

Phase 1 Environmental Site Assessment – Farshad T. Vakili P.E., R.E.A.

**PHASE I ENVIRONMENTAL SITE
ASSESSMENT REPORT**

**COMMERCIAL AND RESIDENTIAL PARCELS
SOUTHWEST CORNER OF BELL AVENUE &
RALEY BOULEVARD
SACRAMENTO COUNTY, CALIFORNIA**

OCTOBER 28, 2012

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1. INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment performed by Farshad Vakili, P.E., an independent environmental assessor/engineer on the six parcels of land including two buildings. These parcels include 1532 Bell Avenue (APN #237-0162-007, R-1), 1537 Katharine Avenue (APN # 237-0162-012, R-1), 1536 Bell Avenue (APN # 237-0162-008, C-2-R, residential home), 1556 (APN # 237-0162-009, C-2-R, free standing commercial building), 4325 Raley Boulevard (APN # 237-0162-010, C-2-R), and 1541 Katharine Avenue (APN # 237-0162-011) in Sacramento County, California (Subject Property).

This Report reveals the results from the review of regulatory agencies files, interview of responsible parties, and site inspection of the Subject Property on October 25, 2012.

1.1 Purpose

The objectives of this Report is to evaluate whether there is evidence of an environmental impact to any of the environmental receptors such as human and/or wild life; or any environmental impacts to any environmental pathways such as surface, water, air, groundwater, and subsurface gas generation. Any potential environmental impacts resulted from past or present activities at the Subject Property or surrounding businesses, have been considered in this Report. All the extensive regulatory agencies files search which provide information on all the past, present and to some extent future impacts to the Subject Property and the surrounding area are noted in the Report.

1.2 Scope of Application

This Report is submitted to Mr. Lon Lundgren of 7900 East Stockton Boulevard, Sacramento for distribution. The scope of the application is to determine any Recognized Environmental Conditions at the Subject Property.

1.3 Limitation and Exception

This Report has been prepared in accordance with generally accepted environmental methodologies referred to in ASTM 1527-05, and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this Report. The conclusions of this Report are based in part, on the information provided by others. The possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated. Should such an event occur, Mr. Vakili must be

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

1.4 Qualification

Mr. Vakili is a registered professional engineer and a registered environmental assessor in the State of California. Mr. Vakili has twenty seven years of experience working for regulatory agencies and manufacturing facilities conducting complex environmental assessment, characterization and remediation projects. Mr. Vakili has also conducted assessment projects for regulatory agencies preparing Resource Conservation and Recovery Act (RCRA) facility assessments reports for various industries throughout California in compliance with the California Department of Toxic Substances Control (DTSC) and United States Environmental Protection Agency laws and regulations. Mr. Vakili is currently the Team Leader of Treatment & Storage Team at DTSC which is responsible for permitting hazardous waste facilities in California. Mr. Vakili has also conducted phase I environmental site assessment projects for residential, commercial as well as industrial properties as an independent consultant throughout California.

2. SCOPE OF WORK

The scope of work for this Report is to provide information regarding the past and present activities at the Subject Property and the vicinity area. This Report has been performed in accordance with the Scope of Work pursuant to the requirements of the American Society for Testing and Materials (ASTM) Standards 1527-05 for environmental site assessments, and the United States Environmental Protection Agency's (USEPA) Resource Conservation and Recovery Act (RCRA) Facility Assessment for corrective action. This work includes visual site inspection, interview of the responsible parties, review of the regulatory agencies' files and preparing this site assessment report. The regulatory agencies files include but not limited to:

- Review of Sacramento County Environmental Management Department and Sacramento County Building Department
- Review of the California Department of Toxic Substances Control's STARS List, Multi-Data Base Search, Site Mitigation and Brownfield Reuse Program Database for Unconfirmed Referral, Voluntary Clean-Up, School, No Further Action, Needing Further Evaluation, Cal Site and Envirostor.
- Review of California Regional Water Quality Control Board
- Review of California Department of Resource Conservation and Recycling (CalRecycle), List of Active and Inactive Landfills, and Used Oil Recycling Program
- Review of USEPA's RCRAinfo List for federal hazardous waste generators

3. SITE DESCRIPTION

3.1 Location

The Subject Property is located at the southwest corner of Raley Boulevard and Bell Avenue and consists of six parcels of land. The Subject Property includes a free standing commercial building and a residential home. The Subject Property is bordered by Katharine Avenue to the south, Raley Boulevard to the east, Bell Avenue to the north and residential homes on Bell Avenue to the south. There are residential neighborhoods immediately to the vicinity of the Subject Property. Attachment 1, Figure 1 is the Site Assessor Maps. Attachment 1, Figure 2 is the Topographic Maps.

3.2 Adjacent Properties Current Use

The Subject Property is located at the southwest corner of Raley Boulevard and Bell Avenue in a commercial/residential area of the unincorporated area of Sacramento County. The Subject Property is surrounded by Raley Boulevard and Transtar Building (4350 Raley Boulevard) to the east; residential homes (1524 & 1518 Bell Avenue) to the west; Arco Gas Station (1595 Bell Avenue) to the north; and Katharine Avenue to the south.

3.3 Current Use of the Subject Property

The Subject Property has a tenant for the residential home but the commercial building is currently vacant. The remaining portions of the Subject Property are bare land with no additional structures.

3.4 Site Description

The Subject Property consists of six parcels of land with a total of an approximately 2.40 acres of land including an approximately 1,500 square feet of a residential home and an approximately 4,860 square feet of a vacant commercial free standing building.

The land is situated in the County of Sacramento and is described as Lots 10 to 21, both inclusive in Block 6 of Young's Heights, according to the Official Plat thereof, filed in the Office of the Recorder of Sacramento County, California on April 2, 1912, in Book 13 of Maps, Map No. 14. Assessor's Parcel Numbers are 237-0162-007-0000, 237-0162-008-0000, 237-0162-009-0000, 237-0162-010-0000, 237-0162-011-0000, and 237-0162-0012-0000.

4. USER PROVIDED INFORMATION

4.1 Title Records/Environmental Liens

Mr. Vakili reviewed the Preliminary Title Report of October 4 2012 prepared by Pacific Coast Title Company of 318 Diablo Road, Suite 150, Danville, California and is not aware of any environmental cleanup liens against the Subject Property that are filed or recorded under federal, tribal, state or local law. Mr. Vakili is not aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry.

4.2 Owner and Property Manager Information

The Owner and Property Manager of the Subject Property is Mr. Kevin J. Waddell.

5. RECORD REVIEW

5.1 Geologic Conditions

The Subject Property is located in the unincorporated area of the Sacramento County, and within the Great Valley geomorphic province of California. The geology of the great valley is typified by thick sequences of sedimentary deposits of Jurassic through Holocene age. The California Division of Mines of Geology and the United States Geologic Survey have mapped a large portion of the area as being underlain by the lower member of the Quaternary-Aged Riverbank Formation. The Riverbank Formation represents dissected alluvial fans and is generally composed of alluvial gravel, sand and silt derived from the western slopes of the Sierra Nevada Range.

Topography in the vicinity of the Subject Property appears to decline to the northwest, toward the Magpie Creek. Regional drainage appears to flow toward the northwest, toward the Magpie Creek, located approximately 2 miles north of the Subject Property. The Site is underlain by quaternary alluvium consisting of primarily silt, sand, and clay. A thick sand unit with interbedded fine grained material extends under most of the subject site to approximately 80 to 85 feet below ground surface (bgs). The sand is fine to medium grained and contains silt ranging from less than 5% to 30%. Discontinuous beds of sandy silt and sandy clay, from 5 to 10 feet thick, are encountered within the sand unit. Based on cone penetrometer testing results, the base of the clayey/silty stratum is at approximately 90 to 95 feet bgs, and is underlain by a second, predominately sandy unit interbedded with discontinuous silt strata. Please see Attachment 2 for additional information.

5.2 General Hydrogeology

Based upon a review of the National Water Summary 1986, Hydrologic Events and Ground-Water Quality, the Subject Property is underlain by an alluvial and sedimentary aquifer. Since September 2001, depth to groundwater in monitoring wells ranged from approximately 89 to 91.5 below ground surface. The groundwater flow direction beneath the site has consistently been towards the southeast, at a gradient of 0.002 feet per foot.

A review of the USGS 7.5-Minute Series Topographic Quadrangle Map of Rio Linda, California was performed to identify evidence of man-made structures, fill areas, and natural features that may have an adverse effect on the environmental condition of the Subject Property. No environmental concerns were identified based upon a review of the Rio Linda, California Topographic Quadrangle Map. Please see Attachment 1, Figure 2.

5.3 Radon and Naturally Occurring Asbestos (NOA)

Radon gas is a radioactive gas found throughout the United States that cannot be seen, tasted or smelled. It can move up through the ground and into a home through cracks and holes in the foundation and can build up to high levels. Radon also can get into indoor air when released from water. Radon entering the home through tap water, in most cases, is small source in indoor air compared to radon entering home from soil. USEPA has determined that radon is a known human carcinogen and breathing air-containing radon may cause increased risk of stomach cancer.

No evidence of radon gas detected at levels of concern (greater than 4.0 pCi/L) per any investigation at the Sacramento County. Most homes in Sacramento County do not have basements.

Geologic maps prepared by the California Geologic Survey show areas of higher probability for asbestos containing rocks within the broad zone of faults that follows the low foothills and lay in a south-east to north-west band. There are some isolated areas of higher probability for the presence of NOA within Tahoe National Forest and El Dorado Hills. No asbestos stone was observed at the property during October 25, 2012 inspection. Additionally, there is a possibility of the asbestos in the insulation and lead paint in the paint, because the building was approximately built in 1950s.

5.4 Regional Conditions

The Subject Property is located in a commercial/residential area of the unincorporated area of the County of Sacramento. Land use in the vicinity of the Subject Property is mainly used for residential use and military base. Land in the vicinity area is not mined for natural resources.

5.5 Historical Use

Historical Photograph from 1957 and 1964 revealed the Subject Property consisted of the free standing commercial building and three residential homes. In the 1998 and 2002 Photographs, one of the residential homes was demolished, but everything else remained. In the 2005 Photographs, the current structure and residential home existed at the Subject Property.

According to the historical search of the use of the Subject Property, the Subject Property was used for residential homes and the commercial building was named Depot Junction, Roadhouse from early 1950s.

5.6 File Review

Environmental Data Resources, Inc., Radius Map Report and regulatory agencies file review include in this Report for the Subject Property and the vicinity area (Attachment 4) which included review of:

Department of Resource Conservation and Recycling (CalRecycle), Solid Waste Information System (SWIS) and Used Oil Recycling Program

According to the CalRecycle, no facility is within 0.5 miles of the Subject Property.

Environmental Protection Agency, Department of Toxic Substances Control (DTSC), STARS List, Multi-Data List, HWTS List, Site Mitigation and Brownfields Reuse Program, Cal Site List, Properties Needing Further Action, School Property Evaluation List, Voluntary Cleanup Program and Envirostor

There are also two sites on the Envirostor within 1.0 mile of the Subject Property including Air Force Real Property Agency (3411 Olson Street, groundwater contamination under remediation, however, has not reached the Subject Property, no threat because of the known levels and ongoing remediation, on National Priority List by USEPA), and North Highlands Air National Guard (off Air Base, lower elevation, no threat).

California Regional Water Quality Control Board (RWQCB), Leaking Underground Fuel Tank Report (LUFT), Underground Storage Tank and Geo Tracker

There are facilities on the Regional Water Quality Control Board list containing LUFT are within 0.5 miles of the Subject Property including Bell Gas Station (4400 Raley Boulevard, remediation, lower elevation, no threat), Guerra Arco AM/PM (1595 Bell Avenue, case closed, no threat) and Former McClellan Air Force Base (3411 Olson Street, remediation, no immediate threat).

The Regional Water Quality Control Board has also a database containing facilities with registered underground storage tanks within 0.25 miles of the Subject Property including Chevron #91069 (4221 Raley Boulevard, secondary containment, no threat).

Sacramento County Environmental Management Department

This agency refers all the potential contaminated sites to the state agencies. This agency has identified one additional facility within 1.0 mile of the Subject Property including Central Freight Lines Inc. (1621 Main Street, soil contamination, no immediate threat).

Also, Sacramento County Master List has identified one additional facility that store hazardous materials or are hazardous waste generator within 0.25 miles of the Subject Property including Chevron (4221 Raley Boulevard, hazardous material handler and hazardous waste generator). Regardless, generators of hazardous wastes pose no risk to the Subject Property because they are small quantity generators and the hazardous wastes are sent for recycling and treatment or disposal to different facilities.

6. SITE RECONNAISSANCE AND INTERVIEWS

6.1 Site Inspection and Interview

Mr. Vakili inspected the Subject Property on October 25, 2012. Mr. Vakili inspected all the structures and the perimeter of the Subject Property. Mr. Vakili also interviewed Mr. Kevin Waddell, Property Owner who owned the properties for a long time. He stated that to the best his knowledge none of the tenants used hazardous waste or hazardous materials at the Subject Property. He indicated that there are no above-ground or underground storage tanks at the Subject Property. He continued by saying that the commercial building used to be a country bar in 1970s named Depot Junction where singers such as Johnny Cash performed. The vacant commercial building was in good shape with raised ground and low ceiling. The commercial building includes a stage area, a bar, a salon, a restroom and two offices. It also included a concrete backyard with a stage. No sign of environmental concerns were detected at the interior or exterior of the commercial building. Mr. Vakili also inspected the other parcels of land and discovered that some of the old foundation existed at the land. Mr. Waddell explained that it used to be an old house at the property which was destroyed by the local fire department. The fire department set the building purposely on fire for practical exercise. No sign of environmental concerns were found at the exterior areas of any of the six parcels.

The possibility of asbestos and leaded paint was high since the current structures have been on the property since approximately 1950s. No stain or distressed vegetation was noticed at the Subject Property. Based on the review of the regulatory agencies, no hazardous waste activities or waste generation were identified as a result of the operation of the previous tenants at the Subject Property.

Please see the enclosed photographs (Attachment 3). Mr. Vakili inspected all the areas and did not find any Recognized Environmental Conditions.

Roads

Roads run through the property for the parking. No concern was detected during October 25, 2012 inspection.

Potable Water Supply

Potable water on the property is supplied by the municipal water supply.

Sewage

There was not a sewage system noticed during October 25, 2012 inspection.

Hazardous Substances and Petroleum Products in Connection with Identified Uses

No hazardous materials were observed to be stored or used on the property during the inspection of October 25, 2012.

Storage Tanks

Determining the presence of Aboveground Storage Tanks (ASTs) and Underground Storage Tanks (USTs) is considered essential in assessing potential contamination sources. Visual inspection and the review of tank registration for are used to determine the possible existence of past and present storage tanks in the area of the subject property. It must be noted however, that the absence of certain site conditions or lack of records may restrict or prevent the determination of the number and contents of storage tanks on the Subject Property. No aboveground storage or underground tanks were observed on the Subject Property.

Odors

No strong, pungent or noxious odors were observed during October 25, 2012 inspection.

Pools of Liquid

No vernal pools and seasonal wet lands were observed at the Subject Property during October 25, 2012 inspection.

Drums

No drums or containers of hazardous wastes or materials were observed during October 25, 2012 inspection.

Hazardous Substances and Petroleum Products Containers

No containers with hazardous materials or petroleum products that might represent a recognized environmental condition were observed on the properties during October 25, 2012 inspection.

Unidentified Substance Containers

No open or damaged containers containing unidentified substances suspected of

being hazardous substances or petroleum products were observed on the Subject Property during October 25, 2012 inspection.

Heating/Cooling

Heating or cooling was noticed at October 25, 2012 inspection.

Stains or Corrosion

There were no stains or corrosion on the ground.

Drains and Sumps

No floor drains or sumps were observed at the properties during October 25, 2012 inspection.

Pits, Ponds, or Lagoons

No pits, ponds or lagoons were observed at the property and the neighboring properties during October 25, 2012 inspection.

Stained Soil or Pavement

No areas of stained soil were observed during October 25, 2012 inspection.

Stressed Vegetation

No areas of stressed vegetation were observed on the property during October 25, 2012 inspection.

Solid Waste

No areas, mounds, or depressions that may be filled or graded by non-natural causes or filled with fill of unknown origin suggesting trash or other solid waste disposal were observed on the properties during October 25, 2012 inspection.

Waste Water

There was no wastewater or other liquids being discharged into a drain, ditch, underground injection system, or stream on or adjacent to the properties during October 25, 2012 inspection.

Wells

No wells were observed on the properties during October 25, 2012 inspection.

Septic Systems

There was no septic system or cesspool was observed on the properties during October 25, 2012 inspection.

6.2 Site Vicinity

The Subject Property is located in the commercial and residential area of Sacramento County immediately southwest of former McClellan Air Force Base. The 3,452-acre McClellan Air Force Base (AFB) site was established in 1936 and operated as an Air Force Logistics Command Base with a primary mission of management, maintenance, and repair of aircraft, electronics, and communication equipment. The operation and maintenance of aircraft have involved the use, storage, and disposal of hazardous materials including industrial solvents, caustic cleansers, paints, metal plating wastes, low-level radioactive wastes, and a variety of fuel oils and lubricants. The Air Force has identified 326 waste areas of known and suspected contamination. Under BRAC IV, McClellan AFB closed as an active military base in July 2001. This site is being addressed primarily through federal actions directed by the Air Force Real Property Agency (formerly known as the Air Force Base Conversion Agency) and overseen by US EPA Region 9, California State Department of Toxic Substances Control (DTSC), and California Regional Water Quality Control Board (RWQCB). The Air Force, EPA, and State work together under the terms of a Federal Facilities Agreement (FFA) signed in 1990.

Two different approaches are currently being undertaken to address the contamination at McClellan AFB: the traditional CERCLA approach and the privatized cleanup approach. The traditional CERCLA approach at McClellan AFB involves the Air Force investigating the sites, determining the nature and extent of contamination in soil and groundwater, evaluating the risk, preparing a Record of Decision (ROD) to document the selected remedial action and then designing and conducting the remedial actions. Most sites are following this approach.

The privatized cleanup approach was undertaken for the first time in August 2007 at Parcel C-6, a 62-acre site contaminated with PCBs. The privatized cleanup approach involves deeding the land to a private party before cleanup of contamination is complete. The private party will use money provided by the Air Force to complete site investigation and cleanup under the direction of EPA and state regulators. Privatization combines redevelopment needs with environmental cleanup efforts and will help accelerate the reuse of the sites.

The initial strategy at McClellan AFB was to investigate and cleanup soil sites by geographic areas. The Air Force divided McClellan AFB into a number of operable units (OUs), OUs A through H and a groundwater OU to facilitate geographically organized cleanup but this process has been abandoned. Currently, site cleanup is organized according to similar cleanup approaches or type of contamination.

A number of remedial actions have been taken at the facility. Early actions addressed some soil and landfill sites with removals and caps, while other early actions addressed groundwater plumes with a gradually expanding groundwater extraction and treatment system enhanced by numerous soil vapor extraction (SVE) systems.

Immediate Actions: In 1984-1989, the Air Force removed contaminated soil and constructed an 11-acre cap (OU D1 cap) in the northwestern portion of the Base. In the central portion of the Base, a groundwater treatment plant was constructed to treat extracted groundwater and an alternative water supply was provided to local residences.

Interim Actions: In the mid-1990s, two interim actions were initiated to remove solvents from the subsurface and to minimize further migration of the solvents away from their source areas. These included a 1993 removal action to install a number of SVE systems and a 1995 Groundwater Interim ROD (IROD) to install extraction wells on and off-base to contain VOC-contaminated groundwater plumes. In 1993, the Air Force also conducted an interim action to address PCB contamination in soil in a former transformer storage area through the construction of a 5-acre cap (OU B1 cap).

CS 010 Removal Actions: In August 2000, a Non-Time Critical Removal Action was begun at CS010, a waste disposal pit. This removal action was initiated after the Air Force determined that radioactive contamination in the soil at this site exceeded "acceptable" risk criteria. In addition, buried 55-gallon drums at the site were to be removed because radioactive contents within the drums posed a risk if the drums leaked or were ruptured. The removal action included excavation of 109, 55-gallon drums, one (1) 20-gallon drum, excavation of 480 cubic yards of soil, and laboratory wastes. Contents of one drum were labeled as containing plutonium. As a result, excavation activities were stopped on September 6, 2000.

The Air Force subsequently initiated a Time-Critical Removal Action which was intended to remove all contamination at the site that posed excess risks to human health and the environment. A total of 533 drums and 27,409 cubic yards of soil were removed. However, due to mounting soil disposal costs, the remaining 23,409 cubic yards of soil still remain stored under a weatherized tent at CS 010.

In June 2003, the Air Force incorporated a special treatment system to remove hexavalent chromium from treated groundwater before it is discharged to a nearby creek. The long-term remedy to address hexavalent chromium will be determined in the Non-VOC Groundwater ROD Amendment.

7. FINDINGS, OPINION AND RECOMMENDATION

At the request of Mr. Lon Lundgren, I completed this Report on the Subject Property. The Subject Property consists of an approximately 2.40 acres of land including an approximately 4,860 square feet of a free standing commercial building and an approximately 1,500 square feet of one residential home. The assessment of the Subject Property included review of the regulatory agencies files relevant to any releases to the environment, conducting visual site inspection on October 25, 2012, interview of responsible parties, surveillance of the surrounding area, and providing the findings in this Report.

There are regional groundwater contaminations in the vicinity area as result of operations of former McClellan Air Force Base which has potentially impacted the groundwater. The base is currently under remediation and the Air Force is the responsible agency in cleaning up the groundwater. There is no threat to the Subject Property and no liability to the owners of the Subject Property. There is also groundwater contamination as a result of the operation of Bell Gas Station at 4400 Raley Boulevard but no impact to the Subject Property because of the groundwater direction. The Subject Property is not on any regulatory agencies lists. Please see Attachment 5 for all the information regarding neighboring businesses.

Historical Photograph from 1957 and 1964 revealed the Subject Property consisted of the free standing commercial building and three residential homes. In the 1998 and 2002 Photographs, one of the residential homes was demolished, but everything else remained. In the 2005 Photographs, the current structure and residential home exist at the Subject Property. According to the historical search of the use of the Subject Property, the Subject Property was used for residential homes and the commercial building was called Depot Junction, Roadhouse from early 1950s.

The vicinity area includes generators of hazardous waste (no impact to the Subject Property) in the vicinity area, leaking underground storage tanks (no impact to the Subject Property) and one National Priority List (NPL) Site (AFB) (no impact to the Subject Property). There is a possibility of lead-based paint and asbestos due to the fact that the structures were built in 1950s at the Subject Property. No PCB transformer was found at the property.

We inspected the Subject Property on October 25, 2012. Please see the Photographs in the Attachment 3. We did not observe any condition that raises concern. No Recognized Environmental Conditions were found at the Subject Property.

The following documents, maps, or other publications may have been used in the preparation of this Report.

- American Society for Testing and Materials Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E1527-05).
- American Society for Testing and Materials Guide for Environmental Site Assessments: Transaction Screen Process (ASTM E1528).
- Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA" or "Superfund"), as amended by Superfund Amendments and Reauthorization Act of 1986 ("SARA") and Small Business Liability Relief and Brownfields Revitalization Act of 2002 ("Brownfield Amendments"), 42 U.S.C. §§9601, et. seq. • Resource Conservation and Recovery Act, as amended ("RCRA"), 42 U.S.C. §6901, et. seq.
- Federal Emergency Management Agency, National Flood Insurance Program, Flood Insurance Maps.
- United States Department of Agriculture, Soil Conservation Service, Soil Surveys.
- United States Geological Survey, Topographic Maps.
- United States Department of the Interior, Fish and Wildlife Service, National Wetlands Inventory Map
- RWQCB Geotracker
- DTSC Envirostor
- EDR Report
- R. H. Davis & Co., Ltd. Appraisal Summary Report
- Phase I for Bell Gas and Diesel Mini Market prepared by Geofon Inc., of 4620 Northgate Boulevard, Sacramento on October 24, 2005
- National Water Summary 1986, Hydrologic Events and Ground-Water Quality

8. CONCLUSION AND CERTIFICATION

We have performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 for the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 1 of this Report. This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the Subject Property.

Except for the limitations and exceptions discussed in Section 1.3, this Report complies with the ASTM Standard 1527-05. No additional services beyond the scope of the ASTM Standard 1527-05 were conducted as part of this Report.

This is to certify that based on the assessment of the Subject Property, review of all regulatory agencies files, and a visual site inspection; we hereby recommend no further action at the Subject Property. This means that no additional assessment or investigation is necessary at this time.

The recommendation is based on the review of the regulatory agencies files, the inspection of the area around the Subject Property, the understanding of the status of nearby known or potentially contaminated sites, the distance from the known or potentially contaminated sites to the Subject Property, and the hydrogeological conditions of the subsurface soil and groundwater. Although there is no evidence of soil or groundwater contamination at the Subject Property at this time, it should be noted that there is always a potential of contamination from sources unknown to the regulatory agencies and Mr. Vakili at the time of this Report.

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



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Folsom, California 95630



10/28/2012

Date:



Phase I Environmental Site Assessment Report
Southwest Corner of Bell Avenue & Raley Boulevard, Sacramento County
October 28, 2012

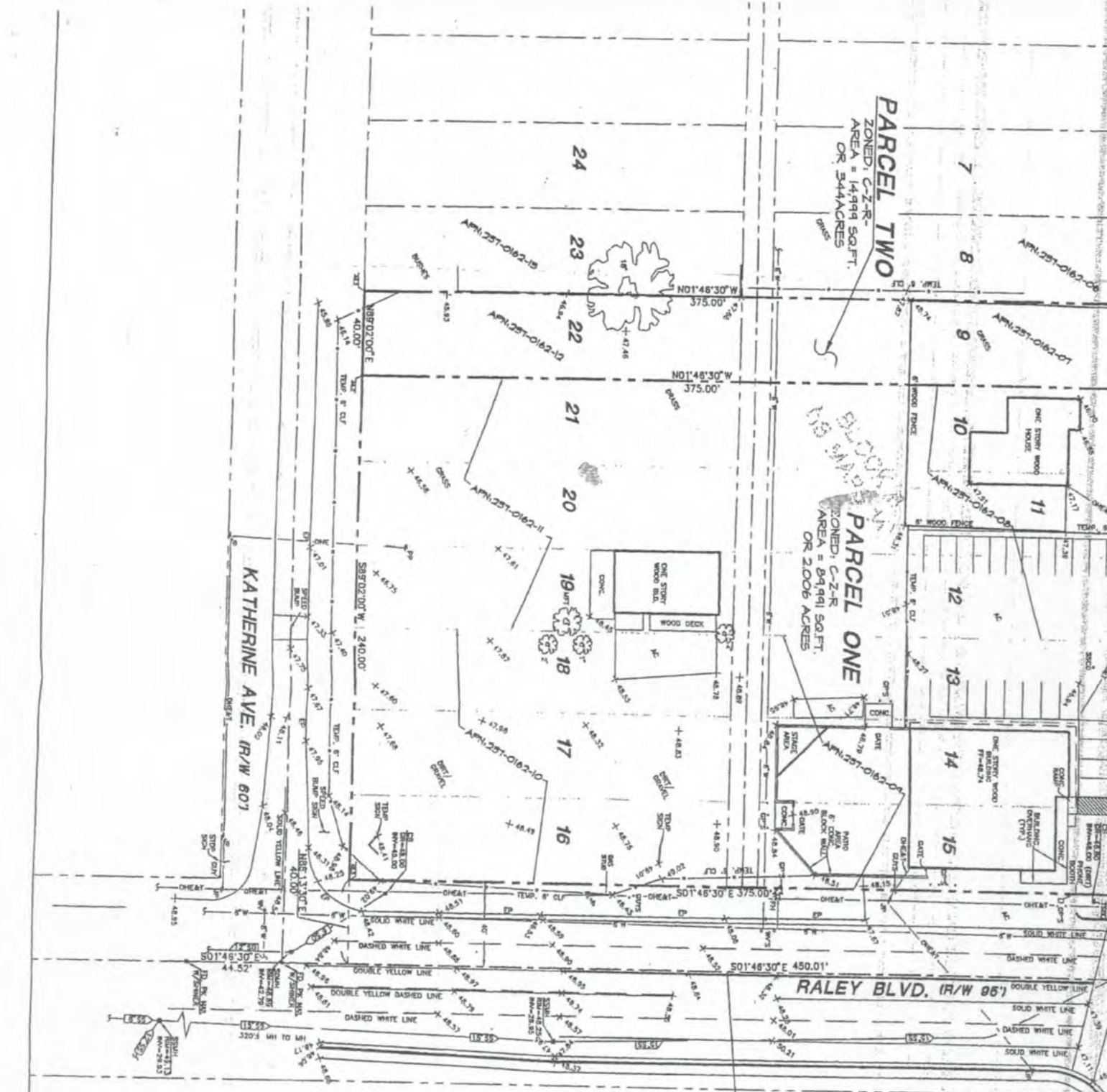
ATTACHMENT 1
FIGURES

Phase I Environmental Site Assessment Report
Southwest Corner of Bell Avenue & Raley Boulevard, Sacramento County
October 28, 2012

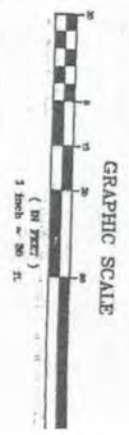
FIGURE 1
SITE PLANS

PARCEL TWO
 ZONED: C-2-R-
 AREA = 14,999 SQ.FT.
 OR 344 ACRES

PARCEL ONE
 ZONED: C-2-R-
 AREA = 84,991 SQ.FT.
 OR 2,006 ACRES



BASIS OF BEARINGS



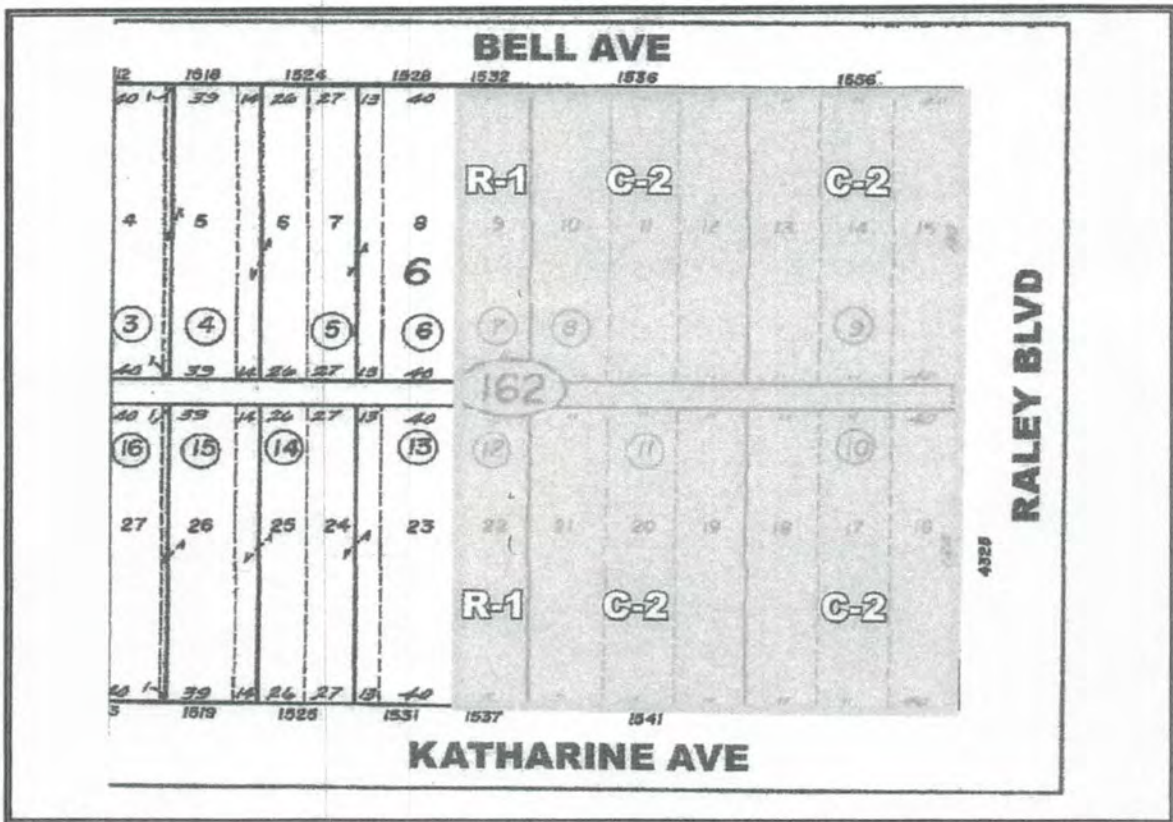
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APPRAISAL-SUMMARY REPORT

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SWC Bell Avenue and Raley Boulevard and
NWC Raley Boulevard and Katharine Avenue
Sacramento, California.



As Of December 19, 2009

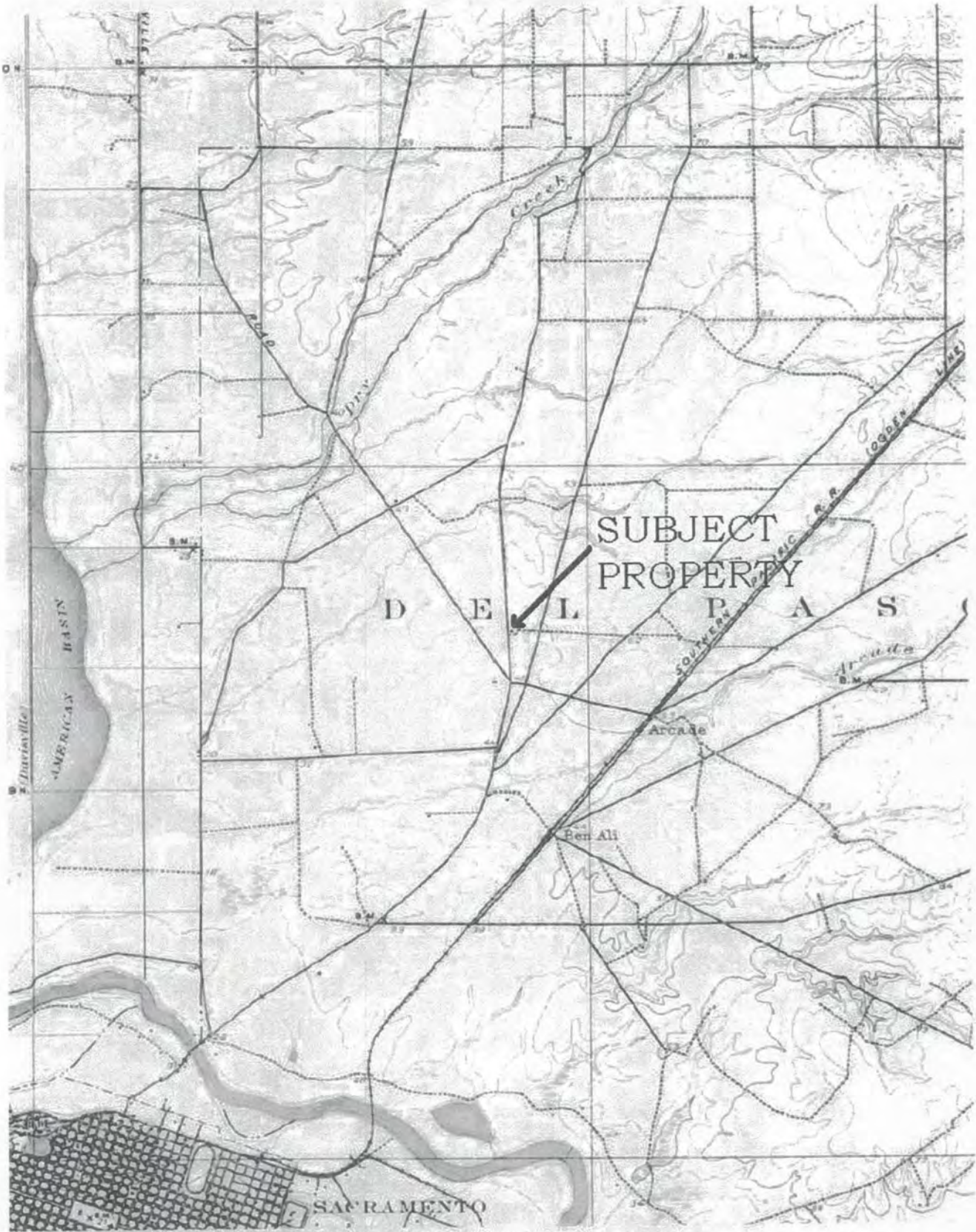
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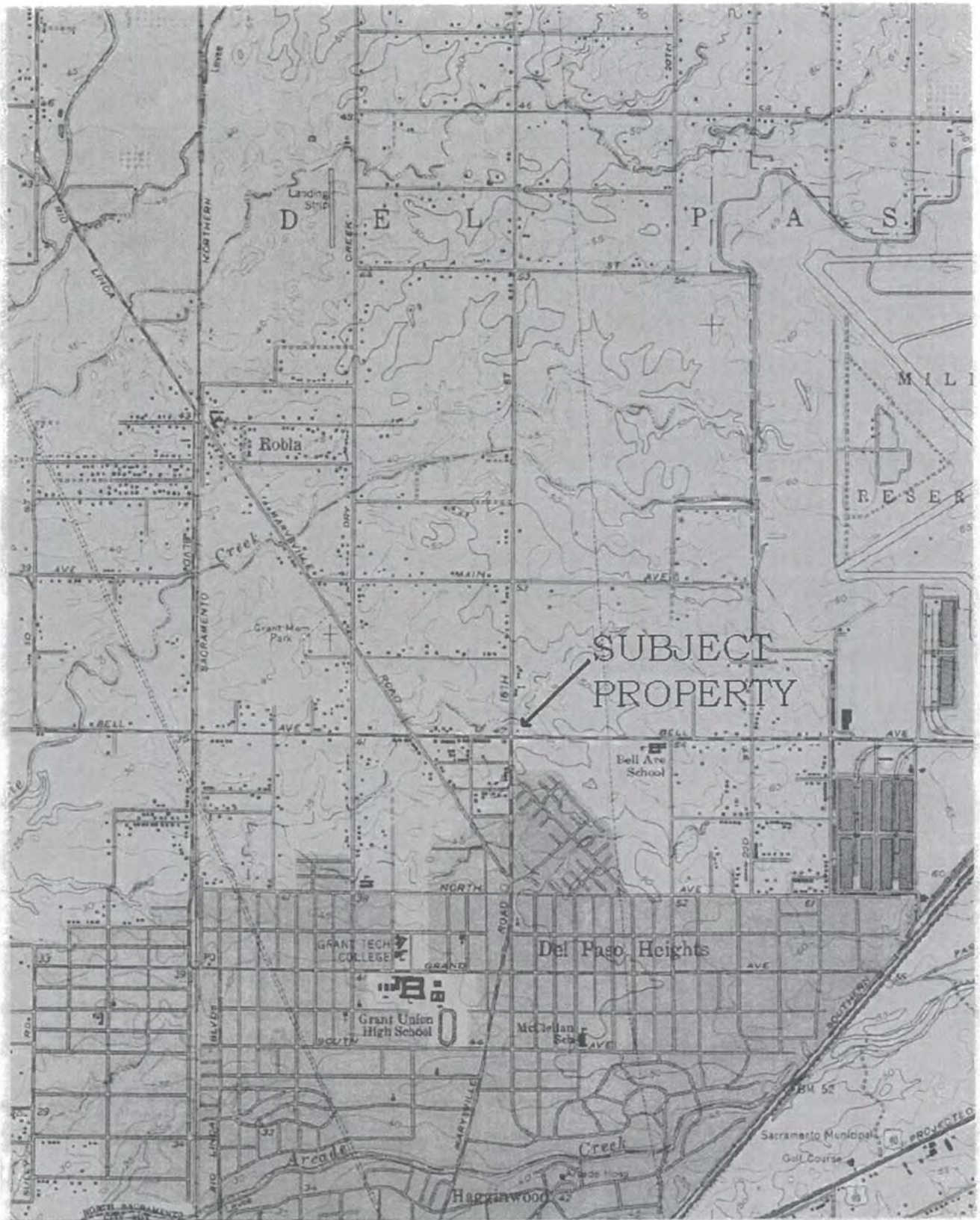
James 4:17

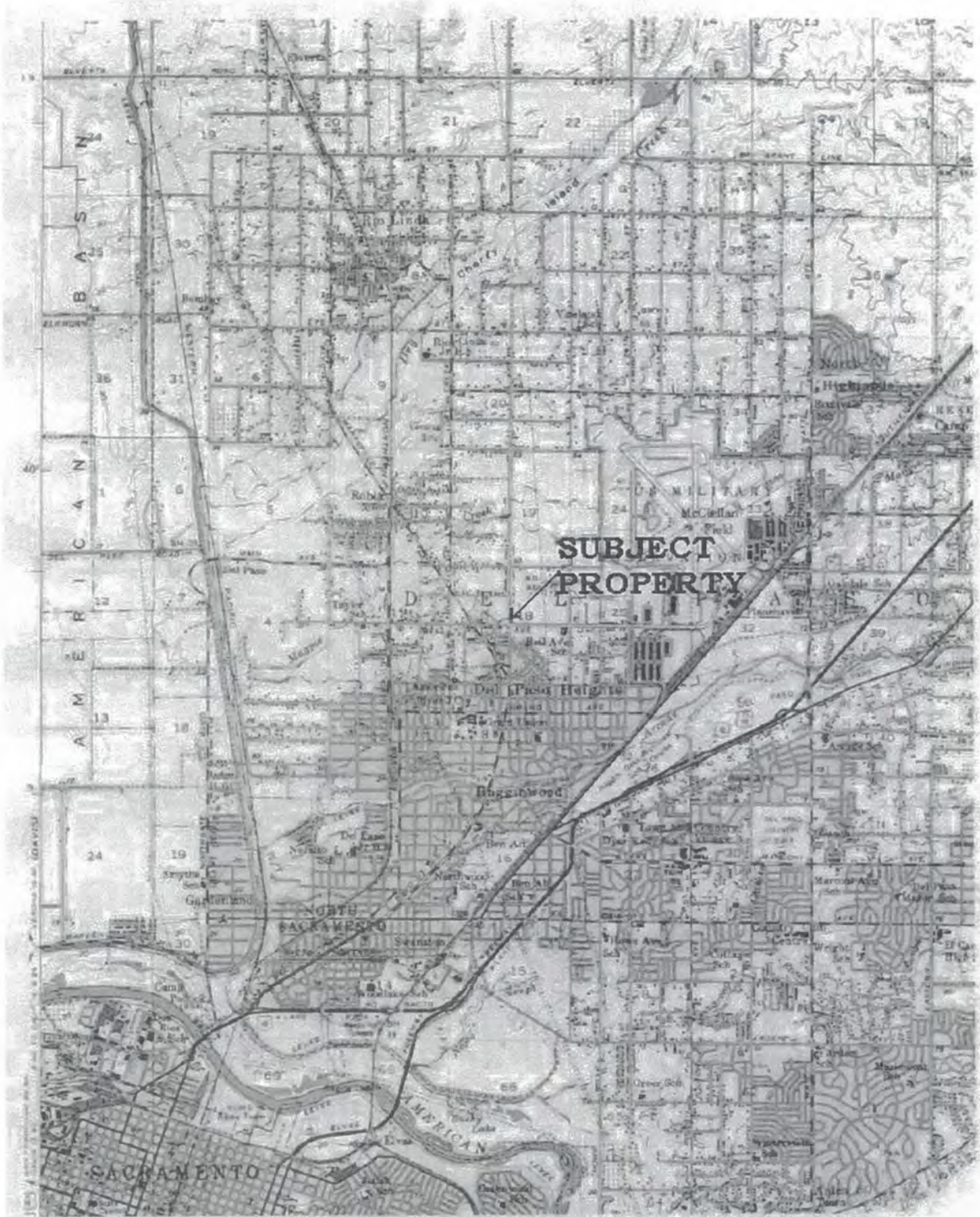
<<(>

Phase I Environmental Site Assessment Report
Southwest Corner of Bell Avenue & Raley Boulevard, Sacramento County
October 28, 2012

FIGURE 2
TOPOGRAPHIC MAPS



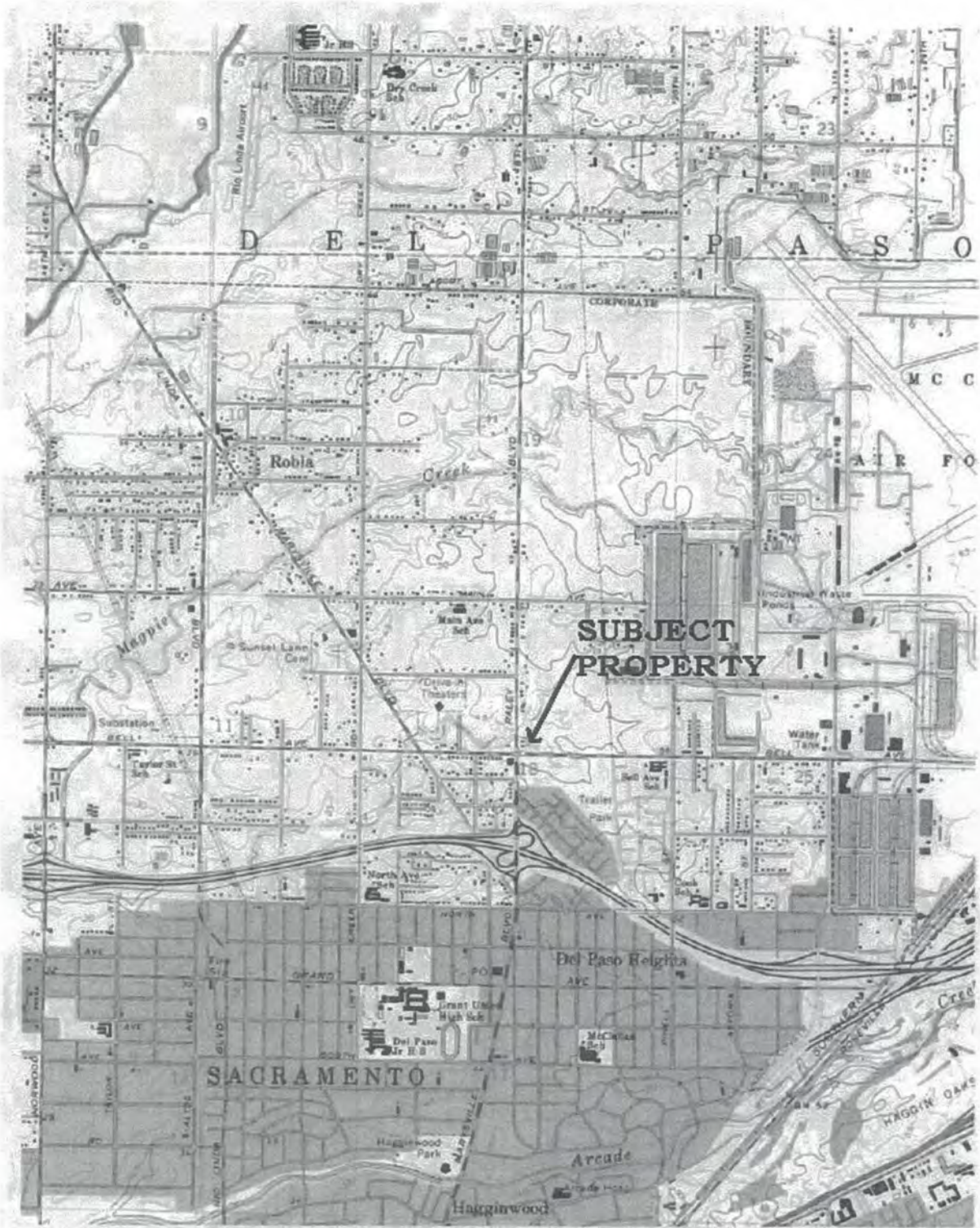




NA EDR INQUIRY# 1517513.4 TARGET QUAD: FAIROAKS. YEAR: 1954 Series: 15 Scale: 1:62,500



N* EDR INQUIRY# 1S17513.4 TARGET QUAD: R10LINDA YEAR: 1967 Series: 7.5 Scale: 1:24,000



N* EDR INQUIRY# 1517513.4 TARGET QUAD: RIOLINDA Photo Revised: 1967-1975 Series: 7.5' Scale: 1:24,000



N^A EDR INQUIRY# 15175134 TARGET QUAD: RIOLINDA YEAR: 1992 Series: 7.5' Scale: 1:24,000

Phase I Environmental Site Assessment Report
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October 28, 2012

ATTACHMENT 2
SOIL, GROUNDWATER AND RADON GAS REPORT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

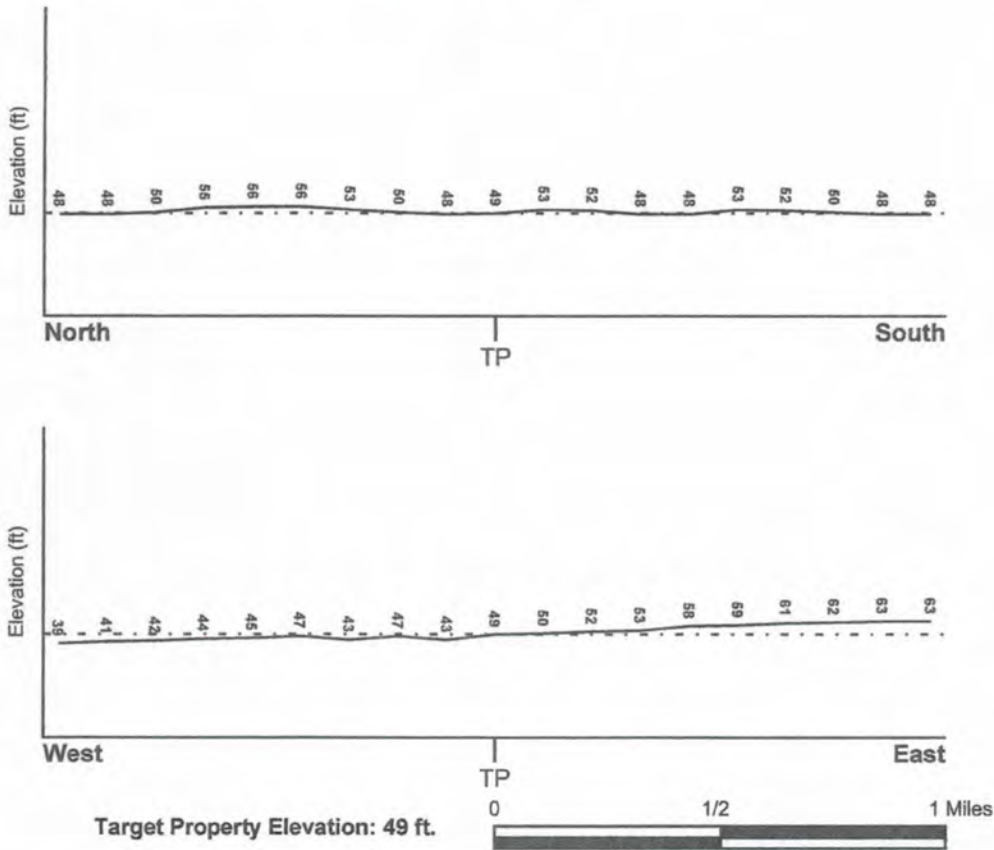
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 38121-F4 RIO LINDA, CA
General Topographic Gradient: General WSW
Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> SACRAMENTO, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	0602660005E
Additional Panels in search area:	0602620070C

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> RIO LINDA	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	--

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: SAN JOAQUIN
Soil Surface Texture: silt loam
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 5.60
2	16 inches	19 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.10
3	19 inches	28 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.06 Min: 0.01	Max: 7.80 Min: 6.10
4	28 inches	60 inches	indurated	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00
5	60 inches	70 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.20 Min: 0.06	Max: 7.80 Min: 6.10

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
sandy loam
clay
fine sandy loam

Surficial Soil Types: loam
sandy loam
clay
fine sandy loam

Shallow Soil Types: clay loam
loam
silty clay loam

Deeper Soil Types: cemented

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

sandy clay loam
clay loam
loamy sand

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B2	USGS3225436	1/2 - 1 Mile SW
A4	USGS3225424	1/2 - 1 Mile South
D6	USGS3225288	1/2 - 1 Mile WNW
D7	USGS3225287	1/2 - 1 Mile WNW
C8	USGS3225258	1/2 - 1 Mile ESE
E10	USGS3225423	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
11	CA3400276	1/2 - 1 Mile SSE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	9004	1/2 - 1 Mile South
B3	9007	1/2 - 1 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
C5	8990	1/2 - 1 Mile East
E9	9003	1/2 - 1 Mile SE
12	9009	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 1517513.2s



- ↖ County Boundary
- ↗ Major Roads
- ~ Contour Lines
- ⚡ Earthquake Fault Lines
- ✈ Airports
- ⊙ Earthquake epicenter, Richter 5 or greater
- ⊙ Water Wells
- ⊙ Public Water Supply Wells
- Cluster of Multiple Icons

- ↑ Groundwater Flow Direction
- ⊙(G) Indeterminate Groundwater Flow at Location
- ⊙(GV) Groundwater Flow Varies at Location
- ⊙(HD) Closest Hydrogeological Data
- Oil, gas or related wells



GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
South
1/2 - 1 Mile
Higher

CA WELLS 9004

Water System Information:

Prime Station Code: 09N/05E-15D01 M	User ID: TEN
FRDS Number: 3410020035	County: Sacramento
District Number: 09	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Active Raw
Source Lat/Long: 383825.0 1212535.0	Precision: 0.5 Mile (30 Seconds)
Source Name: WELL 131	
System Number: 3410020	
System Name: Sacramento, City of	
Organization That Operates System: 1391 35th Avenue Sacramento, Ca 95822	
Pop Served: 374600	Connections: 120339
Area Served: SACRAMENTO MAIN	

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/12/1989	Findings:	.230 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/11/1989	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/11/1989	Findings:	.410 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/13/1989	Findings:	.330 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/13/1990	Findings:	.350 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/16/1991	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/16/1991	Findings:	278.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/16/1991	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	01/16/1991	Findings:	100.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/16/1991	Findings:	122.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/16/1991	Findings:	90.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/16/1991	Findings:	16.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/16/1991	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/16/1991	Findings:	24.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/16/1991	Findings:	27.000 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/16/1991	Findings:	68.000 MG/L
Chemical:	SILICA		
Sample Collected:	01/16/1991	Findings:	260.000 UG/L
Chemical:	BARIUM		
Sample Collected:	01/16/1991	Findings:	239.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/16/1991	Findings:	- .880
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	01/16/1991	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/17/1991	Findings:	.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/26/1991	Findings:	63.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	08/26/1991	Findings:	430.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	01/16/1992	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/16/1992	Findings:	278.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/16/1992	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	01/16/1992	Findings:	100.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/16/1992	Findings:	122.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/16/1992	Findings:	90.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/16/1992	Findings:	16.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/16/1992	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/16/1992	Findings:	24.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/16/1992	Findings:	27.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/16/1992	Findings:	68.000 MG/L
Chemical:	SILICA		
Sample Collected:	01/16/1992	Findings:	260.000 UG/L
Chemical:	BARIUM		
Sample Collected:	01/16/1992	Findings:	239.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/16/1992	Findings:	- .880
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	01/16/1992	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/12/1994	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1994	Findings:	15.600 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/12/1994	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/12/1994	Findings:	290.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/12/1994	Findings:	7.300
Chemical:	PH (LABORATORY)		
Sample Collected:	01/12/1994	Findings:	101.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	01/12/1994	Findings:	123.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/12/1994	Findings:	560.000 UG/L
Chemical:	NITRATE NITROGEN (NO ₃ -N)		
Sample Collected:	01/12/1994	Findings:	88.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/12/1994	Findings:	12.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/12/1994	Findings:	14.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/12/1994	Findings:	22.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/12/1994	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/12/1994	Findings:	26.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/12/1994	Findings:	76.000 MG/L
Chemical:	SILICA		
Sample Collected:	01/12/1994	Findings:	6.000 UG/L
Chemical:	LEAD		
Sample Collected:	01/12/1994	Findings:	241.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/12/1994	Findings:	- 1.320
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	01/12/1994	Findings:	2.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/12/1994	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/12/1994	Findings:	560.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/10/1994	Findings:	.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/03/1995	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/11/1995	Findings:	.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/11/1995	Findings:	2.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/11/1995	Findings:	540.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08/30/1995	Findings:	.290 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/07/1996	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/07/1996	Findings:	297.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/07/1996	Findings:	7.200
Chemical:	PH (LABORATORY)		
Sample Collected:	05/07/1996	Findings:	101.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/07/1996	Findings:	123.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/07/1996	Findings:	96.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/07/1996	Findings:	17.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/07/1996	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/07/1996	Findings:	21.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/07/1996	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/07/1996	Findings:	23.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/07/1996	Findings:	96.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/07/1996	Findings:	6.900 UG/L
Chemical:	LEAD		
Sample Collected:	05/07/1996	Findings:	235.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/07/1996	Findings:	2.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/07/1996	Findings:	10.800
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	05/07/1996	Findings:	560.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/05/1997	Findings:	2.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/05/1997	Findings:	540.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

B2
SW
1/2 - 1 Mile
Lower

FED USGS USGS3225436

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	383830121260301
Site name:	009N005E16B001M		
Latitude:	383830		
Longitude:	1212603	Dec lat:	38.64157058
Dec lon:	-121.43523162	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	067
Country:	US	Land net:	Not Reported
Location map:	RIO LINDA	Map scale:	24000
Altitude:	38.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Lower American. California. Area = 299 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19650501
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	375	Hole depth:	408
Source of depth data:	other government (other than USGS)	Object number:	0479423712
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

B3
SW
 1/2 - 1 Mile
 Lower

CA WELLS 9007

Water System Information:

Prime Station Code:	09N/05E-16B01 M	User ID:	TEN
FRDS Number:	3410020041	County:	Sacramento
District Number:	09	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	383830.0 1212605.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 138		
System Number:	3410020		
System Name:	Sacramento, City of		
Organization That Operates System:	1391 35th Avenue Sacramento, Ca 95822		
Pop Served:	374600	Connections:	120339
Area Served:	SACRAMENTO MAIN		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	04/12/1988	Findings:	1.100 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	04/12/1988	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/15/1988	Findings:	.180 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/15/1989	Findings:	.220 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/11/1989	Findings:	.350 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/14/1989	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/14/1989	Findings:	.470 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/13/1990	Findings:	.350 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/16/1991	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/16/1991	Findings:	279.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/16/1991	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	01/16/1991	Findings:	96.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	01/16/1991	Findings:	117.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/16/1991	Findings:	84.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/16/1991	Findings:	15.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/16/1991	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/16/1991	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/16/1991	Findings:	29.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/16/1991	Findings:	.130 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/16/1991	Findings:	63.000 MG/L
Chemical:	SILICA		
Sample Collected:	01/16/1991	Findings:	240.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/16/1991	Findings:	-.930
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	01/16/1991	Findings:	3.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/16/1991	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/17/1991	Findings:	.290 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/26/1991	Findings:	73.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	08/26/1991	Findings:	700.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	01/16/1992	Findings:	1.000 UNITS
Chemical:	COLOR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/16/1992	Findings:	279.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/16/1992	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	01/16/1992	Findings:	96.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	01/16/1992	Findings:	117.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/16/1992	Findings:	84.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/16/1992	Findings:	15.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/16/1992	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/16/1992	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/16/1992	Findings:	29.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/16/1992	Findings:	.130 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/16/1992	Findings:	63.000 MG/L
Chemical:	SILICA		
Sample Collected:	01/16/1992	Findings:	240.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/16/1992	Findings:	-.930
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	01/16/1992	Findings:	3.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/16/1992	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/12/1994	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1994	Findings:	15.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/12/1994	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/12/1994	Findings:	292.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/12/1994	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	01/12/1994	Findings:	98.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	01/12/1994	Findings:	120.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/12/1994	Findings:	1240.000 UG/L
Chemical:	NITRATE NITROGEN (NO ₃ -N)		
Sample Collected:	01/12/1994	Findings:	85.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/12/1994	Findings:	14.000 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/12/1994	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/12/1994	Findings:	26.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/12/1994	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/12/1994	Findings:	27.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/12/1994	Findings:	.130 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/12/1994	Findings:	77.000 MG/L
Chemical:	SILICA		
Sample Collected:	01/12/1994	Findings:	7.000 UG/L
Chemical:	LEAD		
Sample Collected:	01/12/1994	Findings:	240.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/12/1994	Findings:	- 1.160
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	01/12/1994	Findings:	5.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/12/1994	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/12/1994	Findings:	1240.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/10/1994	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/03/1995	Findings:	.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/07/1995	Findings:	.900 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	05/09/1995	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/09/1995	Findings:	5.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/09/1995	Findings:	1220.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08/30/1995	Findings:	1.370 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/30/1995	Findings:	.680 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/07/1996	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/07/1996	Findings:	305.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/07/1996	Findings:	7.200
Chemical:	PH (LABORATORY)		
Sample Collected:	05/07/1996	Findings:	89.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/07/1996	Findings:	109.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/07/1996	Findings:	86.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/07/1996	Findings:	17.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/07/1996	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/07/1996	Findings:	26.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/07/1996	Findings:	2.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/07/1996	Findings:	25.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/07/1996	Findings:	.130 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/07/1996	Findings:	84.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/07/1996	Findings:	11.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	05/07/1996	Findings:	7.700 UG/L
Chemical:	LEAD		
Sample Collected:	05/07/1996	Findings:	245.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/07/1996	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/07/1996	Findings:	10.800
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	05/07/1996	Findings:	1350.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/12/1997	Findings:	5.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/12/1997	Findings:	1300.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

A4
South
1/2 - 1 Mile
Higher

FED USGS USGS3225424

Agency cd:	USGS	Site no:	383822121253401
Site name:	009N005E15D001M		
Latitude:	383822		
Longitude:	1212534	Dec lat:	38.63934843
Dec lon:	-121.42717584	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	067
Country:	US	Land net:	Not Reported
Location map:	RIO LINDA	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	52.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Lower American. California. Area = 299 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	270	Hole depth:	Not Reported
Source of depth data:	other government (other than USGS)	Subject number:	0479423712
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

C5
East
1/2 - 1 Mile
Higher

CA WELLS 8990

Water System Information:

Prime Station Code:	09N/05E-10K01 M	User ID:	TEN
FRDS Number:	3410020047	County:	Sacramento
District Number:	09	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	383845.0 1212455.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 150		
System Number:	3410020		
System Name:	Sacramento, City of		
Organization That Operates System:	1391 35th Avenue Sacramento, Ca 95822		
Pop Served:	374600	Connections:	120339
Area Served:	SACRAMENTO MAIN		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	07/25/1988	Findings:	.540 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/28/1988	Findings:	.550 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/08/1988	Findings:	.790 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/11/1988	Findings:	.660 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/31/1988	Findings:	.660 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/07/1988	Findings:	.870 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/15/1989	Findings:	.230 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/11/1989	Findings:	.160 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/14/1989	Findings:	.350 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

D6
WNW
 1/2 - 1 Mile
 Lower

FED USGS USGS3225288

Agency cd:	USGS	Site no:	383905121262402
Site name:	009N005E09F002M		
Latitude:	383905		
Longitude:	1212624	Dec lat:	38.65129255
Dec lon:	-121.44106513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	067
Country:	US	Land net:	Not Reported
Location map:	RIO LINDA	Map scale:	24000
Altitude:	45.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Lower American, California. Area = 299 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19730101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	244	Hole depth:	Not Reported
Source of depth data:	other reported	Project number:	0479423712
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D7
WNW
 1/2 - 1 Mile
 Lower

FED USGS USGS3225287

Agency cd:	USGS	Site no:	383905121262401
Site name:	009N005E09F001M		
Latitude:	383905		
Longitude:	1212624	Dec lat:	38.65129255
Dec lon:	-121.44106513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	067
Country:	US	Land net:	Not Reported
Location map:	RIO LINDA	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	45.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Lower American. California. Area = 299 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19600810
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	159	Hole depth:	160
Source of depth data:	driller	Project number:	0479423712
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1969-07-24
Water quality data end date:	1971-08-03	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**C8
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS3225258

Agency cd:	USGS	Site no:	383843121245401
Site name:	009N005E10K001M		
Latitude:	383843		
Longitude:	1212454	Dec lat:	38.64518165
Dec lon:	-121.41606446	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	067
Country:	US	Land net:	Not Reported
Location map:	RIO LINDA	Map scale:	24000
Altitude:	55.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Lower American. California. Area = 299 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19660101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	372	Hole depth:	380
Source of depth data:	other government (other than USGS)	Project number:	0479423712
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E9
SE
1/2 - 1 Mile
Higher

CA WELLS 9003

Water System Information:

Prime Station Code: 09N/05E-15B01 M	User ID: TEN
FRDS Number: 3410020036	County: Sacramento
District Number: 09	Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type: Well/Groundwater	Well Status: Inactive Untreated
Source Lat/Long: 383823.0 1212458.0	Precision: 1,000 Feet (10 Seconds)
Source Name: WELL 132 - INACTIVE	
System Number: 3410020	
System Name: Sacramento, City of	
Organization That Operates System: 1391 35th Avenue Sacramento, Ca 95822	
Pop Served: 374600	Connections: 120339
Area Served: SACRAMENTO MAIN	

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected: 02/05/1988	Findings:	4.200 UG/L
Chemical: BROMOFORM (THM)		
Sample Collected: 03/10/1988	Findings:	.940 UG/L
Chemical: BROMOFORM (THM)		
Sample Collected: 06/12/1989	Findings:	.180 PCI/L
Chemical: GROSS ALPHA COUNTING ERROR		
Sample Collected: 09/11/1989	Findings:	.120 PCI/L
Chemical: GROSS ALPHA COUNTING ERROR		
Sample Collected: 12/14/1989	Findings:	.340 PCI/L
Chemical: GROSS ALPHA COUNTING ERROR		
Sample Collected: 03/30/1990	Findings:	1.500 PCI/L
Chemical: GROSS ALPHA		
Sample Collected: 03/30/1990	Findings:	.430 PCI/L
Chemical: GROSS ALPHA COUNTING ERROR		

E10
SE
1/2 - 1 Mile
Higher

FED USGS USGS3225423

Agency cd: USGS	Site no: 383822121245901	
Site name: 009N005E15B001M		
Latitude: 383822	Dec lat: 38.63934845	
Longitude: 1212459	Coor meth: M	
Dec lon: -121.41745337	Latlong datum: NAD27	
Coor accr: S	District: 06	
Dec latlong datum: NAD83	County: 067	
State: 06	Land net: Not Reported	
Country: US	Map scale: 24000	
Location map: RIO LINDA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	55.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Lower American. California. Area = 299 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19610901
Date inventoried:	19820921	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Mixed - confined and unconfined multiple aquifers		
Aquifer:	MERTEN FORMATION (PLIOCENE-MIOCENE)		
Well depth:	300	Hole depth:	300
Source of depth data:	driller	Project number:	0479423712
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1982-09-21
Water quality data end date:	1982-09-21	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

11
SSE
1/2 - 1 Mile
Higher

FRDS PWS CA3400276

PWS ID:	CA3400276	PWS Status:	Active
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	NATOMAS UNION SCHOOL NATOMAS UNION SCHOOL 3700 DEL PASO RD SACRAMENTO, CA 95838		

Addressee / Facility: System Owner/Responsible Party
NATOMAS UNION SCHOOL
3700 DEL PASO ROAD
SACRAMENTO, CA 95838

Facility Latitude:	38 38 09	Facility Longitude:	121 25 09
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000130

PWS currently has or had major violation(s) or enforcement: Yes

VIOLATIONS INFORMATION:

Violation ID:	94V0001	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	07/01/93	Vio. end Date:	12/31/93	Vio. Period:	006 Months
Num required Samples:	Not Reported	Number of Samples Taken:	Not Reported		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Initial Tap Sampling for Pb and Cu				
Contaminant:	LEAD & COPPER RULE				
Vio. Awareness Date:	Not Reported				

ENFORCEMENT INFORMATION:

System Name:	NATOMAS UNION SCHOOL	Analytical Value:	0000000.000000000
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	94E0001
Contaminant:	LEAD & COPPER RULE	Enf. Action:	Fed Formal NOV Issued
Compliance Period:	1993-07-01 - 2015-12-31		
Violation ID:	94V0001		
Enforcement Date:	1994-08-11		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	NATOMAS UNION SCHOOL	
Violation Type:	Initial Tap Sampling for Pb and Cu	
Contaminant:	LEAD & COPPER RULE	
Compliance Period:	1993-07-01 - 2015-12-31	Analytical Value: 0000000.000000000
Violation ID:	94V0001	Enforcement ID: 95E0001
Enforcement Date:	1994-12-15	Enf. Action: Fed Compliance Achieved

12
SSW
1/2 - 1 Mile
Lower

CA WELLS 9009

Water System Information:

Prime Station Code:	09N/05E-16G01 M	User ID:	34C
FRDS Number:	3400259001	County:	Sacramento
District Number:	64	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	383806.0 1212606.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL A		
System Number:	3400259		
System Name:	GRANT-DEL PASO SYS		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON**

AREA RADON INFORMATION

Federal EPA Radon Zone for SACRAMENTO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SACRAMENTO COUNTY, CA

Number of sites tested: 52

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.665 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.200 pCi/L	100%	0%	0%
Basement	8.350 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services
Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information

Source: USGS
Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

Phase I Environmental Site Assessment Report
Southwest Corner of Bell Avenue & Raley Boulevard, Sacramento County
October 28, 2012

ATTACHMENT 3
PHOTOGRAPHS

Phase I Environmental Site Assessment Report
Southwest Corner of Bell Avenue & Raley Boulevard, Sacramento County
October 28, 2012

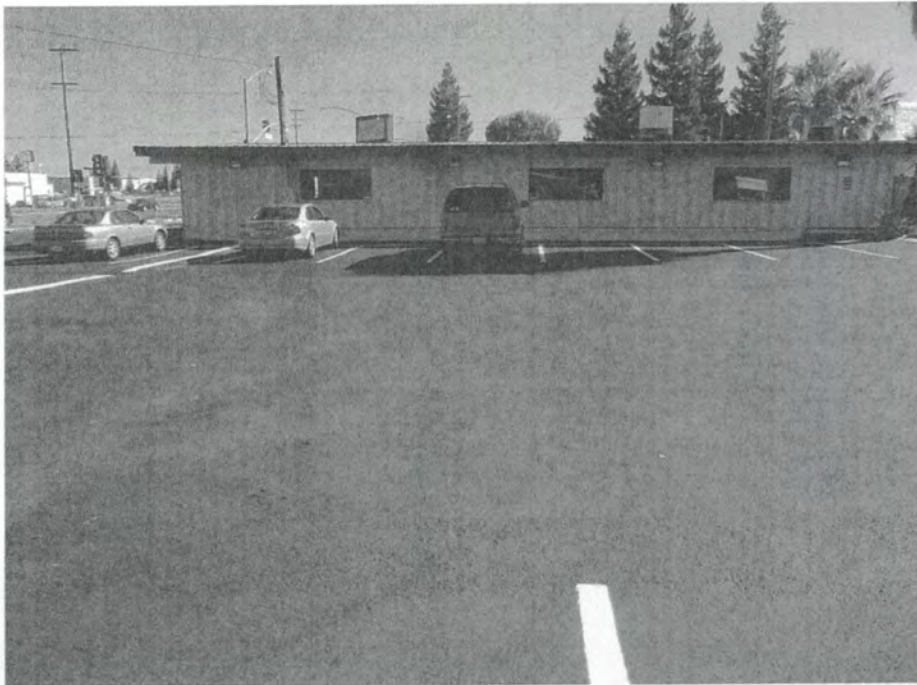


Photo 1: Looking east at the Subject Property

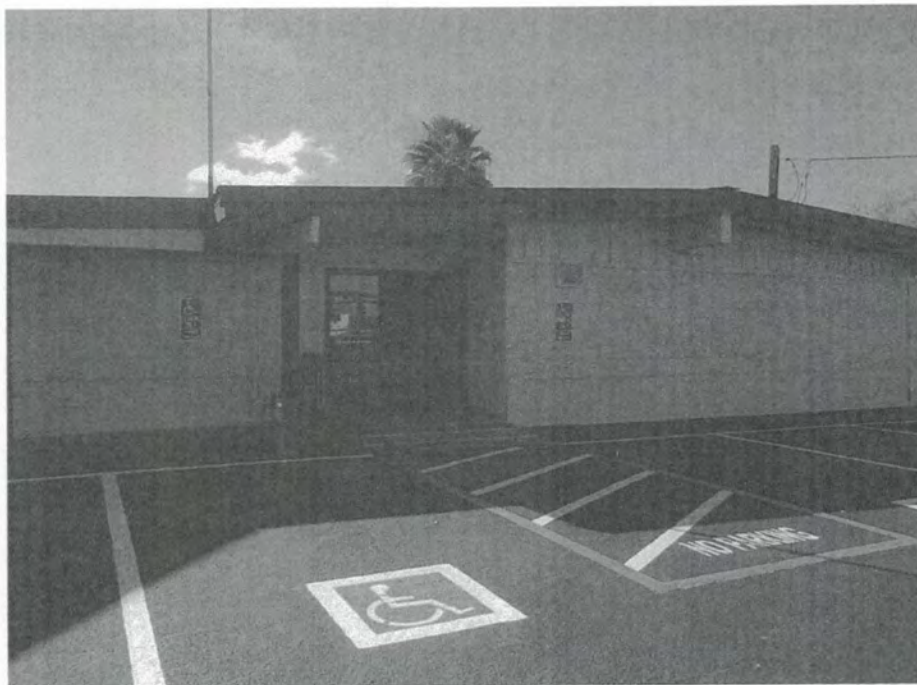


Photo 2: Looking south at the Subject Property



Photo 3: Looking west at the parking area

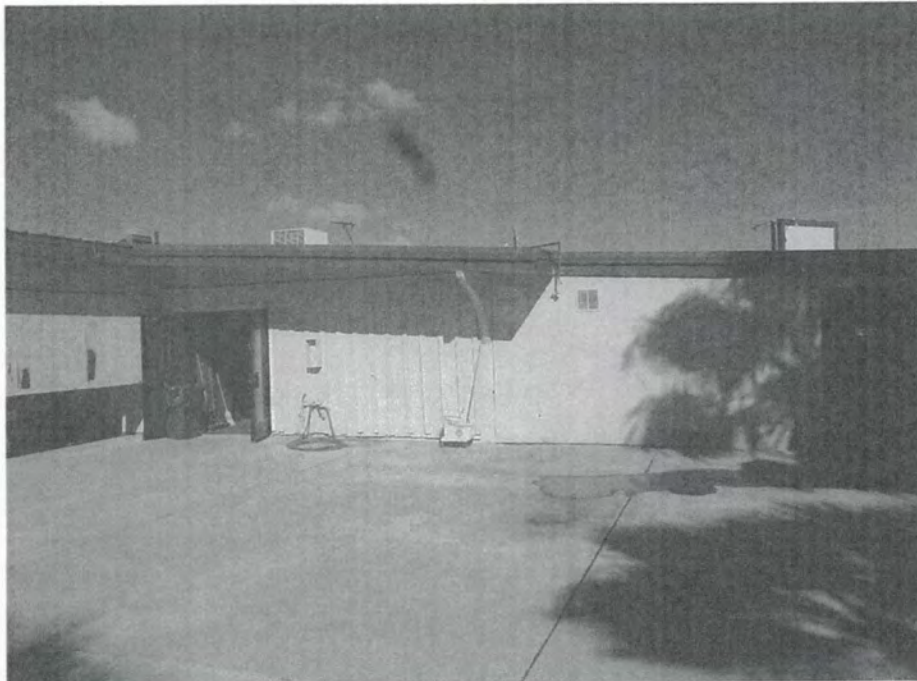


Photo 4: Looking north at the back of the property

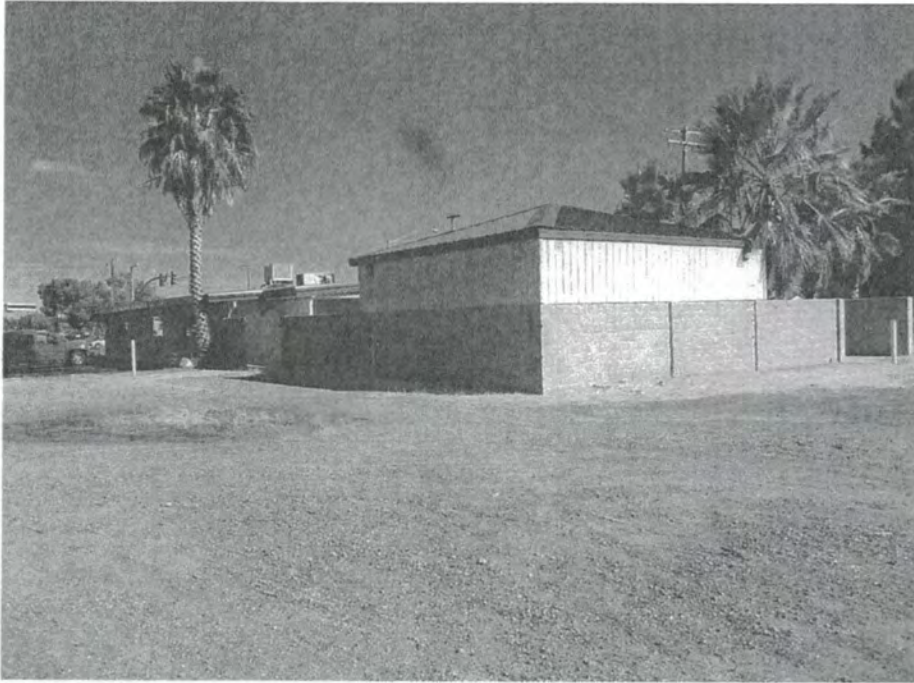


Photo 5: Looking northeast at the Subject Property

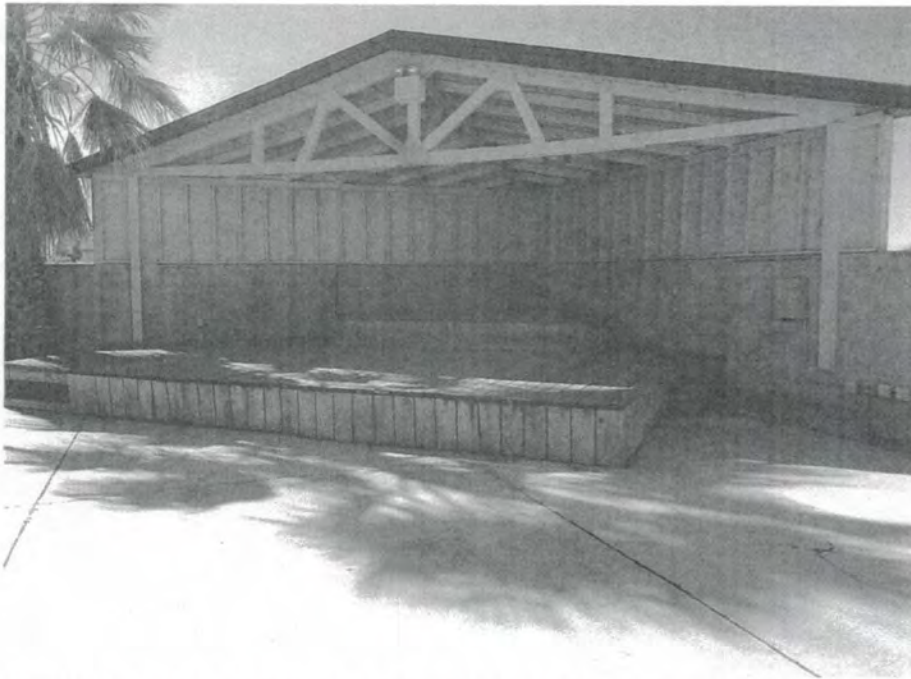


Photo 6: Looking south at the side of the property

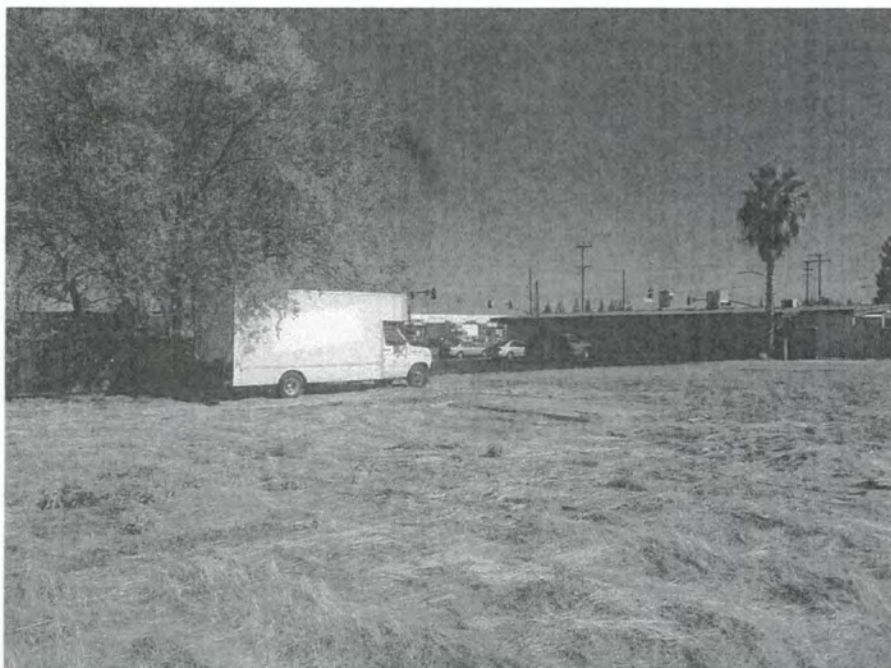


Photo 7: Looking northeast at one of the vacant parcels

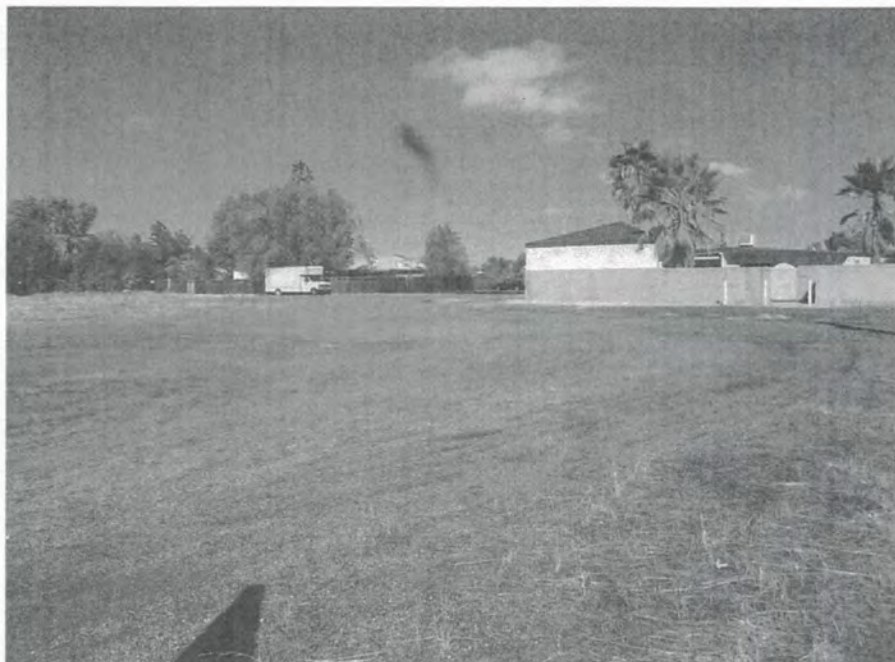


Photo 8: Looking north at one of the vacant parcels

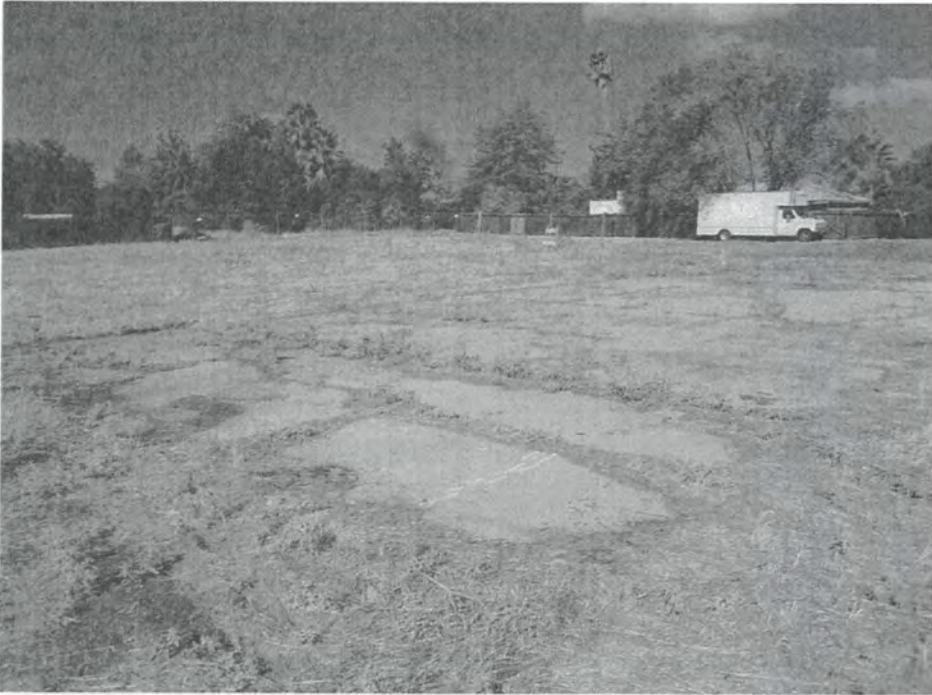


Photo 9: Looking west at the foundation of an old building



Photo 10: Looking northwest at the residential home

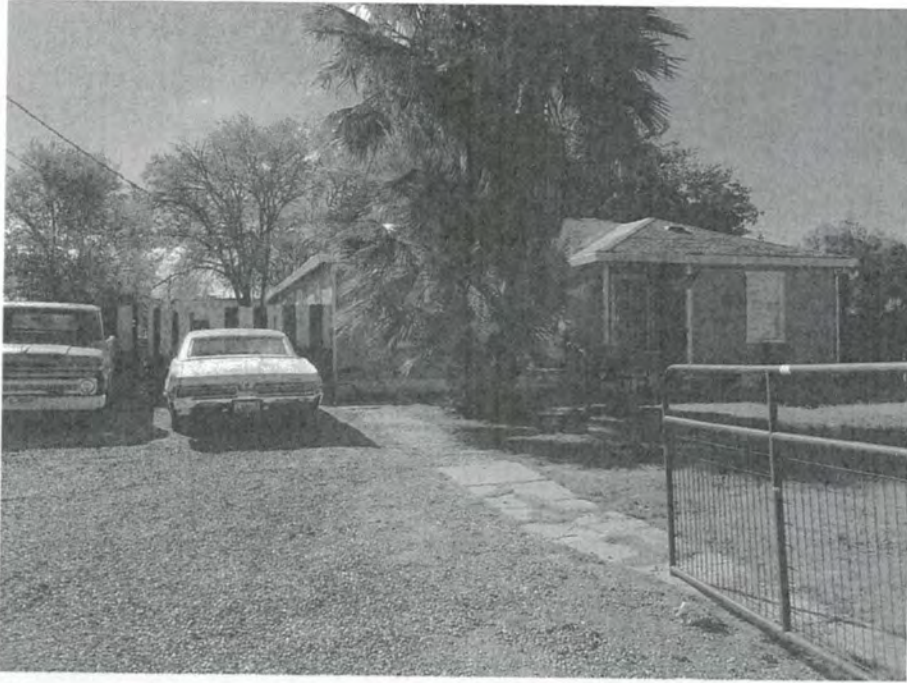


Photo 11: Looking south at the front of the residential home



Photo 12: Looking north at the side of the building

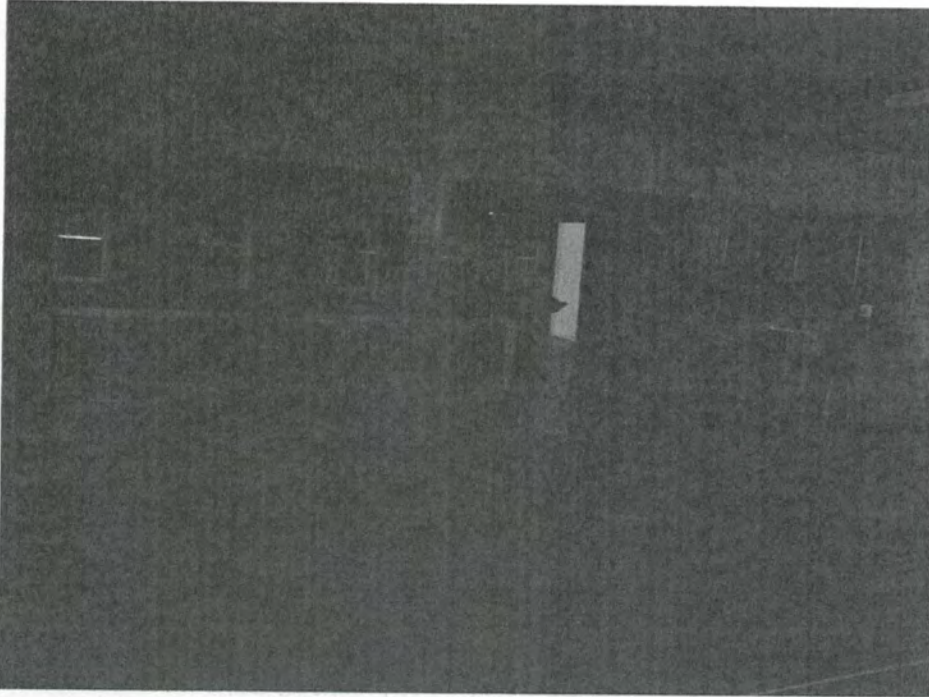


Photo 13: Inside of the building

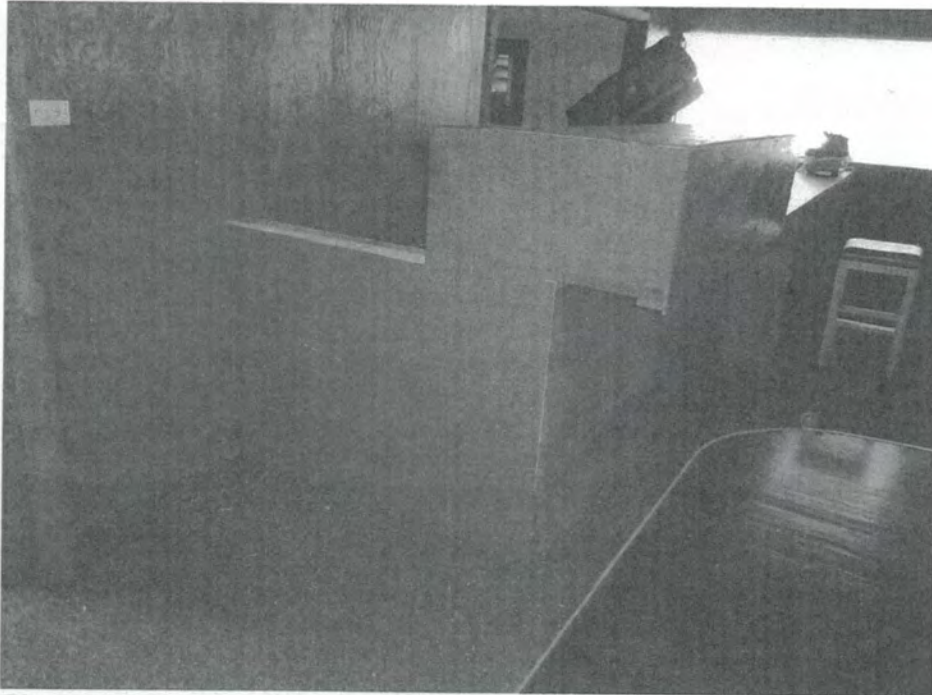


Photo 14: Inside of the building

Phase I Environmental Site Assessment Report
Southwest Corner of Bell Avenue & Raley Boulevard, Sacramento County
October 28, 2012

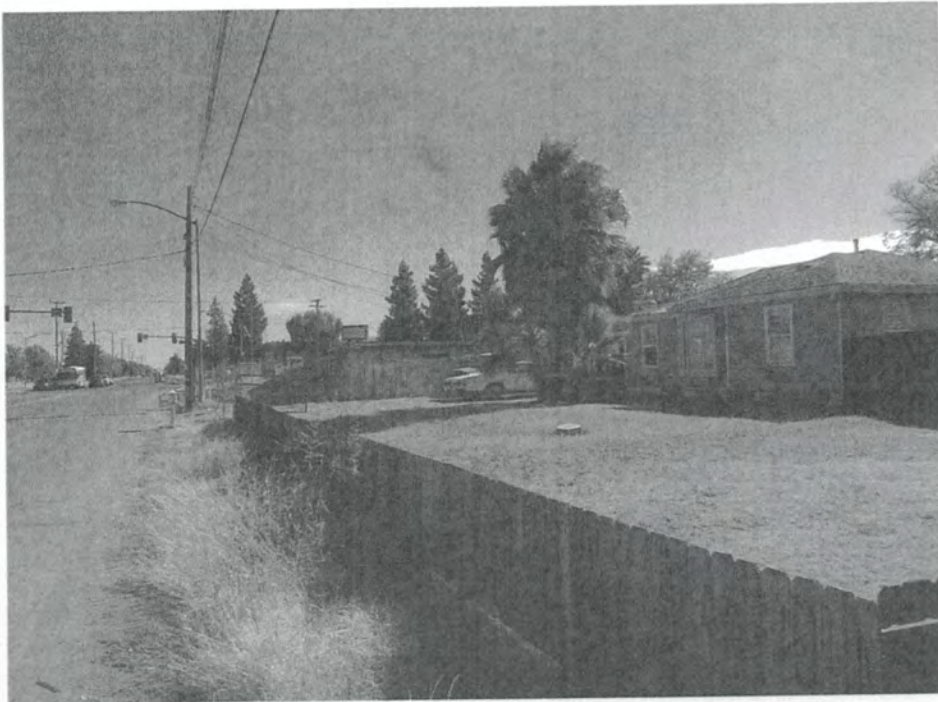


Photo 15: Looking east at the side of the properties



Photo 16: Looking at the intersection of Raley Boulevard and Bell Avenue

ATTACHMENT 4
EDR RADIUS MAP REPORT

Geotitles

Page 1 of 1

BELL AVENUE

Raley Boulevard

- 1. [Illegible]
- 2. [Illegible]
- 3. [Illegible]
- 4. [Illegible]
- 5. [Illegible]
- 6. [Illegible]
- 7. [Illegible]
- 8. [Illegible]
- 9. [Illegible]
- 10. [Illegible]



EXECUTIVE SUMMARY

CERC-NFRAP.....	CERCLIS No Further Remedial Action Planned
RCRA-LQG.....	Resource Conservation and Recovery Act Information
ERNS.....	Emergency Response Notification System

STATE ASTM STANDARD

AWP.....	Annual Workplan Sites
Cal-Sites.....	Calsites Database
CHMIRS.....	California Hazardous Material Incident Report System
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
Notify 65.....	Proposition 65 Records
Toxic Pits.....	Toxic Pits Cleanup Act Sites
SWF/LF.....	Solid Waste Information System
WMUDS/SWAT.....	Waste Management Unit Database
CA BOND EXP. PLAN.....	Bond Expenditure Plan
VCP.....	Voluntary Cleanup Program Properties
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT.....	Superfund (CERCLA) Consent Decrees
Delisted NPL.....	National Priority List Deletions
FINDS.....	Facility Index System/Facility Registry System
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
INDIAN RESERV.....	Indian Reservations
UMTRA.....	Uranium Mill Tailings Sites
ODI.....	Open Dump Inventory
FUDS.....	Formerly Used Defense Sites
RAATS.....	RCRA Administrative Action Tracking System
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
SSTS.....	Section 7 Tracking Systems
FTTS INSP.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST.....	Aboveground Petroleum Storage Tank Facilities
CLEANERS.....	Cleaner Facilities
CA WDS.....	Waste Discharge System
DEED.....	Deed Restriction Listing
SCH.....	School Property Evaluation Program
REF.....	Unconfirmed Properties Referred to Another Agency
WIP.....	Well Investigation Program Case List
EMI.....	Emissions Inventory Data
NFA.....	No Further Action Determination
NFE.....	Properties Needing Further Evaluation
SLIC.....	Statewide SLIC Cases
HAZNET.....	Facility and Manifest Data

EXECUTIVE SUMMARY

BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites
US INST CONTROL..... Sites with Institutional Controls
VCP..... Voluntary Cleanup Program Properties

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

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

FEDERAL ASTM STANDARD

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/01/2005 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AFBCA/DD-MCCLELLAN</i>	<i>3411 OLSON ST</i>	<i>1/4 - 1/2 NE</i>	<i>0</i>	<i>10</i>

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

A review of the CERCLIS list, as provided by EDR, and dated 06/27/2005 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AFBCA/DD-MCCLELLAN</i>	<i>3411 OLSON ST</i>	<i>1/4 - 1/2 NE</i>	<i>0</i>	<i>10</i>

EXECUTIVE SUMMARY

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/28/2005 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AFBCA/DD-MCCLELLAN	3411 OLSON ST	1/4 - 1/2 NE	0	10

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (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 offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 05/20/2005 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AFBCA/DD-MCCLELLAN	3411 OLSON ST	1/4 - 1/2 NE	0	10

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (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 offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 05/20/2005 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON STATION NO 91069	4221 RALEY BLVD	1/8 - 1/4 S	B8	29

EXECUTIVE SUMMARY

STATE ASTM STANDARD

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/11/2005 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GUERRAS AM/PM	1595 BELL AVE	0 - 1/8 W	A5	23

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 07/11/2005 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GUERRAS AM/PM	1595 BELL AVE	0 - 1/8 W	A5	23

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
91069	4221 RALEY BLVD	1/8 - 1/4 S	B7	28

SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON #91069	4221 RALEY BLVD	1/8 - 1/4 S	B6	25

FEDERAL ASTM SUPPLEMENTAL

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

A review of the ROD list, as provided by EDR, has revealed that there is 1 ROD site within

EXECUTIVE SUMMARY

approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AFBCA/DD-MCCLELLAN</i>	<i>3411 OLSON ST</i>	<i>1/4 - 1/2NE</i>	<i>0</i>	<i>10</i>

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

A review of the DOD list, as provided by EDR, and dated 10/01/2003 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MCCLELLAN AIR FORCE BASE (SCHE		1/2 - 1 E	0	9

ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AFBCA/DD-MCCLELLAN</i>	<i>3411 OLSON ST</i>	<i>1/4 - 1/2NE</i>	<i>0</i>	<i>10</i>

STATE OR LOCAL ASTM SUPPLEMENTAL

CS:Contaminated Sites.

A review of the Sacramento Co. CS list, as provided by EDR, has revealed that there are 2 Sacramento Co. CS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GUERRA AM/PM	1595 BELL AVE	0 - 1/8 W	A4	23
<i>CENTRAL FREIGHT LINES INC</i>	<i>1621 MAIN AVENUE</i>	<i>1/4 - 1/2N</i>	<i>9</i>	<i>29</i>

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name

CLASS III SITE 8 (CLOSURE)

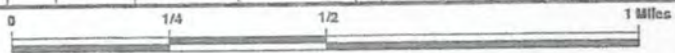
TWITCHELL ISLAND ROAD .5 MI WEST OF RIO VISTA
SCOLLAN (OLD SAC CITY)
SACRAMENTO CITY LANDFILL
DELLAR LANDFILL/OLD SAC CITY
BLT TRANSFER STATION (NORTH SACRAMENTO)
FLORIN-PERKINS LF INC, MRF & TS
KILGORE DUMP
WDR'S GEN ORDER-REUSE OF WASTE DISCHARGE
14TH AVENUE LANDFILL (EAST / WEST PITS)
MCCLELLAN GAS TURBINE
PACIFIC BELL
PACIFIC BELL
MP 121/NR CAL GAS PLANT/GRANT LINE RD **
100 FT FROM ASTORIA AND BELL AVENUES
NORWOOD & BELL STS
SACRAMENTO-YOLO MOSQUITO & VECTOR CONTROL DISTRICT
SACRAMENTO-YOLO MOSQUITO & VECTOR CONTROL DISTRICT
PACIFIC BELL
NEW K-12 CHARTER SCHOOL
CAMPUS RECYCLING CENTER
CALTRANS

Database(s)

CHMIRS, WMUDS/SWAT,
Sacramento Co. CS,
Sacramento Co. ML
CHMIRS, SLIC
SWF/LF
SWF/LF
SWF/LF
SWF/LF
SWF/LF
SWF/LF
SWF/LF
SWF/LF
AST
HAZNET
HAZNET
ERNS
ERNS
ERNS
SLIC
SLIC
CA WDS
SCH
Sacramento Co. CS
Sacramento Co. CS



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites



- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern



MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	1	0	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	1	0	NR	1
RCRA TSD		0.500	0	0	1	NR	NR	1
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST	X	0.500	1	0	0	NR	NR	1
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST	X	0.250	1	0	NR	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
CA FID UST	X	0.250	0	0	NR	NR	NR	0
HIST UST	X	0.250	0	1	NR	NR	NR	1
SWEEPS UST	X	0.250	0	1	NR	NR	NR	1
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	1	0	NR	1
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	1	NR	1
INDIAN RESERV		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.500	0	0	1	NR	NR	1
ODI		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
Sacramento Co. CS	X	0.500	1	0	1	NR	NR	2
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	0	0	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
Sacramento Co. ML	X	TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Gas Stations/Dry Cleaners		0.250	6	2	NR	NR	NR	8
Coal Gas		1.000	0	0	0	0	NR	0
<u>BROWNFIELDS DATABASES</u>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

NOTES:

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

A1 RALY GAS
Target 4400 RALEY BLVD
Property SACRAMENTO, CA 95838

CA FID UST S101628563
 Sacramento Co. CS N/A
 SWEEPS UST

Actual:
 49 ft.

Site 1 of 5 in cluster A

FID:
 Facility ID: 34007260 Regulate ID: 00059175
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: (916) 925-7432
 Mail To: Not reported
 4400 RALEY BLVD
 SACRAMENTO, CA 95838
 Contact: Not reported Contact Tel: Not reported
 DUNs No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

SACRAMENTO CS:

Facility Id: RO0001413
 Region: SACRAMENTO
 State Site Number: F554
 Lead Staff: LEIBOLD, R.
 Lead Agency: HM
 Remedial Action Taken: Not reported
 Post Remedial Action Monitoring:
 Substance: Automotive(motor gasoline and additives)
 Date Reported: 3/9/1999
 Date Closed: Not reported
 Case Type: Undefined

SWEEPS:

Status : A
 Comp Number : 59175
 Number : 1
 Board Of Equalization : 44-019465
 Ref Date : 10-05-92
 Act Date : 10-27-93
 Created Date : 02-29-88
 Tank Status : A
 Owner Tank Id : 1
 Swrcb Tank Id : 34-000-059175-000001
 Actv Date : 10-05-92
 Capacity : 10000
 Tank Use : M.V. FUEL
 Stg : P
 Content : REG UNLEADED
 Number Of Tanks : 3

Status : A
 Comp Number : 59175
 Number : 1
 Board Of Equalization : 44-019465
 Ref Date : 10-05-92
 Act Date : 10-27-93
 Created Date : 02-29-88
 Tank Status : A
 Owner Tank Id : 2

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RALY GAS (Continued)

S101628563

Swrcb Tank Id : 34-000-059175-000002
Actv Date : 10-04-92
Capacity : 6000
Tank Use : M.V. FUEL
Stg : P
Content : DIESEL
Number Of Tanks : Not reported

Status : A
Comp Number : 59175
Number : 1
Board Of Equalization : 44-019465
Ref Date : 10-05-92
Act Date : 10-27-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 3
Swrcb Tank Id : 34-000-059175-000003
Actv Date : 10-04-92
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : PRM UNLEADED
Number Of Tanks : Not reported

A2
Target
Property

RALY GAS
4400 RALEY BLVD
SACRAMENTO, CA 95838

HIST UST U001616006
N/A

Actual:
49 ft.

Site 2 of 5 in cluster A

UST HIST:

Facility ID: 59175
Total Tanks: 3
Owner Address: 4400 RALEY BL.
SACRAMENTO, CA 95838
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 00010000
Type of Fuel: UNLEADED
Leak Detection: None
Contact Name: Not reported
Facility Type: Gas Station

Owner Name: SURYA BIBI
Region: STATE

Container Num: 1
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (916) 925-7432
Other Type: Not reported

Facility ID: 59175
Total Tanks: 3
Owner Address: 4400 RALEY BL.
SACRAMENTO, CA 95838
Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00006000
Type of Fuel: PREMIUM
Leak Detection: None
Contact Name: Not reported
Facility Type: Gas Station

Owner Name: SURYA BIBI
Region: STATE

Container Num: 2
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (916) 925-7432
Other Type: Not reported

Facility ID: 59175
Total Tanks: 3
Owner Address: 4400 RALEY BL.

Owner Name: SURYA BIBI
Region: STATE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RALY GAS (Continued)

U001616006

SACRAMENTO, CA 95838
Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00010000
Type of Fuel: REGULAR
Leak Detection: None
Contact Name: Not reported
Facility Type: Gas Station
Container Num: 3
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (916) 925-7432
Other Type: Not reported

A3
Target
Property

BELL GAS AND MINI MART
4400 RALEY BLVD
SACRAMENTO, CA 95838

LUST **U003786589**
UST **N/A**
Sacramento Co. ML

Site 3 of 5 in cluster A

Actual:
49 ft.

State LUST:
Cross Street: BELL AVE
Qty Leaked: Not reported
Case Number: 341372
Reg Board: 5S
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 34000L
Case Type: Drinking Water Aquifer affected
Status: No Action
Review Date: Not reported
Workplan: 2002-07-16 00:00:00
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 2002-01-09 00:00:00
Cleanup Fund Id: Not reported
Discover Date: 1999-03-09 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Enf Type: FREV
Enter Date: 2000-03-10 00:00:00
Funding: Not reported
Staff Initials: RIC
How Discovered: Tank Closure
How Stopped: Not reported
Interim: Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date: 2001-09-21 00:00:00
Max MTBE GW: 770 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: F554
Beneficial: MUN
Staff: KDA
GW Qualifier: =
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: SACRAMENTO VALLEY (5
Operator: MOHAMMAD FAROOG
Oversight Prgm: LUST
Review Date: 2001-11-27 00:00:00
Stop Date: Not reported
Confirm Leak: Not reported
Prelim Assess: 2002-07-16 00:00:00
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BELL GAS AND MINI MART (Continued)

U003786589

Work Suspended No
Responsible Party MR MOHAMMAD FAROOG
RP Address: 4400 RALEY BLVD SACRAMENTO CA 95838
Global Id: T0606791992
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : PLACE IN LOP ON 3/2000

LUST Region 5:
Substance: GASOLINE
Case Type: Drinking Water Aquifer affected
Program: LUST
Staff Initials: KDA Case Number: 341372
Status: No Action
MTBE Code: 5
Lead Agency: Local

Sacramento ML:
Facility Id: Not reported
Number of Tanks: 3
WG Bill Code: 53
Food Bill Code : Not reported
Billing Codes BP: Government Agency-No Fee
Billing Codes UST: No Tanks
Tier Permitting: Not reported
Risk Mgmt Protection Program : Not reported
FD: Not reported
Target Property Bill Code: Not reported
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
UST Inspection Date: Not reported
UST Tank Test Date: Not reported
Waste General Insp Date: Not reported
Hazmat Date BP Received : Not reported
SIC Code : Not reported

State UST:
Facility ID: FA0005683
Total Tanks: 1
Region: STATE
Local Agency: 34000

DOD
Region
East
1/2-1
3782 ft.

MCCLELLAN AIR FORCE BASE (SCHEDULED TO CLOSE)

DOD CUSA034286
N/A

MCCLELLAN AIR FORCE BASE (County), CA

FEDERAL LANDS:
Feature 1: Air Force DOD
Feature 2: Not reported
Feature 3: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MCCLELLAN AIR FORCE BASE (SCHEDULED TO CLOSE) (Continued)

CUSA034286

Agency: DOD
 URL: Not reported
 Name 1: McClellan Air Force Base (Scheduled to close)
 Name 2: Not reported
 Name 3: Not reported
 State: CA

NPL
 Region
 NE
 1/4-1/2
 1920 ft.

AFBCA/DD-MCCLELLAN
 3411 OLSON ST
 MCCLELLAN A F B, CA 95652

PADS 1000280079
 CERCLIS CA4570024337
 FINDS
 NPL
 RCRA-LQG
 RCRA-TSDF
 CORRACTS
 ROD
 US ENG CONTROLS

CERCLIS Classification Data:

Federal Facility: Federal Facility
 Non NPL Status: Not reported
 NPL Status: Currently on the Final NPL
 Contact: Joseph Healy Contact Tel: (415) 972-3269
 Contact Title: Not reported
 Contact: Jere Johnson Contact Tel: (415) 972-3094
 Contact Title: Not reported
 Contact: Glenn Kistner Contact Tel: (415) 972-3004
 Contact Title: Not reported
 Site Description: MCCLELLAN AFB OCCUPIES 2952 ACRES, 8 MI NE SACRAMENTO, CA. BASE USES

ORGANIC SOLVENTS FOR MAINT, REPAIR, & MODIFICATION OF AIRCRAFT. 46
 PAST DSPL AREAS IDENTIFIED ON BASE INCLUDING INDSLUDGE DSPL PITS
 CONTAINING SOLV DETECTED IN MON WELL & PRI
 McClellan Air Force Base (AFB) is located approximately 7 miles
 northeast of downtown Sacramento, California, and covers approximately
 2,952 acres. The Base property is bounded by Elkhorn Boulevard on the
 north, Roseville Road on the south, Watt Avenue on the east, and
 Raley Boulevard on the west. Land use in the vicinity of McClellan
 AFB is a combination of military, industrial, commercial, residential,
 and agricultural. McClellan AFB is surrounded by four Sacramento
 County communities that include residential, commercial, and
 industrial zones. The population of the surrounding communities, as
 determined by the 1980 census, was 107,800. Surface-water drainage
 occurs predominantly through Magpie, Don Julio, Rio Linda, and Arcade
 Creeks. Much of the drainage flows into the Natomas East Drainage
 Canal west of the Base and then flows south and west until it
 discharges into the Sacramento River. Groundwater is approximately
 100 feet below ground surface. The only interconnection between
 surface water and groundwater is through infiltration. There are no
 impacts to surface water quality from adverse groundwater quality.
 Regionally, ground water is used for agricultural vegetation, potable
 water, fire fighting and industrial purposes. Locally, groundwater
 extracted from the deeper aquifers beneath McClellan AFB is used in
 the Base water supply for drinking and Base activities. Ground water
 extracted from Base wells and from several offbase municipal wells are
 monitored for volatile organic compound (VOC) contamination. The
 current sources of groundwater contamination are the contaminated
 vadose zone, and the dense non-aqueous phase liquid (DNAPL) pools in
 the vadose zone and groundwater.
 McClellan AFB was established in 1936 as an aircraft repair depot and
 supply base. Fulfilling this mission has involved the use of a wide

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

variety of toxic and hazardous substances, including industrial solvents and caustic cleaners, electroplating wastes contaminated with heavy metals, oils contaminated with polychlorinated biphenyls (PCBs), low-level radioactive wastes, aviation fuels, and a variety of oils and lubricants. Hazardous wastes from operations at McClellan AFB have historically been discharged to land onbase, in burial pits, landfills, sludge/oil pits or burn pits, or piped through a subsurface industrial wastewater line to two former industrial wastewater treatment plants (IWTPs). Sludge from these former IWTPs was then discharged to land onbase. These land disposal practices were discontinued in the late 1970s. McClellan Air Force Base (AFB) voluntarily conducted ground water monitoring of onbase and offbase supply wells in 1979, which resulted in closure of several wells due to trichloroethylene (TCE) contamination. A field survey program that was initiated to determine the sources and extent of contamination, found four areas of TCE contamination (areas A,B,C, and D). Major investigations of the McClellan AFB include a Phase 1 record search in 1981, a quality offbase sampling program of 240 private wells in 1983 which provided the basis for supplying bottled water to residents with contaminated wells, and a Phase 2 ground water investigation in 1984 which included development of a long-term ground water monitoring program. In 1985, an Interim Remedial Measure (IRM) to control further migration of contaminated groundwater was performed in Area D. This IRM included a cap of clay layers, compacted soil, and a plastic liner, and the installation of a groundwater extraction and treatment system. Contaminated sludges and soils were excavated from Area D and disposed off-site prior to capping. Capping was completed in 1986. In 1985, further migration of groundwater contaminants in Area B was controlled by pump and treat technology that includes wellhead treatment using granular activated carbon. In 1986, McClellan AFB provided municipal drinking water hookups for drinking water supplies in the area west of the Base. This remedial action area included all known areas of offbase ground water contamination. On July 22, 1987, McClellan AFB was listed on the National Priorities List. In 1987, the West Side Groundwater Treatment Plant came online to treat contaminated water pumped from Areas B, C, and D. The Treatment Plant uses air stripping and granular activated carbon-thermal oxidation processes. In 1988, the groundwater extraction system in Area D was expanded to Area C. In May 1990, the Air Force, U.S. EPA Region IX, and the California Department of Health Services entered into an Interagency Agreement (IAG) requiring restoration activities to comply with applicable state and federal laws.

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	11/01/1979
Assessment:	PRELIMINARY ASSESSMENT	Completed:	04/01/1981
Assessment:	HRS PACKAGE	Completed:	10/01/1981
Assessment:	SITE INSPECTION	Completed:	04/01/1984
Assessment:	PROPOSAL TO NPL	Completed:	10/15/1984
Assessment:	FINAL LISTING ON NPL	Completed:	07/22/1987
Assessment:	FEDERAL INTERAGENCY AGREEMENT	Completed:	07/21/1989
Assessment:	IAG NEGOTIATIONS	Completed:	07/21/1989
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	06/17/1991
Assessment:	FF RI/FS	Completed:	09/03/1993
Assessment:	RECORD OF DECISION	Completed:	09/03/1993
Assessment:	FF RD	Completed:	04/08/1994

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	06/21/1994
Assessment:	FF RA	Completed:	09/29/1994
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	02/23/1995
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	03/31/1995
Assessment:	FF REMOVAL	Completed:	05/11/1995
Assessment:	FF RD	Completed:	05/11/1995
Assessment:	FF RI/FS	Completed:	05/11/1995
Assessment:	RECORD OF DECISION	Completed:	05/11/1995
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	09/21/1995
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	03/11/1996
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	02/13/1997
Assessment:	FF REMOVAL	Completed:	03/15/1997
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	07/02/1997
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	12/03/1997
Assessment:	FF RD	Completed:	06/23/1998
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	06/24/1998
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	06/25/1998
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	06/25/1998
Assessment:	FF RA	Completed:	09/28/1998
Assessment:	FF FIVE YEAR REVIEW	Completed:	04/07/1999
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	05/17/1999
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	10/19/1999
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	10/19/1999
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	10/19/1999
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	10/19/1999
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	10/20/1999
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	03/15/2000
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	03/15/2000
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	03/15/2000
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	03/15/2000
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	03/15/2000
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	03/15/2000
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	03/15/2000
Assessment:	FF RA	Completed:	06/28/2000
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	09/19/2000
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	12/12/2000
Assessment:	FF REMOVAL	Completed:	05/15/2001
Assessment:	FF REMOVAL	Completed:	10/04/2001
Assessment:	RECORD OF DECISION	Completed:	02/07/2003
Assessment:	FF FS	Completed:	08/18/2003
Assessment:	FF FIVE YEAR REVIEW	Completed:	05/13/2004
Assessment:	RECORD OF DECISION	Completed:	06/24/2004
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	01/31/2005

CERCLIS Site Status:

Not reported

CERCLIS Alias Name(s):

- MCCLELLAN AFB
- MCCLELLAN AIR FORCE BASE (GW CONTAM)
- MCCLELLAN AIR FORCE BASE (GROUND WATER CONTAMINATION)
- MCCLELLAN USAF BASE

CORRACTS Data:

EPA Id: CA4570024337
 Region: 9
 Area Name: ENTIRE FACILITY
 Actual Date: 01/01/1996
 Corrective Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

2002 NAICS Title:	National Security
EPA Id:	CA4570024337
Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	01/10/2001
Corrective Action:	CA725IN - Current Human Exposures Under Control , More information is needed to make a determination
2002 NAICS Title:	National Security
EPA Id:	CA4570024337
Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	01/10/2001
Corrective Action:	CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
2002 NAICS Title:	National Security
EPA Id:	CA4570024337
Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	04/01/1998
Corrective Action:	CA725IN - Current Human Exposures Under Control , More information is needed to make a determination
2002 NAICS Title:	National Security
EPA Id:	CA4570024337
Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	04/01/1998
Corrective Action:	CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
2002 NAICS Title:	National Security

[Click this hyperlink](#) while viewing on your computer to access 7 additional CORRACTS record(s) in the EDR Site Report.

US Engineering Control Sites:

EPA ID:	CA4570024337
Site ID:	0902759
EPA Region:	09
County:	SACRAMENTO
Event Code :	Not reported
Actual Date:	Not reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	19930903
Planned Completion date:	19930930
Operable Unit:	02
Contaminated Media:	Soil
Contam. Media num.:	9270765.00000
Engineering Control:	Cap
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	19930903
Planned Completion date:	19930930
Operable Unit:	02

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

Contaminated Media: Sediment
Contam. Media num.: 9270766.00000
Engineering Control: Cap

NPL:
EPA ID: CA4570024337
Region: 09
Federal: Federal
Final Date: 07/22/1987

NPL SUMMARY:
Summary :

Conditions at proposal (October 15, 1984): McClellan Air Force Base occupies about 2,600 acres approximately 8 miles northeast of Sacramento, Sacramento County, California. The base uses organic solvents for maintenance, repair, and modification of aircraft. In its initial investigations, the Air Force identified 46 past waste storage and disposal areas covering 56 acres within the base. Based upon disposal practices, geography, and potential threat, the 36 widely distributed areas on the base are currently considered as one site. During the 1960s and early 1970s, the areas received wastes that included dewatered industrial sludge containing trichloroethylene (TCE), 1,1,1 trichloroethane, and 1,1 dichloroethylene. The Air Force has detected these solvents in monitoring wells and in public and private wells west of McClellan. Since 1979, 12 off base wells, including a municipal well, have closed due to TCE contamination. The municipal well was part of a blended system serving about 23,000 people. Where contaminants have exceeded or are expected to exceed the California Department of Health Services action levels, the Air Force is providing alternative water sources to residents. A Ground Water Task Force consisting of representatives of the Air Force, local, State, and Federal agencies, and the public serves an advisory role and as a public forum. McClellan Air Force Base is participating in the Installation Restoration Program, established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. The Air Force has completed Phase I (records search) and Phase II (preliminary survey). Phase IV (remedy implementation) is being carried out at a number of on site locations. The Air Force has initiated an off site investigation. Status (July 22, 1987): Phase II has investigated 68 on base waste storage and disposal areas, including the original 46. The Air Force anticipates that further action is required at 27 areas. An additional 88 on base areas have been identified as requiring Phase II investigations. Not all sources of contamination are believed to have been identified. The Air Force is planning a comprehensive remedial investigation/feasibility study. As per a Task Force recommendation, the Air Force has capped one of the contaminated areas and built a system to pump and treat contaminated ground water. The Air Force is nearing completion of a project to hook up about 500 homes to a municipal water supply. Within the boundaries of this Federal facility, there are areas subject to the Subtitle C corrective action authorities of the Resource Conservation and Recovery Act (RCRA). However, no such areas were included in scoring this specific site. Therefore, this Federal facility site is being placed on the Federal section of the NPL under the NPL/RCRA policy announced on September 8, 1983 (48 FR 40662).

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

NPL Contaminant:
NPL Status: Final
Substance Id: C049
Case Num: 100-41-4
Substance : ETHYLBENZENE
Pathway : NOT INDICATED
GW Scoring : Not reported
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U210
Case Num: 79-34-5
Substance : TETRACHLOROETHENE
Pathway : NOT INDICATED
GW Scoring : Not reported
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U220
Case Num: 108-88-3
Substance : TOLUENE
Pathway : NOT INDICATED
GW Scoring : Not reported
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U226
Case Num: 71-55-6
Substance : TRICHLOROETHANE, 1,1,1-
Pathway : NOT INDICATED
GW Scoring : Not reported
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U044
Case Num: 67-66-3
Substance : CHLOROFORM
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release & Toxicity
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

FE Scoring: Not reported
NPL Status: Final
Substance Id: U078
Case Num: 75-35-4
Substance : DICHLOROETHENE, 1,1-
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U228
Case Num: 79-01-6
Substance : TRICHLOROETHYLENE (TCE)
Pathway : The Ground water migration route , or pathway.
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U044
Case Num: 67-66-3
Substance : CHLOROFORM
Pathway : SW
GW Scoring : Not reported
SW Scoring : Toxicity
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Site:
CERCLIS Id: CA4570024337
Site City: Sacramento
Site State: CA
NPL Status: Final
Status Date: 07/22/87
Federal Site: Yes
HRS Score: 57.93
GW Score: 100.00
SW Score: 6.55
Air Score: 0.00
Soil Score: 0.00
DC Score: 0.00
FE Score: 0.00

NPL Char:
NPL Status: Final
Category Description: DEPTH TO AQUIFER
Category Value: 85
NPL Status: Final
Category Description: DISTANCE TO THE NEAREST POPULATION

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

Category Value: 10
NPL Status: Final
Category Description: OBSERVED RELEASE-Ground Water
Category Value: Not reported
NPL Status: Final
Category Description: OTHER GROUND WATER USE-Industrial Process Cooling
Category Value: Not reported
NPL Status: Final
Category Description: OTHER GROUND WATER USE-Irrigation
Category Value: Not reported
NPL Status: Final
Category Description: PHYSICAL STATE-Liquid
Category Value: Not reported
NPL Status: Final
Category Description: PHYSICAL STATE-Sludge
Category Value: Not reported
NPL Status: Final
Category Description: PHYSICAL STATE-Solid
Category Value: Not reported
NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Ground Water Plume
Category Value: Not reported
NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Industry Military
Category Value: Not reported
NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Industry Military Testing & Maint
Category Value: Not reported
NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Industry Municipal Landfill
Category Value: Not reported
NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing
Category Value: Not reported
NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing Other/Industrial
Category Value: Not reported
NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-Drain Ditch
Category Value: Not reported
NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-Stream
Category Value: Not reported
NPL SITE STATUS:
NPL Status: Final
Proposed Date: 10/15/1984
Final Date: 07/22/1987
Deleted Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

RCRAInfo Corrective Action Summary:

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 04/08/2003

Event: Current Human Exposures under Control, More information is needed to make a determination.

Event Date: 01/10/2001

Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event Date: 01/10/2001

Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event Date: 04/01/1998

Event: Current Human Exposures under Control, More information is needed to make a determination.

Event Date: 04/01/1998

Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event Date: 04/01/1998

Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

Event Date: 01/01/1996

Event: RFI Imposition

Event Date: 05/02/1995

Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).

Event Date: 05/02/1995

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event Date: 09/22/1994

Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.

Event Date: 09/22/1994

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
 Event Date: 10/01/1986
 Event: Stabilization Construction Completed
 Event Date: 10/01/1986
 Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).
 Event Date: 05/01/1986
 Event: Stabilization Construction Completed
 Event Date: 05/01/1986
 Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
 Event Date: 10/01/1981

RCRAInfo:

Owner: MULTIPLE OPS - USAF & DPDO
 (916) 643-3336
 EPA ID: CA4570024337
 Contact: Not reported
 Classification: Large Quantity Generator, TSDF
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	11/16/1999
Actual Date Achieved Compliance:	12/30/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	12/03/1999
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-MANIFEST REQUIREMENTS
Date Violation Determined:	11/16/1999
Actual Date Achieved Compliance:	12/30/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	12/03/1999
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	11/16/1999
Actual Date Achieved Compliance:	11/16/1999
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	11/16/1999
Actual Date Achieved Compliance:	11/16/1999
Regulation Violated:	264.190-201.J
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/16/1993
Actual Date Achieved Compliance:	12/14/1993
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

Enforcement Action Date:	08/17/1994
Penalty Type:	Final Monetary Penalty
Regulation Violated:	264.70-77.E
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/16/1993
Actual Date Achieved Compliance:	12/14/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/19/1993
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	08/17/1994
Penalty Type:	Final Monetary Penalty
Regulation Violated:	264.170-177.I
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/16/1993
Actual Date Achieved Compliance:	12/14/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/19/1993
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	08/17/1994
Penalty Type:	Final Monetary Penalty
Regulation Violated:	262.50-60
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/16/1993
Actual Date Achieved Compliance:	12/14/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/19/1993
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	08/17/1994
Penalty Type:	Final Monetary Penalty
Regulation Violated:	262.30-34.C
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/16/1993
Actual Date Achieved Compliance:	12/14/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/19/1993
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	08/17/1994
Penalty Type:	Final Monetary Penalty
Regulation Violated:	264.170-177.I
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	01/24/1992
Actual Date Achieved Compliance:	02/24/1992
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	11/22/1991
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	268 ALL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	01/23/1992
Actual Date Achieved Compliance:	02/24/1992
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	11/22/1991
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	264.50-56.D
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	01/23/1992
Actual Date Achieved Compliance:	02/24/1992
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	11/22/1991
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	264.10-18.B
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	01/23/1992
Actual Date Achieved Compliance:	02/24/1992
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	11/22/1991
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/11/1990
Actual Date Achieved Compliance:	01/25/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/25/1991
Penalty Type:	Not reported
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/07/1990
Actual Date Achieved Compliance:	07/31/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/26/1988
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/21/1990
Penalty Type:	Not reported
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/16/1989
Actual Date Achieved Compliance:	02/01/1990
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	06/27/1989
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/27/1989
Penalty Type:	Not reported
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/26/1988

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

Actual Date Achieved Compliance: 05/31/1989
 Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
 Enforcement Action Date: 02/10/1989
 Penalty Type: Not reported
 Regulation Violated: 264.110-120.G
 Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
 Date Violation Determined: 09/26/1988
 Actual Date Achieved Compliance: 05/31/1989
 Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
 Enforcement Action Date: 02/10/1989
 Penalty Type: Not reported
 Regulation Violated: 268 ALL
 Area of Violation: TSD-LAND BAN REQUIREMENTS
 Date Violation Determined: 05/03/1988
 Actual Date Achieved Compliance: 06/30/1988
 Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
 Enforcement Action Date: 02/10/1989
 Penalty Type: Not reported
 Regulation Violated: 268.7
 Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
 Date Violation Determined: 05/03/1988
 Actual Date Achieved Compliance: 06/30/1988
 Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
 Enforcement Action Date: 02/10/1989
 Penalty Type: Not reported
 Regulation Violated: 270
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 05/03/1988
 Actual Date Achieved Compliance: 06/30/1988
 Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
 Enforcement Action Date: 06/27/1989
 Penalty Type: Not reported
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/27/1989
 Penalty Type: Not reported

Penalty Summary:			
Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	8/17/1994	40000	STATE
Proposed Monetary Penalty	11/22/1991	166000	STATE

There are 21 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19991230
	TSD-MANIFEST REQUIREMENTS	19991230
	GENERATOR-OTHER REQUIREMENTS	19991116
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19991116
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19931214
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19931214
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19931214
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19931214

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AFBCA/DD-MCCLELLAN (Continued)

1000280079

	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19931214
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	19920224
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920224
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920224
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920224
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910125
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900731
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900201
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890531
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19890531
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19880630
Other Evaluation	TSD-LAND BAN REQUIREMENTS	19880630
	GENERATOR-LAND BAN REQUIREMENTS	19880630

NY MANIFEST

[Click this hyperlink](#) while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:

- Other Pertinent Environmental Activity Identified at Site:
- COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND INFORMATION SYSTEM
 - HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
 - NATIONAL COMPLIANCE DATABASE SYSTEM
 - NATIONAL EMISSIONS INVENTORY
 - PERMIT COMPLIANCE SYSTEM
 - RADIATION PROTECTION INFORMATION
 - RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM
 - TOXIC CHEMICAL RELEASE INVENTORY SYSTEM

A4
 West
 < 1/8
 51 ft.

GUERRA AM/PM
1595 BELL AVE
SACRAMENTO, CA

Sacramento Co. CS S106198517
 N/A

Site 4 of 5 in cluster A

Relative:
 Equal

SACRAMENTO CS:

Facility Id: RO0001523
 Region: SACRAMENTO
 State Site Number: G035
 Lead Staff: Not reported
 Lead Agency: HM
 Remedial Action Taken: Not reported

Actual:
 49 ft.

Post Remedial Action Monitoring:

Substance: Not reported
 Date Reported: Not reported
 Date Closed: Not reported
 Case Type: Undefined

A5
 West
 < 1/8
 51 ft.

GUERRAS AM/PM
1595 BELL AVE
SACRAMENTO, CA 95838

HAZNET U003785971
 LUST N/A
 UST
 Sacramento Co. ML

Site 5 of 5 in cluster A

Relative:
 Equal

State LUST:

Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number 341416

Actual:
 49 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GUERRAS AMPM (Continued)

U003785971

Reg Board: 5S
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 34000L
Case Type: Undefined
Status: Leak being confirmed
Review Date: 2003-04-25 00:00:00
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 2003-04-11 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 2003-04-11 00:00:00
Enforcement Dt : Not reported
Enf Type: VER
Enter Date : Not reported
Funding: Not reported
Staff Initials: CWL
How Discovered: UM
How Stopped: NPP
Interim : Not reported
Leak Cause: UNK
Leak Source: D,
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : G035
Beneficial: MUN
Staff : KDA
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 2003-04-11 00:00:00
Work Suspended Not reported
Responsible PartyBENJAMIN GUERRA
RP Address: 1595 BELL AVENUE
Global Id: T0606725324
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

LUST Region 5:
Substance: GASOLINE
Case Type: Undefined

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s) EDR ID Number
EPA ID Number

GUERRAS AM/PM (Continued)

U003785971

Program: LUST
Staff Initials: KDA Case Number: 341416
Status: Leak being confirmed
MTBE Code: N/A
Lead Agency: Local

HAZNET:

Gepaid: CAL000224216
TSD EPA ID: Not reported
Gen County: Sacramento
Tsd County: Yolo
Tons: 0.2
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: BENNY GUERRA/ OWNER
Telephone: (916) 922-4528
Mailing Address: 1595 BELL AVE
SACRAMENTO, CA 95838
County: Not reported

Sacramento ML:

Facility Id: Not reported
Number of Tanks: 3
WG Bill Code: 53
Food Bill Code : Not reported
Billing Codes BP: Government Agency-No Fee
Billing Codes UST: No Tanks
Tier Permitting: Not reported
Risk Mgmt Protection Program : Not reported
FD: Not reported
Target Property Bill Code: Not reported
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
UST Inspection Date: Not reported
UST Tank Test Date: Not reported
Waste General Insp Date: Not reported
Hazmat Date BP Received : Not reported
SIC Code : Not reported

State UST:

Facility ID: FA0001772
Total Tanks: 1
Region: STATE
Local Agency: 34000

B6
South
1/8-1/4
809 ft.

CHEVRON #91069
4221 RALEY BLVD
SACRAMENTO, CA 95838

Sacramento Co. ML S102318874
SWEEPS UST N/A

Site 1 of 3 in cluster B

Relative:
Higher

Actual:
53 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

CHEVRON #91069 (Continued)

S102318874

Sacramento ML:

Facility Id: Not reported
 Number of Tanks: 3
 WG Bill Code: 53
 Food Bill Code : Not reported
 Billing Codes BP: Government Agency-No Fee
 Billing Codes UST: No Tanks
 Tier Permitting: Not reported
 Risk Mgmt Protection Program : Not reported
 FD: Not reported
 Target Property Bill Code: Not reported
 CUPA Permit Date: Not reported
 HAZMAT Permit Date: Not reported
 HAZMAT Inspection Date: Not reported
 UST Inspection Date: Not reported
 UST Tank Test Date: Not reported
 Waste General Insp Date: Not reported
 Hazmat Date BP Received : Not reported
 SIC Code : Not reported

SWEEPS:

Status : A
 Comp Number : 61981
 Number : 1
 Board Of Equalization : 44-031913
 Ref Date : 08-31-92
 Act Date : 10-28-93
 Created Date : 02-29-88
 Tank Status : A
 Owner Tank Id : 1
 Swrcb Tank Id : 34-000-061981-000001
 Actv Date : 08-31-92
 Capacity : 10000
 Tank Use : M.V. FUEL
 Stg : P
 Content : PRM UNLEADED
 Number Of Tanks : 7

Status : A
 Comp Number : 61981
 Number : 1
 Board Of Equalization : 44-031913
 Ref Date : 08-31-92
 Act Date : 10-28-93
 Created Date : 02-29-88
 Tank Status : A
 Owner Tank Id : 2
 Swrcb Tank Id : 34-000-061981-000002
 Actv Date : 10-09-91
 Capacity : 5000
 Tank Use : M.V. FUEL
 Stg : P
 Content : PRM UNLEADED
 Number Of Tanks : Not reported

Status : A
 Comp Number : 61981

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

S102318874

CHEVRON #91069 (Continued)

Number : 1
 Board Of Equalization : 44-031913
 Ref Date : 08-31-92
 Act Date : 10-28-93
 Created Date : 02-29-88
 Tank Status : A
 Owner Tank Id : 3
 Swrcb Tank Id : 34-000-061981-000003
 Actv Date : 09-01-92
 Capacity : 10000
 Tank Use : M.V. FUEL
 Stg : P
 Content : REG UNLEADED
 Number Of Tanks : Not reported

Status : A
 Comp Number : 61981
 Number : 1
 Board Of Equalization : 44-031913
 Ref Date : 08-31-92
 Act Date : 10-28-93
 Created Date : 02-29-88
 Tank Status : A
 Owner Tank Id : 4
 Swrcb Tank Id : 34-000-061981-000004
 Actv Date : 09-01-92
 Capacity : 1000
 Tank Use : OIL
 Stg : W
 Content : WASTE OIL
 Number Of Tanks : Not reported

Status : A
 Comp Number : 61981
 Number : 1
 Board Of Equalization : 44-031913
 Ref Date : 08-31-92
 Act Date : 10-28-93
 Created Date : 02-29-88
 Tank Status : A
 Owner Tank Id : 1
 Swrcb Tank Id : 34-000-061981-000005
 Actv Date : 02-10-92
 Capacity : 12000
 Tank Use : M.V. FUEL
 Stg : P
 Content : REG UNLEADED
 Number Of Tanks : Not reported

Status : A
 Comp Number : 61981
 Number : 1
 Board Of Equalization : 44-031913
 Ref Date : 08-31-92
 Act Date : 10-28-93
 Created Date : 02-29-88
 Tank Status : A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON #91069 (Continued)

S102318874

Owner Tank Id : 2
 Swrcb Tank Id : 34-000-061981-000006
 Actv Date : 02-10-92
 Capacity : 12000
 Tank Use : M.V. FUEL
 Stg : P
 Content : REG UNLEADED
 Number Of Tanks : Not reported

Status : A
 Comp Number : 61981
 Number : 1
 Board Of Equalization : 44-031913
 Ref Date : 08-31-92
 Act Date : 10-28-93
 Created Date : 02-29-88
 Tank Status : A
 Owner Tank Id : 3
 Swrcb Tank Id : 34-000-061981-000007
 Actv Date : 02-10-92
 Capacity : 12000
 Tank Use : M.V. FUEL
 Stg : P
 Content : LEADED
 Number Of Tanks : Not reported

B7
 South
 1/8-1/4
 809 ft.

91069
 4221 RALEY BLVD
 SACRAMENTO, CA 95838

HIST UST U001615992
 N/A

Site 2 of 3 in cluster B

Relative:
 Higher

Actual:
 53 ft.

UST HIST:

Facility ID: 61981
 Total Tanks: 4
 Owner Address: 575 MARKET
 SAN FRANCISCO, CA 94105
 Tank Used for: PRODUCT
 Tank Num: 1
 Tank Capacity: 00010000
 Type of Fuel: Not reported
 Leak Detection: Stock Inventor
 Contact Name: ROBERTS,SIDNEY
 Facility Type: Gas Station

Owner Name: CHEVRON U.S.A. INC.
 Region: STATE

Container Num: 1
 Year Installed: 1979
 Tank Construction: 0000250 unknown

Telephone: (916) 925-9805
 Other Type: Not reported

Facility ID: 61981
 Total Tanks: 4
 Owner Address: 575 MARKET
 SAN FRANCISCO, CA 94105
 Tank Used for: PRODUCT
 Tank Num: 2
 Tank Capacity: 00005000
 Type of Fuel: Not reported
 Leak Detection: Stock Inventor
 Contact Name: ROBERTS,SIDNEY
 Facility Type: Gas Station

Owner Name: CHEVRON U.S.A. INC.
 Region: STATE

Container Num: 2
 Year Installed: 1971
 Tank Construction: 0000250 unknown

Telephone: (916) 925-9805
 Other Type: Not reported

Facility ID: 61981
 Total Tanks: 4

Owner Name: CHEVRON U.S.A. INC.
 Region: STATE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

91069 (Continued)

U001615992

Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	PRODUCT	Container Num:	3
Tank Num:	3	Year Installed:	1971
Tank Capacity:	00010000	Tank Construction:	0000250 unknown
Type of Fuel:	Not reported		
Leak Detection:	Stock Inventor	Telephone:	(916) 925-9805
Contact Name:	ROBERTS,SIDNEY	Other Type:	Not reported
Facility Type:	Gas Station		
Facility ID:	61981	Owner Name:	CHEVRON U.S.A. INC.
Total Tanks:	4	Region:	STATE
Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	WASTE	Container Num:	4
Tank Num:	4	Year Installed:	1971
Tank Capacity:	00001000	Tank Construction:	0000130 unknown
Type of Fuel:	Not reported		
Leak Detection:	Stock Inventor	Telephone:	(916) 925-9805
Contact Name:	ROBERTS,SIDNEY	Other Type:	Not reported
Facility Type:	Gas Station		

B8
 South
 1/8-1/4
 929 ft.

CHEVRON STATION NO 91069
 4221 RALEY BLVD
 SACRAMENTO, CA 95838

RCRA-SQG 1005904460
FINDS CAR000122911

Site 3 of 3 in cluster B

Relative:
Higher

Actual:
 52 ft.

RCRAInfo:
 Owner: CHEVRON PRODUCTS CO
 (925) 842-5931
 EPA ID: CAR000122911
 Contact: KATHY NORRIS
 (925) 842-5931
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

9
 North
 1/4-1/2
 2637 ft.

CENTRAL FREIGHT LINES INC
 1621 MAIN AVENUE
 SACRAMENTO, CA 95838

RCRA-SQG 1000472979
FINDS CAD982436941
HAZNET
 Sacramento Co. CS
 Sacramento Co. ML
 CA WDS

Relative:
Higher

Actual:
 57 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CENTRAL FREIGHT LINES INC (Continued)

1000472979

RCRAInfo:
Owner: CENTRAL FREIGHT LINES INC
(254) 741-5399
EPA ID: CAD982436941
Contact: KERRY HILL
(972) 579-4120
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAD982436941
TSD EPA ID: CAD000088252
Gen County: Sacramento
Tsd County: Los Angeles
Tons: 1.5000
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: VECTA TRANSPORTATION
Telephone: (000) 000-0000
Mailing Address: PO BOX 38436
SACRAMENTO, CA 95838 - 0436
County Sacramento
Gepaid: CAD982436941
TSD EPA ID: CAD980887418
Gen County: Sacramento
Tsd County: 1
Tons: 1.6262
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: VECTA TRANSPORTATION
Telephone: (000) 000-0000
Mailing Address: PO BOX 38436
SACRAMENTO, CA 95838 - 0436
County Sacramento
Gepaid: CAD982436941
TSD EPA ID: AZD049318009
Gen County: Sacramento
Tsd County: 99
Tons: .0583
Waste Category: Alkaline solution without metals (pH > 12.5)
Disposal Method: Transfer Station
Contact: VECTA TRANSPORTATION
Telephone: (000) 000-0000
Mailing Address: PO BOX 38436
SACRAMENTO, CA 95838 - 0436
County Sacramento

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CENTRAL FREIGHT LINES INC (Continued)

1000472979

Gepaid: CAD982436941
TSD EPA ID: AZD049318009
Gen County: Sacramento
Tsd County: 99
Tons: .6463
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Transfer Station
Contact: VECTA TRANSPORTATION
Telephone: (000) 000-0000
Mailing Address: PO BOX 38436
SACRAMENTO, CA 95838 - 0436
County Sacramento
Gepaid: CAD982436941
TSD EPA ID: Not reported
Gen County: Sacramento
Tsd County: Los Angeles
Tons: 3.12
Waste Category: Oil/water separation sludge
Disposal Method: Transfer Station
Contact: DON BALDRIDGE
Telephone: (562) 942-8448
Mailing Address: 5800 MESA DR
HOUSTON, TX 77028 - 4915
County Not reported

[Click this hyperlink](#) while viewing on your computer to access 25 additional CA HAZNET record(s) in the EDR Site Report.

WDS:

Facility ID: 5S 341016140
Facility Contact: KERRY HILL
SIC Code: 0
Agency Name: CENTRAL FREIGHT LINES INC
Agency Address: PO Box 540277
Dallas 95838 - 2427
Agency Contact: JOHN REED
Design Flow: 0 Million Gal/Day
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Agency Type: 34
Waste Type: Not reported
Threat to Water: Not reported
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
Reclamation: Not reported
POTW: Not reported
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CENTRAL FREIGHT LINES INC (Continued)

1000472979

Sacramento ML:

Facility Id: Not reported
Number of Tanks: Not reported
WG Bill Code: 53
Food Bill Code : Not reported
Billing Codes BP: Government Agency-No Fee
Billing Codes UST: Not reported
Tier Permitting: Not reported
Risk Mgmt Protection Program : Not reported
FD: Not reported
Target Property Bill Code: Not reported
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
UST Inspection Date: Not reported
UST Tank Test Date: Not reported
Waste General Insp Date: Not reported
Hazmat Date BP Received : Not reported
SIC Code : Not reported

Facility Id: Not reported
Number of Tanks: Not reported
WG Bill Code: 53
Food Bill Code : Not reported
Billing Codes BP: Government Agency-No Fee
Billing Codes UST: Not reported
Tier Permitting: Not reported
Risk Mgmt Protection Program : Not reported
FD: Not reported
Target Property Bill Code: Not reported
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
UST Inspection Date: Not reported
UST Tank Test Date: Not reported
Waste General Insp Date: Not reported
Hazmat Date BP Received : Not reported
SIC Code : Not reported

SACRAMENTO CS:

Facility Id: RO0000750
Region: SACRAMENTO
State Site Number: 0391
Lead Staff: BOOTH, D.
Lead Agency: HM
Remedial Action Taken: EXACAVATE AND TREAT
Post Remedial Action Monitoring:
Substance: Diesel
Date Reported: 1/7/1992
Date Closed: Not reported
Case Type: Soil only

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEV.	TYPE
1970	J & E HANCOCK	4400 RALEY BLVD	SACRAMENTO	CA	SE	< 1/8	Higher	Gasoline Stations
1965	PACE-MAKER SERVICE	4400 RALEY BLVD	SACRAMENTO	CA	SE	< 1/8	Higher	Gasoline Stations
1980	REGAL STATION	4400 RALEY BLVD	SACRAMENTO	CA	SE	< 1/8	Higher	Gasoline Stations
1975	RICHARDS ROCKET SERVICE STATION	4400 RALEY BLVD	SACRAMENTO	CA	SE	< 1/8	Higher	Gasoline Stations
1970	ROBERTS SID CHEVRON SERVICE	1595 BELL AVE	SACRAMENTO	CA	West	< 1/8	Higher	Gasoline Stations
1965	SID S CHEVRON SERVICE	1595 BELL AVE	SACRAMENTO	CA	West	< 1/8	Higher	Gasoline Stations
1980	ROBERTS SID CHEVRON STATION	4221 RALEY BLVD	SACRAMENTO	CA	South	1/8-1/4	Higher	Gasoline Stations
1975	ROBERTS SID CHEVRON STATION	4221 RALEY BLVD	SACRAMENTO	CA	South	1/8-1/4	Higher	Gasoline Stations

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SACRAMENTO	90465194	MP 121/NR CAL GAS PLANT/GRANT LINE RD **	MP 121/NR CAL GAS PLANT/GRANT LINE RD **		ERNS
SACRAMENTO	S102361862	SCOLLAN (OLD SAC CITY)	24TH AND A STREETS		SWF/LF
SACRAMENTO	S105548867	SACRAMENTO CITY LANDFILL	28TH AND 'A' STREETS		SWF/LF
SACRAMENTO	S105548868	DELLAR LANDFILL/OLD SAC CITY	28TH AND A STREETS		SWF/LF
SACRAMENTO	S106568110	NEW K-12 CHARTER SCHOOL	BELL AVENUE	95638	SCH
SACRAMENTO	S106782280	CAMPUS RECYCLING CENTER	CAL STATE UNIVERSITY		Sacramento Co. CS
SACRAMENTO	S106230370	SACRAMENTO-YOLO MOSQUITO & VECTOR CONTRI DISTRICT	EL CAMINO AVE / BUISNESS HIGHWAY. 80, AND SILICA		SLIC
SACRAMENTO	S106486535	SACRAMENTO-YOLO MOSQUITO & VECTOR CONTRI DISTRICT	EL CAMINO AVENUE / HIGHWAY BUSINESS 80		SLIC
SACRAMENTO	S104654455	BLT TRANSFER STATION (NORTH SACRAMENTO)	SE CORNER RALEY BLVD. AND VINCI AVE.		SWF/LF
SACRAMENTO	S105548869	FLORIN-PERKINS LF INC, MRF & TS	4201 (3901) FLORIN PERKINS ROAD		SWF/LF
SACRAMENTO	90172813	100 FT FROM ASTORIA AND BELL AVENUES	100 FT FROM ASTORIA AND BELL AVENUES	95638	ERNS
SACRAMENTO	S106599808	CALTRANS	FRUITRIDGE RD/HWY 99		Sacramento Co. CS
SACRAMENTO	S103588047	KILGORE DUMP	KILGORE ROAD APN72-260-20		SWF/LF
SACRAMENTO	S104586856	PACIFIC BELL	3540 KINS WAY		CA WDS
SACRAMENTO	S103679224	PACIFIC BELL	MANHOLE 235		HAZNET
SACRAMENTO	S103679223	PACIFIC BELL	MANHOLE 234		HAZNET
SACRAMENTO	A100109103	MCCLELLAN GAS TURBINE	MCCLELLAN AFB		AST
SACRAMENTO	8873055	NORWOOD & BELL STS	NORWOOD & BELL STS		ERNS
SACRAMENTO	S102361840	WDR'S GEN ORDER-REUSE OF WASTE DISCHARGE	SACRAMENTO, SAN JOAQUIN CO'S		SWF/LF
SACRAMENTO	S105678204	14TH AVENUE LANDFILL (EAST / WEST PITS)	NO. SIDE OF 14TH AVE; E + W OF RR TRACKS		SWF/LF
SACRAMENTO	S103442098	CLASS III SITE 8 (CLOSURE)	MCCLELLAN AFB	95652	CHMIRS, WMJDS/ISWAT, Sacramento Co. CS, Sacramento Co. ML
SACRAMENTO COUNTY	S105641112		TWITCHELL ISLAND ROAD .5 MI WEST OF RIO VISTA		CHMIRS, SLIC

Phase I Environmental Site Assessment Report
Southwest Corner of Bell Avenue & Raley Boulevard, Sacramento County
October 28, 2012

ATTACHMENT 5
REGULATORY AGENCY DOCUMENTS ON NEIGHBORING SITES

Countywide Services Agency

Environmental Management
Department

Environmental Compliance Division
Elise Rothschild, Chief



County of Sacramento

Brad Hudson, County Executive
Bruce Wagstaff, Agency Administrator
Val F. Siebal, Department Director

August 23, 2011

Mr. Mohammad Farooq
4400 Raley Blvd
Sacramento, CA 95838

Dear Mr. Farooq:

**RE: WORK PLAN FOR SOIL GAS SURVEY
BELL GAS AND DIESEL
4400 RALEY BLVD, SACRAMENTO, CALIFORNIA
SITE CODE: F554; RO0001413**

The Environmental Compliance Division (ECD) has received the August 17, 2011, "Quarterly Status Update Report – Second Quarter 2011" that was prepared and submitted on your behalf by Stratus Environmental, Inc. (Stratus). The ECD accepts the recommendation to prepare a Soil Gas Survey Work Plan.

Please submit a Work Plan **by November 17, 2011.**

Please do not hesitate to contact me at (916) 876-7560 if you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read "Jack Bellan".

Jack Bellan
Site Assessment/ Mitigation Section

JJB:jm

c: Gowri Kowtha, Stratus
Vera Fischer, CV-RWQCB

W:\DATA\BELLAN\4400 RALEY\8.18.11LTR.DOC



3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 - Fax: (530) 676-6005

August 31, 2012
Project No. 2017-4400-01

Mr. Jack Bellan
Sacramento County
Environmental Management Department
10590 Armstrong Avenue, Suite A
Mather, California 95655

Subject: Well Destruction Report
Bell Gas and Diesel
4400 Raley Boulevard
Sacramento, California

Dear Mr. Bellan:

Stratus Environmental Inc. (Stratus) has prepared this *Well Destruction Report*, on behalf of Mr. Mohammad Farooq, for the Bell Gas and Diesel service station, located at 4400 Raley Boulevard, Sacramento, California (see Figures 1 and 2). After conducting environmental subsurface investigation and cleanup work related to a historical release of motor vehicle fuel to the subsurface, Sacramento County Environmental Management Department (SCEMD) and the California Regional Water Quality Control Board (RWQCB) have agreed to close the environmental case at the subject property. In a letter dated August 1, 2012, SCEMD requested that all wells relating to the site's environmental case be properly destroyed. Stratus, in conjunction with a licensed well contractor, recently completed the well destruction activities requested by SCEMD, and this report documents the procedures utilized to perform this work.

WELL DESTRUCTIONS

Prior to initiating work activities, well destruction permits were obtained from SCEMD and an encroachment permit was obtained from the City of Sacramento. Copies of the well destruction permits and encroachment permit are provided in Appendix A. The work areas were marked for Underground Service Alert (USA) clearance, and SCEMD, the City of Sacramento, Mr. Farooq, and USA were notified, 48 hours in advance of completion of work activities. The former well locations are presented on Figure 2. All work was completed under the direction of a State of California Professional Geologist.

A C-57 licensed drilling contractor (Penecore Drilling of Woodland, C-57 #906899) performed the well destruction activities, in the presence of a Stratus representative, between August 20 and 22, 2012. Each well (MW-1 through MW-9, VP-1 through VP-4,

and VW-1 through VW-4) was pressure grouted with neat cement. Following pressure grouting, an appropriately sized hollow stem auger was used to drill out the upper 5-feet of the well materials. Clean backfill material was subsequently used to backfill the borehole space, and the ground surface was patched to match the surrounding area.

Following completion of the work, Stratus submitted well destruction forms to the California Department of Water Resources (DWR) on behalf of Penecore Drilling, Inc. Copies of these forms are being transmitted separately to SCEMD (and not uploaded to Geotracker).

Waste debris generated during project work was containerized in 55-gallon steel drums and stored onsite pending disposal. A licensed contractor has been retained to remove the drums (four total drums temporarily stored at the site). Stratus will notify SCEMD once the drums have been removed from the property.

CLOSING

Destruction of the site wells, preparation of this report, submittal of DWR well destruction forms, and removal of investigation derived waste from the site completes the environmental activities required of Mr. Farooq pertaining to the historical motor vehicle fuel release to the subsurface. Stratus is therefore requesting closure of the site's environmental case, and a No Further Action Required letter for the subject property.

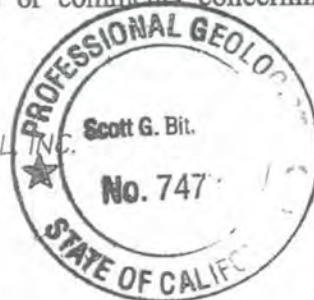
If you have any questions or comments concerning this report, please contact Scott Bittinger at (530) 676-2062.

Sincerely,

STRATUS ENVIRONMENTAL, INC.



Scott G. Bittinger, P.G.
Project Manager



Attachments: Figure 1 Site Location Map
 Figure 2 Site Plan
 Appendix A Well Destruction Permits and Encroachment Permit

cc: Mr. Mohammad Farooq
 Ms. Vera Fischer, California Regional Water Quality Control Board



GENERAL NOTES:
 BASE MAP FROM U.S.G.S.
 SACRAMENTO, CA.
 7.5 MINUTE TOPOGRAPHIC
 PHOTO REVISED 1980



QUADRANGLE LOCATION

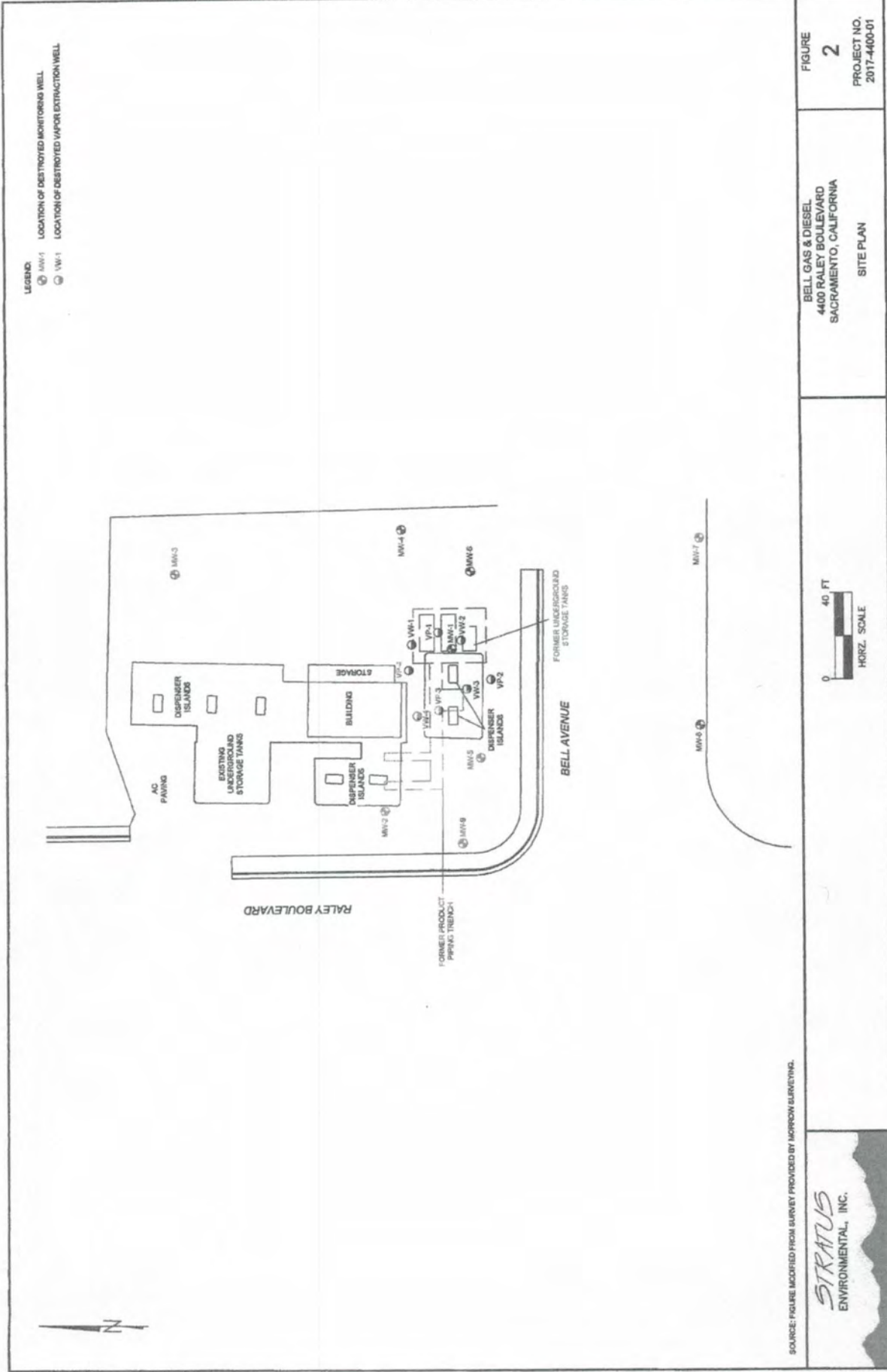


STRATUS
 ENVIRONMENTAL, INC.

BELL GAS & DIESEL
 4400 RALEY BOULEVARD
 SACRAMENTO, CALIFORNIA
 SITE LOCATION MAP

FIGURE
1
 PROJECT NO.
 2017-4400-01

Bell Gas & Diesel Site Location Map
 .JMP REV March 11, 2011
 Bell Gas & Diesel Company





WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT - ENVIRONMENTAL COMPLIANCE DIVISION
10580 ARMSTRONG AVENUE • SUITE A • MATHER, CA 95855
TELEPHONE (916) 875-8400 FAX: (916) 875-8513

WELL INSPECTION LINE: (916) 875-8524

IS THIS PERMIT FOR A HAZARDOUS SUBSTANCE INVESTIGATION? YES NO

AR 68283

FOR OFFICE USE ONLY		EXPEDITED PROCESSING? <input type="checkbox"/> YES <input type="checkbox"/> NO
<input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> APPROVED W/CONDITIONS (ATTACHED)	PERMIT NUMBER(S): 51674-51688	TOTAL FEE: \$426
BY: JTD	DATE: 8/14/12	RECEIVED: 8/10/12
INITIAL GROUT BY: _____	DATE: _____	WELL DEPTH: 313698
FINAL INSPECTION BY: _____	DATE: _____	GROUT DEPTH: _____
DESTRUCTION BY: _____	DATE: _____	GPS: N: 38 W: 121
COMMENTS: _____		

SITE ADDRESS: 4400 Raley Boulevard, Sacramento, CA 95838	
Job Address: 4400 Raley Blvd, Sacramento	Nearest Major Cross Street: Bell Avenue
Property Owner: Mohammad Farooq	Parcel Number(s): 238-0220-040-0000
Well Contractor: Peperone Drilling	CA License No.: 906899 Exp 11-30-13 OK
Contractor's Address: 1238 Alice St., Woodland 95776	530-661-3600
Well/Boring Identification Number(s): MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-9, UW-1, UW-2, UW-3, UW-4, UP-1, UP-2, UP-3, UP-4	

LAB
64
01
SAC

TYPE OF WORK: (California C-57 License required unless noted otherwise)

<input type="checkbox"/> Well construction	<input type="checkbox"/> Vault box repair (General A or B)	<input checked="" type="checkbox"/> Well destruction (SUPPLEMENT REQUIRED)
<input type="checkbox"/> Pump replacement (or C-61)	<input type="checkbox"/> Well repair	<input type="checkbox"/> Exploratory boring (C-57 if water present)
<input type="checkbox"/> Well inactivation (Owner only)	<input type="checkbox"/> Pump repair (or C-61)	<input type="checkbox"/> Other: _____

INTENDED USE:

<input type="checkbox"/> Domestic/private	<input type="checkbox"/> Dewatering	<input type="checkbox"/> Geotechnical boring
<input type="checkbox"/> Irrigation/agricultural	<input type="checkbox"/> Cathodic protection	<input type="checkbox"/> Environmental boring
<input type="checkbox"/> Water/vapor monitoring/extraction	<input type="checkbox"/> Heat exchange	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Public water system:	(NAME OF WATER PURVEYOR WITH CONTACT NAME AND TELEPHONE NUMBER)	

DRILLING METHOD:

Mud rotary Air Rotary Cable tool Auger Driven Other: _____

SETBACKS: (Wells only)

Is the well located within 50 feet of a: sewer line, stream, ditch, drainage course, pond, or lake? No

Is the well located within 100 feet of a: septic tank, leach line, deep trench, or animal enclosure? No

SPECIFICATIONS:

BOREHOLE: Diameter: 401 Depth: _____ CASING: Diameter: _____ Depth: _____

Diameter: _____ Depth: _____ CASING: Diameter: _____ Depth: _____

CONDUCTOR: Diameter: _____ Depth: _____ IF STEEL: Gauge: _____ or Thickness: _____

ANNULAR SEAL: Depth: _____ Material: _____ IF PLASTIC: Type: _____ (Must meet ASTM F-480)

TRANSITION SEAL: Material: _____ MULTIPLE COMPLETION? Yes (DIAGRAM REQUIRED)

COMMENTS: See attached table for well details

PUMP INSTALLATION/REPAIR:

Contractor: _____ License Number: _____ Type of Pump: _____ Horsepower: _____

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating wells and pumps, call (916) 875-8524 for a grout inspection at least 24 hours prior to the requested appointment time, submit a "Well Completion Report" (if required) within 80 days of the completion of my work so a final inspection can be made, and obtain WPD approval before placing a well in service.

SIGNATURE: _____ Property Owner OIC

PRINTED NAME: Mohammad Farooq Well Contractor

COMPANY: Bell Gas Diesel Agent (REQUIRES AUTHORIZATION FORM)

MAILING ADDRESS: 4400 Raley Blvd, Sacramento, CA 95838

PHONE NUMBER: 530-676-2662 (strings) **FIELD PHONE:** 530-903-1628 (strings)

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION.
PERMIT EXPIRES ONE (1) YEAR AFTER DATE APPROVED (UNLESS EXTENDED)



WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT - ENVIRONMENTAL COMPLIANCE DIVISION
10590 ARMSTRONG AVENUE SUITE A MATHER, CA 95855
TELEPHONE (916) 875-8400 FAX: (916) 875-8513

WELL INSPECTION LINE: (916) 878-8624

IS THIS PERMIT FOR A HAZARDOUS SUBSTANCE INVESTIGATION? YES NO

FOR OFFICE USE ONLY.

APPROVED APPROVED W/CONDITIONS (ATTACHED)

EXPEDITED PROCESSING? YES NO

BY: SDS DATE: 8/1/12 PERMIT NUMBER(S): 51689-51690

INITIAL GROUT BY: _____ DATE: _____ DATE RECEIVED: 8/1/12 TOTAL FEE: _____

FINAL INSPECTION BY: _____ DATE: _____ RECEIPT NO: 913678 DEPTH TO WATER: _____

DESTRUCTION BY: _____ DATE: _____ WELL DEPTH: _____ GROUT DEPTH: _____

GPS: N: 38 W: -121

COMMENTS: _____

No
62233

SITE ADDRESS: 4400 Raley Blvd., Sacramento

Job Address: South of 4400 Raley Blvd Nearest Major Cross Street: Bell Avenue

Property Owner: City of Sacramento Parcel Number(s): 1010, South of 238-0220-040-020

Well Contractor: Penecone Drilling CA License No.: 906899

Contractor's Address: 1238 Alice Street, Suite A, Woodland 95776

Well/Boring Identification Number(s): MW-7 & MW-9

TYPE OF WORK: (California C-57 License required unless noted otherwise)

- Well construction
- Pump replacement (or C-61)
- Well Inactivation (Owner only)
- Vault box repair (General A or B)
- Well repair
- Pump repair (or C-61)
- Well destruction (SUPPLEMENT REQUIRED)
- Exploratory boring (C-57 if water present)
- Other: _____

INTENDED USE:

- Domestic/private
- Irrigation/agricultural
- Water/vapor monitoring/extraction
- Public water system;
- Dewatering
- Cathodic protection
- Heat exchange
- Geotechnical boring
- Environmental boring
- Other: _____

DRILLING METHOD:

- (NAME OF WATER PURVEYOR WITH CONTACT NAME AND TELEPHONE NUMBER)
- Mud rotary
 - Air Rotary
 - Cable tool
 - Auger
 - Driven
 - Other: _____

SETBACKS: (Wells only)

- Is the well located within 50 feet of a: sewer line, stream, ditch, drainage course, pond, or lake? No
- Is the well located within 100 feet of a: septic tank, leach line, deep trench, or animal enclosure? No

SPECIFICATIONS:

BOREHOLE: Diameter: _____ Depth: _____ CASING: Diameter: _____ Depth: _____

CONDUCTOR: Diameter: _____ Depth: _____ CASING: Diameter: _____ Depth: _____

ANNULAR SEAL: Depth: _____ Material: _____ IF STEEL: Gauge: _____ or Thickness: _____

TRANSITION SEAL: Material: _____ IF PLASTIC: Type: _____ (Must meet ASTM F-480)

COMMENTS: See table for well construction details MULTIPLE COMPLETION? Yes (DIAGRAM REQUIRED)

PUMP INSTALLATION/REPAIR:

Contractor: _____ Type of Pump: _____ Horsepower: _____

License Number: _____

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating wells and pumps, call (916) 875-8624 for a grout inspection at least 24 hours prior to the requested appointment time, submit a "Well Completion Report" (if required) within 80 days of the completion of my work so a final inspection can be made, and obtain WPD approval before placing a well in service.

SIGNATURE: [Signature] Property Owner

PRINTED NAME: Tuan Nguyen Well Contractor

COMPANY: Penecone Drilling Agent (REQUIRES AUTHORIZATION FORM)

MAILING ADDRESS: 1238 Alice Street, Suite A, Woodland 95776

PHONE NUMBER: 530-681-3148 FIELD PHONE: 916-837-1684

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION.
PERMIT EXPIRES ONE (1) YEAR AFTER DATE APPROVED (UNLESS EXTENDED)

(Allan Dudding)
Status Emission Model

Cons

CITY OF SACRAMENTO DEPARTMENT OF TRANSPORTATION
ENCROACHMENT/EXCAVATION PERMIT

PERMIT NUMBER

201201012

APPLICANT: Mohammad Farooz/Penecore Dr PHONE: _____

ADDRESS: 4400 Raley Blvd

Sacramento, Ca 95838

Application is hereby made for Encroachment/Excavation Permit to perform the following:

1. Applicant's work order or job number: 2017-4400-01

2. Location or work: Bell Ave & Raley Blvd

3. General description of work to be done:

(a) Excavations: 0 0 0 A.C.
Width Depth Length Surface Material

(b) Conduit: _____ 0 _____
Type: (PVC, Metal, etc.) Diameter: Conveying: (Water, Gas, etc)

(c) Other: Destruction of MWs
(Sidewalk, Sign, Driveway, etc.)

4. Estimated: Start Date 8/1/2012 Days for Completion 2

5. Person familiar with details:

Name: Scott Bittinger - Stratus Phone No: (530) 681-3198

6. Applicants Inspector, Contractor, Foreman or Supervisor as appropriate:

Name: _____ Phone No.: (530) 676-2062

Note: See General Conditions (attached). See "Special Provisions" below. Call Encroachment-Streetuse Permit Help Desk 808-6810 one week prior to starting work.

DATE: 7/23/2012

FILE NUMBER

CIP Number:

PERMIT DATE

7/23/2012

COMPLETION DATE

Engineering		
Const Inspection		
Traffic		
Elect		

Days

Trench Cut Fee: \$

Ordinance #83070

INSPECTOR

LIFFRING

(916) 804-8363

"SPECIAL PROVISIONS"

Copy of USA ticket required. All USA markings shall be removed upon completion of project. Traffic Control Plan must be submitted and approved prior to the start of work. The Traffic Control Plan is required to be on site with this permit at all times. Failure to comply will result in a Fine.

installed on permit # 20031459

Countywide Services Agency
Environmental Management
Department

Environmental Compliance Division
Dennis Green, Chief



County of Sacramento

Terry Schutten, County Executive
Jim Hunt, Acting Agency Administrator
Val F. Siebal, Department Director

LAGING
November 25, 2009

Mr. Benjamin Guerra
Guerra AM/PM
1595 Bell Avenue
Sacramento, CA 95838

CERTIFIED NO.: 7001 1940 0000 7702 5511

Dear Mr. Guerra:

RE: LOCAL OVERSIGHT PROGRAM (LOP) SITE NO. G022; RO0001523
GUERRA AM/PM
1595 BELL AVENUE, SACRAMENTO, CA

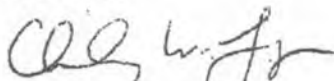
On October 16, 2009, the subject site was presented at a meeting of our office's Site Assessment and Mitigation Section.

It was determined that the site may be closed after providing the Central Valley Regional Water Quality Control Board (CVRWQCB) our contract-required 30-day notice. We received concurrence for closure from CVRWQCB on November 10, 2009.

Therefore, enclosed is a letter from the Environmental Management Department, together with the Case Closure Summary, indicating that this office requires no further action.

Please contact me at (916) 875-8474 if you have any questions about this.

Sincerely,


Charley W. Langer
Environmental Specialist III
Site Assessment and Mitigation

CWL:rjd

c: Vera Fischer, CVRWQCB
Joe Ramage, Ramage Environmental

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U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only: No Insurance Coverage Provided)	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Postmark Here	
Sent to	MR. BENJAMIN GUERRA GUERRA AM/PM
Street, or PO	1595 BELL AVENUE
City, St	SACRAMENTO, CA 95838
PS For	

7001 1940 0000 7702 5511



Countywide Services Agency
Environmental Management
Department

Terry Schutten, County Executive
Jim Hunt, Acting Agency Administrator
Val F. Siebal, Department Director

Environmental Compliance Division
Dennis Green, Chief

County of Sacramento

November 25, 2009

Mr. Benjamin Guerra
Guerra AM/PM
1595 Bell Avenue
Sacramento, CA 95838

Dear Mr. Guerra:

**RE: LOCAL OVERSIGHT PROGRAM (LOP) SITE NO. G022; RO0001523
GUERRA AM/PM
1595 BELL AVENUE, SACRAMENTO, CA**

This letter confirms the completion of a site investigation and remedial action for the underground storage tank system located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the underground storage tank system is greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Please contact Charley Langer at (916) 875-8474 if you have any questions regarding this matter.

Sincerely,

Val F. Siebal, Director
Environmental Management Department

VFS:CWL:rjd

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**Case Closure Summary
Leaking Underground Fuel Storage Tank Program**

DATE: November 25, 2009

I. AGENCY INFORMATION

Agency Name: Sacramento County Environmental Mgmt. Dept.	Address: 10590 Armstrong Avenue, Suite A
City/State/Zip: Sacramento, CA 95655	Phone/email: (916) 875-8474/langerc@saccounty.net
Responsible staff person: Charley Langer	Title: Environmental Specialist III

II. CASE INFORMATION

Site Facility Name: Guerra AM/PM		
Site Facility Address: 1595 Bell Avenue, Sacramento		
GeoTracker Case No: 341416	Local Case No: R00001523	LOP Case No: G022
URF file date: April 11, 2003	Global ID No. T0606725324	
Responsible Parties:	Address:	Phone Number:
Mr. Benjamin Guerra	1595 Bell Avenue Sacramento, CA 95838	(916) 922-0170

Tank No.	Size in Gallons	Contents	Closed in-Place/Removed?	Date
1				
2				
3				

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: dispenser and/or lines		
Site characterization complete? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Date approved by oversight agency: 07/16/06	
Monitoring Wells Installed? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Number:	Proper screen interval? <input type="checkbox"/> YES <input type="checkbox"/> NO
Highest GW depth below ground surface: 85	Lowest Depth: 85	Flow Direction: Unk
Most Sensitive Current Use: Municipal		
Are drinking water wells affected? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Aquifer name: Sacramento River Basin	
Is surface water affected? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Nearest affected SW name: Magpie Creek	
Off-site beneficial use impacts (addresses/locations): None		
Report(s) on file? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Where is report(s) filed? SCEMD	

Treatment and Disposal of Affected Material			
Materials	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	None	NA	NA
Piping	NA	NA	NA
Free Product	NA	NA	NA
Soil	NA	NA	NA
Groundwater	NA	NA	NA
Barrels	13 X 55-gallon	Hay Road Landfill, Vacaville, CA	July 31, 2007

**Case Closure Summary
Leaking Underground Fuel Storage Tank Program**

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

Maximum Documented Contaminant Concentrations--Before and After Cleanup									
Contaminant	Soil (mg/Kg)		Water (µg/L)		Contaminant	Soil (mg/Kg)		Water (µg/L)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gas)	480	480	<50	<50	Xylene	29	29	<1	<1
TPH (Diesel)	NA	NA	NA	NA	Ethylbenzene	4.5	435	<0.5	<0.5
Benzene	0.92	0.92	<0.5	<0.5	Oil & Grease	NA	NA	NA	NA
Toluene	1.4	1.4	<0.5	<0.5	Lead	NA	NA	NA	NA
MTBE	4.3	4.3	<0.5	<0.5	1,2-DCA	<0.1	<0.1	<0.5*	<0.5

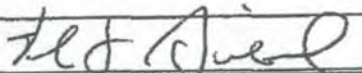
Comments (Depth/Type of Remediation, Mass Balance Calculations, Fate & Transport Results, etc.):

- Active remediation not conducted
- Estimated mass remaining: 60 pounds TPHg, 0.14 pounds Benzene, 0.58 pounds MTBE
- fate/transport modeling suggest possible MTBE impacts above WQO; however, mass analysis suggests WQO would not be exceeded in an adjacent supply well

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Basin Plan? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
Does the completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
Does corrective action protect public health for current land use? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
Site management requirements: No excavation or land use changes without EMD review		
Should corrective action be reviewed if land use changes? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Monitoring wells Decommissioned: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	No. Decommissioned: 0	No. Retained: 0
Fee Title Certification: Yes		
GeoTracker Input Verification: Yes		
List Enforcement Actions Taken: NOR January 30, 2003		
List enforcement actions rescinded: None		

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Val F. Siebal	Title: Director, EMD
Signature: 	Date: 11-20-09

VI. RWQCB NOTIFICATION

Date Submitted to RB: October 19, 2009	RB Response: Concur
RWQCB Staff Name: Vera Fischer	Title: Associate Engineering Geologist
Date: November 10, 2009	

VII. ADDITIONAL COMMENTS, DATA, ETC.

"Human Health Risk Assessment" results: Indoor air and direct-exposure pathways are incomplete. Outdoor air exposure pathway is comparably insignificant (operating service station).
