988-10-11

CASE WAS REVIEWED: 2000-07-31

CASE WAS CLOSED: NOT REPORTED

ENFORCEMENT TYPE: NOT REPORTED

ENFORCEMENT BEGAN: 1965-01-01

FUNDING TYPE: NOT REPORTED

REGIONAL BOARD RESPONSIBLE FOR CASE: NOT REPORTED

PROGRAM FOR THE CASE: LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM

INTERIM FOR THE CASE: NOT REPORTED

CURRENT STATUS: 8 - VERIFICATION MONITORING UNDERWAY

LEAD AGENCY: REGIONAL BOARD LEAD LOCAL AGENCY: YOLO ENVIRONMENTAL HEALTH

MTBE CLASSIFICATION: NOT REPORTED

MAXIMUM MTBE CONCENTRATION WAS FOUND: NOT REPORTED

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: NOT REPORTED

MAXIMUM SOIL CONCENTRATION OF MTBE: NOT REPORTED

NUMBER OF MTBE ANALYTICAL RESULTS: 0 MTBE TESTED: NOT TESTED

NUMBER OF GASOLINE ANALYTICAL RESULTS: 1

CASE SUMMARY: NOT REPORTED

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: NOT REPORTED

DATE LEAK WAS DISCOVERED: NOT REPORTED

HOW THE CASE/LEAK WAS STOPPED: NOT REPORTED

LEAK WAS STOPPED: NOT REPORTED

CAUSE OF LEAK: NOT REPORTED

SOURCE OF LEAK: NOT REPORTED

LEAK CONFIRMATION: NOT REPORTED

SUBSTANCE/S RELEASED: GASOLINE - AUTOMOTIVE

QUANTITY OF SUBSTANCE RELEASED: NOT REPORTED

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: NOT REPORTED

PRELIMINARY SITE ASSESSEMENT UNDERWAY: NOT REPORTED

REMEDIAL ACTION UNDERWAY: 1992-12-22

POLLUTION CHARACTERIZATION: NOT REPORTED

REMEDICATION PLAN: NOT REPORTED

VERIFICATION MONITORING UNDERWAY: 1998-12-04

CLEANUP FUND ID: NOT REPORTED

PRIORITY: NOT REPORTED

ABATEMENT METHOD: NOT REPORTED

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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Referred to Another Local or State Agency (REF)

MAP ID# 18

Distance from Property: 0.367 mi. (1,938 ft.) N
Elevation: 47 ft. (Lower than TP)

ID#: 000057550001

NAME: GAS'N'SAVE

ADDRESS: 504 L STREET
DAVIS, CA 95616

COUNTY: YOLO

DTSC BRANCH: CENTRAL CALIFORNIA

REGIONAL WATER QUALITY BOARD: NOT REPORTED

LEAD AGENCY: DEPT OF TOXIC SUBSTANCES CONTROL

STATUS: 07011996 - PROPERTY/SITE REFERRED TO RWQCB

SITE TYPE: RESPONSIBLE PARTY

STANDARD INDUSTRIAL CLASSIFICATION: RETAIL - AUTO DEALERS & SERVICE STATIONS

NPL: N

STAFF: SROSS

SITE ACCESS: UNCONTROLLED

CORTESE LISTING: NOT REPORTED

HAZARD RANKING SCORE: NOT REPORTED

HAZARD RANKING DATE: NOT REPORTED

GROUNDWATER CONTAMINATION: CONTAMINATION IS CONFIRMED

CAUSE OF RELEASE OR POTENTIAL FOR RELEASE OF A HAZARDOUS SUBSTANCE:

THE GAS-N-SAVE GASOLINE STATION SITE HAD MAJOR LEAKS IN THE DISTRIBUTION SYSTEM TO THE UNDERGROUND STORAGE TANKS WHICH RELEASED 16,000 TO 35,000 GALLONS OF GASOLINE. THE UNDERLYING SOIL AND GROUNDWATER WAS EXTENSIVELY CONTAMINATED WITH GASOLINE AND ITS BENZENE, TOLUENE, ETHYL BENZENE AND XYLENE ADDITIVES. THE SITE IS CURRENTLY NOT IN OPERATION. THE DAVIS AREA IS DEPENDENT UPON GROUNDWATER FOR DOMESTIC AND MUNICIPAL USE. THE MAJOR CONCERN IS THAT THE LOCAL MUNICIPAL WELLS WOULD BE IMPACTED BY THE CONTAMINATION. A MUNICIPAL WELL (CW 14) IS LOCATED ON THE PROPERTY NORTH OF THE GAS STATION. RESEALING OF CW 14 WAS UNDERTAKEN TO REMOVE CW 14'S EXTENSIVE GRAVEL PACK. THE RESEALING HAS SINCE ELIMINATED A POTENTIAL SOURCE OF CROSS CONTAMINATION. NO PRIVATE DOMESTIC WELLS ARE LOCATED IN THE CONTAMINATED GROUNDWATER PLUME AREA. EXPOSURE THROUGH AIR AND DIRECT CONTACT BY THE GENERAL PUBLIC IS MITIGATED BY THE CURRENT SITE USE. THE COURT ORDER THAT IDENTIFIED ARMOUR OIL AS A RP WAS FILED ON SEPTEMBER 1985. AN INTERIM GROUNDWATER EXTRACTION SYSTEM WAS IMPLEMENTED IN AUGUST 1986 TO PROVIDE HYDRAULIC CONTROL OF THE IMPACTED GROUNDWATER. IN JUNE 1990, A CONTINGENCY PLAN TO THE GROUNDWATER EXTRACTION SYSTEM WAS ADOPTED AS THE REMEDIAL ACTION PLAN (RAP) FOR GROUNDWATER. THE CONTINGENCY PLAN WAS TRIGGERED IN AUGUST 1990 WHEN HYDRAULIC CONTROL WAS NOT MAINTAINED OVER THE CONTAMINATED GROUNDWATER PLUME. THE CONTINGENCY PLAN WHICH CALLED FOR THE INSTALLATION OF A DEEPER EXTRACTION WELL, WAS IMPLEMENTED IN OCTOBER 1990. BECAUSE OF THE LOWERING WATER TABLE, THIS EXTRACTION WELL HAD FAILED TO PROVIDE AN ADEQUATE CAPTURE ZONE. ADDITIONAL GROUNDWATER MONITORING WELLS WERE INSTALLED TO DEFINE THE EXTENT OF CONTAMINATION AND TO VERIFY THE CALCULATED CAPTURE ZONE. ALL GROUNDWATER MONITORING WELLS NOT PROVIDING BENEFICIAL DATA FOR EVALUATING THE EFFECTIVENESS OF THE GROUNDWATER REMEDIATION HAVE BEEN PROPERLY DECOMMISSIONED. A VAPOR EXTRACTION SYSTEM WAS APPROVED AS THE PREFERRED ALTERNATIVE IN THE RAP FOR SOIL CONTAMINATION IN AUGUST 1988. THE RAP WAS TO BE IMPLEMENTED IN PHASES. PHASE I, BEGAN EXTRACTING VAPORS IN JULY 1989. PHASE II BEGAN EXTRACTING VAPORS IN JANUARY 1995.

COMMENTS BY DTSC STAFF:

01071993

Referred to Another Local or State Agency (REF)

DISTRICT ATTORNEY REFERRAL LETTER ISSUED TO THE YOLO COUNTY DISTRICT ATTORNEY WHICH INFORMS THE DA OF WORK PERFORMED AND WORK YET TO BE PERFORMED AT THE SITE -- RPS ARE NOT COMPLYING WITH THE COURT ORDER.

02101987

SITE SCREENING DONE.

05051994

DESIGN -- THE DEPARTMENT APPROVED THE SOIL REMEDIATION DESIGN WORKPLAN (PHASE II DESIGN) DATED 2/94 SUBMITTED BY ARMOUR OIL FOR THE SUBJECT SITE. DEPARTMENT APPROVAL WAS ISSUED 5/5/94. THE OBJECTIVE OF THE PHASE II DESIGN IS TO REMEDIATE REMAINING "HOT SPOTS" WHERE TOTAL PETROLEUM HYDRO- CARBONS AS GASOLINE REMAIN ABOVE THE ESTABLISHED CLEANUP LEVEL OF 10 PPM. THE APPROVED DESIGN CONSISTS OF INSTALLING AND OPERATING A TOTAL OF 9 VAPOR-EXTRACTION WELLS ON SITE AND ON ADJACENT PG&E PROPERTY. PHASE II DESIGN IMPLEMENTATION WILL COMMENCE IMMEDIATELY AFTER ACQUIRING ACCESS APPROVAL FROM ADJACENT SITES.

05281998

A NO FURTHER COST RECOVERY ACTION HAS BEEN COMPLETED.

07251991

SITE WAS A GAS STATION. CONTAMINANTS INCLUDE BENZENE, TOLUENE, ETHYL BENZENE, AND XYLENE (BTEX).

07311989

PHASE I VAPOR EXTRACTION SYSTEM.

08311986

INTERIM GROUNDWATER EXTRACTION SYSTEM TO PROVIDE HYDRAULIC CONTROL OF THE IMPACTED GROUNDWATER.

08311988

RAP - A VAPOR EXTRACTION SYSTEM WAS APPROVED AS THE PREFERRED ALTERNATIVE IN THE RAP FOR SOIL CONTAMINATION.

PROJECTED ACTIVITIES TO BE COMPLETED AT SITE:

COMPLETION DATE: **09/30/1985**

ACTIVITY: **ORDER**

NAME: **I/SE, IORSE, FFA, FFSRA, VCA, EA**

COMPLETION DATE: **08/31/1986**

ACTIVITY: **RA**

NAME: **REMOVAL ACTION**

COMPLETION DATE: **02/10/1987**

ACTIVITY: **SS**

NAME: **SITE SCREENING**

COMPLETION DATE: **08/31/1988**

ACTIVITY: **PPP**

NAME: **PUBLIC PARTICIPATION PLAN**

COMPLETION DATE: **08/31/1988**

ACTIVITY: **RAP**

NAME: **REMEDIAL ACTION PLAN / RECORD OF DECISION**

COMPLETION DATE: **01/31/1989**

ACTIVITY: **RIFS**

NAME: **REMEDIAL INVESTIGATION / FEASIBILITY STUDY**

COMPLETION DATE: **07/31/1989**

ACTIVITY: **RA**

NAME: **REMOVAL ACTION**

COMPLETION DATE: **06/30/1990**

Referred to Another Local or State Agency (REF)

ACTIVITY: **RAP**

NAME: **REMEDIAL ACTION PLAN / RECORD OF DECISION**

COMPLETION DATE: **01/07/1993**

ACTIVITY: **ENFFU**

NAME: **ENFORCEMENT FOLLOW UP, AG OR DA REFERRAL, ETC.**

COMPLETION DATE: **05/05/1994**

ACTIVITY: **DES**

NAME: **DESIGN**

COMPLETION DATE: **04/27/1995**

ACTIVITY: **RMDL**

NAME: **REMEDIAL ACTION (RAP REQUIRED)**

COMPLETION DATE: **02/28/1997**

ACTIVITY: **COST**

NAME: **COST RECOVERY**

COMPLETION DATE: **05/28/1998**

ACTIVITY: **COST**

NAME: **COST RECOVERY**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 18

Distance from Property: 0.368 mi. (1,943 ft.) N
Elevation: 47 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300001
BUSINESS NAME: GAS N SAVE (ARMOUR OIL)
ADDRESS: 504 L ST & 5TH ST
DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570001
STATUS: COMPLETED - CASE CLOSED 12/14/2011
POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)

SITE HISTORY:

THE CASE WAS OPENED FOLLOWING AN UNAUTHORIZED RELEASE FROM AN UNDERGROUND STORAGE TANK SYSTEM AT THE SUBJECT SITE. CORRECTIVE ACTION IS UNDERWAY AS DIRECTED BY THE CVRWQCB. CORRECTIVE ACTION MAY CONSIST OF PRELIMINARY SITE INVESTIGATION, PLANNING AND IMPLEMENTATION OF REMEDIAL ACTION, VERIFICATION MONITORING, OR A COMBINATION THEREOF. A SUMMARY OF THE SITE HISTORY IS AVAILABLE BY CLICKING ON EITHER THE "CLEANUP STATUS HISTORY", "REGULATORY ACTIVITIES" OR THE "SITE MAPS/DOCUMENTS" TAB. FOR A COMPLETE SITE HISTORY THE CASE FILE AT THE CVRWQCB SHOULD BE CONS

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
REMEDIATION	01/01/50	PUMP & TREAT (P&T) GROUNDWATER
REMEDIATION	01/01/50	SOIL VAPOR EXTRACTION (SVE)
ENFORCEMENT	12/17/2015	EMAIL CORRESPONDENCE
ENFORCEMENT	08/31/2015	STAFF LETTER
ENFORCEMENT	08/04/2015	EMAIL CORRESPONDENCE
ENFORCEMENT	06/16/2015	STAFF LETTER
RESPONSE	06/04/2013	VERBAL COMMUNICATION
RESPONSE	12/30/2011	WELL DESTRUCTION REPORT
ENFORCEMENT	12/14/2011	CLOSURE/NO FURTHER ACTION LETTER
RESPONSE	07/20/2011	VERBAL COMMUNICATION
RESPONSE	07/18/2011	VERBAL COMMUNICATION
ENFORCEMENT	05/31/2011	STAFF LETTER
RESPONSE	05/27/2011	WELL DESTRUCTION WORKPLAN
ENFORCEMENT	05/03/2011	STAFF LETTER
RESPONSE	04/25/2011	VERBAL COMMUNICATION
RESPONSE	01/27/2011	REQUEST FOR CLOSURE
RESPONSE	01/27/2011	VERBAL COMMUNICATION
RESPONSE	12/01/2010	CORRESPONDENCE
RESPONSE	10/13/2010	VERBAL COMMUNICATION
ENFORCEMENT	10/11/2010	NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	10/11/2010	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	09/30/2010	CORRESPONDENCE
ENFORCEMENT	09/28/2010	STAFF LETTER
RESPONSE	09/27/2010	CORRESPONDENCE
RESPONSE	09/24/2010	CORRESPONDENCE
RESPONSE	09/07/2010	CORRESPONDENCE
RESPONSE	09/03/2010	OTHER REPORT / DOCUMENT
RESPONSE	09/02/2010	VERBAL COMMUNICATION
RESPONSE	08/17/2010	VERBAL COMMUNICATION
RESPONSE	08/04/2010	VERBAL COMMUNICATION
ENFORCEMENT	05/17/2010	STAFF LETTER
RESPONSE	05/14/2010	OTHER WORKPLAN
RESPONSE	05/03/2010	VERBAL COMMUNICATION
ENFORCEMENT	03/17/2010	STAFF LETTER
RESPONSE	03/16/2010	VERBAL COMMUNICATION
RESPONSE	03/08/2010	VERBAL COMMUNICATION
RESPONSE	01/28/2010	VERBAL COMMUNICATION
ENFORCEMENT	08/25/2009	STAFF LETTER
ENFORCEMENT	07/28/2009	STAFF LETTER
RESPONSE	07/17/2009	VERBAL COMMUNICATION
ENFORCEMENT	07/14/2009	MEETING
RESPONSE	07/10/2009	CORRESPONDENCE
RESPONSE	07/09/2009	VERBAL COMMUNICATION
RESPONSE	07/01/2009	CORRESPONDENCE
RESPONSE	04/21/2009	CORRESPONDENCE
RESPONSE	04/21/2009	VERBAL COMMUNICATION
RESPONSE	03/26/2009	CORRESPONDENCE
RESPONSE	03/20/2009	VERBAL COMMUNICATION
RESPONSE	02/04/2009	CORRESPONDENCE
RESPONSE	12/11/2008	VERBAL COMMUNICATION
RESPONSE	11/07/2008	MONITORING REPORT - OTHER
ENFORCEMENT	09/15/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	08/22/2008	STAFF LETTER
RESPONSE	08/22/2008	OTHER WORKPLAN
RESPONSE	08/15/2008	OTHER WORKPLAN
ENFORCEMENT	08/12/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	07/22/2008	VERBAL COMMUNICATION
ENFORCEMENT	06/04/2008	VERBAL COMMUNICATION
ENFORCEMENT	05/08/2008	VERBAL COMMUNICATION
ENFORCEMENT	04/23/2008	VERBAL COMMUNICATION
ENFORCEMENT	04/08/2008	VERBAL COMMUNICATION
ENFORCEMENT	11/15/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	01/31/2007	VERBAL COMMUNICATION
ENFORCEMENT	08/22/2003	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

GeoTracker Cleanup Sites (CLEANUPSITES)

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	06/17/1999	VERBAL COMMUNICATION
RESPONSE	02/26/1999	VERBAL COMMUNICATION
RESPONSE	01/31/1999	UNKNOWN
ENFORCEMENT	09/11/1998	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
REMEDIATION	01/02/1995	SOIL VAPOR EXTRACTION (SVE)
ENFORCEMENT	06/06/1990	13267 MONITORING PROGRAM
ENFORCEMENT	09/08/1987	13267 MONITORING PROGRAM
REMEDIATION	02/27/1987	PUMP & TREAT (P&T) GROUNDWATER
REMEDIATION	02/15/1987	PUMP & TREAT (P&T) GROUNDWATER
OTHER	08/07/1984	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	12/14/2011
OPEN - VERIFICATION MONITORING	12/04/1998
OPEN - REMEDIATION	12/22/1992
OPEN - CASE BEGIN DATE	08/07/1984

CONTACT DETAILS

ORGANIZATION: YOLO COUNTY
ADDRESS: 137 NORTH COTTONWOOD STREET, SUITE 2400
CITY: WOODLAND
CONTACT NAME: ALEEM SHAFI
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: NOT REPORTED

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: DAVID STAVAREK
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: DSTAVAREK@WATERBOARDS.CA.GOV

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CALSITES Database (CALSITES)

MAP ID# 19

Distance from Property: 0.413 mi. (2,181 ft.) S
Elevation: 53 ft. (Higher than TP)

FACILITY INFORMATION

ID #: 57370008

NAME: MOLLER CORPORATION

ADDRESS: 1222 RESEARCH PARK DRIVE
DAVIS, CA

STATUS (DATE): **PROPERTY/SITE REFERRED TO RWQCB (08251994)**

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - TRANSPORTATION EQUIPMENT

ACCESS TO SITE: **NOT REPORTED**

GROUNDWATER CONTAMINATION: **NOT REPORTED**

COMMENTS

SITE SCREENING DONE ONSITE SOIL AND GROUNDWATER CONTAMINATION WITH TCA. RWQCB IS OVERSEEING INVESTIGATION AND CLEANUP, THEREFORE DHS PENDING STATUS. PER WENDY COHEN'S STUDENT ASSISTANT AT THE REGION WATER QUALITY CONTROL BOARD: - PHASE I SURVEY WAS DUE JUNE 1991 - RWQCB SAMPLED NOVEMBER 1991, FOUND TRACES OF TCE 3.8 MG/L; DCE1 MG/L) - MOLLER SAMPLED DECEMBER 1991, NONDETECTS. - AGREEMENT BETWEEN DEPARTMENT OF TOXICS AND RWQCB TERMINATED DECEMBER 1991; NO WORK DONE ON SITE SINCE THEN; FILE AT RWQCB. WENDY COHEN: #255-3075 CURRENT STATUS BY THE DEPARTMENT NEEDS TO BE DETERMINED.

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Referred to Another Local or State Agency (REF)

MAP ID# 19

Distance from Property: 0.413 mi. (2,181 ft.) S
Elevation: 53 ft. (Higher than TP)

ID#: 000057370008

NAME: MOLLER CORPORATION

ADDRESS: 1222 RESEARCH PARK DRIVE
DAVIS, CA 95616

COUNTY: YOLO

DTSC BRANCH: CENTRAL CALIFORNIA

REGIONAL WATER QUALITY BOARD: CENTRAL VALLEY

LEAD AGENCY: N/A

STATUS: 08251994 - PROPERTY/SITE REFERRED TO RWQCB

SITE TYPE: N/A

STANDARD INDUSTRIAL CLASSIFICATION: MANU - TRANSPORTATION EQUIPMENT

NPL: NOT REPORTED

STAFF: NOT REPORTED

SITE ACCESS: UNCONTROLLED

CORTESE LISTING: NOT REPORTED

HAZARD RANKING SCORE: NOT REPORTED

HAZARD RANKING DATE: NOT REPORTED

GROUNDWATER CONTAMINATION: UNKNOWN

CAUSE OF RELEASE OR POTENTIAL FOR RELEASE OF A HAZARDOUS SUBSTANCE:

NOT REPORTED

COMMENTS BY DTSC STAFF:

08251994

PER THE REGION WATER QUALITY CONTROL BOARD: - PHASE I SURVEY WAS DUE JUNE 1991 - RWQCB SAMPLED NOVEMBER 1991, FOUND TRACES OF TCE 3.8 MILLIGRAMS PER LITER (MG/L); DICHLOROETHYLENE (DCE) 1 MG/L - MOLLER SAMPLED DECEMBER 1991, NONDETECTS. - AGREEMENT BETWEEN DEPARTMENT OF TOXICS AND RWQCB TERMINATED DECEMBER 1991; NO WORK DONE ON SITE SINCE THEN; FILE AT RWQCB. CURRENT STATUS BY THE DEPARTMENT NEEDS TO BE DETERMINED.

11201989

SITE SCREENING DONE. ONSITE SOIL AND GROUNDWATER CONTAMINATION WITH TRICHLOROETHANE (TCA). RWQCB IS OVERSEEING INVESTIGATION AND CLEANUP, THEREFORE DEPARTMENT OF HEALTH SERVICES (DHS) PENDING STATUS.

PROJECTED ACTIVITIES TO BE COMPLETED AT SITE:

COMPLETION DATE: 11/20/1989

ACTIVITY: SS

NAME: SITE SCREENING

[Back to Report Summary](#)

Superfund Enterprise Management System Archived Site Inventory (SEMSARCH)

MAP ID# 19

Distance from Property: 0.413 mi. (2,181 ft.) S
Elevation: 53 ft. (Higher than TP)

FACILITY INFORMATION

EPA ID#: **CAN000908627**

SITE ID#: **0908627**

NAME: **MOLLER CORPORATION**

ADDRESS: **1222 RESEARCH PARK DRIVE**

DAVIS, CA 95616

COUNTY: **YOLO**

FEDERAL FACILITY: **NOT A FEDERAL FACILITY**

NPL: **NOT ON THE NPL**

NON NPL STATUS: **NFRAP-SITE DOES NOT QUALIFY FOR THE NPL BASED ON EXISTING INFORMATION**

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EnviroStor Cleanup Sites (ENVIROSTOR)

MAP ID# 19

Distance from Property: 0.413 mi. (2,181 ft.) S
Elevation: 53 ft. (Higher than TP)

SITE INFORMATION

ID #: **57370008** ASSESSOR'S PARCEL #: **069 060 15**

NAME: **MOLLER CORPORATION**

ADDRESS: **1222 RESEARCH PARK DRIVE
DAVIS, CA 95618**

COUNTY: **YOLO**

SITE SIZE (ACRES): **1**

LEAD AGENCY: **SMBRP**

DTSC PROJECT MANAGER: **RICHARD (DICK) JONES**

DTSC SUPERVISOR: **STEVEN BECKER**

DTSC DIVISION BRANCH: **CLEANUP SAN JOAQUIN**

NPL LISTED: **NO** RESTRICTED LAND USE: **YES**

SITE TYPE: **VOLUNTARY CLEANUP**

SITE TYPE DESCRIPTION

VOLUNTARY CLEANUP: IDENTIFIES SITES WITH EITHER CONFIRMED OR UNCONFIRMED RELEASES, AND THE PROJECT PROPONENTS HAVE REQUESTED THAT DTSC OVERSEE EVALUATION, INVESTIGATION, AND/OR CLEANUP ACTIVITIES AND HAVE AGREED TO PROVIDE COVERAGE FOR DTSC'S COSTS.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 6/9/2015)

CERTIFIED O&M - LAND USE RESTRICTIONS ONLY -

PAST USE/S THAT CAUSED THE CONTAMINATION

MANUFACTURING - METAL

CONFIRMED CONTAMINANTS OF CONCERN

NONESPECIFIED - NONE SPECIFIED

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Cortese List (CORTESE)

[MAP ID# 20](#)

Distance from Property: 0.442 mi. (2,334 ft.) SW
Elevation: 55 ft. (Higher than TP)

FACILITY INFORMATION

ID#: 570219

NAME: MADDING A/C & HEATING CO

ADDRESS: 17 ARBORETUM

DAVIS, CA 95616

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Leaking Underground Storage Tanks (LUST)

MAP ID# 20

Distance from Property: 0.442 mi. (2,334 ft.) SW
Elevation: 55 ft. (Higher than TP)

SITE INFORMATION

ID#: T0611300169 REGIONAL CASE #: 570219

LOCAL CASE #: NOT REPORTED

SITE NAME: MADDING A/C & HEATING CO

RESPONSIBLE PARTY: MADDING A/C & HEATING CO

ADDRESS: 17 ARBORETUM DR

ADDRESS: RT 2 BOX 2975, DAVIS, CA 95616

DAVIS, CA 95616

CROSS STREET: NOT REPORTED

COUNTY: YOLO

FACILITY OPERATOR: NOT REPORTED

CASE INFORMATION

CASE TYPE: SOIL IMPACTED

CASE WAS REPORTED: 1992-10-22

CASE ENTERED INTO SYSTEM: 1992-11-05

CASE WAS REVIEWED: 1996-03-21

CASE WAS CLOSED: 1996-03-19

ENFORCEMENT TYPE: NO ENFORCEMENT ACTION TAKEN

ENFORCEMENT BEGAN: 1965-01-01

FUNDING TYPE: NOT REPORTED

REGIONAL BOARD RESPONSIBLE FOR CASE: NOT REPORTED

PROGRAM FOR THE CASE: LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM

INTERIM FOR THE CASE: NOT REPORTED

CURRENT STATUS: 9 - CASE CLOSED

LEAD AGENCY: LOCAL AGENCY LEAD

LOCAL AGENCY: YOLO ENVIRONMENTAL HEALTH

MTBE CLASSIFICATION: NOT REPORTED

MAXIMUM MTBE CONCENTRATION WAS FOUND: NOT REPORTED

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: NOT REPORTED

MAXIMUM SOIL CONCENTRATION OF MTBE: NOT REPORTED

NUMBER OF MTBE ANALYTICAL RESULTS: 0

MTBE TESTED: NOT TESTED

NUMBER OF GASOLINE ANALYTICAL RESULTS: 1

CASE SUMMARY: CLOSED PER RB CONCURRENCE LETTER DATED 03/19/96.

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: NOT REPORTED

DATE LEAK WAS DISCOVERED: NOT REPORTED

HOW THE CASE/LEAK WAS STOPPED: NOT REPORTED

LEAK WAS STOPPED: NOT REPORTED

CAUSE OF LEAK: NOT REPORTED

SOURCE OF LEAK: NOT REPORTED

LEAK CONFIRMATION: 1992-09-30

SUBSTANCE/S RELEASED: GASOLINE - AUTOMOTIVE

QUANTITY OF SUBSTANCE RELEASED: NOT REPORTED

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: NOT REPORTED

PRELIMINARY SITE ASSESSEMENT UNDERWAY: NOT REPORTED

REMEDIAL ACTION UNDERWAY: NOT REPORTED

POLUTION CHARACTERIZATION: NOT REPORTED

REMEDATION PLAN: NOT REPORTED

VERIFICATION MONITORING UNDERWAY: NOT REPORTED

CLEANUP FUND ID: NOT REPORTED

PRIORITY: NOT REPORTED

ABATEMENT METHOD: NOT REPORTED

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 20

Distance from Property: 0.442 mi. (2,334 ft.) SW
Elevation: 55 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300169

BUSINESS NAME: MADDING A/C & HEATING CO

ADDRESS: 17 ARBORETUM DR

DAVIS, CA 95616

COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE

CASE NUMBER: 570219

STATUS: COMPLETED - CASE CLOSED 03/19/1996

POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
OTHER	10/22/1992	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	03/19/1996
OPEN - CASE BEGIN DATE	09/30/1992
OPEN - SITE ASSESSMENT	09/30/1992

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)

ADDRESS: 11020 SUN CENTER DRIVE #200

CITY: RANCHO CORDOVA

CONTACT NAME: DAVID STAVAREK

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: DSTAVAREK@WATERBOARDS.CA.GOV

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Cortese List (CORTESE)

[MAP ID# 21](#)

Distance from Property: 0.462 mi. (2,439 ft.) NE

Elevation: 44 ft. (Lower than TP)

FACILITY INFORMATION

ID#: 570121

NAME: DAVIS CITY CORP YARD

ADDRESS: 1717 5TH

DAVIS, CA 95616

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Leaking Underground Storage Tanks (LUST)

MAP ID# 21

Distance from Property: 0.462 mi. (2,439 ft.) NE
Elevation: 44 ft. (Lower than TP)

SITE INFORMATION

ID#: T0611300089 REGIONAL CASE #: 570121

LOCAL CASE #: NOT REPORTED

SITE NAME: DAVIS CITY CORP YARD

RESPONSIBLE PARTY: DAVIS CITY

ADDRESS: 1717 5TH ST

ADDRESS: 23 RUSSELL BLVD, DAVIS, CA 95616

DAVIS, CA 95616

CROSS STREET: NOT REPORTED

COUNTY: YOLO

FACILITY OPERATOR: NOT REPORTED

CASE INFORMATION

CASE TYPE: SOIL IMPACTED

CASE WAS REPORTED: 1990-07-16

CASE ENTERED INTO SYSTEM: 1990-08-24

CASE WAS REVIEWED: 1996-03-21

CASE WAS CLOSED: 1996-03-19

ENFORCEMENT TYPE: NO ENFORCEMENT ACTION TAKEN

ENFORCEMENT BEGAN: 1965-01-01

FUNDING TYPE: NOT REPORTED

REGIONAL BOARD RESPONSIBLE FOR CASE: NOT REPORTED

PROGRAM FOR THE CASE: LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM

INTERIM FOR THE CASE: NOT REPORTED

CURRENT STATUS: 9 - CASE CLOSED

LEAD AGENCY: LOCAL AGENCY LEAD

LOCAL AGENCY: YOLO ENVIRONMENTAL HEALTH

MTBE CLASSIFICATION: NOT REPORTED

MAXIMUM MTBE CONCENTRATION WAS FOUND: NOT REPORTED

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: NOT REPORTED

MAXIMUM SOIL CONCENTRATION OF MTBE: NOT REPORTED

NUMBER OF MTBE ANALYTICAL RESULTS: 0

MTBE TESTED: NOT REQUIRED

NUMBER OF GASOLINE ANALYTICAL RESULTS: 0

CASE SUMMARY: CLOSED PER RB CONCURRENCE LETTER DATED 03/19/96.

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: NOT REPORTED

DATE LEAK WAS DISCOVERED: NOT REPORTED

HOW THE CASE/LEAK WAS STOPPED: NOT REPORTED

LEAK WAS STOPPED: NOT REPORTED

CAUSE OF LEAK: NOT REPORTED

SOURCE OF LEAK: NOT REPORTED

LEAK CONFIRMATION: NOT REPORTED

SUBSTANCE/S RELEASED: WASTE OIL/USED OIL

QUANTITY OF SUBSTANCE RELEASED: NOT REPORTED

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: 1990-05-01

PRELIMINARY SITE ASSESSEMENT UNDERWAY: NOT REPORTED

REMEDIAL ACTION UNDERWAY: NOT REPORTED

POLUTION CHARACTERIZATION: NOT REPORTED

REMEDATION PLAN: NOT REPORTED

VERIFICATION MONITORING UNDERWAY: NOT REPORTED

CLEANUP FUND ID: NOT REPORTED

PRIORITY: NOT REPORTED

ABATEMENT METHOD: NOT REPORTED

Leaking Underground Storage Tanks (LUST)

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID #: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SACRAMENTO VALLEY (5)**

BENEFICIAL USE: **NOT REPORTED**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 21

Distance from Property: 0.462 mi. (2,439 ft.) NE
Elevation: 44 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: T0611300089
BUSINESS NAME: DAVIS CITY CORP YARD
ADDRESS: 1717 5TH ST
 DAVIS, CA 95616
COUNTY: YOLO

FACILITY DETAILS

CASE TYPE: LUST CLEANUP SITE
CASE NUMBER: 570121
STATUS: COMPLETED - CASE CLOSED 03/19/1996
POTENTIAL CONTAMINATION:
WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK REPORTED
OTHER	07/16/1990	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	03/19/1996
OPEN - CASE BEGIN DATE	05/01/1990
OPEN - SITE ASSESSMENT	05/01/1990

CONTACT DETAILS

ORGANIZATION: CENTRAL VALLEY RWQCB (REGION 5S)
ADDRESS: 11020 SUN CENTER DRIVE #200
CITY: RANCHO CORDOVA
CONTACT NAME: DAVID STAVAREK
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: DSTAVAREK@WATERBOARDS.CA.GOV

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Unlocated Sites Summary

This list contains sites that could not be mapped due to limited or incomplete address information.

No Records Found

Environmental Records Definitions - FEDERAL

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BRS Biennial Reporting System

VERSION DATE: 12/31/11

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 07/01/16

The U.S. Department of Justice ("the Department") provides this information 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. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DOCKETS EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

EC Federal Engineering Institutional Control Sites

VERSION DATE: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

Environmental Records Definitions - FEDERAL

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

ERNSCA Emergency Response Notification System

VERSION DATE: 02/21/16

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSCA Facility Registry System

VERSION DATE: 02/03/16

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

HMIRSR09 Hazardous Materials Incident Reporting System

VERSION DATE: 11/08/15

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 12/06/15

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

Environmental Records Definitions - FEDERAL

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System
VERSION DATE: 12/20/15

In 2006, the Integrated Compliance Information System (ICIS) - National Pollutant Discharge Elimination System (NPDES) became the NPDES national system of record for select states, tribes and territories. ICIS-NPDES is an information management system maintained by the United States Environmental Protection Agency's Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels.

LUCIS Land Use Control Information System
VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System
VERSION DATE: 02/12/16

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements.

NPDES09 National Pollutant Discharge Elimination System
VERSION DATE: 04/01/07

Information in this database is extracted from the Water Permit Compliance System (PCS) database which is used by United States Environmental Protection Agency to track surface water permits issued under the Clean Water Act. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data.

PADS PCB Activity Database System
VERSION DATE: 07/01/14

The PCB Activity Database System (PADS) is used by the United States Environmental Protection Agency to monitor the activities of polychlorinated biphenyls (PCB) handlers.

PCSR09 Permit Compliance System
VERSION DATE: 08/01/12

Environmental Records Definitions - FEDERAL

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

RCRASC RCRA Sites with Controls

VERSION DATE: 02/23/16

This list of Resource Conservation and Recovery Act sites with institutional controls in place is provided by the U.S. Environmental Protection Agency.

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency 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. This database contains those CERCLIS sites where the Lien on Property action is complete.

SSTS Section Seven Tracking System

VERSION DATE: 12/08/14

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/31/14

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

Environmental Records Definitions - FEDERAL

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/06

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

NLRRCRAG No Longer Regulated RCRA Generator Facilities

VERSION DATE: 07/12/16

This database includes RCRA Generator facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly generated hazardous waste.

Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

RCRAGR09 Resource Conservation & Recovery Act - Generator

VERSION DATE: 07/12/16

This database includes sites listed as generators of hazardous waste (large, small, and exempt) in the RCRAInfo

Environmental Records Definitions - FEDERAL

system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). This database includes sites located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

RCRANGR09

Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 07/12/16

This database identifies RCRAInfo system sites that only handle hazardous waste, such as transporters, without generating any amount hazardous waste. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). This database includes sites located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

HISTPST

Historical Gas Stations

VERSION DATE: NR

Environmental Records Definitions - FEDERAL

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

BF Brownfields Management System

VERSION DATE: 01/28/16

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. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

DNPL Delisted National Priorities List

VERSION DATE: 03/07/16

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 07/12/16

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

ODI Open Dump Inventory

VERSION DATE: 06/01/85

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

RCRAT Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 07/12/16

This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource

Environmental Records Definitions - FEDERAL

Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

SEMS Superfund Enterprise Management System

VERSION DATE: 03/07/16

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 03/16/16

The Superfund Enterprise Management System Archive listing (SEMS-ARCHIVE) has replaced the CERCLIS NFRAP reporting system in 2015. This listing reflect sites that have been assessed and no further remediation is planned and is of no further interest under the Superfund program.

DOD Department of Defense Sites

VERSION DATE: 06/21/10

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

FUDS Formerly Used Defense Sites

VERSION DATE: 06/01/15

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

Environmental Records Definitions - FEDERAL

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 07/12/16

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NPL National Priorities List

VERSION DATE: 03/07/16

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

PNPL Proposed National Priorities List

VERSION DATE: 03/07/16

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 07/12/16

This database includes all hazardous waste sites with ongoing corrective action activity and where corrective action is statutorily required to be address but have not had corrective action imposed in the RCRAInfo system. The Corrective Action Program requires owners or operators of RCRA facilities (or treatment, storage, and disposal facilities) to investigate and cleanup contamination in order to protect human health and the environment. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

RCRASUBC Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 07/12/16

This database includes hazardous waste sites which are potentially subject to corrective action regardless of whether they have correction action underway, plus any sites showing a corrective action event of RFI or beyond in the RCRAInfo system. Sites conducting corrective action under analogous state authorities are also included. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and

Environmental Records Definitions - FEDERAL

reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

RODS Record of Decision System

VERSION DATE: 07/01/13

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

Environmental Records Definitions - STATE (CA)

CDL Clandestine Drug Labs

VERSION DATE: 09/30/15

The California Department of Toxic Substance Control (DTSC) provides this listing of illegal drug laboratories. Pursuant to Section 25354.5 of the California Health and Safety Code, DTSC conducts emergency removal actions at clandestine drug labs at the request of State and local law enforcement agencies. DTSC's contractors typically remove hazardous substances that may pose an immediate threat to public health and the environment while the enforcement officials are on scene. During the emergency removal actions, contractors remove and properly dispose of contaminated lab equipment, chemicals used to make the illegal drugs (usually methamphetamine), lab chemical wastes, and other grossly contaminated materials. DTSC does not perform additional assessment work beyond standard emergency removal actions and makes no further determination regarding the need for future cleanup work at the emergency removal location. The reported location information may or may not include the actual location of the illegal drug lab. The DTSC does not guarantee the accuracy of the address or location information or the condition of the location listed.

CHMIRS California Hazardous Material Incident Report System

VERSION DATE: 06/03/16

The California Hazardous Material Incident Report System database is provided by the California Emergency Management Agency. This database contains accidental or spill release information from reported hazardous material incidents since 1993.

DTSCDR DTSC Deed Restrictions

VERSION DATE: 05/05/16

The California Department of Toxic Substances Control (DTSC) maintains this listing of sites with deed restrictions. According to the DTSC, restricted land use indicates whether the site or area within the site has an environmental restriction recorded and/or other institutional control preventing certain types of land use or activities. The land use restrictions listed under the site management requirements are only an abbreviated summary of the land use restrictions, and may not encompass all restrictions and notification requirements placed on a property. For complete land use restriction information please contact the DTSC to review associated Land Use Restriction documents.

EMI Emissions Inventory Data

VERSION DATE: 12/31/14

The Air Resources Board's Emissions Inventory Database contains criteria pollutant data and toxic data on facilities throughout the state of California for the 2012-2000 inventory years.

HWTS Hazardous Waste Tanner Summary

VERSION DATE: 12/31/14

Environmental Records Definitions - STATE (CA)

This data is prepared from information extracted from copies of hazardous waste manifests received each year by the Department of Toxic Substances Control. The Hazardous Waste Summary Report (Tanner Report) currently includes manifest data from the 1993 through the 2013 reporting years.

LIENS Recorded Environmental Cleanup Liens

VERSION DATE: 10/06/15

The California Department of Toxic Substance Control (DTSC) maintains this listing of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

NPDES National Pollutant Discharge Elimination System Facilities

VERSION DATE: 03/31/16

This State Water Resources Control Board database contains NPDES permits, including stormwater general permit enrollees that are active, inactive and historical. NPDES permits are required from all facilities that discharge their wastewater from a point source into a waterbody.

ABST Above Ground Storage Tanks

VERSION DATE: 12/01/07

This database contains aboveground storage tank facilities registered with the California State Water Resources Control Board (SWRCB). Since 2006, tanks were required to contain a minimum (even as cumulative) of 1320 gallons to be in the program. As of January 1, 2008, the SWRCB no longer maintains a list of registered aboveground storage tanks, due to effective Assembly Bill No. 1130 (Laird) of the Aboveground Petroleum Storage Act (APSA). This Bill authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA.

CLEANER Dry Cleaner Facilities

VERSION DATE: 12/01/15

This database, created by accessing the California Department of Toxic Substances Control's (DTSC) Hazardous Waste Tracking System, includes dry cleaner facilities that have registered EPA identification numbers. These facilities are categorized with one of the following NAICS Codes: 81231 or 81232. This database may also include facilities other than dry cleaners who also register with these same NAICS Codes. Not all companies report their NAICS/SIC Codes to the DTSC and therefore this database may exclude registered dry cleaner facilities with incomplete classification information.

DTSCHWT DTSC Registered Hazardous Waste Transporters

VERSION DATE: 02/04/16

The Department of Toxic Substances Control provides this list of Registered Hazardous Waste Transporters.

Environmental Records Definitions - STATE (CA)

HISTUST Historical Underground Storage Tanks

VERSION DATE: 12/31/87

The Hazardous Substance Storage Container Database is a historical list of Underground Storage Tank sites, compiled from tank survey and registration information collected at one time between 1984 and 1987 by the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials.

MWMP California Medical Waste Management Program Facility List

VERSION DATE: 07/18/16

To protect the public and the environment from potential infectious exposure to disease causing agents, the Medical Waste Management Program (MWMP), in the Environmental Management Branch of the California Department of Public Health, regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations.

SCAST Sutter County Aboveground Storage Tanks

VERSION DATE: 02/19/16

The Sutter County's Environmental Health Division provides this listing of aboveground storage tanks.

SLIC Spills, Leaks, Investigation & Cleanup Recovery Listing

VERSION DATE: 06/16/08

These records are maintained by the California Regional Water Quality Control Board (RWQCB). This list includes contaminated sites that impact groundwater or have the potential to impact ground water. Please refer to CLEANUPSITES database as source of current data.

SWEEPS Statewide Environmental Evaluation and Planning System

VERSION DATE: 10/01/94

The Statewide Environmental Evaluation and Planning System (SWEEPS) contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials. Refer to CUPA listing for source of current data.

USTCUPA Underground Storage Tanks

VERSION DATE: 08/05/16

Environmental Records Definitions - STATE (CA)

An underground storage tank is an individual tank or group of tanks that store hazardous substances. Underground storage tanks are completely or considerably below the ground surface. This database contains UST permit data submitted from the Certified Unified Program Agencies (CUPA) directly to the State Water Resources Control Board. CUPA's are local agencies that have been certified by the California EPA to implement state environmental programs within the local agency's jurisdiction.

CALSITES CALSITES Database

VERSION DATE: 09/14/04

This historical database was maintained by the Department of Toxic Substance Control for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

CLEANUPSITES GeoTracker Cleanup Sites

VERSION DATE: 05/05/16

This GeoTracker Cleanup Sites database is maintained by the California Regional Water Quality Control Board (RWQCB). The database contains contaminated sites that impact groundwater or have the potential to impact ground water, including spills, investigations, cleanup recoveries and reported leaking underground storage tank incidents.

CORTESE Cortese List

VERSION DATE: 11/02/02

This historical listing includes hazardous waste and substances sites designated by the State Water Resources Control Board (LUST), the Integrated Waste Board (SWIS), and the Department of Toxic Substance Control (CALSITES). The Cortese List was utilized by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites.

ERAP Expedited Removal Action Program Sites

VERSION DATE: 03/21/16

The Expedited Remedial Action Program is a pilot project administered by the Department of Toxic Substances Control's Site Mitigation and Brownfields Reuse Program to promote the cleanup of up to 30 hazardous substance release sites. ERAP provides significant incentives for redevelopment of contaminated properties by promoting cleanups based on the planned land use, by providing a covenant not to sue, and by outlining a fair and equitable liability scheme.

LUST Leaking Underground Storage Tanks

VERSION DATE: 06/16/08

Environmental Records Definitions - STATE (CA)

This database is maintained by the State Water Resources Control Board. LUST records contain an inventory of reported leaking underground storage tank incidents. Please refer to the CLEANUPSITES database as source of current data.

NFA No Further Action Determination

VERSION DATE: 07/01/05

The NFA listing contains properties at which the Department of Toxic Substance Control has made a clear determination that the property does not pose a problem to the environment or to public health.

NFE Sites Needing Further Evaluation

VERSION DATE: 07/01/05

The NFE listing contains properties that the Department of Toxic Substance Control suspects with possible contamination. These are unconfirmed contaminated properties that need further assessment.

PROC Listing of Certified Processors

VERSION DATE: 02/05/16

Listing of Certified Processors that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

REF Referred to Another Local or State Agency

VERSION DATE: 07/01/05

The REF listing contains properties where contamination has not been confirmed and which were determined as not requiring direct Department of Toxic Substance Control Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

SCH School Property Evaluations

VERSION DATE: 07/01/05

The SCH listing contains proposed and existing school sites that are being evaluated by Department of Toxic Substance Control 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.

SWIS Solid Waste Information System Sites

VERSION DATE: 08/05/16

The Solid Waste Information System (SWIS) database includes information on solid waste facilities, operations,

Environmental Records Definitions - STATE (CA)

and disposal sites located in California. This database is maintained by the California Department of Resources Recycling and Recovery.

SWRCY Recycling Centers

VERSION DATE: 06/20/16

Listing of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

VCP Voluntary Cleanup Program

VERSION DATE: 09/14/04

The California Voluntary Cleanup program provides regulatory oversight by the Department of Toxic Substance Control (DTSC) to project proponents desiring to address mitigation activities at sites which have lower health and/or environmental risk than sites which are currently being addressed by DTSC. Refer to Envirostor database as source of current data.

WMUDS Waste Management Unit Database

VERSION DATE: 01/01/00

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

ENVIROSTOR EnviroStor Cleanup Sites

VERSION DATE: 05/05/16

The Department of Toxic Substances Control (DTSC) has developed the EnviroStor database system to evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database of cleanup sites contains the following: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. Sites where DTSC has made a "No Action Required" determination are not included in this database, as these sites had assessments that revealed no evidence of recognized environmental conditions in connection with the property.

ENVIROSTORPCA EnviroStor Permitted and Corrective Action Sites

VERSION DATE: 08/05/16

The Department of Toxic Substances Control (DTSC) has developed the EnviroStor database system to

Environmental Records Definitions - STATE (CA)

evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database contains detailed information on hazardous waste permitted and corrective action facilities. Investigation and cleanup activities at hazardous waste facilities (either Resource Conservation and Recovery Act (RCRA) or State-only) that either were eligible for a permit or received a permit are called "corrective action." These facilities treated stored, disposed and/or transferred hazardous waste.

TOXPITS Toxic Pits Cleanup Act Sites

VERSION DATE: 07/01/95

Toxic Pits are sites with possible contamination of hazardous substances where cleanup is necessary. This listing is no longer updated by the State Water Resources Control Board.

Environmental Records Definitions - LOCAL

SCUST Sutter County Underground Storage Tanks

VERSION DATE: 09/17/15

The Sutter County's Environmental Health Division provides this listing of underground storage tanks.

DNCCUPA Del Norte County CUPA

VERSION DATE: 03/01/16

The Del Norte County Environmental Health Division provides this listing of Certified Unified Program Agency (CUPA) sites.

ICCUPA Imperial County CUPA

VERSION DATE: 03/08/16

The Imperial County Public Health Department is the appointed Certified Unified Program Agency (CUPA). The CUPA inspects businesses or facilities that handle or store hazardous materials; generate hazardous waste; own or operate aboveground or underground storage tanks; and comply with the California Accidental Release Prevention (CalARP) Program.

MCCUPA Madera County CUPA

VERSION DATE: 02/26/16

The Certified Unified Program Agency (CUPA) works to ensure that all businesses in Madera County handle store and dispose of hazardous materials and hazardous wastes in compliance with applicable laws and regulations in order to protect the health and environment of the citizens of Madera County.

MERCEDCUPA Merced County CUPA

VERSION DATE: 11/12/15

Environmental Records Definitions - TRIBAL

USTR09 Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/11/16

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

LUSTR09 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/11/16

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

INDIANRES Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

Appendix F – Municipal Review



GeoPlus Oil & Gas Report

[Satellite view](#)

Target Property:

Lincoln40
1111 Olive Dr
Davis, Yolo County, California 95616

Prepared For:

ERC Diligence.com

Order #: 73449

Job #: 157754

Date: 08/11/2016

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Target Property Summary

Target Property Information

Lincoln40
1111 Olive Dr
Davis, California 95616

Coordinates

Point (-121.73563, 38.543583)

USGS Quadrangle

Davis, CA

Geographic Coverage Information

County/Parish: Yolo (CA) , Solano (CA)

ZipCode(s):

Davis CA: 95616, 95618

Radon

* Target property is located in Radon Zone 3.

Zone 3 areas have a predicted average indoor radon screening level less than 2 pCi/L (picocuries per liter).

Database Radius Summary

STATE (CA) LISTING

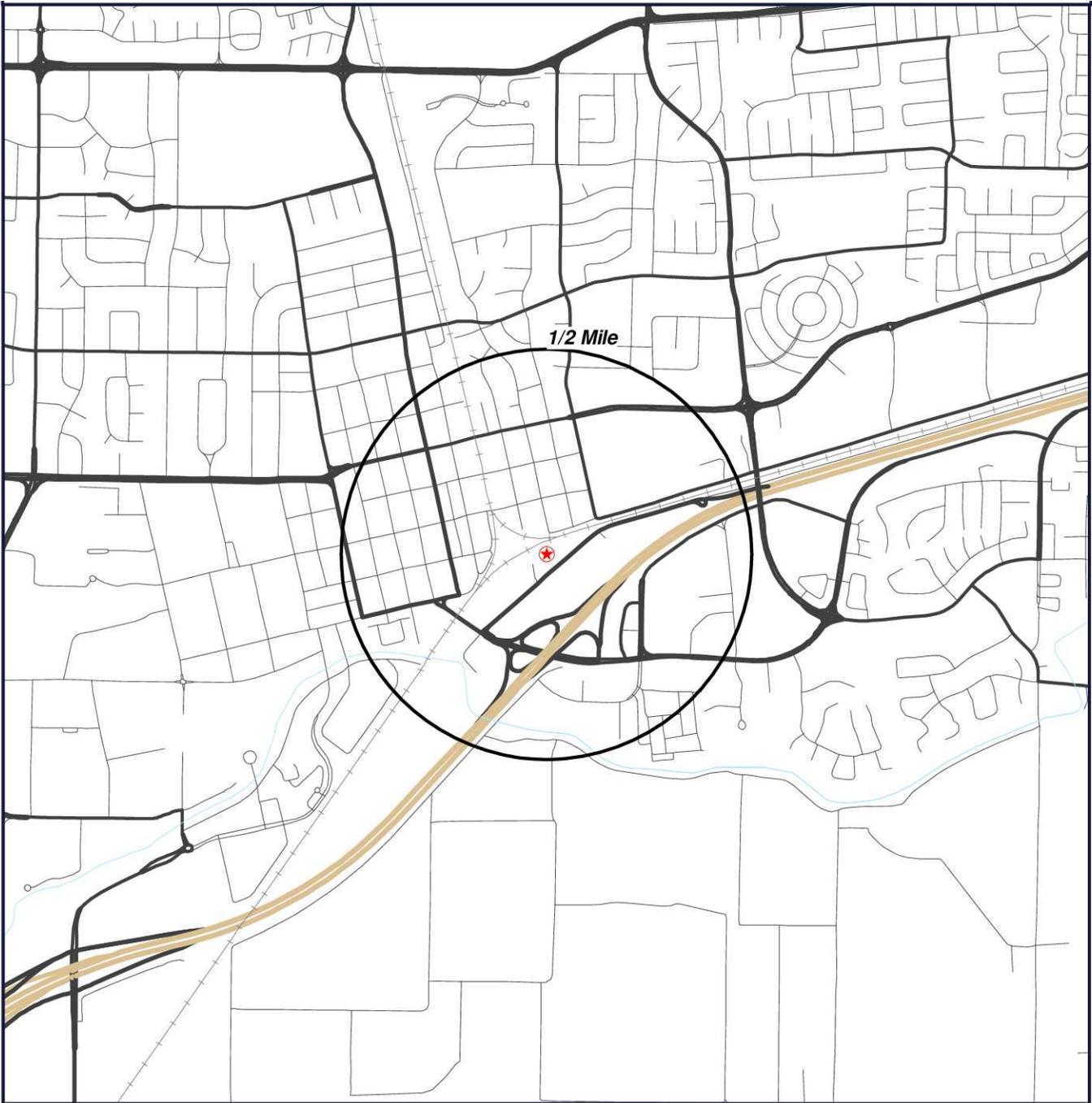
Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
OG	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	0	0	0	0	0	0
TOTAL		0	0	0	0	0	0	0

NOTES:

NS = NOT SEARCHED

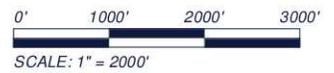
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

OIL & GAS MAP



- ★ Target Property (TP)
- Well Location

Lincoln40
1111 Olive Dr
Davis, California
95616



[Click here to access Satellite view](#)

Located Sites Summary

No Records Found.

Environmental Records Definitions - STATE (CA)

OG Oil and Gas

VERSION DATE: 07/06/16

This oil, gas, and geothermal well information database is maintained by the California Department of Conservation's Division of Oil, Gas, and Geothermal Resources. The database information may change without notice. The Department of Conservation makes no warranties, whether expressed or implied, as to the suitability of the product for any particular purpose. Any use of this information is at the user's own risk.

GeoPlus Water Well Report

[Satellite view](#)

Target Property:

**Lincoln40
1111 Olive Dr
Davis, Yolo County, California 95616**

Prepared For:

ERC Diligence.com

Order #: 73449

Job #: 157753

Date: 08/11/2016

Table of Contents

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Target Property Summary

Target Property Information

Lincoln40
1111 Olive Dr
Davis, California 95616

Coordinates

Point (-121.73563, 38.543583)

USGS Quadrangle

Davis, CA

Geographic Coverage Information

County/Parish: Yolo (CA) , Solano (CA)

ZipCode(s):

Davis CA: 95616, 95618

Radon

* Target property is located in Radon Zone 3.

Zone 3 areas have a predicted average indoor radon screening level less than 2 pCi/L (picocuries per liter).

Database Radius Summary

FEDERAL LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
NWIS	0.5000	0	0	1	2	NS	NS	3
SUB-TOTAL		0	0	1	2	0	0	3

Database Radius Summary

STATE (CA) LISTING

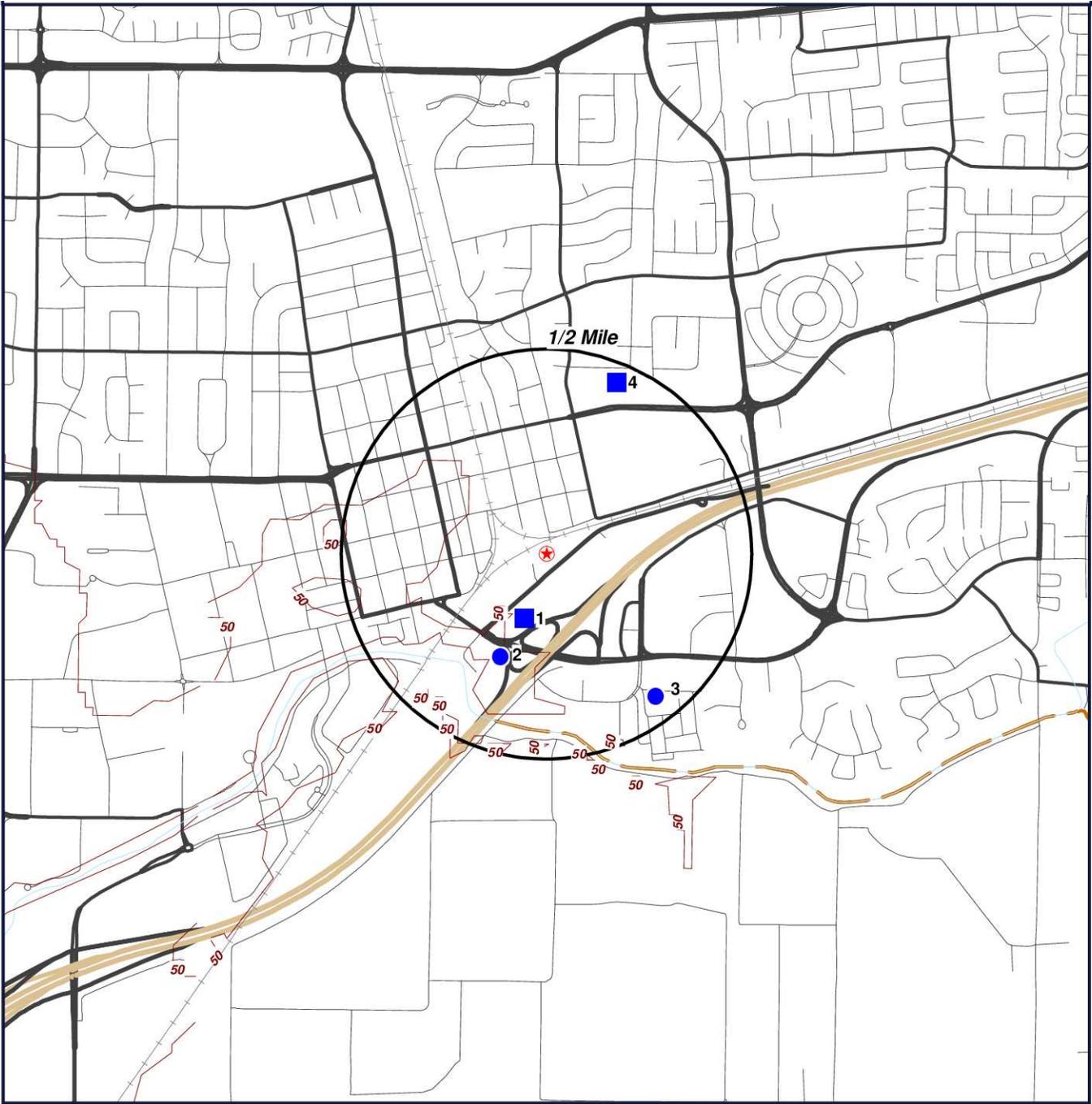
Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
DWRWELLS	0.5000	0	0	0	2	NS	NS	2
SUB-TOTAL		0	0	0	2	0	0	2
TOTAL		0	0	1	4	0	0	5

NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

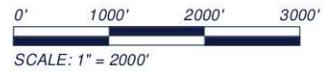
Waterwell Map



- ★ Target Property (TP)
- NWIS
- DWRWELLS

Lincoln40
1111 Olive Dr
Davis, California
95616

CONTOUR LINES REPRESENTED IN FEET



[Click here to access Satellite view](#)

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
1	NWIS	00136522	0.167 mi. S (882 ft.)	008N002E15G005M		6
2	DWRWELLS	3679442899	0.272 mi. SW (1436 ft.)		YOLO COUNTY, DAVIS, CA 95616	7
3	NWIS	00136498	0.431 mi. SE (2276 ft.)	008N002E14M003M		8
3	DWRWELLS	1350281432	0.436 mi. SE (2302 ft.)		YOLO COUNTY, DAVIS, CA 95618	9
4	NWIS	00136597	0.452 mi. N (2387 ft.)	008N002E10R001M		10

**United States Geological Survey National Water Information System
(NWIS)**

[MAP ID# 1](#)

Distance from Property: 0.167 mi. (882 ft.) S

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **383229121440801**

STATION NAME: **008N002E15G005M**

SITE TYPE: **WELL**

LATITUDE: **38.541295450** LONGITUDE: **-121.736627700**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **133 FEET**

HOLE DEPTH: **136 FEET**

LOCAL AQUIFER: **NOT REPORTED**

[Back to Report Summary](#)

California Department of Water Resources Water Wells (DWRWELLS)

[MAP ID# 2](#)

Distance from Property: 0.272 mi. (1,436 ft.) SW

GEOSEARCH ID: 3679442899

WATERWELL NUMBER: 08N02E15G004M

WELL TYPE: VOLUNTARY

WELL DEPTH: 133

WELL USAGE: IRRIGATION

BASIN: YOLO

LONGITUDE: -121.737700000

LATITUDE: 38.540000000

[Back to Report Summary](#)

**United States Geological Survey National Water Information System
(NWIS)**

MAP ID# 3

Distance from Property: 0.431 mi. (2,276 ft.) SE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **383220121434601**

STATION NAME: **008N002E14M003M**

SITE TYPE: **WELL**

LATITUDE: **38.538795480** LONGITUDE: **-121.730516500**

DATE DRILLED: **1962-08-20**

WELL DEPTH: **204 FEET**

HOLE DEPTH: **232 FEET**

LOCAL AQUIFER: **NOT REPORTED**

[Back to Report Summary](#)

California Department of Water Resources Water Wells (DWRWELLS)

MAP ID# 3

Distance from Property: 0.436 mi. (2,302 ft.) SE

GEOSEARCH ID: 1350281432

WATERWELL NUMBER: 08N02E14M003M

WELL TYPE: VOLUNTARY

WELL DEPTH: 204

WELL USAGE: RESIDENTIAL

BASIN: YOLO

LONGITUDE: -121.730700000

LATITUDE: 38.538600000

[Back to Report Summary](#)

**United States Geological Survey National Water Information System
(NWIS)**

MAP ID# 4

Distance from Property: 0.452 mi. (2,387 ft.) N

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **383259121435301**

STATION NAME: **008N002E10R001M**

SITE TYPE: **WELL**

LATITUDE: **38.549628660** LONGITUDE: **-121.732461000**

DATE DRILLED: **1981-03-06**

WELL DEPTH: **352 FEET**

HOLE DEPTH: **363 FEET**

LOCAL AQUIFER: **NOT REPORTED**

[Back to Report Summary](#)

Environmental Records Definitions - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 05/14/15

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.

Environmental Records Definitions - STATE (CA)

DWRWELLS

California Department of Water Resources Water Wells

VERSION DATE: 02/12/16

The California Department of Water Resources (DWR) maintains this database of water wells, including California Statewide Groundwater Elevation Monitoring (CASGEM) program wells and Voluntary wells. In Late 2009 the State Legislature amended the Water Code with SBx7-6, which mandates a statewide groundwater elevation monitoring program to track seasonal and long-term trends in groundwater elevations in California's groundwater basins. To achieve that goal, the amendment requires collaboration between local monitoring entities and DWR to collect groundwater elevation data. In accordance with this amendment to the Water Code, DWR developed the CASGEM program.

Annual Monitoring & Conceptual Site Model Report - 2016

*Union Pacific Railroad
Wye VOC Site
Davis, California*

*Central Valley Regional Water Quality Control
Board Case No. SL185452916*

*Antea Group Project No. UPR8209CA2
July 1, 2016*

Prepared for:
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Figure 2	Site Map
Figure 3	Groundwater Elevation Contour Map – March 8, 2016
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Figure 5	Historical Groundwater Flow Direction (Rose) Diagram
Figure 6	Site Plan- Utility Map
Figure 7	Extended Site Plan- Utility Map

Appendices

Appendix A	Blaine Tech Services Standard Operating Procedures
Appendix B	Blaine Tech Services Field Data Sheets
Appendix C	Laboratory Analytical Report and Validation Memo
Appendix D	Hydrographs
Appendix E	Waste Manifest

Annual Monitoring & Conceptual Site Model Report - 2016

Union Pacific Railroad

Wye VOC Site - Davis, California

Central Valley Regional Water Quality Control Board

Case No. SL185452916

1.0 INTRODUCTION

Antea[®]Group has prepared this *Annual Monitoring & Conceptual Site Model (CSM) Report* to evaluate current groundwater conditions and finalize the CSM at the Wye VOC Site in Davis, California (the site) (**Figure 1**). This report documents the current CSM and a summary of the data obtained from the most recent groundwater monitoring event completed on March 8, 2016. Presented herein are groundwater flow contours and trends, a contaminant isoconcentration map, time-series graphs, and historical data tables.

This report has received a technical review by Ms. Regina Bussard, California Professional Geologist #8288.

1.1 Site Description

The site is a currently an asphalt covered parking lot owned by the City of Davis and serving the adjoining Davis Amtrak Station (**Figure 2**). The land use surrounding the site is primarily retail, commercial, and light industrial facilities. The center of the site is paved with landscaping along the site perimeter and landscaped islands between parking rows. Soils beneath the site consist primarily of silty clay and clayey silt, interspersed with discontinuous layers of silty sands. Groundwater is typically encountered in fine-grained silt and clay around 30 feet below ground surface (ft bgs).

2.0 ANNUAL GROUNDWATER MONITORING AND SAMPLING

The following sections describe the status of the site's monitoring and sampling program and the results of the first quarter 2016 sampling event.

2.1 Work Performed since the First Quarter 2015

1. Antea Group submitted the *First Quarter 2015 Annual Monitoring Report* on April 30, 2015.
2. Blaine Tech Services, Inc. (Blaine Tech) conducted the First Quarter 2016 groundwater monitoring sampling event on March 8, 2016. The samples were submitted to Pace Analytical Services, Inc. (Pace).
3. Antea Group performed a Utility Survey to identify potential pathways from a possible off-site source and to aid in completion of the Conceptual Site Model (CSM).



2.2 Work Proposed for the Second Quarter 2016 through First Quarter 2017

1. Antea Group will prepare and submit the *Annual Monitoring & Conceptual Site Model Report -2016* (contained herein) to the Central Valley Regional Water Quality Control Board (CVRWQCB).
2. Blaine Tech will conduct the annual monitoring and sampling event during the first quarter 2017.

2.3 Current Project Status

Current phase of project:	Annual Groundwater Monitoring
Lead agency for cleanup oversight:	Central Valley Regional Water Quality Control Board (Case No. SL185452916)
Monitoring well gauging schedule:	Annual (1Q): DAS-01 through DAS-07
Monitoring well sampling schedule:	Annual (1Q): DAS-06 and DAS-07
Total number of groundwater monitoring wells (Table 1):	7 wells (DAS-01 through DAS-07)
Range of well depths (total depth below ground surface, bgs):	50.5 to 79.0 ft bgs
Wells with historical measurable LNAPL (light non-aqueous phase liquid):	None
Historical depth to water range, in feet below top of casing (BTOC):	Min: 21.14 (DAS-04, 3/17/1998) Max: 46.05 (DAS-05, 3/8/2016)
Historical groundwater elevation range (feet):	Min: 1.80 (DAS-05, 3/8/2016) Max: 23.68 (DAS-05, 3/17/1998)
Current remediation technique	None

2.4 Regulatory Correspondence

No formal regulatory correspondence has been exchanged since the last monitoring event.

2.5 Groundwater Monitoring

For this annual 2016 groundwater monitoring event, all seven monitoring wells were gauged and two wells were purged and sampled by Blaine Tech per their standard sampling protocol (**Appendix A**). Copies of Blaine Tech's field data sheets are included as **Appendix B**. Current and historical groundwater data are included in **Tables 2** and **3**. A groundwater elevation contour map is included as **Figure 3** and a groundwater concentration map is included as **Figure 4**. The recent gauging and sampling event is summarized below.

Well gauging and sampling date:	March 8, 2016
Wells gauged:	DAS-01 through DAS-07
Wells sampled:	DAS-06 and DAS-07
Purge method:	3 well casing volumes via bailer (DAS-06) and electric, centrifugal pump (DAS-07)
Sample collection method:	Disposable bailer



Groundwater parameters measured (Appendix B):	Temperature, pH, Conductivity, Turbidity, and Oxidation Reduction Potential (ORP)
Current depth to water range of wells (ft BTOC):	Min: 41.44 (DAS-07) Max: 46.05 (DAS-05)
Current groundwater elevation range of wells (ft):	Min: 1.80 (DAS-05) Max: 2.64 (DAS-02)
Groundwater flow direction and gradient:	South – 0.001 ft/ft(see below)

2.5.1 Groundwater Flow Gradient and Directional Trends

Using the well gauging data from March 8, 2016 and the surveyed well casing elevations, Antea Group calculated the groundwater table elevation at each monitoring well location (**Table 2**). These elevations were used to calculate and plot the groundwater flow direction and gradient across the site (**Figure 5**). Regional groundwater flow is generally toward the south. Historically, localized groundwater flow beneath the site has been predominantly toward the southeast with occasional variation throughout the site's history. During the 2016 annual monitoring event, groundwater flow direction beneath the site was to the south.

Historical groundwater flow direction and gradient data are presented in **Table 4**. Groundwater flow data during monitoring events since August 2000 are plotted on a rose diagram presented on **Figure 5**.

2.5.2 Groundwater Quality Data

Blaine Tech submitted the groundwater samples collected during the annual 2016 sampling event under chain of custody protocol to Pace, a state of California certified laboratory (California Certification No. 08263CA). The complete laboratory analytical report and laboratory validation memo are included as **Appendix C**. Pace analyzed the groundwater samples for Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260B.

Groundwater analytical results are presented in **Table 2** (current) and **Table 3** (historical). The contaminants of concern, tetrachloroethene (PCE) and trichloroethene (TCE) were reported above detection limits in the groundwater samples collected first quarter 2016. PCE was reported at 3.4 micrograms per liter ($\mu\text{g/L}$) in DAS-06 and at 3.5 $\mu\text{g/L}$ in DAS-07. TCE was reported at 0.35 $\mu\text{g/L}$ in DAS-06 and 0.36 $\mu\text{g/L}$ in DAS-07.

2.5.3 Groundwater Contaminant Trends

Previous monitoring and sampling events have shown VOC impact restricted to the area of wells DAS-06 and DAS-07, the two wells currently sampled annually during the first quarter.

Antea Group prepared hydrographs for DAS-06 and DAS-07 that show groundwater elevation, PCE concentrations, and TCE concentrations over time. During events when an analyte concentration did not exceed the reporting limit, Antea Group used half the reporting limit value in the hydrograph. Antea Group applied an exponential trend line to illustrate the decreasing PCE trend on each hydrograph. Based on current trends, the hydrographs



show PCE could decline to below the water quality objective (WQO) of 0.06 µg/L in roughly October 2023 (DAS-06) and May 2025 (DAS-07). A comparison of hydrographs is included as **Appendix D**.

During the recent sampling event, PCE concentrations did not exceed the Maximum Contaminant Level (MCL) of 5 µg/L in DAS-06 and DAS-07. The PCE detections did exceed the WQO of 0.06 µg/L. TCE was reported in DAS-06 and DAS-07 with concentrations below the MCL of 5.0 µg/L and WQO of 0.80 µg/L.

2.5.4 Quality Assurance / Quality Control

QA/QC measures included the use of a trip blank and a detailed QA/QC data validation check on the analytical results for the March 2016 sampling event. GHD performed the data validation. The Pace Analytical laboratory report is included along with the data validation as **Appendix C**. A summary of QA/QC information follows.

Trip Blank (WG-1320-TB-(03/08/16)):	No contaminants reported
Laboratory QA/QC Performed:	Yes
Laboratory Data Qualifiers:	Yes
Are the data valid for their intended purpose?	Yes, the data are valid

Antea Group concludes that the laboratory data obtained during this groundwater sampling event are valid for their intended purpose.

3.0 WASTE DISPOSAL SUMMARY

Approximately 35 gallons of wastewater generated during well purging/sampling and equipment cleaning was placed into a 55-gallon Department of Transportation (DOT) drum and temporarily stored on-site prior to transportation and disposal at an approved facility. **Appendix E** includes the manifests for wastewater generated during the 2014 annual groundwater sampling event, the 2015 annual groundwater sampling event, and the 2016 annual groundwater sampling event.

4.0 UTILITY SURVEY

During the first and second quarter of 2016, a subsurface utility survey was conducted on and off-site to identify potential pathways of PCE and TCE from the former Lewis Cleaners site at 670 G Street approximately 2,200 feet north-northwest of the site (**Figures 6 and 7**).

4.1 City of Davis Utilities

The City of Davis Public Works Department provided Antea Group with detailed utility map books for water, sewer, and storm lines, and streets and pathway lighting maps. They did not have records of utility depths available at the time of this utility survey. These utilities can be viewed on both **Figures 6 and 7**.



4.2 Public Utility Tickets

Antea Group obtained ticket numbers 175121, 175137, and 175154 from USA North 811 on April 8, 2016 after marking the streets adjacent to the site. The following companies and agencies confirmed they do not operate subsurface installations in the marked area: University of California Davis (UC Davis) Telecommunications Resources, Level 3 Communications, UC Davis Facilities, and CenturyLink National Network. Kinder Morgan indicated the site might be near a pipeline maintained by Terminal Code (CDC KMESA2), but that work at the site is unlikely to affect the pipeline. Antea Group will be requesting additional utility maps directly from companies listed on the tickets as potentially having subsurface installations near the site and will submit an updated utility memorandum if additional utilities are found.

5.0 CONCEPTUAL SITE MODEL

5.1 Site Geology and Hydrogeologic Setting

5.1.1 Geology

Antea Group based the interpreted site geology on lithologic logs from borings drilled as part of previous environmental investigations performed by Union Pacific Railroad (UPRR) and adjacent responsible parties (RPs).

In general, the soil encountered from 5 ft bgs to approximately 28 ft bgs consists of alternating layers of clay, silty clay, or clayey silt ranging from less than 1-foot to approximately 2-feet thick. Below 28 ft bgs, the lithology generally has less clay and more silt. Between 28 and 126 ft bgs, the geology alternates between layers of silt and clayey silt ranging from less than 1-foot to approximately 12-feet thick. At approximately 94 ft bgs, and from approximately 126 to 130 ft bgs, are thin layers of sandy silt. The sandy silt layers range between approximately 0.5 to 1-foot thick (ERM, July 2002).

5.1.2 Hydrogeology

As stated in **section 3.5.1**, regional groundwater flow is generally to the south. Historically, localized groundwater flow at the site has been predominantly southeast with occasional variation. The 2016 annual monitoring data showed groundwater flow to the south. Historical groundwater flow direction and gradient data are presented in **Table 4**. Groundwater flow data during monitoring events since August 2000 are plotted on a rose diagram presented on **Figure 5**.

Typically, unconfined, shallow groundwater is measured beneath the site at depths between 20 and 40 ft bgs. The Central Valley Regional Water Quality Control Board's (CVRWQCB) Sacramento River and San Joaquin River Basin plan states regional groundwater has beneficial uses for municipal and domestic water supply, agricultural supply, industrial service supply, and industrial process supply. The hydrographs show a steady decline in shallow water levels over the last 8 to 9 years (10 -20 foot drop in GW) with corresponding contaminant decreases. The overall decline in groundwater levels is likely due to the current drought conditions in California. Prior to 2007 you see

regular seasonal variation in groundwater elevations, likely a result of agricultural use in the summer months (approximately a 5 ft difference), with corresponding shifts in PCE concentrations.

5.2 Source

The constituents of concern in groundwater beneath the site appear to be from petroleum hydrocarbon and VOC releases both on-site and in the site vicinity. PCE is the primary VOC detected in groundwater and soil vapor beneath the site; however, the source is unknown. PCE has only been detected in one soil sample from DAS-06 at a depth of 10 feet bgs from September 2001. Samples collected below the 10 foot DAS-06 sample at 15 and 20 feet bgs did not contain PCE above the laboratory reporting limit. No documentation of PCE use or storage exists for the site.

The former Lewis Cleaners (Lewis Cleaners) at 670 G Street is an active case upgradient of the site approximately 2,200 feet to the north-northeast. PCE associated with Lewis Cleaners was first discovered in groundwater during an investigation of the adjacent former Texaco gas station site in the early 1990's. Historical PCE concentrations of up to 77,000 µg/L in groundwater and 2,400 µg/L in soil gas have been reported in areas adjacent to the Lewis Cleaners site. According to public files on the State Water Resources Control Board Geotracker website, a soil vapor extraction (SVE) system was installed for the Lewis Cleaners site in 2009 and operated for a limited period. Approved remediation plans for SVE enhancement and a pilot study coupled with in-situ remediation are scheduled to be completed by the end of 2016 (CVRWQCB, February 2016).

5.3 Contaminant Transport

PCE is denser than water. When groundwater and PCE come in contact, a portion of the PCE solubilizes and a portion continues to travel through the aquifer under the influence of gravity. Downward PCE migration will be stopped or slowed by soil layers of low permeability, such as clays or silts. PCE will then start to move laterally following the slope of the low permeability layer until it either reaches a dip in the layer and accumulates in pools or until it finds a hole in the layer to enable further downward movement. Groundwater will also sometimes sit on top of the less permeable layers thus the subsurface accumulated pools of PCE will serve as a secondary source.

Pipes and utility lines can play a large role in the spread and migration of contamination. Prior to horizontal drilling, the preferred method of installing flexible piping and communication cables was digging trenches to lay the pipes. A bedding material of crushed gravel or sand was placed in the bottom of the trench; the pipes laid down then backfilled with more bedding material and covered. The bedding material is typically much more permeable and transmissive than the native surrounding material. The higher permeability material makes the utility corridors preferential pathways for the migration of water and vapors. Groundwater at the site is too deep to point to the upgradient Lewis Cleaners site as the source, although vapors could have migrated laterally from Lewis Cleaners to the site. **Figure 7** shows an extended view of the site and the suspected source Lewis Cleaners.

5.4 Receptors and Exposure Pathways

5.4.1 Sensitive Receptors

The City of Davis utilizes groundwater as their only source of drinking water. The nearest downgradient municipal water supply well (CDW-24) is located approximately 1,700 feet east of DAS-06 and DAS-07 (Brown and Caldwell, 2006). Other wells near the site (CDW-14, CDW-1, and CDW-23) are located approximately a half mile from the site to the northeast, north, and northwest (upgradient). Screened intervals in well CDW-24 extend from approximately 208 to 447 ft bgs. Groundwater contamination is defined vertically beneath the site (DAS-07) at approximately 80 ft bgs. Furthermore, the site's plume is delineated downgradient by wells DAS-04 and DAS-05, and concentrations of PCE in DAS-06 and DAS-07 (in the plume core) are below the MCL of 5 µg/L. Based on the delineated extent of the PCE plume and the distance to municipal well CDW-24, the relatively low residual concentrations of PCE beneath the site are not a risk to the drinking water supply.

Antea Group performed a quarter-mile radius web based search for nearby sensitive populations including daycare centers, schools, nursing homes, and hospitals. No sensitive populations were identified within the search radius. The nearest surface body of water is Putah Creek, which is located approximately 1,500 feet southwest of the site at the nearest point (Brown and Caldwell, 2006). Due to the low concentrations beneath the site, the site's distance from the creek, the depth to shallow groundwater (approximately 30 ft bgs), and the status of the closest part of Putah Creek as a losing reach, residual TCE and PCE from the central portion of the site are not likely to impact the stream.

5.4.2 Vapor Intrusion Hazard

Historically, per a soil vapor survey conducted by Kennedy-Jenks in December 1995, the highest PCE detections were reported in VP9. However, during the March 2013 vapor sampling event, samples from the well pair installed nearest to VP9 (SV-1S/1D) reported low PCE concentrations (below the California Human Health Screening Level (CHHSL)). The highest PCE concentrations were reported in SV-3S, approximately 30 feet south of historic VP9. During the February 2014 vapor sampling event, SV-3S was resampled. The PCE concentrations collected 5 ft bgs in SV-3S decreased from 13,000 micrograms per cubic meter (µg/m³) to 950 µg/m³. The maximum PCE concentrations of 1,300 µg/m³ and 3,000 µg/m³ were collected at 5 ft bgs and 10 ft bgs, respectively, from SV-4S/4D located approximately 88 feet south-southwest of VP9 and approximately 50 feet from SV-3S. PCE concentrations were also reported above the CHHSL in SV-3D and SV-7S/7D, but were below the CHHSL in SV-5S/5D and SV-6S/6D. Data suggests that PCE in vapor beneath the site centers on the paved Amtrak parking lot near impacted groundwater monitoring wells DAS-06 and DAS-07 (Figure 6). None of the soil vapor wells are located adjacent to a building, therefore there is no risk of vapor intrusion. Currently, all soil vapor concentrations reported at the site are lower than the concentrations detected in VP9 during the 1995 sampling event.



5.4.3 Groundwater Ingestion Hazard

The PCE and TCE concentrations are below the MCLs. Based on the vertical definition of the plume to 80 ft bgs and the distance and screened depth of the closest municipal well, the site does not appear to pose a threat to human health through ingestion of groundwater.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The PCE concentrations reported in the groundwater samples collected during the recent sampling event exceed the WQO, but not the MCL. The reported TCE concentrations during the recent sampling event were below the WQO and MCL. The PCE and TCE concentrations in groundwater show a consistent, overall decreasing trend, and because the detections are all below the MCL, these compounds in groundwater do not appear to pose a threat to human health and the environment.

Antea Group will also follow-up with remaining utility companies to see if further information can be obtained to confirm preferential pathways in the site vicinity. Continued annual groundwater monitoring is recommended at the time of this report submittal.



7.0 REMARKS

The recommendations contained in this document represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This document is based upon a specific scope of work requested by the client. For any reports cited that were not generated by Delta or Antea Group, the data from those reports is used "as is" and is assumed to be accurate. Antea Group does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this document were performed. This document is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this document. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this document.

Prepared by:

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Allison Dagg
Staff Professional
Antea Group

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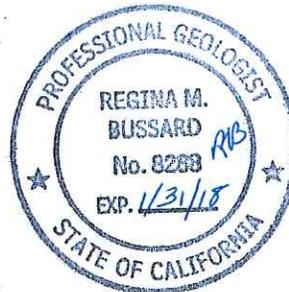
Tara Bosch
Project Manager
Antea Group

Information, conclusions, and recommendations provided by Antea Group in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Licensed Approver:

Handwritten signature of Regina Bussard in blue ink.

Regina Bussard, P.G.
Project Professional
California Registered Professional Geologist No. 8288
Antea Group



cc: GeoTracker (upload)



REFERENCES CITED

Environmental Resources Management, *Intrinsic Bioremediation Sampling Results and Ground Water Remediation Options Assessment Report, Davis Amtrak Depot, Davis, California, July 2002.*

Brown and Caldwell, *City of Davis/UC Davis, Groundwater Management Plan, April 2006.*

Regional Water Quality Control Board, *Remedial Workplan, Union Pacific Railroad, Davis WYE Track, Davis, Yolo County, April 11, 2007.*

Antea Group, *Annual Monitoring Report and Case Closure Request, Union Pacific Railroad, Wye VOC Site, Davis, California, May 10, 2012.*

Davis California Public Works, *Utility Map Book- Storm, Collections, Water, Lights, Printed date September 25, 2014.*

Central Valley Regional Water Quality Control Board (CVRWQCB), *Review of Data Gap Investigation Report and Source Area Remediation Plan, Former Lewis Cleaners, The Davis Center, 670 G Street, Davis, Yolo County, February 11, 2016.*



Tables

Table 1	Monitoring Well Construction Details
Table 2	Current Groundwater Gauging and Analytical Data
Table 3	Historical Groundwater Gauging and Analytical Data (PCE and TCE)
Table 4	Historical Groundwater Flow Direction and Gradient Data

TABLE 1
WELL CONSTRUCTION DETAILS
UNION PACIFIC RAILROAD
WYE VOC SITE
DAVIS, CALIFORNIA

Updated 4/14/2014

Boring/Well ID	TOC Elevation ¹ (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Monitoring Wells												
DAS-01	47.52	50.5	8.0	49	2	PVC	0.020	34.0 to 49.0	0.0 to 30.0	30.0 to 32.0	32.0 to 50.5	Monitor Only
DAS-02	47.32	51.5	8.0	49	2	PVC	0.020	34.0 to 49.0	0.0 to 30.0	30.0 to 32.0	32.0 to 51.5	Monitor Only
DAS-03	47.51	50.5	8.0	49	2	PVC	0.020	34.0 to 49.0	0.0 to 30.0	30.0 to 32.5	32.5 to 50.5	Monitor Only
DAS-04	48.18	56.5	8.0	55	2	PVC	0.020	40.0 to 55.0	0.0 to 36.0	36.0 to 38.0	38.0 to 56.5	Monitor Only
DAS-05	47.85	51.5	8.0	50	2	PVC	0.020	35.0 to 50.0	0.0 to 31.0	31.0 to 33.0	33.0 to 51.5	Monitor Only
DAS-06	43.59	50.0	8.0	50	2	PVC	0.010	35.0 to 50.0	0.0 to 30.0	30.0 to 32.0	32.0 to 50.0	Monitor and Sample
DAS-07	43.50	79.0	8.0	79	2	PVC	0.020	64.0 to 79.0	0.0 to 60.0	60.0 to 62.0	62.0 to 79.0	Monitor and Sample
SV-1S	45.27*	5.5	3.0	5	0.25	Fluoropolymer	Wire Mesh	5.0 to 5.1	0.0 to 3.5	3.5 to 4.5	4.5 to 5.5	Vapor well - Installed in same borehole as SV-1D
SV-1D	45.27*	10.5	3.0	10	0.25	Fluoropolymer	Wire Mesh	10.0 to 10.1	5.5 to 8.5	8.5 to 9.5	9.5 to 10.5	Vapor well - Installed in same borehole as SV-1S
SV-2S	45.20	5.5	3.0	5	0.25	Fluoropolymer	Wire Mesh	5.0 to 5.1	0.0 to 3.5	3.5 to 4.5	4.5 to 5.5	Vapor well
SV-3S	44.36	5.5	3.0	5	0.25	Fluoropolymer	Wire Mesh	5.0 to 5.1	0.0 to 3.5	3.5 to 4.5	4.5 to 5.5	Vapor well
SV-3D	44.50*	10.5	3.25	10	0.25	Fluoropolymer	Wire Mesh	10.0 to 10.1	0.0 to 8.5	8.5 to 9.5	9.5 to 10.5	Vapor well
SV-4S	44.53*	10.5	3.25	5	0.25	Fluoropolymer	Wire Mesh	5.0 to 5.1	0.0 to 3.5	3.5 to 4.5	4.5 to 5.5	Vapor well - Installed in same borehole as SV-4D
SV-4D	44.53*	10.5	3.25	10	0.25	Fluoropolymer	Wire Mesh	10.0 to 10.1	5.5 to 8.5	8.5 to 9.5	9.5 to 10.5	Vapor well - Installed in same borehole as SV-4S
SV-5S	44.92*	10.5	3.25	5	0.25	Fluoropolymer	Wire Mesh	5.0 to 5.1	0.0 to 3.5	3.5 to 4.5	4.5 to 5.5	Vapor well - Installed in same borehole as SV-5D
SV-5D	44.92*	10.5	3.25	10	0.25	Fluoropolymer	Wire Mesh	10.0 to 10.1	5.5 to 8.5	8.5 to 9.5	9.5 to 10.5	Vapor well - Installed in same borehole as SV-5S
SV-6S	44.38*	10.5	3.25	5	0.25	Fluoropolymer	Wire Mesh	5.0 to 5.1	0.0 to 3.5	3.5 to 4.5	4.5 to 5.5	Vapor well - Installed in same borehole as SV-6D
SV-6D	44.38*	10.5	3.25	10	0.25	Fluoropolymer	Wire Mesh	10.0 to 10.1	5.5 to 8.5	8.5 to 9.5	9.5 to 10.5	Vapor well - Installed in same borehole as SV-6S
SV-7S	45.29*	10.5	3.25	5	0.25	Fluoropolymer	Wire Mesh	5.0 to 5.1	0.0 to 3.5	3.5 to 4.5	4.5 to 5.5	Vapor well - Installed in same borehole as SV-7D
SV-7D	45.29*	10.5	3.25	10	0.25	Fluoropolymer	Wire Mesh	10.0 to 10.1	5.5 to 8.5	8.5 to 9.5	9.5 to 10.5	Vapor well - Installed in same borehole as SV-7S

Notes:

ft = feet

in = inches

TOC = Top of Casing

bgs = below ground surface

¹ = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on 3/2/2009 by Morrow Surveying

* = Elevation is measured from Top of Box

TABLE 2
CURRENT GROUNDWATER GAUGING AND ANALYTICAL DATA
UNION PACIFIC RAILROAD
WYE VOC SITE
DAVIS, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA**	
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	PCE (ug/L)	TCE (ug/L)
DAS-01	3/8/2016	47.52	45.09	NP/NA	2.43	--	--
DAS-02	3/8/2016	47.32	44.68	NP/NA	2.64	--	--
DAS-03	3/8/2016	47.51	45.30	NP/NA	2.21	--	--
DAS-04	3/8/2016	48.18	46.02	NP/NA	2.16	--	--
DAS-05	3/8/2016	47.85	46.05	NP/NA	1.80	--	--
DAS-06	3/8/2016	43.59	41.53	NP/NA	2.06	3.4	0.35
DAS-07	3/8/2016	43.50	41.44	NP/NA	2.06	3.5	0.36
California Maximum Contaminant Levels (MCLs)						5.0	5.0
Water Quality Objectives (WQOs)						0.06	0.80

Gauging Notes:

TOC - Top of Casing

ft - Feet

LNAPL - Light non-aqueous phase liquid

NP/NA - LNAPL not present/Not Applicable

-- No information available or Not Analyzed

**All Groundwater samples were analyzed for a full VOC suite by EPA Method 8260B. Any compound not shown on table was reported below the laboratory detection limit.

Analytical Notes:

TCE = Trichloroethene

PCE = Tetrachloroethene

MCL = Maximum Contaminant Level

WQO = Water Quality Objective

** = Method detection limit used in lieu of Reporting Limit.

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA (PCE AND TCE)
UNION PACIFIC RAILROAD
WYE VOC SITE
DAVIS, CALIFORNIA

Monitoring Well	Screen Interval (feet bgs)	Top of Casing Elevation (feet)	Date Measured	Depth to Water (feet)	Ground Water Elevation (feet)	Ground Water Elevation Change (feet)	PCE (µg/L)	TCE (µg/L)
DAS-01	34.0 - 49.0	46.49	03/11/96	31.70	14.79	--	4.9	17
			09/30/96	33.99	12.50	-2.29	--	--
			02/27/97	24.92	21.57	9.07	--	--
		45.99	06/30/97	31.34	14.65	-6.92	<1.0	5.44
			09/16/97	35.13	10.86	-3.79	1.45	7.6
			12/16/97	33.43	12.56	1.70	0.93	4.4
			03/17/98	23.10	22.89	10.33	0.95	6.5
			06/16/98	--	--	--	0.84	6.1
			09/22/98	--	--	--	<0.50	2.5
			03/03/99	23.56	22.43	-0.46	<0.50	2.0
			06/04/99	25.03	20.96	-1.47	--	--
			12/09/99	34.41	11.58	-9.38	--	--
			08/25/00	35.13	10.86	-0.72	<1.0	<1.0
			03/23/01	31.06	14.93	4.07	<1.0	1.58
			09/21/01	39.22	6.77	-8.16	<0.50	2.32
			03/20/02	33.05	12.94	6.17	<0.50	1.26
			09/23/02	39.86	6.13	-6.81	<0.50	<1.0
			03/20/03	32.19	13.80	7.67	<0.50	<1.0
			09/23/03	36.19	9.80	-4.00	<0.50	<1.0
			03/09/04	30.51	15.48	5.68	<0.50	<1.0
			09/29/04	37.95	8.04	-7.44	<0.50	<1.0
			05/19/05	29.00	16.99	8.95	<0.50	<1.0
			09/26/05	35.34	10.65	-6.34	--	--
			11/11/05	35.47	10.52	-0.13	<1.0	<1.0
			12/15/05	33.91	12.08	1.56	--	--
			03/17/06	26.10	19.89	7.81	<1.0	<1.0
			03/20/06	25.85	20.14	0.25	--	--
		09/18/06	31.10	14.89	-5.25	<0.50	<0.50	
		09/29/06	31.37	14.62	-0.27	--	--	
		03/30/07	26.73	19.26	4.64	<2.0	<2.0	
		03/13/08	28.88	17.11	-2.15	--	--	
		47.52	03/02/09	33.82	13.70	-3.41	--	--
			03/12/10	36.55	10.97	-2.73	--	--
03/14/11	33.96		13.56	2.59	--	--		
03/22/12	32.85		14.67	1.11	--	--		
03/04/13	35.02		12.50	-2.17	--	--		
03/03/14	40.38		7.14	-5.36	--	--		
03/02/15	42.40		5.12	-2.02	--	--		
03/08/16	45.09		2.43	-2.69	--	--		
DAS-02	34.0 - 49.0	45.85	03/11/96	31.28	14.57	--	<0.50	<0.50
			09/30/96	33.49	12.36	-2.21	--	--
			02/27/97	25.50	20.35	7.99	--	--
		45.35	06/30/97	30.78	14.57	-5.78	<50	<50
			09/16/97	34.38	10.97	-3.60	<0.50	<0.50
			12/16/97	32.97	12.38	1.41	<0.50	1.7
			03/17/98	22.68	22.67	10.29	<0.50	1.8
			06/16/98	--	--	--	<0.50	1.6
			09/22/98	--	--	--	<2.0	3.6
			03/03/99	22.93	22.42	-0.25	<10	15
			06/04/99	24.40	20.95	-1.47	--	--
			12/09/99	33.85	11.50	-9.45	--	--
			03/15/00	28.34	17.01	5.51	--	--
			08/25/00	35.45	9.90	-7.11	<1.0	<1.0
			03/23/01	30.44	14.91	5.01	<1.0	<1.0
			09/21/01	38.57	6.78	-8.13	<0.50	<1.0
			03/20/02	32.65	12.70	5.92	<0.50	5.26
			09/23/02	39.39	5.96	-6.74	<0.50	<1.0
			05/08/03	35.00	10.35	4.39	<0.50	<1.0
			09/23/03	35.70	9.65	-0.70	<0.50	1.58
			03/09/04	30.11	15.24	5.59	<0.50	<1.0
			09/29/04	37.42	7.93	-7.31	<0.50	<1.0
			05/19/05	29.61	15.74	7.81	<0.50	<1.0
			09/26/05	35.97	9.38	-6.36	--	--
			11/11/05	35.22	10.13	0.75	--	--
			12/15/05	33.57	11.78	1.65	--	--
			03/17/06	25.65	19.70	7.92	<1.0	<1.0
		03/20/06	25.47	19.88	0.18	--	--	
		09/18/06	30.70	14.65	-5.23	--	--	
		09/29/06	30.99	14.36	-0.29	<0.50	<0.50	
		03/30/07	26.34	19.01	4.65	<2.0	<2.0	
		47.32	03/02/09	33.52	13.80	-5.21	--	--
			03/12/10	36.10	11.22	-2.58	--	--
03/14/11	33.30		14.02	2.80	--	--		
03/22/12	32.51		14.81	0.79	--	--		
03/04/13	34.60		12.72	-2.09	--	--		
03/03/14	39.98		7.34	-5.38	--	--		
03/02/15	42.60		4.72	-2.62	--	--		
03/08/16	44.68		2.64	-2.08	--	--		
DAS-03	34.0 - 49.0	46.59	03/11/96	32.67	13.92	--	<0.50	<0.50

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA (PCE AND TCE)
UNION PACIFIC RAILROAD
WYE VOC SITE
DAVIS, CALIFORNIA

Monitoring Well	Screen Interval (feet bgs)	Top of Casing Elevation (feet)	Date Measured	Depth to Water (feet)	Ground Water Elevation (feet)	Ground Water Elevation Change (feet)	PCE (µg/L)	TCE (µg/L)
DAS-03 (cont.)	34.0 - 49.0	46.59	09/30/96	33.89	12.70	-1.22	--	--
			02/27/97	25.20	21.39	8.69	--	--
			06/30/97	30.64	15.42	-5.97	<1.0	<1.0
			09/16/97	34.75	11.31	-4.11	<0.50	<0.50
			12/16/97	33.50	12.56	1.25	<0.50	<0.50
			03/17/98	23.58	22.48	9.92	<0.50	<0.50
			06/16/98	--	--	--	<0.50	<0.50
			09/22/98	--	--	--	<0.50	<0.50
			03/03/99	23.33	22.73	0.25	<0.50	<0.50
			06/04/99	24.69	21.37	-1.36	--	--
			12/09/99	34.27	11.79	-10.94	--	--
			12/09/99	34.27	11.79	-9.58	--	--
			08/25/00	35.54	10.52	-1.27	<1.0	<1.0
			03/23/01	31.11	14.95	4.43	<1.0	<1.0
			09/21/01	38.83	7.23	-7.72	<0.50	<1.0
		03/20/02	33.24	12.82	5.59	<0.50	<1.0	
		09/23/02	39.39	6.67	-6.15	<0.50	<1.0	
		03/20/03	32.39	13.67	7.00	<0.50	<1.0	
		09/23/03	35.89	10.17	-3.50	<0.50	<1.0	
		03/09/04	30.52	15.54	5.37	<0.50	<1.0	
		09/29/04	37.49	8.57	-6.97	<0.50	<1.0	
		05/19/05	28.92	17.14	8.57	<0.50	<1.0	
		09/26/05	35.22	10.84	-6.30	--	--	
		11/11/05	35.23	10.83	-0.01	--	--	
		12/15/05	33.59	12.47	1.64	--	--	
		03/17/06	26.22	19.84	7.37	<1.0	<1.0	
		03/20/06	26.00	20.06	0.22	--	--	
		09/18/06	30.93	15.13	-4.93	--	--	
		09/29/06	31.19	14.87	-0.26	<0.50	<0.50	
		03/30/07	26.78	19.28	4.41	<2.0	<2.0	
		03/13/08	29.25	16.81	-2.47	--	--	
		03/02/09	34.25	13.26	-3.55	--	--	
		03/12/10	36.48	11.03	-2.23	--	--	
03/14/11	33.72	13.79	2.76	--	--			
03/22/12	33.10	14.41	0.62	--	--			
03/04/13	35.21	12.30	-2.11	--	--			
03/03/14	40.20	7.31	-4.99	--	--			
03/02/15	42.70	4.81	-2.50	--	--			
03/08/16	45.30	2.21	-2.60	--	--			
DAS-04	40.0 - 55.0	44.46	03/11/96	29.30	15.16	--	<0.50	<0.50
			09/30/96	32.41	12.05	-3.11	--	--
			02/27/97	23.30	21.16	9.11	--	--
		43.99	06/30/97	29.61	14.38	-6.78	<1.0	<1.0
			09/16/97	33.63	10.36	-4.02	<0.50	<0.50
			12/16/97	31.53	12.46	2.10	<0.50	<0.50
			03/17/98	21.14	22.85	10.39	<0.50	<0.50
			06/16/98	--	--	--	<0.50	<0.50
			09/22/98	--	--	--	<0.50	0.7
			03/03/99	21.49	22.50	-0.35	<0.50	<0.50
			06/04/99	23.20	20.79	-1.71	--	--
			12/09/99	32.83	11.16	-9.63	--	--
			08/25/00	34.26	9.73	-1.43	<1.0	<1.0
			03/23/01	31.71	14.82	5.09	<1.0	<1.0
			09/21/01	40.08	6.45	-3.28	<0.50	<1.0
			03/20/02	33.72	12.81	6.36	<0.50	<1.0
			09/23/02	40.97	5.56	-7.25	<0.50	<1.0
			03/20/03	33.49	13.04	7.48	<0.50	<1.0
		09/23/03	37.26	9.27	-3.77	<0.50	<1.0	
		46.53	03/09/04	31.39	15.14	5.87	<0.50	<1.0
			09/29/04	39.02	7.51	-7.63	<0.50	<1.0
			05/19/05	30.10	16.43	8.92	<0.50	<1.0
			09/26/05	36.56	9.97	-6.46	--	--
			11/11/05	36.55	9.98	0.01	--	--
			12/15/05	34.92	11.61	1.63	--	--
			03/17/06	27.11	19.42	7.81	<1.0	<1.0
			03/20/06	26.96	19.57	0.15	<0.50	<0.50
			09/18/06	32.20	14.33	-5.24	--	--
			09/29/06	32.51	14.02	-0.31	<0.50	<0.50
			03/30/07	27.79	18.74	4.72	<2.0	<2.0
			03/13/08	30.00	16.53	-2.21	--	--
			03/02/09	34.77	13.41	-3.12	--	--
			03/12/10	37.20	10.98	-2.43	--	--
03/14/11	35.72		12.46	1.48	--	--		
03/22/12	33.92	14.26	1.80	--	--			
03/04/13	36.00	12.18	-2.08	--	--			
03/03/14	41.55	6.63	-5.55	--	--			
03/02/15	43.35	4.83	-1.80	--	--			
03/08/16	46.02	2.16	-2.67	--	--			
DAS-05	35.0 - 50.0	45.97	03/11/96	31.88	14.09	--	<0.50	<0.50

**TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA (PCE AND TCE)
UNION PACIFIC RAILROAD
WYE VOC SITE
DAVIS, CALIFORNIA**

Monitoring Well	Screen Interval (feet bgs)	Top of Casing Elevation (feet)	Date Measured	Depth to Water (feet)	Ground Water Elevation (feet)	Ground Water Elevation Change (feet)	PCE (µg/L)	TCE (µg/L)
DAS-05 (cont.)	35.0 - 50.0	46.46	09/30/96	33.47	12.50	-1.59	--	--
			02/27/97	24.94	21.03	8.53	--	--
			06/30/97	30.69	15.77	-5.26	<1.0	<1.0
			09/16/97	34.42	12.04	-3.73	<0.50	<0.50
			12/16/97	32.89	13.57	1.53	<0.50	<0.50
			03/17/98	22.78	23.68	10.11	<0.50	<0.50
			06/16/98	--	--	--	<0.50	<0.50
			09/22/98	--	--	--	<0.50	<0.50
			03/03/99	22.85	23.61	-0.07	<0.50	<0.50
			06/04/99	24.49	21.97	-1.64	--	--
			12/09/99	34.17	12.29	-9.68	--	--
			08/25/00	35.43	11.03	-1.26	<1.0	<1.0
			03/23/01	31.75	14.54	3.51	<1.0	<1.0
			09/21/01	39.47	6.82	-7.72	<0.50	<1.0
			03/20/02	33.77	12.52	5.70	<0.50	<1.0
		09/23/02	40.20	6.09	-6.43	<0.50	<1.0	
		03/20/03	33.40	12.89	6.80	<0.50	<1.0	
		09/23/03	36.68	9.61	-3.28	<0.50	<1.0	
		03/09/04	31.19	15.10	5.49	<0.50	<1.0	
		09/29/04	38.29	8.00	-7.10	<0.50	<1.0	
		05/19/05	29.80	16.49	8.49	<0.50	<1.0	
		09/26/05	36.11	10.18	-6.31	--	--	
		11/11/05	36.43	9.86	-0.32	<1.0	<1.0	
		12/15/05	34.85	11.44	1.58	--	--	
		03/17/06	27.06	19.23	7.79	<1.0	<1.0	
		03/20/06	26.88	19.41	0.18	--	--	
		09/18/06	31.78	14.51	-4.90	--	--	
		09/29/06	32.03	14.26	-0.25	14	1.2	
		03/30/07	27.55	18.74	4.48	<2.0	<2.0	
		03/13/08	30.10	16.19	-2.55	--	--	
		03/02/09	35.03	12.82	-3.37	--	--	
		03/12/10	37.00	10.85	-1.97	--	--	
		03/14/11	35.51	12.34	1.49	--	--	
03/22/12	33.80	14.05	1.71	--	--			
03/04/13	36.00	11.85	-2.20	--	--			
03/03/14	41.11	6.74	-5.11	--	--			
03/02/15	43.40	4.45	-2.29	--	--			
03/08/16	46.05	1.80	-2.65	--	--			
DAS-06	35.0 - 50.0	41.99	09/21/01	35.11	6.88	--	33	1.96
			9/21/01 (DUP)	--	--	--	32.4	1.52
			12/12/01	34.18	7.81	0.93	27.4	2.75
			12/12/2001 (DUP)	--	--	--	27.5	2.56
			03/20/02	29.51	12.48	4.67	28.3	2.93
			3/20/02 (DUP)	--	--	--	27.1	3.03
			05/17/02	29.90	12.09	-0.39	28.6	2.36
			5/17/02 (DUP)	--	--	--	26.7	2.37
			09/23/02	35.83	6.16	-5.93	23.8	3.71
			9/23/02 (DUP)	--	--	--	21.2	4.47
			03/20/03	28.91	13.08	6.92	25.5	3.21
			3/20/03 (DUP)	--	--	--	28.2	3.44
			09/23/03	32.31	9.68	-3.40	29.3	1.93
			03/09/04	26.68	15.31	5.63	27.5	1.19
			09/29/04	33.87	8.12	-7.19	33	1.82
			05/19/05	25.30	16.69	8.57	33.7	1.41
			5/19/05 (DUP)	--	--	--	26.7	1.35
			09/26/05	31.59	10.40	-6.29	--	--
			11/11/05	31.58	10.41	0.01	24	1.8
			12/15/05	30.29	11.70	1.29	--	--
			03/17/06	22.68	19.31	7.61	20	1.7
			3/17/06 (DUP)	--	--	--	20	1.5
			03/20/06	22.25	19.74	0.43	--	--
			09/18/06	27.27	14.72	-5.02	--	--
			09/29/06	27.53	14.46	-0.26	13	1.2
			9/29/06 (DUP)	--	--	--	13	1.2
			03/30/07	23.04	18.95	4.49	18	<2.0
		03/13/08	25.46	16.53	-2.42	19	0.62	
		3/13/08 (DUP)	--	--	--	19	0.56	
		03/02/09	30.38	13.21	-3.32	6.0	0.4	
		3/2/09 (DUP)	--	--	--	6.0	0.37	
		03/12/10	32.85	10.74	-2.47	5.88	<0.2	
		03/14/11	30.54	13.05	2.31	2.61	<0.2	
03/22/12	29.47	14.12	1.07	1.6	<0.2**			
03/04/13	31.55	11.95	-2.17	4.2	0.22J**			
03/03/14	36.57	7.02	-4.93	2.3	0.20 J**			
03/02/15	38.80	4.79	-2.23	3.1	<0.50			
03/08/16	41.53	2.06	-2.73	3.4	0.35			
DAS-07	64.0 - 79.0	41.90	05/15/03	28.03	13.87	--	9.47	<1.0
			09/23/03	32.53	9.37	-4.50	10.2	<1.0
			9/23/03 (DUP)	--	--	--	10.5	<1.0

TABLE 3
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA (PCE AND TCE)
 UNION PACIFIC RAILROAD
 WYE VOC SITE
 DAVIS, CALIFORNIA

Monitoring Well	Screen Interval (feet bgs)	Top of Casing Elevation (feet)	Date Measured	Depth to Water (feet)	Ground Water Elevation (feet)	Ground Water Elevation Change (feet)	PCE (µg/L)	TCE (µg/L)
DAS-07 (cont.)	64.0-79.0	41.90	03/09/04	26.64	15.26	5.89	14.0	<1.0
			3/9/04 (DUP)	--	--	--	12.4	1.01
			09/29/04	34.16	7.74	-7.52	12.9	<1.0
			9/29/04 (DUP)	--	--	--	13.7	<1.0
		05/19/05	26.00	15.90	8.16	16	<1.0	
		09/26/05	31.96	9.94	-5.96	--	--	
		11/11/05	31.60	10.30	0.36	11	<1.0	
		12/15/05	30.27	11.63	1.33	--	--	
		03/17/06	22.39	19.51	7.88	14	1.1	
		03/20/06	22.19	19.71	0.20	--	--	
		09/18/06	27.67	14.23	-5.48	--	--	
		09/29/06	27.90	14.00	-0.23	6.0	0.72	
		03/30/07	23.16	18.74	4.74	10	<2.0	
		03/13/08	25.44	16.46	-2.28	5.80	0.46	
		03/02/09	30.54	12.96	-3.50	7.10	0.58	
		03/12/10	32.68	10.82	-2.14	1.67	<0.2	
		03/14/11	29.95	13.55	2.73	<0.2	<0.2	
		03/22/12	29.29	14.21	0.66	0.53	<0.2**	
		03/04/13	31.55	11.95	-2.26	5.2	0.48 J**	
		03/03/14	36.55	7.95	-4.00	3.2	0.35 J**	
03/02/15	38.80	4.70	-3.25	1.5	<0.50			
03/08/16	41.44	2.06	-2.64	3.5	0.36			

Notes:

bgs = Below ground surface

-- = Not applicable or not analyzed

µg/L = micrograms per liter

< = less than the indicated laboratory reporting limit

TCE = Trichloroethene

PCE = Tetrachloroethene

DUP = duplicate sample

** = Method Detection Limit used in lieu of Reporting Limit

TABLE 4
HISTORICAL GROUNDWATER FLOW DIRECTION AND GRADIENT DATA
UNION PACIFIC RAILROAD
WYE VOC SITE
DAVIS, CALIFORNIA

Facility Number	Monitoring Date	Groundwater Gradient (feet per foot)	Groundwater Flow Direction																
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
1320	8/24-25/2000	0.003	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
	3/23/2001	0.001	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
	9/21/2001	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	12/17/2001	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	03/20/02	0.002	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
	06/22/02	0.0008	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
	9/23/2002	0.004	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
	12/13/2002	0.001	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9/23/2003	0.0031	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
	3/9/2004	0.0013	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
	9/29/2004	0.001	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
	5/19/2005	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11/11/2005	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3/17/2006	NA	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	
	9/9/2006	NA	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
	3/30/2007	NA	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
	3/13/2008	NA	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	
	3/2/2009	0.001	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	
	3/12/2010	0.001 -0.002	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	
	3/14/2011	0.002	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	
	3/22/2012	0.003	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
	3/4/2013	0.003	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
	3/3/2014	0.003-0.004	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	
3/2/2015	0.001	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
3/8/2016	0.001	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
Average =		0.002	1	0	5	0	5	0	8	3	4	2	5	1	0	1	0	0	

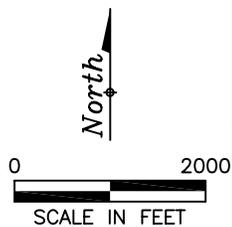
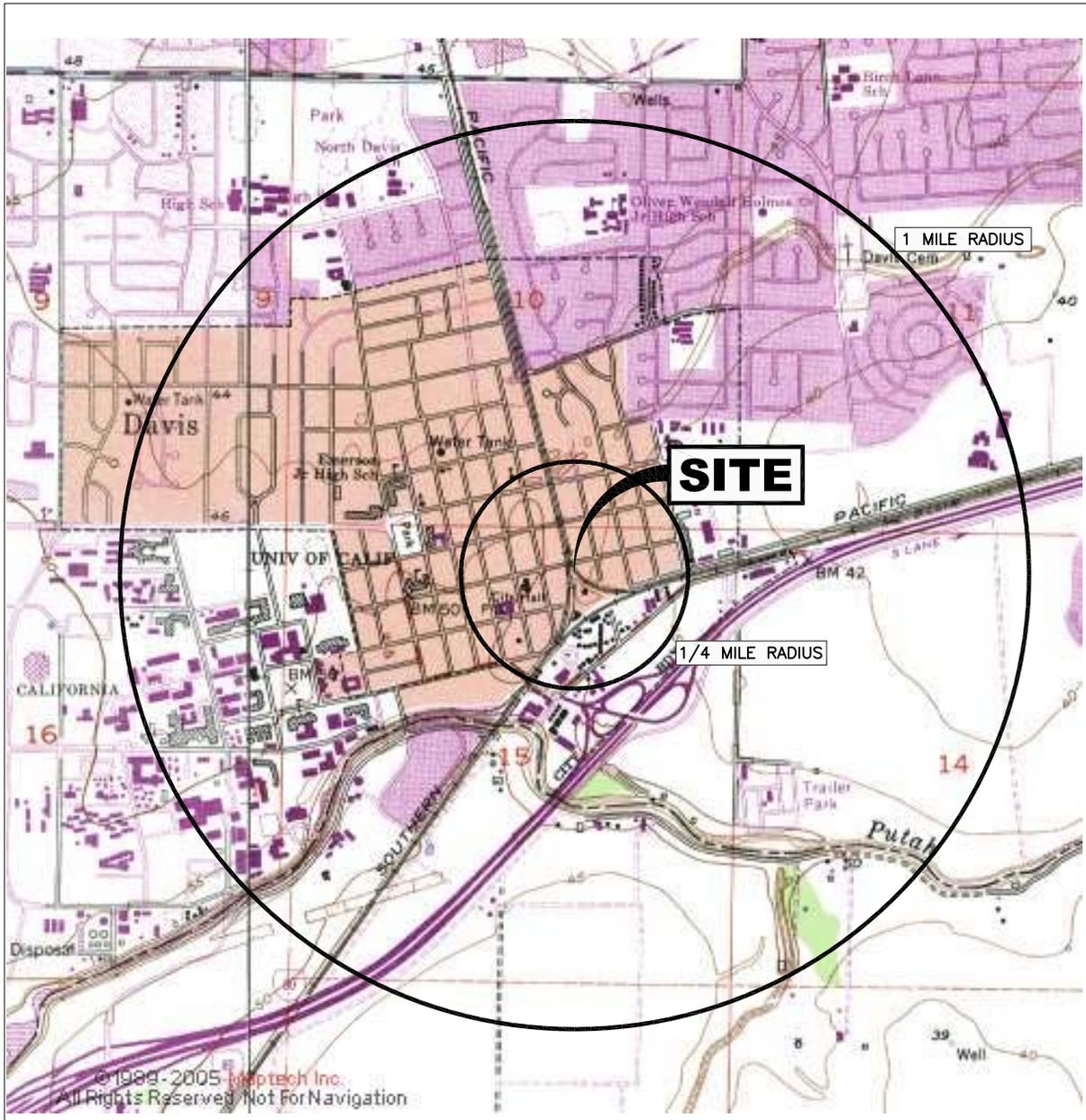
Explanation

NA = Not available

Number of Events = 23

Figures

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Groundwater Elevation Contour Map – March 8, 2016
Figure 4	Groundwater Concentration Map – March 8, 2016
Figure 5	Historical Groundwater Flow Direction (Rose) Diagram
Figure 6	Site Plan- Utility Map
Figure 7	Extended Site Plan- Utility Map

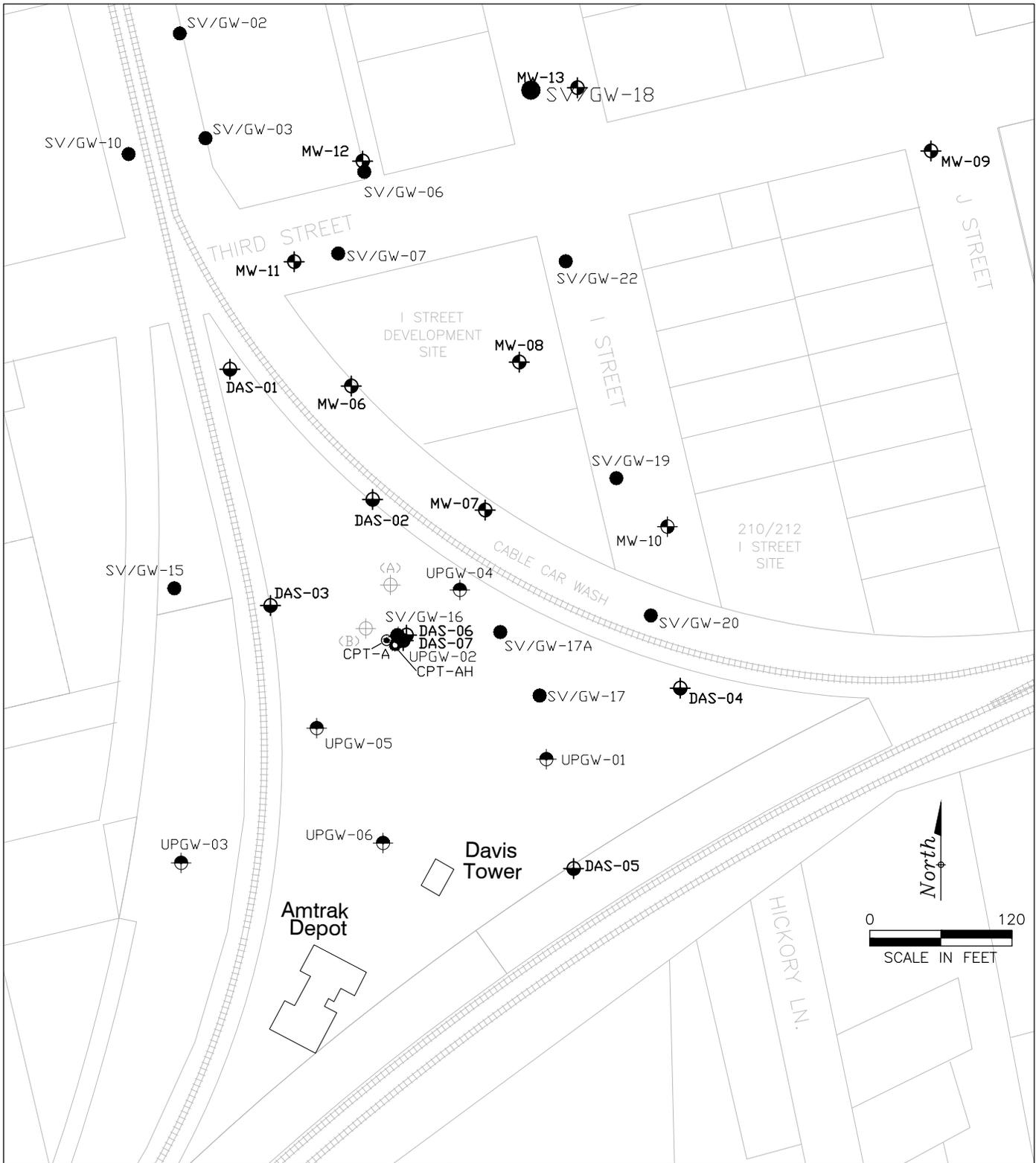


DAVIS QUADRANGLE (1975)
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

FIGURE 1
SITE LOCATION MAP
DAVIS WYE TRACK SITE
DAVIS, CALIFORNIA

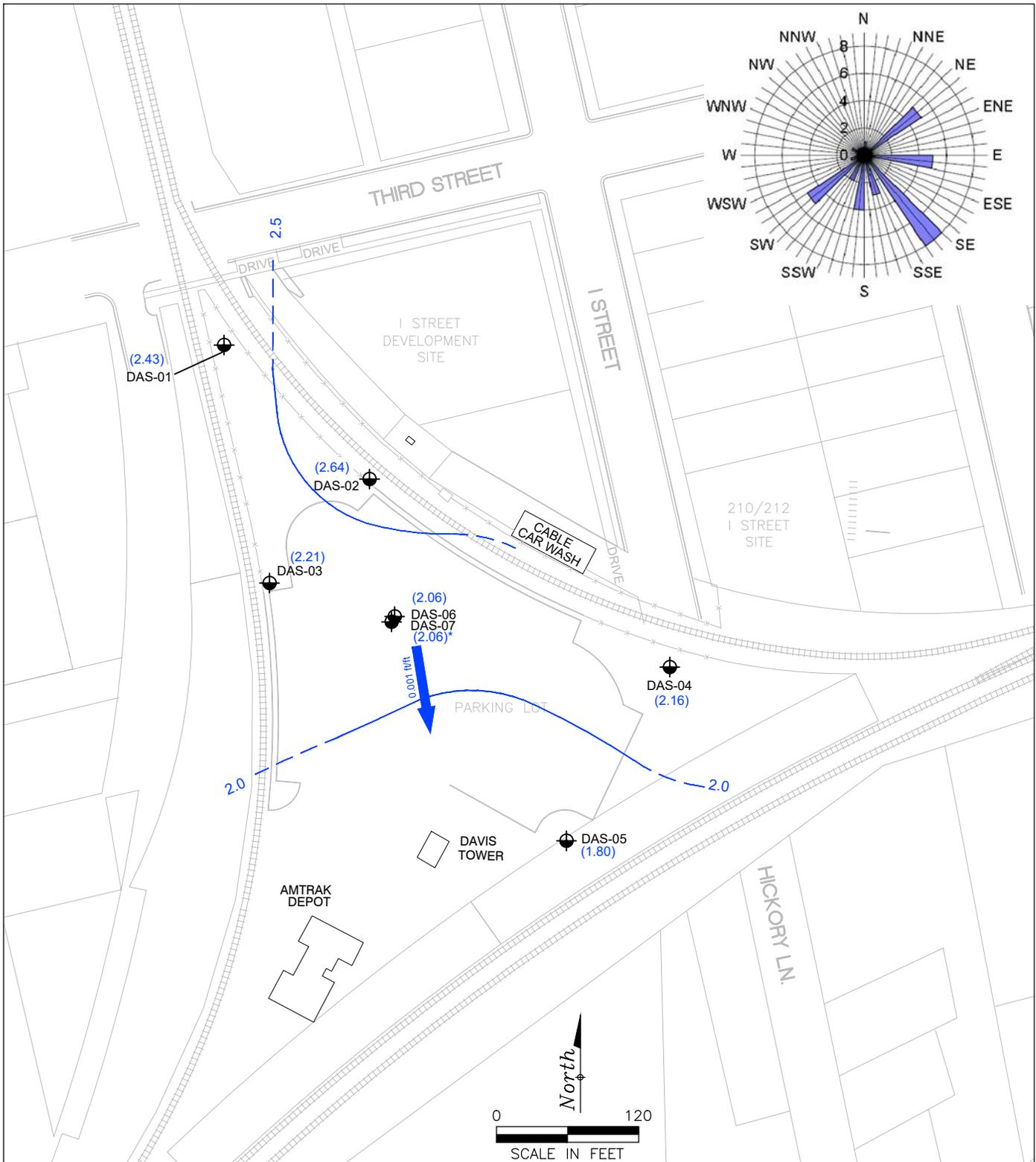
PROJECT NO. UPR8209CA1	PREPARED BY SM	DRAWN BY JH
DATE 04/20/11	REVIEWED BY LH	FILE NAME UPR8209CA





LEGEND	
DAS-1	MONITORING WELL, UNION PACIFIC
MW-7	MONITORING WELL, NON-UNION PACIFIC
UPGW-04	DECEMBER 1999, UNION PACIFIC SOIL BORING LOCATION
SV/GW-22	GROUNDWATER SAMPLING LOCATION, NON-UNION PACIFIC BORING
(A)	MUNICIPAL WELL, ABANDONED
CPT-A	CPT BORING
CPT-AH	HYDROPUNCH BORING

FIGURE 2 SITE PLAN DAVIS WYE TRACK SITE DAVIS, CALIFORNIA		
PROJECT NO. UPR8209	PREPARED BY NP	DRAWN BY JH
DATE 5/7/12	REVIEWED BY LH	FILE NAME UPR8209CA
		



LEGEND

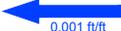
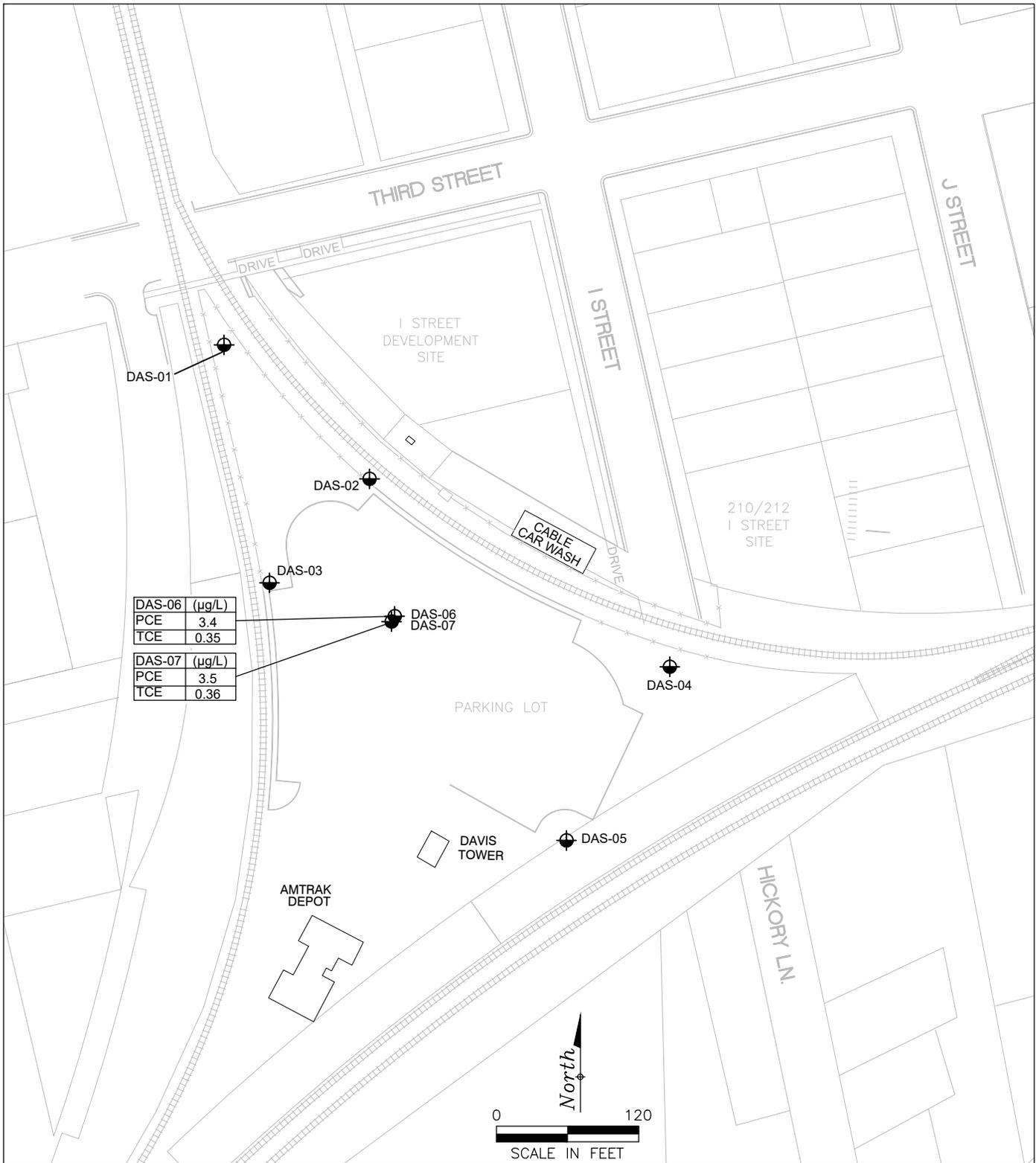
- DAS-1  MONITORING WELL, UNION PACIFIC
- (2.06) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (ft/msl)
- 2.0  GROUNDWATER ELEVATION CONTOUR (ft/msl)
-DASHED WHERE INFERRED
CONTOUR INTERVAL = 0.5 ft
- * GROUNDWATER ELEVATION NOT INCLUDED IN CONTOUR INTERPRETATION. WELL SCREENED AT DEEPER WATER BEARING ZONE.
-  0.001 ft/ft GENERAL GROUNDWATER FLOW DIRECTION AND APPROXIMATE RANGE OF HYDAULIC GRADIENT

FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP
MARCH 8, 2016
DAVIS WYE TRACK SITE

DAVIS, CALIFORNIA

PROJECT NO. UPR8209	PREPARED BY AD	DRAWN BY JH
DATE 5/13/16	REVIEWED BY TB	FILE NAME UPR8209_S





LEGEND

DAS-1 MONITORING WELL, UNION PACIFIC

NOTES:

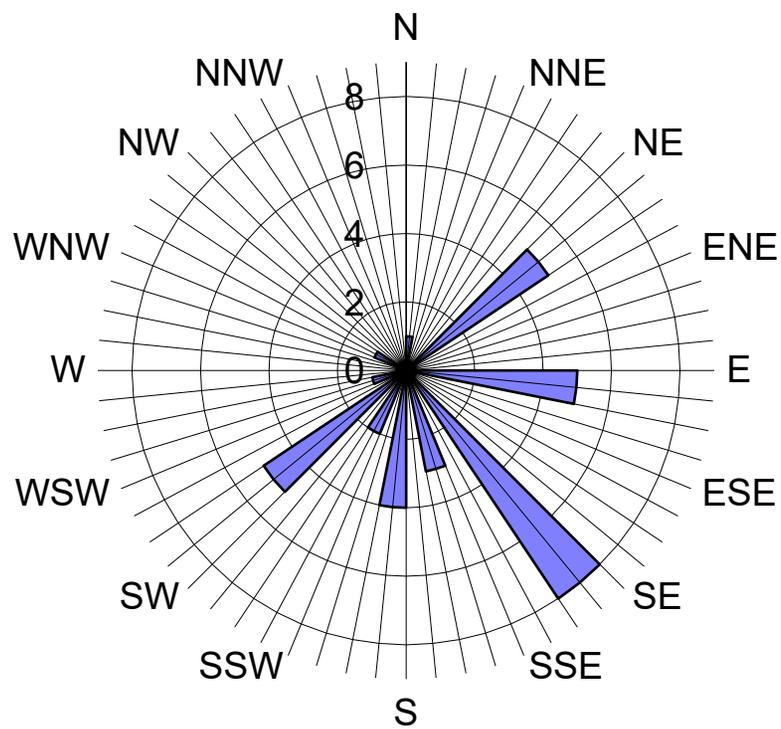
µg/L = MICROGRAMS PER LITER
PCE = TETRACHLOROETHENE
TCE = TRICHLOROETHYLENE

FIGURE 4
GROUNDWATER CONCENTRATION MAP
MARCH 8, 2016
DAVIS WYE TRACK SITE
DAVIS, CALIFORNIA

PROJECT NO. UPR8209	PREPARED BY AD	DRAWN BY JH
DATE 5/13/16	REVIEWED BY TB	FILE NAME UPR8209_S



FIGURE 5
HISTORICAL GROUNDWATER FLOW DIRECTION (ROSE) DIAGRAM
 UNION PACIFIC RAILROAD
 WYE VOC SITE
 DAVIS, CALIFORNIA



■ Groundwater Flow Direction

Legend
 Concentric circles represent monitoring events from August 2000 through March 2016

35 data points shown



LEGEND

- DAS-1 MONITORING WELL, UNION PACIFIC
- MW-7 MONITORING WELL, NON-UNION PACIFIC
- UPGW-04 DECEMBER 1999, UNION PACIFIC SOIL BORING LOCATION
- SV/GW-22 GROUNDWATER SAMPLING LOCATION, NON-UNION PACIFIC BORING
- (A) MUNICIPAL WELL, ABANDONED
- CPT-A CPT BORING
- CPT-AH HYDROPUNCH BORING
- VP-9 KENNEDY-JENKS VAPOR POINT (1995)
- SV-1S/1D VAPOR WELL LOCATION (2013)

FIGURE 6
SITE PLAN – UTILITY MAP

DAVIS WYE TRACK SITE

DAVIS, CALIFORNIA

PROJECT NO. UPR8209	PREPARED BY TB	DRAWN BY JH
DATE 6/15/16	REVIEWED BY LH	FILE NAME UPR8209_S





- LEGEND**
- DAS-1 MONITORING WELL, UNION PACIFIC
 - MW-7 MONITORING WELL, NON-UNION PACIFIC
 - SV-1S/1D VAPOR WELL LOCATION (2013)
 - W UNDERGROUND WATER LINE
 - ST UNDERGROUND STORM SEWER LINE
 - SS UNDERGROUND SANITARY SEWER LINE

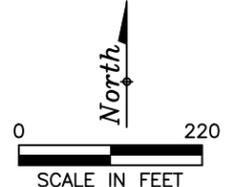


FIGURE 7
EXTENDED SITE PLAN-UTILITY MAP
DAVIS WYE TRACK SITE
DAVIS, CALIFORNIA

PROJECT NO. UPR8209	PREPARED BY TB	DRAWN BY JH	
DATE 6/15/16	REVIEWED BY LH	FILE NAME UPR8209_S	



Appendix A

Blaine Tech Services Standard Operating Procedures

BLAINE TECH SERVICES, INC. METHODS AND PROCEDURES FOR THE ROUTINE MONITORING OF GROUNDWATER WELLS

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for DELTA comply with safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40 hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any DELTA COP/ELT site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic sounders which are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing free product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less

than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewateres and does not recharge.

Wells known to dewater are evacuated as early as possible during each site visit in order to allow for the greatest amount of recovering. Any well that does not recharge to 80% of its original volume will be sampled prior to the departure of our personnel from the site in order to eliminate the need of a return visit.

In jurisdictions where a certain percentage of recovery is included in the local completion standard, our personnel follow the regulatory expectation.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non hazardous purgewater is transported under standard Bill of Lading or Non-Hazardous manifest to a Blaine Tech Services, Inc. facility before being transported to an approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory which will analyze the samples. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Upon request, a Trip Blank is carried to each site and is kept inside the cooler for the duration of the sampling event. It is turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Upon request, one Duplicate sample is collected at each site. It is up to the Field Technician to choose the well at which the Duplicate is collected. Typically, a duplicate is collected from one of the most contaminated wells. The Duplicate sample is labeled DUP thus rendering the sample blind.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the analytical laboratory that will perform the intended analytical procedures. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

Each and every sample container has a label affixed to it. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time at which the sample was collected and the initials of the person collecting the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer which is then operated with high quality deionized water which is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps

and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, sounder etc.) that cannot be washed using the hot high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

EXAMPLE: The sounder is cleaned between wells using the non-phosphate soap and deionized water solution followed by deionized water rinses. The sounder is then washed with the steam cleaner between sites or as necessitated by use in a particularly contaminated well.

DISSOLVED OXYGEN READINGS

All Dissolved Oxygen readings are taken using YSI meters (e.g. YSI Model 550 meter). These meters are equipped with membrane probe that enables them to collect accurate in-situ readings.

The probe and reel is decontaminated between wells as described above. The meter is calibrated as per the instructions in the operating manual. The probe is lowered into the water column allowed to stabilize before use.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual. In use the probe is placed in a cup of freshly obtained monitoring well water and allowed to stabilize.

Blaine Tech Services, Inc.
Standard Operating Procedure

Purge Water Handling Procedure

Purpose

Control of non-hazardous purge water disposal. This procedure outlines the handling and disposing of non-hazardous purge water for the DELTA/COP portfolio.

Procedure

- 1) All purge and rinsate water will be contained in onboard truck tanks or trailers. Water may be commingled with other sites in the same portfolio of DELTA/COP sites.
- 2) A Non-Hazardous Waste manifest will be generated prior to leaving site.
- 3) All water will be offloaded into a commingled DELTA/COP tank at BLAINE facility.
- 4) Water will then be offloaded from the DELTA/COP tank and the BLAINE facility and transported to a disposal facility.

For Southern California sites water will be disposed at Crosby and Overton in Wilmington, CA.
For Northern California water will be disposed at Seaport Environmental in Redwood City, CA.

Example Manifest:

NON-HAZARDOUS WASTE MANIFEST

Form designed by LabelMaster (see the VSI Terms Agreement)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Number		2. Page # of	
3. Generator's Name and Mailing Address							
4. Generator's Phone ()							
5. Transporter 1 Company Name		6. US EPA ID Number		A. State Transporter ID			
7. Transporter 2 Company Name		8. US EPA ID Number		B. State Transporter ID			
9. Disposal Facility Name and Site Address				10. US EPA ID Number		C. State Facility ID	
						D. Facility's Phone	
11. WASTE DESCRIPTION				12. Containers		13. U.S. EPA WULFG	
				No. Type		Qty. Vol./Gals.	
a.							
b.							
c.							
d.							
14. Applicable Descriptions for Materials Listed Above				15. Handling Codes for Wastes Listed Above			
16. Special Handling Instructions and Additional Information							
17. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this document are true and accurately describe the site in all respects pertinent to this manifest. The manifest prepared on this manifest may be subject to federal hazardous waste regulations.							
Person's Typed Name				Signature		Date	
17. Transporter 1 Acknowledgment of Receipt of Manifest						Date	
Person's Typed Name				Signature		Month Day Year	
18. Transporter 2 Acknowledgment of Receipt of Manifest						Date	
Person's Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Person's Typed Name				Signature		Date	
						Month Day Year	

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MANIFEST DEVELOPMENT UNIVERSITY

Rev. 3/05



Appendix B

Blaine Tech Services Field Data Sheets

WELL GAUGING DATA

Project # 160308-RH1 Date 3/8/16 Client ANTEA

Site UPRR Davis WYE

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
DAS-01	2	1130					45.09	49.16	
DAS-02	2	1135				44.68	48.60		
DAS-03	2	1139				45.30	47.78		
DAS-04	2	1147				46.02	52.63		
DAS-05	2	1151				46.05	49.24		
DAS-06	2	1157				41.53	49.71		
DAS-07	2	1200				41.44	79.28		

Groundwater Sampling Form

EPIC Site Name: Davis, Wye	Site ID: 1320
Sample ID: WG-1320- DAS06-(03/08/16)	Sample Date: (mm/dd/yy) 03/08/16
Sampler Name: R. Huerta	Sample Time (hhmm): 1240
Laboratory (Location): PACE Analytical (Davis Lab)	Sample Type: (Matrix/grab or composite?) <u>WG/GRAB</u>

State-Specific Well ID: DAS-06

Name of Duplicate Sample: _____ MS/MSD collected (yes/no)?: NO

Purging Equipment: 2" Disposable bailer Submersible pump
 Peristaltic Pump Dedicated bailer
 4" PVC bailer Centrifugal pump

Sampled with: Disposable bailer Teflon bailer

Disposable Tubing Dedicated Equip.

Well Diameter: 2" 4" _____ 6" _____ 8" _____
 Purge Vol. Multiplier: 0.16 0.65 1.47 2.61
 (gal./ft.)

Start purge: 1215 Depth to Water When Sampled: 42.87

Record the measurement and applicable unit associated with each field parameter on the below table: Stabilization within EPA low-flow standards

Time	pH	Temp Unit: °F	Cond. Unit: µS	Turbidity Unit: NTU	ORP Unit: mV	DO Unit:	Volume Unit: G.
1217	6.58	65.6	2306	852	149		0.75
1221	6.86	66.8	2273	7100	102		1.5
1225	6.95	66.6	2266	7100	84		2.25
1229	6.99	66.4	2265	7100	79		3.00
1234	6.99	66.5	2265	7100	75		3.50
1238	7.01	66.4	2263	7100	74		4.00

Lock Present (yes/no)?: YES

Fixtures Replaced: _____

Weather Conditions/Ambient Temperature: overcast 55°F

Comments: DW = 41.53 TD = 49.71 = 1.3 g cage volume
80% = 43.16

Signature of Sampler: R. Huerta

Page 1 of 1

Groundwater Sampling Form

EPIC Site Name: Davis, Wye	Site ID: 1320
Sample ID: WG-1320- DAS 07 - (03/08/16)	Sample Date: (mm/dd/yy) 03/08/16
Sampler Name: R. Huerta	Sample Time (hhmm): 1340
Laboratory (Location): PACE Analytical (Davis Lab)	Sample Type: <u>WG/GRAB</u> (Matrix/grab or composite?)

State-Specific Well ID: DAS-07

Name of Duplicate Sample: _____ MS/MSD collected (yes/no)?: NO

Purging Equipment: _____ 2" Disposable bailer _____ Submersible pump
 _____ Peristaltic Pump _____ Dedicated bailer
 _____ 4" PVC bailer _____ Centrifugal pump

Sampled with: Disposable bailer Teflon bailer _____

Disposable Tubing _____ Dedicated Equip. _____

Well Diameter: 2" 4" _____ 6" _____ 8" _____
 Purge Vol. Multiplier: 0.16 0.65 1.47 2.61
 (gal/ft.)

Start purge: 1315 Depth to Water When Sampled: 42.20

Record the measurement and applicable unit associated with each field parameter on the below table: Stabilization within EPA low-flow standards

Time	pH	Temp Unit: °F	Cond. Unit: µS	Turbidity Unit: NTU	ORP Unit: mV	DO Unit:	Volume Unit: G
1317	7.32	66.8	2187	372	98		3
1320	7.23	67.3	2179	352	90		6
1323	7.24	67.7	2177	287	77		9
1326	7.23	67.6	2181	195	72		12
1330	7.24	67.6	2179	190	70		15
1333	7.24	67.6	2177	187	69		18

Lock Present (yes/no)?: yes

Fixtures Replaced: _____

Weather Conditions/Ambient Temperature: Overcast 55°F

Comments: DW=41.44' TD=79.28' 6g. case volume
80% = 49.00'

Signature of Sampler: Rodolfo



PACE Analytical- Davis

Client Name/Address: Antea Group/UPRR 1155 N. First Street, Suite 201 San Jose, CA 95112		Project / PO Number: Davis, CA - Wye VOCs PEDD_1320-18-Rev1											
Project Manager/Phone Number: Lia Holden / 408-606-4919		Phone Number:		VOCs (Method 8260)									
Sampler: Blaine Tech Services <i>Rodolfo Huerta</i>		Fax Number:											
Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation								Special Instructions
WG-1320-DAS06- (03/08/16)	WG	VOA	4	3/8/16 1240	HCl	X							Use Lab Provided MS/MSD in Report
WG-1320-DAS07- (03/08/16)	WG	VOA	4	3/8/16 1340	HCl	X							
TB-1320-TB- (03/08/16)	WG	VOA	(2) → 2	3/8/16 1000	HCl	X							
												REPORTING LIMIT FOR TCE AND PCE MUST BE 0.2 ug/L FOR ALL SAMPLES	
Relinquished By: <i>Rodolfo</i> Date/Time: 3/8/16 @ 1400				Received by: <i>EMJ</i> Date/Time: <i>PACE Analytical</i>				Turnaround Time: (check) Same Day _____ 72 Hours _____ 24 Hours _____ 5 days _____ 48 hours _____ normal <input checked="" type="checkbox"/>					
Relinquished By: Date/Time:				Received by: Date/Time:				Sample Integrity: (Check) Intact _____ On Ice: _____ Custody _____					

001
002
003

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

WELLHEAD INSPECTION CHECKLIST

Client ANTEA Date 3/8/16

Site Address UPRR DAVIS WYE

Job Number 160308-RH1 Technician R. Huerta

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
DAS-01						X		
DAS-02	X							
DAS-03						X		
DAS-04						X		
DAS-05						X		
DAS-06						X		
DAS-07	X							

NOTES: DAS-01 1/2 tubs stripped

DAS-03 1/2 tubs stripped

DAS-04 No lid on well

DAS-05 1/2 tubs stripped

DAS-06 1/2 tubs Broken

SPH or Purge Water Drum Log

Client: ANTEA
 Site Address: Davis ~~Dr~~ UPRR WYE Track

STATUS OF DRUM(S) UPON ARRIVAL						
Date	3/8/16					
Number of drum(s) empty:						
Number of drum(s) 1/4 full:						
Number of drum(s) 1/2 full:	1					
Number of drum(s) 3/4 full:						
Number of drum(s) full:						
Total drum(s) on site:	1					
Are the drum(s) properly labeled?	missing label					
Drum ID & Contents:	I					
If any drum(s) are partially or totally filled, what is the first use date:						

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.
- If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.
- All BTS drums MUST be labeled appropriately.

STATUS OF DRUM(S) UPON DEPARTURE						
Date	3/8/16					
Number of drums empty:						
Number of drum(s) 1/4 full:						
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:	1					
Number of drum(s) full:						
Total drum(s) on site:	1					
Are the drum(s) properly labeled?	yes					
Drum ID & Contents:	NON HAZ Purge water					

LOCATION OF DRUM(S)
Describe location of drum(s): <u>Northern Curb of Parking Lot. (In Dirt)</u>

FINAL STATUS						
Number of new drum(s) left on site this event	0					
Date of inspection:	3/8/16					
Drum(s) labelled properly:	yes					
Logged by BTS Field Tech:	RH					
Office reviewed by:	BW					



Appendix C

Laboratory Analytical Report and Validation Memo

March 17, 2016

Lia Holden
Antea Group
1155 North 1st Street
Suite 201
San Jose, CA 95112

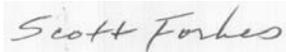
RE: Project: Davis, CA - Wye VOCs
Pace Project No.: 1262258

Dear Lia Holden:

Enclosed are the analytical results for sample(s) received by the laboratory on March 08, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Scott M Forbes
scott.forbes@pacelabs.com
Project Manager

Enclosures

cc: Tara Bosch, Antea Group
Lauren Mancuso, UPRR
uprr-sysdat@ghd.com, UPRR



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Davis, CA - Wye VOCs
Pace Project No.: 1262258

Davis Certification IDs

2795 Second Street Suite 300 Davis, CA 95618
North Dakota Certification #: R-214
Oregon Certification #: CA300002

Washington Certification #: C926-15a
California Certification #: 08263CA

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SAMPLE SUMMARY

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1262258001	WG-1320-DAS06-(03/08/16)	Water	03/08/16 12:40	03/08/16 14:00
1262258002	WG-1320-DAS07-(03/08/16)	Water	03/08/16 13:40	03/08/16 14:00
1262258003	WG-1320-TB-(03/08/16)	Water	03/08/16 10:00	03/08/16 14:00

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SAMPLE ANALYTE COUNT

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
1262258001	WG-1320-DAS06-(03/08/16)	EPA 8260B	LM	62	PASI-DAV
1262258002	WG-1320-DAS07-(03/08/16)	EPA 8260B	LM	62	PASI-DAV
1262258003	WG-1320-TB-(03/08/16)	EPA 8260B	LM	62	PASI-DAV

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SUMMARY OF DETECTION

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1262258001	WG-1320-DAS06-(03/08/16)					
EPA 8260B	Tetrachloroethene	3.4	ug/L	0.20	03/11/16 13:51	
EPA 8260B	Trichloroethene	0.35	ug/L	0.20	03/11/16 13:51	
1262258002	WG-1320-DAS07-(03/08/16)					
EPA 8260B	Tetrachloroethene	3.5	ug/L	0.20	03/11/16 14:22	
EPA 8260B	Trichloroethene	0.36	ug/L	0.20	03/11/16 14:22	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Method: EPA 8260B

Description: 8260 MSV Low Water

Client: UPRR_Antea Group

Date: March 17, 2016

General Information:

3 samples were analyzed for EPA 8260B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Sample: WG-1320-DAS06-(03/08/16)	Lab ID: 1262258001	Collected: 03/08/16 12:40	Received: 03/08/16 14:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Water		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/11/16 13:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		03/11/16 13:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		03/11/16 13:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/11/16 13:51	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/11/16 13:51	75-25-2	
Bromomethane	ND	ug/L	2.5	1		03/11/16 13:51	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		03/11/16 13:51	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		03/11/16 13:51	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		03/11/16 13:51	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		03/11/16 13:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		03/11/16 13:51	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/11/16 13:51	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/11/16 13:51	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/11/16 13:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		03/11/16 13:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		03/11/16 13:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/11/16 13:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/11/16 13:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/11/16 13:51	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/11/16 13:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		03/11/16 13:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		03/11/16 13:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		03/11/16 13:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/11/16 13:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		03/11/16 13:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		03/11/16 13:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/11/16 13:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		03/11/16 13:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/11/16 13:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/11/16 13:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		03/11/16 13:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		03/11/16 13:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		03/11/16 13:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/11/16 13:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/11/16 13:51	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		03/11/16 13:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/11/16 13:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/11/16 13:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		03/11/16 13:51	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		03/11/16 13:51	75-09-2	
Naphthalene	ND	ug/L	1.0	1		03/11/16 13:51	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		03/11/16 13:51	103-65-1	
Styrene	ND	ug/L	1.0	1		03/11/16 13:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/11/16 13:51	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		03/11/16 13:51	79-34-5	
Tetrachloroethene	3.4	ug/L	0.20	1		03/11/16 13:51	127-18-4	
Toluene	ND	ug/L	1.0	1		03/11/16 13:51	108-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Sample: WG-1320-DAS06-(03/08/16)	Lab ID: 1262258001	Collected: 03/08/16 12:40	Received: 03/08/16 14:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Water		Analytical Method: EPA 8260B						
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		03/11/16 13:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		03/11/16 13:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/11/16 13:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/11/16 13:51	79-00-5	
Trichloroethene	0.35	ug/L	0.20	1		03/11/16 13:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/11/16 13:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/11/16 13:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/11/16 13:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/11/16 13:51	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		03/11/16 13:51	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		03/11/16 13:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/11/16 13:51	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	134	%	75-136	1		03/11/16 13:51	17060-07-0	
Toluene-d8 (S)	107	%	75-125	1		03/11/16 13:51	2037-26-5	
4-Bromofluorobenzene (S)	91	%	66-125	1		03/11/16 13:51	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Sample: WG-1320-DAS07-(03/08/16) Lab ID: 1262258002 Collected: 03/08/16 13:40 Received: 03/08/16 14:00 Matrix: Water								
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Water		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/11/16 14:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		03/11/16 14:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		03/11/16 14:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/11/16 14:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/11/16 14:22	75-25-2	
Bromomethane	ND	ug/L	2.5	1		03/11/16 14:22	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		03/11/16 14:22	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		03/11/16 14:22	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		03/11/16 14:22	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		03/11/16 14:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		03/11/16 14:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/11/16 14:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/11/16 14:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/11/16 14:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		03/11/16 14:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		03/11/16 14:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/11/16 14:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/11/16 14:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/11/16 14:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/11/16 14:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		03/11/16 14:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		03/11/16 14:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		03/11/16 14:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/11/16 14:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		03/11/16 14:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		03/11/16 14:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/11/16 14:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		03/11/16 14:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/11/16 14:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/11/16 14:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		03/11/16 14:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		03/11/16 14:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		03/11/16 14:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/11/16 14:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/11/16 14:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		03/11/16 14:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/11/16 14:22	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/11/16 14:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		03/11/16 14:22	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		03/11/16 14:22	75-09-2	
Naphthalene	ND	ug/L	1.0	1		03/11/16 14:22	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		03/11/16 14:22	103-65-1	
Styrene	ND	ug/L	1.0	1		03/11/16 14:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/11/16 14:22	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		03/11/16 14:22	79-34-5	
Tetrachloroethene	3.5	ug/L	0.20	1		03/11/16 14:22	127-18-4	
Toluene	ND	ug/L	1.0	1		03/11/16 14:22	108-88-3	

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ANALYTICAL RESULTS

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Sample: WG-1320-DAS07-(03/08/16) **Lab ID: 1262258002** Collected: 03/08/16 13:40 Received: 03/08/16 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Water		Analytical Method: EPA 8260B						
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		03/11/16 14:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		03/11/16 14:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/11/16 14:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/11/16 14:22	79-00-5	
Trichloroethene	0.36	ug/L	0.20	1		03/11/16 14:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/11/16 14:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/11/16 14:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/11/16 14:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/11/16 14:22	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		03/11/16 14:22	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		03/11/16 14:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/11/16 14:22	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	134	%	75-136	1		03/11/16 14:22	17060-07-0	
Toluene-d8 (S)	107	%	75-125	1		03/11/16 14:22	2037-26-5	
4-Bromofluorobenzene (S)	91	%	66-125	1		03/11/16 14:22	460-00-4	

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ANALYTICAL RESULTS

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Sample: WG-1320-TB-(03/08/16)	Lab ID: 1262258003	Collected: 03/08/16 10:00	Received: 03/08/16 14:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Water		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/11/16 12:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		03/11/16 12:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		03/11/16 12:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/11/16 12:51	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/11/16 12:51	75-25-2	
Bromomethane	ND	ug/L	2.5	1		03/11/16 12:51	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		03/11/16 12:51	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		03/11/16 12:51	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		03/11/16 12:51	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		03/11/16 12:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		03/11/16 12:51	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/11/16 12:51	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/11/16 12:51	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/11/16 12:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		03/11/16 12:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		03/11/16 12:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/11/16 12:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/11/16 12:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/11/16 12:51	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/11/16 12:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		03/11/16 12:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		03/11/16 12:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		03/11/16 12:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/11/16 12:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		03/11/16 12:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		03/11/16 12:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/11/16 12:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		03/11/16 12:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/11/16 12:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/11/16 12:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		03/11/16 12:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		03/11/16 12:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		03/11/16 12:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/11/16 12:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/11/16 12:51	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		03/11/16 12:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/11/16 12:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/11/16 12:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		03/11/16 12:51	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		03/11/16 12:51	75-09-2	
Naphthalene	ND	ug/L	1.0	1		03/11/16 12:51	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		03/11/16 12:51	103-65-1	
Styrene	ND	ug/L	1.0	1		03/11/16 12:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/11/16 12:51	630-20-6	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/11/16 12:51	79-34-5	
Tetrachloroethene	ND	ug/L	0.20	1		03/11/16 12:51	127-18-4	
Toluene	ND	ug/L	1.0	1		03/11/16 12:51	108-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Sample: WG-1320-TB-(03/08/16)		Lab ID: 1262258003		Collected: 03/08/16 10:00		Received: 03/08/16 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Low Water		Analytical Method: EPA 8260B							
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		03/11/16 12:51	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		03/11/16 12:51	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/11/16 12:51	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/11/16 12:51	79-00-5		
Trichloroethene	ND	ug/L	0.20	1		03/11/16 12:51	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/11/16 12:51	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/11/16 12:51	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/11/16 12:51	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/11/16 12:51	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/11/16 12:51	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/11/16 12:51	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/11/16 12:51	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	129	%.	75-136	1		03/11/16 12:51	17060-07-0		
Toluene-d8 (S)	107	%.	75-125	1		03/11/16 12:51	2037-26-5		
4-Bromofluorobenzene (S)	91	%.	66-125	1		03/11/16 12:51	460-00-4		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

QC Batch: DAVM/3269 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV Low Water
Associated Lab Samples: 1262258001, 1262258002, 1262258003

METHOD BLANK: 296150 Matrix: Water

Associated Lab Samples: 1262258001, 1262258002, 1262258003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.10	03/11/16 20:27	
1,1,1-Trichloroethane	ug/L	ND	0.10	03/11/16 20:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.10	03/11/16 20:27	
1,1,2-Trichloroethane	ug/L	ND	0.10	03/11/16 20:27	
1,1-Dichloroethane	ug/L	ND	0.10	03/11/16 20:27	
1,1-Dichloroethene	ug/L	ND	0.10	03/11/16 20:27	
1,1-Dichloropropene	ug/L	ND	0.10	03/11/16 20:27	
1,2,3-Trichlorobenzene	ug/L	ND	0.10	03/11/16 20:27	
1,2,3-Trichloropropane	ug/L	ND	0.10	03/11/16 20:27	
1,2,4-Trichlorobenzene	ug/L	ND	0.10	03/11/16 20:27	
1,2,4-Trimethylbenzene	ug/L	ND	0.10	03/11/16 20:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	0.50	03/11/16 20:27	
1,2-Dibromoethane (EDB)	ug/L	ND	0.10	03/11/16 20:27	
1,2-Dichlorobenzene	ug/L	ND	0.10	03/11/16 20:27	
1,2-Dichloroethane	ug/L	ND	0.10	03/11/16 20:27	
1,2-Dichloropropane	ug/L	ND	0.10	03/11/16 20:27	
1,3,5-Trimethylbenzene	ug/L	ND	0.10	03/11/16 20:27	
1,3-Dichlorobenzene	ug/L	ND	0.10	03/11/16 20:27	
1,3-Dichloropropane	ug/L	ND	0.10	03/11/16 20:27	
1,4-Dichlorobenzene	ug/L	ND	0.10	03/11/16 20:27	
2,2-Dichloropropane	ug/L	ND	0.10	03/11/16 20:27	
2-Chlorotoluene	ug/L	ND	0.10	03/11/16 20:27	
4-Chlorotoluene	ug/L	ND	0.10	03/11/16 20:27	
Benzene	ug/L	ND	0.10	03/11/16 20:27	
Bromobenzene	ug/L	ND	0.10	03/11/16 20:27	
Bromochloromethane	ug/L	ND	0.10	03/11/16 20:27	
Bromodichloromethane	ug/L	ND	0.10	03/11/16 20:27	
Bromoform	ug/L	ND	0.10	03/11/16 20:27	
Bromomethane	ug/L	ND	2.5	03/11/16 20:27	
Carbon tetrachloride	ug/L	ND	0.10	03/11/16 20:27	
Chlorobenzene	ug/L	ND	0.10	03/11/16 20:27	
Chloroethane	ug/L	ND	0.10	03/11/16 20:27	
Chloroform	ug/L	ND	0.10	03/11/16 20:27	
Chloromethane	ug/L	ND	0.50	03/11/16 20:27	
cis-1,2-Dichloroethene	ug/L	ND	0.10	03/11/16 20:27	
cis-1,3-Dichloropropene	ug/L	ND	0.10	03/11/16 20:27	
Dibromochloromethane	ug/L	ND	0.10	03/11/16 20:27	
Dibromomethane	ug/L	ND	0.10	03/11/16 20:27	
Dichlorodifluoromethane	ug/L	ND	0.10	03/11/16 20:27	
Ethylbenzene	ug/L	ND	0.10	03/11/16 20:27	
Hexachloro-1,3-butadiene	ug/L	ND	0.10	03/11/16 20:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

METHOD BLANK: 296150

Matrix: Water

Associated Lab Samples: 1262258001, 1262258002, 1262258003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	ND	0.10	03/11/16 20:27	
m&p-Xylene	ug/L	ND	0.10	03/11/16 20:27	
Methylene Chloride	ug/L	ND	0.50	03/11/16 20:27	
n-Butylbenzene	ug/L	ND	0.10	03/11/16 20:27	
n-Propylbenzene	ug/L	ND	0.10	03/11/16 20:27	
Naphthalene	ug/L	ND	0.50	03/11/16 20:27	
o-Xylene	ug/L	ND	0.10	03/11/16 20:27	
p-Isopropyltoluene	ug/L	ND	0.10	03/11/16 20:27	
sec-Butylbenzene	ug/L	ND	0.10	03/11/16 20:27	
Styrene	ug/L	ND	0.10	03/11/16 20:27	
tert-Butylbenzene	ug/L	ND	0.10	03/11/16 20:27	
Tetrachloroethene	ug/L	ND	0.10	03/11/16 20:27	
Toluene	ug/L	ND	0.10	03/11/16 20:27	
trans-1,2-Dichloroethene	ug/L	ND	0.10	03/11/16 20:27	
trans-1,3-Dichloropropene	ug/L	ND	0.10	03/11/16 20:27	
Trichloroethene	ug/L	ND	0.10	03/11/16 20:27	
Trichlorofluoromethane	ug/L	ND	0.10	03/11/16 20:27	
Vinyl chloride	ug/L	ND	0.10	03/11/16 20:27	
1,2-Dichloroethane-d4 (S)	%	131	75-136	03/11/16 20:27	
4-Bromofluorobenzene (S)	%	88	66-125	03/11/16 20:27	
Toluene-d8 (S)	%	106	75-125	03/11/16 20:27	

LABORATORY CONTROL SAMPLE: 296151

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	2.5	2.5	99	75-133	
1,1,1-Trichloroethane	ug/L	2.5	2.4	95	72-138	
1,1,2,2-Tetrachloroethane	ug/L	2.5	2.5	100	74-129	
1,1,2-Trichloroethane	ug/L	2.5	2.5	98	75-125	
1,1-Dichloroethane	ug/L	2.5	2.4	96	73-130	
1,1-Dichloroethene	ug/L	2.5	2.6	101	70-132	
1,1-Dichloropropene	ug/L	2.5	2.6	102	75-125	
1,2,3-Trichlorobenzene	ug/L	2.5	2.4	93	75-125	
1,2,3-Trichloropropane	ug/L	2.5	2.6	104	74-125	
1,2,4-Trichlorobenzene	ug/L	2.5	2.3	90	73-125	
1,2,4-Trimethylbenzene	ug/L	2.5	2.4	94	75-126	
1,2-Dibromo-3-chloropropane	ug/L	6.3	5.9	93	41-150	
1,2-Dibromoethane (EDB)	ug/L	2.5	2.5	98	75-126	
1,2-Dichlorobenzene	ug/L	2.5	2.4	95	75-125	
1,2-Dichloroethane	ug/L	2.5	2.4	97	75-125	
1,2-Dichloropropane	ug/L	2.5	2.4	95	75-125	
1,3,5-Trimethylbenzene	ug/L	2.5	2.4	94	75-125	
1,3-Dichlorobenzene	ug/L	2.5	2.6	102	75-125	
1,3-Dichloropropane	ug/L	2.5	2.5	101	75-125	

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QUALITY CONTROL DATA

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

LABORATORY CONTROL SAMPLE: 296151

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	2.5	2.5	98	75-125	
2,2-Dichloropropane	ug/L	2.5	2.4	95	30-150	
2-Chlorotoluene	ug/L	2.5	2.4	97	75-125	
4-Chlorotoluene	ug/L	2.5	2.4	97	75-125	
Benzene	ug/L	2.5	2.5	100	75-125	
Bromobenzene	ug/L	2.5	2.5	100	75-125	
Bromochloromethane	ug/L	2.5	2.4	97	72-132	
Bromodichloromethane	ug/L	2.5	2.5	97	74-134	
Bromoform	ug/L	2.5	2.5	99	56-150	
Bromomethane	ug/L	2.5	2.5	99	30-150	
Carbon tetrachloride	ug/L	2.5	2.4	97	62-150	
Chlorobenzene	ug/L	2.5	2.5	99	75-125	
Chloroethane	ug/L	2.5	2.5	100	70-137	
Chloroform	ug/L	2.5	2.4	94	75-125	
Chloromethane	ug/L	2.5	2.2	88	58-138	
cis-1,2-Dichloroethene	ug/L	2.5	2.4	97	75-125	
cis-1,3-Dichloropropene	ug/L	2.5	2.6	102	71-142	
Dibromochloromethane	ug/L	2.5	2.5	100	58-150	
Dibromomethane	ug/L	2.5	2.5	98	75-127	
Dichlorodifluoromethane	ug/L	2.5	2.7	109	52-135	
Ethylbenzene	ug/L	2.5	2.6	101	75-125	
Hexachloro-1,3-butadiene	ug/L	2.5	2.2	87	75-125	
Isopropylbenzene (Cumene)	ug/L	2.5	2.4	94	75-125	
m&p-Xylene	ug/L	5	5.7	112	75-125	
Methylene Chloride	ug/L	2.5	2.6	105	75-125	
n-Butylbenzene	ug/L	2.5	2.6	101	75-125	
n-Propylbenzene	ug/L	2.5	2.4	95	75-125	
Naphthalene	ug/L	2.5	2.4	97	62-127	
o-Xylene	ug/L	2.5	2.7	108	75-125	
p-Isopropyltoluene	ug/L	2.5	2.4	94	75-127	
sec-Butylbenzene	ug/L	2.5	2.5	99	75-126	
Styrene	ug/L	2.5	2.3	92	75-125	
tert-Butylbenzene	ug/L	2.5	2.3	93	75-125	
Tetrachloroethene	ug/L	2.5	2.4	96	75-125	
Toluene	ug/L	2.5	2.5	100	75-125	
trans-1,2-Dichloroethene	ug/L	2.5	2.3	92	75-125	
trans-1,3-Dichloropropene	ug/L	2.5	2.6	104	71-138	
Trichloroethene	ug/L	2.5	2.4	97	75-125	
Trichlorofluoromethane	ug/L	2.5	2.4	94	72-141	
Vinyl chloride	ug/L	2.5	2.4	96	61-130	
1,2-Dichloroethane-d4 (S)	%			95	75-136	
4-Bromofluorobenzene (S)	%			106	66-125	
Toluene-d8 (S)	%			102	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		296152		296153								
Parameter	Units	1262428001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits			
1,1,1,2-Tetrachloroethane	ug/L	ND	2.5	2.5	2.2	2.2	88	88	72-126	0	30	
1,1,1-Trichloroethane	ug/L	ND	2.5	2.5	2.3	2.3	90	92	72-131	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	2.5	2.5	2.3	2.3	93	93	71-127	0	30	
1,1,2-Trichloroethane	ug/L	ND	2.5	2.5	2.4	2.4	94	95	75-125	1	30	
1,1-Dichloroethane	ug/L	0.042J	2.5	2.5	2.2	2.4	87	93	69-126	6	30	
1,1-Dichloroethene	ug/L	ND	2.5	2.5	2.3	2.4	92	97	63-136	5	30	
1,1-Dichloropropene	ug/L	ND	2.5	2.5	2.3	2.4	90	95	75-125	5	30	
1,2,3-Trichlorobenzene	ug/L	ND	2.5	2.5	1.9	2.0	76	81	71-125	6	30	
1,2,3-Trichloropropane	ug/L	ND	2.5	2.5	2.4	2.4	96	98	72-125	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	2.5	2.5	1.8	1.9	73	78	67-125	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	2.5	2.5	2.0	2.1	79	83	64-137	5	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	6.2	6.2	5.4	5.6	86	89	30-150	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	2.5	2.5	2.3	2.4	91	95	75-125	4	30	
1,2-Dichlorobenzene	ug/L	ND	2.5	2.5	2.1	2.2	84	87	75-125	4	30	
1,2-Dichloroethane	ug/L	ND	2.5	2.5	2.3	2.3	91	93	75-125	2	30	
1,2-Dichloropropane	ug/L	ND	2.5	2.5	2.2	2.3	88	91	75-125	4	30	
1,3,5-Trimethylbenzene	ug/L	ND	2.5	2.5	1.9	2.0	78	82	68-134	5	30	
1,3-Dichlorobenzene	ug/L	ND	2.5	2.5	2.2	2.3	87	91	69-132	4	30	
1,3-Dichloropropane	ug/L	ND	2.5	2.5	2.4	2.5	96	98	75-125	2	30	
1,4-Dichlorobenzene	ug/L	ND	2.5	2.5	2.1	2.2	84	90	75-125	7	30	
2,2-Dichloropropane	ug/L	ND	2.5	2.5	1.9	2.0	77	80	30-150	4	30	
2-Chlorotoluene	ug/L	ND	2.5	2.5	2.0	2.2	82	88	70-131	7	30	
4-Chlorotoluene	ug/L	ND	2.5	2.5	2.1	2.1	83	86	69-133	3	30	
Benzene	ug/L	ND	2.5	2.5	2.3	2.4	91	95	75-125	5	30	
Bromobenzene	ug/L	ND	2.5	2.5	2.2	2.3	90	94	71-128	5	30	
Bromochloromethane	ug/L	ND	2.5	2.5	2.2	2.4	89	94	71-125	5	30	
Bromodichloromethane	ug/L	ND	2.5	2.5	2.3	2.3	91	92	72-133	1	30	
Bromoform	ug/L	ND	2.5	2.5	2.2	2.3	89	91	59-150	2	30	
Bromomethane	ug/L	0.13J	2.5	2.5	2J	2.4J	74	91	30-150		30	
Carbon tetrachloride	ug/L	ND	2.5	2.5	2.2	2.3	88	90	67-141	2	30	
Chlorobenzene	ug/L	ND	2.5	2.5	2.2	2.3	89	91	74-125	2	30	
Chloroethane	ug/L	ND	2.5	2.5	2.3	2.4	92	96	61-150	4	30	
Chloroform	ug/L	ND	2.5	2.5	2.2	2.3	88	93	74-125	5	30	
Chloromethane	ug/L	ND	2.5	2.5	1.9	2.0	77	81	38-150	5	30	
cis-1,2-Dichloroethene	ug/L	0.084J	2.5	2.5	2.3	2.4	88	92	70-125	4	30	
cis-1,3-Dichloropropene	ug/L	ND	2.5	2.5	2.0	2.1	79	83	65-131	6	30	
Dibromochloromethane	ug/L	ND	2.5	2.5	2.3	2.4	93	96	65-148	3	30	
Dibromomethane	ug/L	ND	2.5	2.5	2.3	2.4	92	94	75-125	2	30	
Dichlorodifluoromethane	ug/L	ND	2.5	2.5	2.2	2.3	88	93	30-150	6	30	
Ethylbenzene	ug/L	ND	2.5	2.5	2.2	2.3	87	92	73-125	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	2.5	2.5	1.7	1.9	69	75	69-126	9	30	
Isopropylbenzene (Cumene)	ug/L	ND	2.5	2.5	2.0	2.1	78	84	68-127	7	30	
m&p-Xylene	ug/L	ND	5	5	4.8	5.0	95	100	30-150	5	30	
Methylene Chloride	ug/L	ND	2.5	2.5	2.5	2.5	99	100	70-130	2	30	
n-Butylbenzene	ug/L	ND	2.5	2.5	2.0	2.1	79	84	73-125	6	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Parameter	Units	296152		296153		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		1262428001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
n-Propylbenzene	ug/L	ND	2.5	2.5	1.9	2.0	77	82	70-129	6	30		
Naphthalene	ug/L	ND	2.5	2.5	2.0	2.1	79	86	52-134	8	30		
o-Xylene	ug/L	ND	2.5	2.5	2.3	2.4	94	97	67-128	3	30		
p-Isopropyltoluene	ug/L	ND	2.5	2.5	1.9	2.0	77	82	65-137	5	30		
sec-Butylbenzene	ug/L	ND	2.5	2.5	2.1	2.1	82	86	73-133	4	30		
Styrene	ug/L	ND	2.5	2.5	1.8	1.9	72	76	60-128	4	30		
tert-Butylbenzene	ug/L	ND	2.5	2.5	2.0	2.1	79	83	67-132	4	30		
Tetrachloroethene	ug/L	0.29	2.5	2.5	2.3	2.4	80	85	73-125	6	30		
Toluene	ug/L	ND	2.5	2.5	2.2	2.3	88	92	70-129	4	30		
trans-1,2-Dichloroethene	ug/L	ND	2.5	2.5	2.1	2.2	85	89	73-125	5	30		
trans-1,3-Dichloropropene	ug/L	ND	2.5	2.5	2.3	2.4	92	94	60-133	3	30		
Trichloroethene	ug/L	0.10J	2.5	2.5	2.3	2.3	87	90	68-128	3	30		
Trichlorofluoromethane	ug/L	ND	2.5	2.5	2.2	2.2	86	88	67-145	2	30		
Vinyl chloride	ug/L	ND	2.5	2.5	2.1	2.3	85	90	54-139	6	30		
1,2-Dichloroethane-d4 (S)	%						100	97	75-136				
4-Bromofluorobenzene (S)	%						100	100	66-125				
Toluene-d8 (S)	%						97	99	75-125				

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QUALIFIERS

Project: Davis, CA - Wye VOCs
Pace Project No.: 1262258

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-DAV Pace Analytical Services - Davis

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Davis, CA - Wye VOCs

Pace Project No.: 1262258

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1262258001	WG-1320-DAS06-(03/08/16)	EPA 8260B	DAVM/3269		
1262258002	WG-1320-DAS07-(03/08/16)	EPA 8260B	DAVM/3269		
1262258003	WG-1320-TB-(03/08/16)	EPA 8260B	DAVM/3269		

REPORT OF LABORATORY ANALYSIS

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PACE Analytical- Davis

1262258

Client Name/Address: Antea Group/UPRR 1155 N. First Street, Suite 201 San Jose, CA 95112		Project / PO Number: Davis, CA - Wye VOCs PEDD_1320-18-Rev1											
Project Manager/Phone Number: Lia Holden / 408-606-4919		Phone Number:		VOCs (Method 8260)									
Sampler: Blaine Tech Services Rodolfo Huerta		Fax Number:											
Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation								Special Instructions
WG-1320-DAS06- (03/02/16)	WG	VOA	4	3/8/16 1240	HCI	X							Use Lab Provided MS/MSD in Report
WG-1320-DAS07- (03/02/16)	WG	VOA	4	3/8/16 1340	HCI	X							
TB-1320-TB- (02/08/16)	WG	VOA	(2) - 2	3/8/16 1000	HCI	X							
												REPORTING LIMIT FOR TCE AND PCE MUST BE 0.2 ug/L FOR ALL SAMPLES	
Relinquished By: Rodo Ro Date/Time: 3/8/16 @ 1400				Received by: [Signature] Date/Time: 3/8/16 1400				Turnaround Time: (check)					
Relinquished By: Date/Time:				Received by: Date/Time:				Same Day _____ 72 Hours _____ 24 Hours _____ 5 days _____ 48 hours _____ normal <u>X</u>					
Relinquished By: Date/Time:				Received in Lab by: Date/Time:				Sample Integrity: (Check) Intact _____ On Ice: _____ Custody _____					

001
002
003

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

Sample Condition Upon Receipt

Client Name: Antea Group/UPRR Project #: _____

WO# : 1262258



Courier: Fed Ex UPS USPS Client
 Commercial Pace OnTrac Other: _____
 Tracking Number: _____

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No **Optional:** Proj. Due Date: _____ Proj. Name: _____

Packing Material: Bubble Wrap Bubble Bags None Other: _____ Temp Blank? Yes No

Thermom. Used: DA1434 DA2285 Type of Ice: Wet Blue Dry Ice None Samples on ice, cooling process has begun

Cooler Temp Read(°C): 9.8 Cooler Temp Corrected(°C): 10.00 Biological Tissue Frozen? Yes No N/A
 Temp should be above freezing to 6°C Correction Factor: +0.2 Date and Initials of Person Examining Contents: 030816 TJB

				Comments:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			10.
Filtered Volume Received for Dissolved Tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			11. Note if sediment is visible in the dissolved container.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			12.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>				
All containers needing acid/base preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			Sample #
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Initial when completed: _____ Lot # of added preservative: _____
Headspace in VOA Vials (>6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			14.
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			15.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review:

Scott Johnson

Date: 3/9/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



Memorandum

To: Lia Holden Ref. No.: 058324-1320

From: Jeffrey Cloud/eew/705-NF *JC* Date: April 1, 2016

CC: Jesse Orth, Julie Lidstone

**Re: Analytical Results and Reduced Validation of Report 1262258
Annual Groundwater Sampling
Union Pacific Railroad (UPRR) – Wye VOCs
Davis, California
March 2016**

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the Annual Groundwater Sampling at the Wye VOCs site in Davis, California during March 2016. Samples were submitted to Pace Analytical Services, located in Davis, California. A sample collection and analysis summary is presented in Table 1. A summary of the analytical methodology is presented in Table 2. The validated analytical results are summarized in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, finished report forms, method blank data, recovery data from surrogate spikes, a laboratory control sample (LCS) and a field QC sample.

The QA/QC criteria by which these data have been assessed are outlined in the analytical method referenced in Table 2 and applicable guidance from the document entitled "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", USEPA 540-R-08-01, June 2008 subsequently referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analysis is summarized in the method. The sample chain of custody document and analytical report were used to determine sample holding times. All samples were analyzed within the required holding time.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C). The cooler was received by the laboratory at 9.8°C. The samples were received the same day as collected and exempt from receipt temperature requirements.

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the method employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) analysis were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against the control limits. All surrogate recoveries met the associated criteria.

5. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

5.1 Organic Analyses

The LCS contained all analytes of interest. All LCS recoveries were within associated control limits, demonstrating acceptable analytical accuracy.

6. Field QA/QC Samples

The field QA/QC consisted of one trip blank sample.

6.1 Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank was submitted to the laboratory for analysis. All results were non-detect for the analytes of interest.

7. Analyte Reporting

The laboratory did not report any detected concentrations below the laboratory's reporting limit (RL).

8. Conclusion

Based on the assessment detailed in the foregoing, the summarized data are acceptable without qualification.

Table 1

**Sample Collection and Analysis Summary
Annual Groundwater Sampling
Union Pacific Railroad (UPRR) - Wye VOCs
Davis, California
March 2016**

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>	
					VOCs	Comments
WG-1320-DAS06-(03/08/16)	DAS-06	Water	03/08/2016	12:40:00	X	
WG-1320-DAS07-(03/08/16)	DAS-07	Water	03/08/2016	13:40:00	X	
WG-1320-TB-(03/08/16)	--	Water	03/08/2016	--	X	Trip Blank

Notes:

VOCs - Volatile Organic Compounds

-- - Not Applicable

Table 2

**Analytical Methods
Annual Groundwater Sampling
Union Pacific Railroad (UPRR) - Wye VOCs
Davis, California
March 2016**

Parameter	Method	Matrix
Volatile Organic Compounds (VOCs)	SW-846 8260B ⁽¹⁾	Water

Notes:

- (1) - SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Table 3

**Analytical Results Summary
Annual Groundwater Sampling
Union Pacific Railroad (UPRR) - Wye VOCs
Davis, California
March 2016**

Location ID:	DAS-06	DAS-07
Sample Name:	WG-1320-DAS06-(03/08/16)	WG-1320-DAS07-(03/08/16)
Sample Date:	03/08/2016	03/08/2016
Depth:	--	--

Parameters	Unit		
Volatile Organic Compounds			
1,1,1,2-Tetrachloroethane	µg/L	<1.0	<1.0
1,1,1-Trichloroethane	µg/L	<1.0	<1.0
1,1,2,2-Tetrachloroethane	µg/L	<1.0	<1.0
1,1,2-Trichloroethane	µg/L	<1.0	<1.0
1,1-Dichloroethane	µg/L	<1.0	<1.0
1,1-Dichloroethene	µg/L	<1.0	<1.0
1,1-Dichloropropene	µg/L	<1.0	<1.0
1,2,3-Trichlorobenzene	µg/L	<1.0	<1.0
1,2,3-Trichloropropane	µg/L	<1.0	<1.0
1,2,4-Trichlorobenzene	µg/L	<1.0	<1.0
1,2,4-Trimethylbenzene	µg/L	<1.0	<1.0
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	<1.0	<1.0
1,2-Dibromoethane (Ethylene dibromide)	µg/L	<1.0	<1.0
1,2-Dichlorobenzene	µg/L	<1.0	<1.0
1,2-Dichloroethane	µg/L	<1.0	<1.0
1,2-Dichloropropane	µg/L	<1.0	<1.0
1,3,5-Trimethylbenzene	µg/L	<1.0	<1.0
1,3-Dichlorobenzene	µg/L	<1.0	<1.0
1,3-Dichloropropane	µg/L	<1.0	<1.0
1,4-Dichlorobenzene	µg/L	<1.0	<1.0
2,2-Dichloropropane	µg/L	<1.0	<1.0
2-Chlorotoluene	µg/L	<1.0	<1.0
2-Phenylbutane (sec-Butylbenzene)	µg/L	<1.0	<1.0
4-Chlorotoluene	µg/L	<1.0	<1.0
Benzene	µg/L	<1.0	<1.0
Bromobenzene	µg/L	<1.0	<1.0
Bromodichloromethane	µg/L	<1.0	<1.0
Bromoform	µg/L	<1.0	<1.0
Bromomethane (Methyl bromide)	µg/L	<2.5	<2.5
Carbon tetrachloride	µg/L	<1.0	<1.0
Chlorobenzene	µg/L	<1.0	<1.0
Chlorobromomethane	µg/L	<1.0	<1.0
Chloroethane	µg/L	<1.0	<1.0
Chloroform (Trichloromethane)	µg/L	<1.0	<1.0
Chloromethane (Methyl chloride)	µg/L	<1.0	<1.0
cis-1,2-Dichloroethene	µg/L	<1.0	<1.0
cis-1,3-Dichloropropene	µg/L	<1.0	<1.0

Table 3

**Analytical Results Summary
Annual Groundwater Sampling
Union Pacific Railroad (UPRR) - Wye VOCs
Davis, California
March 2016**

Location ID:	DAS-06	DAS-07
Sample Name:	WG-1320-DAS06-(03/08/16)	WG-1320-DAS07-(03/08/16)
Sample Date:	03/08/2016	03/08/2016
Depth:	--	--

Parameters	Unit		
Volatile Organic Compounds			
Cymene (p-Isopropyltoluene)	µg/L	<1.0	<1.0
Dibromochloromethane	µg/L	<1.0	<1.0
Dibromomethane	µg/L	<1.0	<1.0
Dichlorodifluoromethane (CFC-12)	µg/L	<1.0	<1.0
Ethylbenzene	µg/L	<1.0	<1.0
Hexachlorobutadiene	µg/L	<1.0	<1.0
Isopropyl benzene	µg/L	<1.0	<1.0
m&p-Xylenes	µg/L	<1.0	<1.0
Methylene chloride	µg/L	<1.0	<1.0
N-Butylbenzene	µg/L	<1.0	<1.0
N-Propylbenzene	µg/L	<1.0	<1.0
Naphthalene	µg/L	<1.0	<1.0
o-Xylene	µg/L	<1.0	<1.0
Styrene	µg/L	<1.0	<1.0
tert-Butylbenzene	µg/L	<1.0	<1.0
Tetrachloroethene	µg/L	3.4	3.5
Toluene	µg/L	<1.0	<1.0
trans-1,2-Dichloroethene	µg/L	<1.0	<1.0
trans-1,3-Dichloropropene	µg/L	<1.0	<1.0
Trichloroethene	µg/L	0.35	0.36
Trichlorofluoromethane (CFC-11)	µg/L	<1.0	<1.0
Vinyl chloride	µg/L	<1.0	<1.0

Notes:

< - Not detected at the associated reporting limit

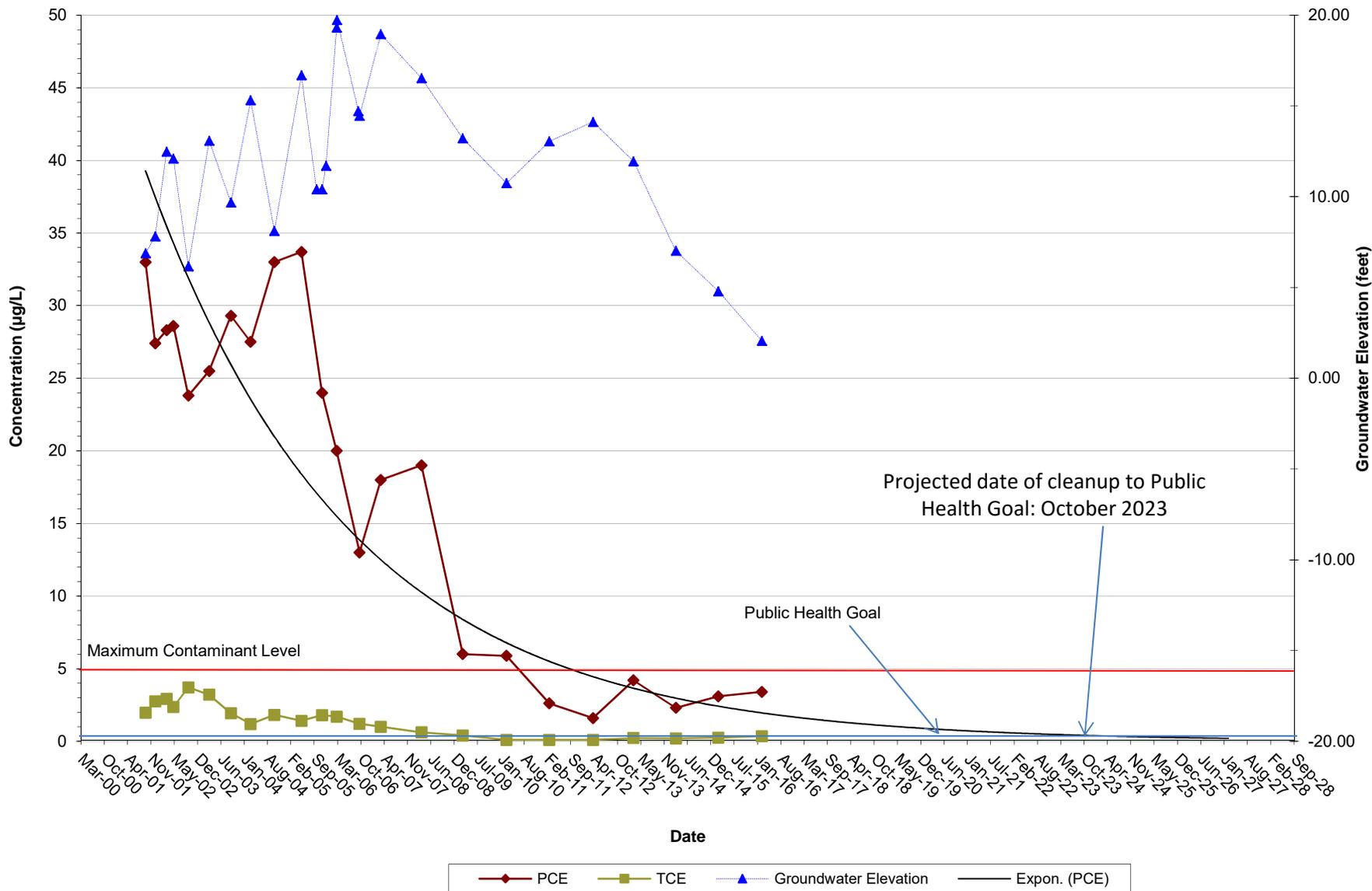


Appendix D

Hydrographs

WELL DAS-06 PCE AND TCE CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME

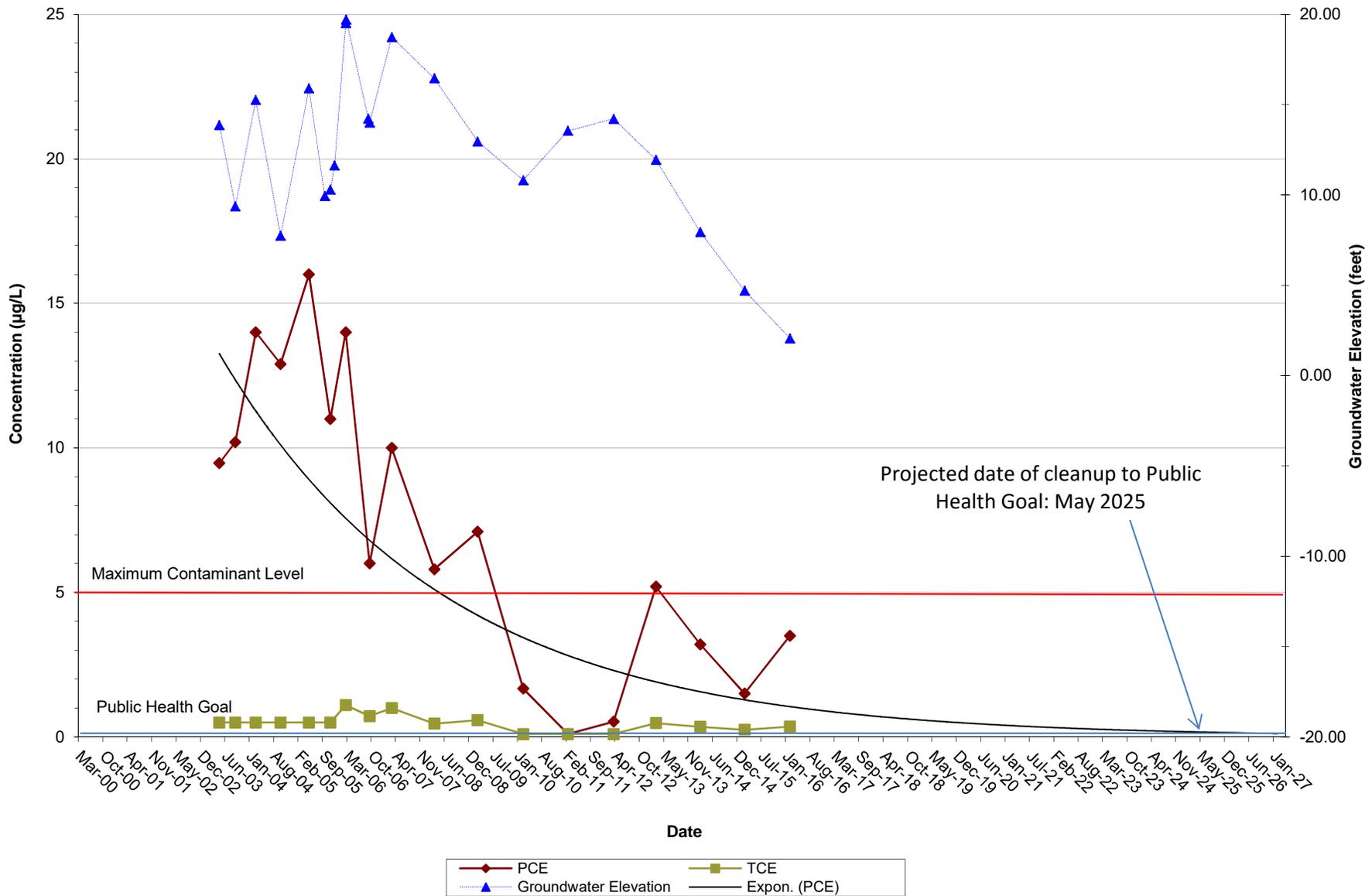
UNION PACIFIC RAILROAD
WYE VOC SITE
DAVIS, CALIFORNIA



WELL DAS-07 PCE AND TCE CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME



UNION PACIFIC RAILROAD
WYE VOC SITE
DAVIS, CALIFORNIA





Appendix E

Waste Manifests

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No. 3 8 2 3	2. Page 1 of
3. Generator Name and Street Address UNION PACIFIC RAILROAD (DAVIS) 47 STEVENSON 1ST. FLOOR SAN FRANCISCO CA 94105		4. Generator's Phone () 916 447-7055			
6. State of Origin CA		6. CADO CER Number 028217036		A. State Transporter's ID 800 974 4495	
7. Transporter 2 Company Name ASHLEY ENVIRONMENTAL SERVICES		8. US EPA ID Number		B. Transporter 1 Phone	
5. Designated Facility Name and Site Address DEWENNO WERDOON 2000 NORTH ALAMEDA STREET COMPTON CA 90222		10. US EPA ID Number CAT080013352		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID 810 527 7100	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. NON HAZARDOUS WASTE, PURGE WATER			No. 01	Type FF DM	50 G
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above 11A) NH WATER			H. Handling Codes for Wastes Listed Above		
			1X55 2013		
15. Special Handling Instructions and Applicable Regulations EMERGENCY CONTACT: CHEMTREC 1-800-424-9300 USE PPE. SITE: 840 2ND STREET, DAVIS, CA 95616					
					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name BOHMY BOONE		Signature <i>[Signature]</i>		Date 05 27 13	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name BOHMY BOONE		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.		Printed/Typed Name		Signature	
				Date Month Day Year	

GENERATOR
TRANSPORTER
FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <u> </u>		Manifest Document No. <u>11988188</u>	2. Page 1 of <u>1</u>
3. Generator's Name and Mailing Address UNION PACIFIC RAILROAD - UNI751 2401 E. SEPULVEDA BLVD. LONG BEACH CA 90810 626 890-7100					
4. Generator's Phone (<u>626 890-7100</u>)		6. US EPA ID Number <u>CAT028277036</u>		A. State Transporter's ID <u>(510)837-4455</u>	
5. Transporter 1 Company Name <u>ASBURY ENVIRONMENTAL SERVICES</u>		8. US EPA ID Number <u> </u>		B. Transporter 1 Phone <u>(510)837-4455</u>	
7. Transporter 2 Company Name <u> </u>		10. US EPA ID Number <u>CAT080013352</u>		C. State Transporter's ID <u> </u>	
9. Designated Facility Name and Site Address DEMENNO / KERDOCK 2000 N. ALAMEDA STREET COMPTON CA 90222		10. US EPA ID Number <u>CAT080013352</u>		D. Transporter 2 Phone <u> </u>	
				E. State Facility's ID <u> </u>	
				F. Facility's Phone <u>(510)837-7100</u>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	14. Unit Wt./Vol.
a. NON-HAZARDOUS WASTE, LIQUID MONITORING WATER			1	D M	55 G
b. <u> </u>					
c. <u> </u>					
d. <u> </u>					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
			<u>H039</u>		
15. Special Handling Instructions and Additional Information EMERGENCY CONTACT: CHEMTREC 1-800-424-9300 * PROFILE # 9B1: 418153 MONITORING WATER * PO# A110206462 * APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT SITE: G STREET, CAR WASH, DAVIS, CA 95616					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
on behalf of Union Pacific Railroad Printed/Typed Name <u> </u>				Date <u>04 27 15</u>	
Signature <u> </u>					
17. Transporter 1 Acknowledgement of Receipt of Materials				Date <u>04 27 15</u>	
Printed/Typed Name <u> </u>					
Signature <u> </u>					
18. Transporter 2 Acknowledgement of Receipt of Materials				Date <u> </u>	
Printed/Typed Name <u> </u>					
Signature <u> </u>					
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <u> </u>				Date <u>05 15 15</u>	
Signature <u> </u>					

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Appendix G – Environmental Questionnaire





PRE-ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE (Owner)

Project Name		Property Ownership		
Parcel 1	Address(es) 1225 OLIVE DRIVE DAVIS, CA 95616	Assessor Parcel Number 070-290-003-000	Size (Acres or SF) 24128 SF	Developed Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Parcel 2	Address(es)	Assessor Parcel Number	Size (Acres or SF)	Developed Yes <input type="checkbox"/> No <input type="checkbox"/>
Parcel 3	Address(es)	Assessor Parcel Number	Size (Acres or SF)	Developed Yes <input type="checkbox"/> No <input type="checkbox"/>
Project City	Project County YOLO	Project City DAVIS	Project Zip 95616	
Parcel 1	Number of Structures/Use/Size/Construction Date 4 BUILDINGS BUILT 1956			
Parcel 2	Number of Structures/Use/Size/Construction Date			
Parcel 3	Number of Structures/Use/Size/Construction Date			
Parcel 1	Current Occupant(s): SEE TENANT LIST	Historical Occupancy:		
Parcel 2	Current Occupant(s):	Historical Occupancy:		
Parcel 3	Current Occupant(s):	Historical Occupancy:		
Is construction, redevelopment, or remodeling to the site planned? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please describe:				
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown		Has the project parcel(s) ever been contaminated or included in any regulatory list of contaminated sites?		
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown		Have any waste materials ever been dumped, buried, or otherwise disposed of on the site?		
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown		Is activity or use of the parcels restricted as a result of current or historic recognized environmental conditions?		
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown		Is the project parcel(s) now, has it ever been, or do you anticipate it becoming, the subject of environmental litigation, regulatory citations, violations or enforcement action?		

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	Are pollution controls or monitoring employed at the site, to prevent, minimize, or detect the release of hazardous materials into the environment?	
CHEMICALS		
Have any of the following chemicals been used or stored on the project parcels?		
<input type="checkbox"/> Petroleum Products , Fuels and Oils <input type="checkbox"/> Acids/Bases/Oxidizers <input type="checkbox"/> Pesticides and/or Herbicides <input type="checkbox"/> Explosives <input type="checkbox"/> Radioactive Materials <input type="checkbox"/> Polychlorinated Biphenyls (PCBs) <input type="checkbox"/> Other (please describe)		
HAZARDOUS WASTE MATERIALS		
Have any of the following been generated on the project parcels?		
<input type="checkbox"/> Air Emissions	<input type="checkbox"/> Industrial Waste Water	<input type="checkbox"/> NPDES Permit
<input type="checkbox"/> Hazardous Wastes	<input type="checkbox"/> Waste Oils	<input type="checkbox"/> Sludge
<input type="checkbox"/> Other (please describe)		
ENVIRONMENTALLY SENSITIVE CONDITIONS		
<input type="checkbox"/> Underground storage tank(s)	<input type="checkbox"/> Aboveground storage tank(s)	
<input type="checkbox"/> Clarifiers, pits or sumps	<input type="checkbox"/> Stained soils or paving	
<input type="checkbox"/> Distressed vegetation	<input type="checkbox"/> Hydraulic lifts or elevators	
<input type="checkbox"/> Drums or containers (40 gallons or more)	<input type="checkbox"/> Lagoons, or ponds	
<input type="checkbox"/> Dry wells	<input type="checkbox"/> Monitoring wells	
<input type="checkbox"/> Electrical transformers	<input type="checkbox"/> Oil or gas wells	
<input type="checkbox"/> Stockpiled soils (fill dirt from an unknown source)	<input type="checkbox"/> Water wells	
<input type="checkbox"/> Unidentified waste, tires, automotive or industrial batteries, or any other waste?		
<input type="checkbox"/> Other (describe)		
Are you aware of any of the following conditions?		
<input checked="" type="checkbox"/> Asbestos-containing materials or lead-based paint in the site structure(s)?	<i>POSSIBLE LEAD BASED PAINT</i>	
<input type="checkbox"/> Mold, or replacement of mold-impacted materials?		
<input type="checkbox"/> Radon contamination at the subject property or in the site vicinity?		

<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Has there been any regulatory investigations resulting from the use and storage of hazardous materials at the facility?
--	---

<input type="checkbox"/> Yes <input type="checkbox"/> No	Are there any on-site sewage disposal systems?
--	--

REGULATORY PERMITTING			
<input type="checkbox"/>	Air Emissions Permit	<input type="checkbox"/>	National Pollutant Discharge Elimination System (NPDES) Permit
<input type="checkbox"/>	Hazardous Materials Monitoring Program Permit	<input type="checkbox"/>	Underground Storage Tank Permit
<input type="checkbox"/>	Large Quantity of Hazardous Materials	<input type="checkbox"/>	Wastewater Discharge Permit
<input type="checkbox"/>	Other (please describe)		

Adjoining property use:	
North	RAIL ROAD TRACKS
South	APARTMENT COMPLEX
East	VACANT LOT
West	VACANT LOT

Is there any previous reporting that addresses known environmental conditions, such as environmental assessments, subsurface investigations, asbestos surveys, geotechnical reports, available for review? If so, please fax (FAX 707-355-9137) back to ERC along with this completed form, or send electronic copies via email to info@ERCdiligence.com.

By signing below, I believe that the answers to the above questionnaire are complete and accurate, to the best of my knowledge. I also understand that *ERCdiligence.com* will rely on the completeness and accuracy of these answers in assessing any environmental liability associated with the subject property.

By: Dan Walker

Title: TRUSTEE Date: 12/2/15

Project Association: _____ (such as seller, asset manager, tenant)

PLEASE SCAN AND RETURN TO: Info@ERCdiligence.com
Or FAX 707-355-9137

www.ERCdiligence.com