

**PHASE I ENVIRONMENTAL SITE ASSESSMENT,
FORRESTER CREEK INDUSTRIAL PARK,
Rincon Consultants, June 12, 2008**

Phase I Environmental Site Assessment

**Northwest Corner of
Weld Boulevard and
Cuyamaca Street
El Cajon, California**

Prepared for:

PBS&J

Prepared by:

**Rincon Consultants, Inc.
June 12, 2008**





Rincon Consultants, Inc.

5355 Avenida Encinas, Suite 103
Carlsbad, California 92008

760 918 9444
FAX 918 9449

info@rinconconsultants.com
www.rinconconsultants.com

June 12, 2008
Project 07-24380

Diane Catalano
PBS&J
9275 Sky Park Court, Suite 200
San Diego, California 92123

**Phase I Environmental Site Assessment
Northwest Corner of Weld Boulevard and Cuyamaca Street
El Cajon, CA**

Dear Ms. Catalano:

This report presents a summary of a Phase I Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. for the 31.5-acre property located at the northwest corner of Weld Boulevard and Cuyamaca Street in El Cajon, California. The Phase I ESA was performed in accordance with our revised proposal dated February 26, 2008.

The accompanying report presents our findings and provides an opinion regarding the potential presence and impact of environmental site conditions. Our work program for this project, as referenced in our contract, is intended to meet the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* (ASTM Standard E-1527-05). Our scope of services, pursuant to ASTM practice, did not include any inquiries with respect to asbestos, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, or high voltage power lines.

Thank you for selecting Rincon for this project. If you have any questions or if we can be of any future assistance, please contact us.

Sincerely,
RINCON CONSULTANTS, INC.

A handwritten signature in black ink, appearing to read "Kristie Tordai O'Neil".

Kristie Tordai O'Neil
Associate Environmental Scientist

A handwritten signature in black ink, appearing to read "Walter Hamann".

Walter Hamann, PG, CEG, REA II
Vice President, Environmental Services

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EL CAJON, CALIFORNIA

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EXECUTIVE SUMMARY

This report presents the findings of a Phase I Environmental Site Assessment completed for the 31.5-acre property located at the northwest corner of Weld Boulevard and Cuyamaca Street in El Cajon, California (Figure 1, Vicinity Map). The Phase I ESA was performed by Rincon Consultants, Inc. on behalf of PBS&J in general conformance with ASTM E 1527-05 and our revised proposal dated February 26, 2008. Rincon Consultants performed a reconnaissance of the site on April 4, 2008. The purpose of the reconnaissance was to observe existing site conditions and to obtain information indicating the possible presence of recognized environmental conditions in connection with the property.

The site is an irregular-shaped lot comprised of approximately 31.5-acres and is currently vacant with the exception of one small one-story vacant building formerly used by Fletchers Hills Golf Range staff. The site is part of the Gillespie Field Airport, a general aviation airport. Properties in the vicinity of the site include residential, commercial, and vacant land uses and an airport.

EDR was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the site and included data from surrounding properties within a specified radius of the site. The subject property was not listed in any of the databases searched by EDR. Four listings were identified within 1/8-mile of the subject property.

Two listings, County of San Diego Fleet Service, located at 1840 Weld Avenue and 7-Eleven, located at 9805 Prospect Street, were listed on the LUST database. According to the EDR report, both properties had unauthorized releases of unleaded gasoline to groundwater from USTs. Based on a reported groundwater flow direction toward the northwest and location downgradient of the subject property, 7-Eleven does not pose an environmental concern to the subject property.

Two additional nearby properties, 9735 Prospect Avenue and 1940-1980 Gillespie Way, are located within 1/8-mile downgradient and upgradient, respectively of the subject property and are listed on the HAZNET, HIST UST, RCRA-SQG, SAN DIEGO COUNTY SAM, SWEEPS UST, and UST databases searched by EDR. The EDR report indicates that USTs, hazardous materials, and generators are located on these sites. However, the listings for these facilities do not indicate that a release has occurred. No additional information was available in the EDR report.

Two additional properties, El Cajon Flying Service located at 1825 North Marshall and Gillespie Field, located over one-quarter mile southeast and upgradient of the subject property, were listed on the LUST database searched by EDR. Reportedly, these sites had an unauthorized release to groundwater. A groundwater flow towards the northwest and closed cases was reported for both of these sites. Based on the reported distance of these sites from the subject property, El Cajon Flying Service and Gillespie Field do not appear to pose an environmental concern to the subject property.

According to online Geotracker, Golden State Aviation, located between one-half to one mile southeast and upgradient of the subject property with a physical address of 1987 N. Marshall Avenue, was listed on the LUFT database. Specifically, this facility reportedly had an unauthorized release of unleaded gasoline to groundwater. According to an online GeoTracker report, total petroleum hydrocarbons as gasoline (TPHg) and volatile organic compounds



(VOCs) were detected in groundwater monitoring wells at this site. Two groundwater monitoring wells located farthest downgradient on this site and closest to the subject property, had no detectable concentrations of benzene or MTBE. A groundwater flow direction was also reported to be toward the northwest at this site. According to online Geotracker, the site is reportedly listed in remediation plan status. Based on the reported distance of this site from the subject property and no detectable concentrations of benzene and MTBE in the two groundwater monitoring wells closest to the subject property, Golden State Aviation does not appear to pose an environmental concern to the subject property.

Our review of agency files indicates that the County of San Diego Fleet Service, located at 1840 Weld Avenue, has detectable concentrations of TPHg, TPHd, BTEX, MTBE, and VOCs in groundwater, a groundwater flow eastward toward the subject property, and that groundwater remediation has not been implemented onsite, therefore, it is our opinion that the site located at 1840 Weld Boulevard is a REC.

In addition, we reviewed files for the Ketema Facility located at 790 Greenfield Drive. Although located over one-half mile from the site, a groundwater plume originating from this Facility is known to be present in the vicinity of Gillespie Airport. Our review of DEH or RWQCB files indicates that the Ketema Plume, originating from the Former Ketema Aerospace Facility is located between 1/2 to 1 mile southeast upgradient from the subject property, has not entirely been delineated, and groundwater remediation has not been implemented, therefore the site located at 790 Greenfield Drive is considered a potential REC.

Laurie Walsh, a project manager for the San Diego RWQCB, was interviewed by Rincon on April 8, 2008. Ms. Walsh indicated that no remediation treatments have been used to treat the Ketema plume since its discovery in 1987. She also mentioned that past and recent groundwater monitoring reports have not fully delineated the plume and that Ametek, Inc. has taken over the groundwater monitoring. Ms. Walsh mentioned that the Workplan was proposed by Ametek this month to evaluate the plume. She also mentioned that the Workplan should contain a proposed geophysical survey, groundwater testing, and soil vapor testing. Additional wells were reportedly not included in Ametek's recent Workplan.

Our review of historical aerial photographs, topographic maps, and city directories indicates that the site was vacant land from at least 1901 to 1975, and developed with small square-shaped structures and objects similar to today by 1989. The Fletcher Hills Golf Range (1756 Weld Boulevard) appeared in the city directories from at least 1981 to 2006.

This Phase I ESA has revealed evidence of one recognized environmental condition in connection with the subject property as listed below:

- The reported presence of TPHg, TPHd, BTEX, MTBE, and VOCs in groundwater located at 1840 Weld Boulevard, a western adjacent upgradient property.

It is our understanding that future development for the subject property includes approximately 463,000 square feet of multi-tenant industrial space, combining light industrial and warehouse uses. It is also understood that Ninyo and Moore has recently (April, 2008) conducted a groundwater sampling event on the western adjacent property (1840 Weld Boulevard) and will be submitting a report for this event within one to two months to the San Diego DEH. To evaluate the presence of TPHg, TPHd, BTEX, MTBE, and VOCs in groundwater located at 1840 Weld Boulevard, Rincon recommends conducting a file review, when available for review with the County of San Diego DEH, of the recent groundwater monitoring event performed for this



site. If file reviews do not define the extent of groundwater contamination at this site, then Rincon recommends soil and groundwater sampling in various locations along the western boundary of the subject property.

INTRODUCTION

This report presents the findings of a Phase I ESA completed for the 31.5-acre property located at the northwest corner of Weld Boulevard and Cuyamaca Street in El Cajon, California (Figure 1, Vicinity Map). The Phase I ESA was performed by Rincon Consultants, Inc. on behalf of PBS&J in general conformance with ASTM E 1527-05 and our proposal dated August 29, 2007. The following sections present our findings and provide our opinion as to the potential presence and impact of environmental site conditions.

PURPOSE

The purpose of this Phase I ESA was to assess the environmental conditions of a property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to CERCLA Liability, identify the possible presence of recognized environmental conditions (RECs) associated with possible soil and groundwater contamination at the site, to understand potential environmental conditions that could materially impact the operation of business associated with the parcel, and to identify the possible presence of recognized environmental conditions that could materially impact the operation of the business associated with the parcel of commercial real estate. A REC is defined pursuant to ASTM E 1527-05 as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

DETAILED SCOPE OF SERVICES

The scope of services conducted for this study is outlined below:

- Perform an on-site reconnaissance to identify indicators of the existence of hazardous materials.
- Observe adjacent or nearby properties from public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials.
- Obtain and review an environmental records database search from EDR to obtain information about the potential for hazardous materials to exist at the site or at properties located in the vicinity of the site.
- Review the current U.S. Geological Survey (USGS) topographic map to obtain information about the site's topography and uses of the site and properties in the vicinity of the site.



- Review historic aerial photographs, topographic maps, city directory, and Sanborn fire insurance maps to obtain information about historic uses of the subject property and adjacent properties.
- Review California Division of Oil and Gas records to obtain information about historic oil and gas activity in the vicinity of the site.
- Provide an interview questionnaire to the current property owner or a designated site representative.
- Prepare this report documenting the findings of the Phase I study.

Our scope of services did not include any inquiries with respect to non-scope ASTM considerations including radon gas, lead in drinking water, mold, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality or electromagnetic fields.

SIGNIFICANT ASSUMPTIONS, LIMITATIONS, EXCEPTIONS, SPECIAL TERMS AND CONDITIONS

PBS&J has requested this assessment and will use the assessment to provide information for the purposes of redeveloping portions of the said property. No other use or disclosure is intended or authorized by Rincon. PBS&J agrees to hold Rincon harmless for any inverse condemnation or devaluation of said property that may result if Rincon's report or information generated is used for other purposes. Also, this report is issued with the understanding that it is to be used only in its entirety. It is intended for use only by the client, and no other person or entity may rely upon the report without the express written consent of Rincon.

This work has been performed in accordance with good commercial, customary, and generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No guarantee or warranties, expressed or implied are provided.

The findings and opinions conveyed in this report are based on findings derived from a site reconnaissance, review of an environmental database report, specified regulatory records and historical sources, and comments made by interviewees. This report is not intended as a comprehensive site characterization and should not be construed as such. Standard data sources relied upon during the completion of Phase I ESAs may vary with regard to accuracy and completeness. Although Rincon believes the data sources are reasonably reliable, Rincon cannot and does not guarantee the authenticity or reliability of the data sources it has used. Additionally, pursuant to our contract, the data sources reviewed included only those that are practically reviewable without the need for extraordinary analysis.

Rincon has not found evidence that hazardous materials or petroleum products exist at the site at levels likely to warrant mitigation. Rincon does not under any circumstances warrant or guarantee that not finding evidence of hazardous materials or petroleum products means that hazardous materials or petroleum products do not exist on the site. Additional research, including surface or subsurface sampling and analysis, can reduce risks for PBS&J, but no techniques commonly employed can eliminate these risks altogether. In addition, in accordance with our authorized work scope and contract, no attempt was made to check for the presence of lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, or high voltage power lines.



USER RELIANCE

This Phase I ESA was prepared for use solely and exclusively by PBS&J. This report shall not be relied upon by or transferred to any other party without the express written authorization of Rincon Consultants.

SITE DESCRIPTION

LOCATION AND LEGAL DESCRIPTION

The subject property is comprised of 31.5-acres located at the northwest corner of Weld Boulevard and Cuyamaca Street in El Cajon, California (Figure 2, Site Map).

SITE AND VICINITY GENERAL CHARACTERISTICS

The site is an irregular-shaped lot and is currently vacant with the exception of one small one-story vacant building formerly used by Fletchers Hills Golf Range staff. The property is part of the Gillespie Field Airport, a general aviation airport. Properties in the vicinity of the site include residential, commercial, and vacant land uses and an airport.

CURRENT USE OF THE PROPERTY

The site is currently occupied primarily by vacant and vegetated land. Access to the site is provided through an entrance driveway along Weld Boulevard (Figure 2).

DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

The site is primarily comprised of vacant and vegetated land. A small one-story vacant building formerly used by Fletchers Hills Golf Range staff and a small asphalt-paved parking lot are located on the southern portion of the site (Figure 2). A dirt pathway located on the western portion of the site provides access to the rest of the site north of the small one-story vacant building and asphalt-paved parking lot.

Electrical and natural gas are provided by SDG&E. Water is provided by the Padre Dam Municipal Water District (PDMWD). Sewer service is provided by the City of El Cajon. Solid waste collection and recycling is provided by Waste Management, Inc.

CURRENT USES OF THE ADJOINING PROPERTIES

Current adjacent land uses are described in Table 1 and depicted on Figure 3, Adjacent Land Use Map.



Table 1 - Current Uses of Adjacent Properties

Area	Use
Northern Property	Concrete Crushing Facility (along Cuyamaca Street and Prospect Avenue)
Southern Property	Commercial Land Use (Weld Boulevard)
Western Property	County of San Diego El Cajon Operation Center and Residential and Commercial Land Use
Eastern Property	Cuyamaca Street, Forrester Creek channel, trolley tracks, and Gillespie Air Field

USER PROVIDED INFORMATION

As described in ASTM-05 Section 6, a User questionnaire was provided to the Client to identify the possibility of recognized environmental conditions in connection with the property. Mr. Gary Watts, a consultant of Pacific Scene Commercial (PSC), completed the User Questionnaire as provided by ASTM-05 Appendix 3. PSC is the current and future long-term lessee of the property, which is owned by the County of San Diego. A copy of the completed questionnaire is included in Appendix 3.

TITLE RECORDS

Rincon was not provided with a copy of Title Report. Mr. Watts indicated that the Title Report does not include environmental liens or activity and use limitations for the subject property.

ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Mr. Watts indicated on his questionnaire that he is unaware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law. Mr. Watts also indicated that he believes the site has activity and land use limitations because the property is owned by the airport. Please note that an environmental lien search was not conducted for the subject property as part of this Phase I ESA.

SPECIALIZED KNOWLEDGE

Mr. Watts indicated on the questionnaire that he does not have any specialized knowledge or experience related to the property or nearby properties.

COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Mr. Watts indicated on his questionnaire the following commonly known or reasonably ascertainable information:

- Mr. Watts indicated that the past use of the site was a driving range and open space.
- Mr. Watts is not aware of specific chemicals that are present or once were present at the property.
- Mr. Watts is not aware of spills, other chemical releases, or any environmental cleanups that have taken place at the subject property.

Mr. Watts indicated on his questionnaire that based on his knowledge and experience related to the property, there are no obvious indicators that point to the presence or likely presence of contamination at the property.



VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Mr. Watts indicated that the subject property is leased and that he does not have any specific information about a reduction in property value relative to any known environmental issues.

OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

An interview questionnaire regarding the current and former uses of the site was completed by a representative of PSC for the site, Mr. Watts. PSC is the current and future long-term lessee of the property, which is owned by the County of San Diego. The information obtained from the interview questionnaire is described in the Site Reconnaissance and Interviews section of this report.

REASON FOR PERFORMING PHASE I ESA

The purpose of this Phase I ESA was to assess the environmental conditions of a property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to CERCLA Liability.

RECORDS REVIEW

PHYSICAL SETTING SOURCES

Topography

The site is located in Township 15 South, Range 1 West, Section 33 as depicted on the USGS topographic map for the El Cajon, California 7.5 minute quadrangle (2002). The surface elevation of the site is approximately 360 feet above mean sea level. Regional topography is shown as gently sloping north-northwest. Gillespie Field is located less than one-quarter mile east of the subject property. Additionally, the western adjacent site is shown as a gravel pit on the topographic map.

Geology and Hydrogeology

Regional Geology

The site lies within the Peninsular Ranges Geologic Province of California. This geomorphic province is traversed by a group of northwest trending sub-parallel fault zones and encompasses an area that extends 125 miles from the Transverse Ranges and the Los Angeles Basin south to the Mexican Border and beyond another 775 miles to the tip of Baja California. Rocks within the Peninsular Range Province were emplaced during Cretaceous age orogenic events and uplifted into the present mountain ranges during the late Tertiary and Quaternary. Igneous, metamorphic and sedimentary rocks are all found within the Peninsular Ranges.

Site Geology

According to the Geologic Map of the El Cajon Quadrangle (2002) the site is primarily underlain by Quaternary geologic age alluvium deposits. Specifically, the alluvium deposits are of Late Pleistocene geologic age and consist of moderately consolidated, poorly-sorted flood plain deposits. Deposits consist of gravelly, sandy silt and clay. Additionally, surrounding geology west and south of the site contains Cretaceous geologic age tonalite. Specifically, medium-grained, dark colored and severely weathered tonalite, granodiorite and quartz-diorite are present.



Regional Groundwater Occurrence and Quality

According to the Water Quality Control Plan for the San Diego Basin (1994), the subject property is situated within the Santee Hydrologic Subarea within the Lower San Diego Hydrologic Area of the San Diego Hydrologic Unit. Groundwater within the San Diego Hydrologic Subarea has existing beneficial uses for municipal, agricultural, and industrial supply purposes.

According to agency files reviewed for the western adjacent property, County of San Diego Santee Service Station, located at 1840 Weld Boulevard, groundwater was measured beneath the site in 2004 and 2005 groundwater sampling event at between 42 to 53 feet below grade. The groundwater flow direction was evaluated to be to the north and west in a 2004 and 2005 groundwater monitoring event, respectively.

STANDARD ENVIRONMENTAL RECORD SOURCES

Environmental Data Resources Inc (EDR) was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The search conducted by EDR for the site includes data from surrounding properties within a specified radius of the site. A copy of the EDR report, which specifies the ASTM search distance for each public list, is included in Appendix 2. As shown on the attached EDR report, Federal, State and County lists were reviewed as part of the research effort.

The subject property was not listed in any of the databases searched by EDR. Four listings were identified within 1/8-mile of the subject property and are shown on Table 2, EDR Listing Summary of Properties Within One-Eighth Mile of the Site. The listings include sites that appear in the following databases:

CORTESE. Identified Hazardous Waste and Substance Sites. This database (from the CAL EPA/Office of Emergency Information) identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration.

FINDS: Facility Index System. Contains both facility information and pointers to other sources that contain more detail.

HAZNET: Hazardous Waste Information System. Data are extracted from the copies of hazardous waste manifests received each year by the DTSC (information is provided by the Department of Toxic Substances Control).

HistUST: The Hazardous Substance Storage Container Database is a historical listing of UST sites. This database is maintained by the State Water Resources Control Board.

LUST: LUST records contain an inventory of reported leaking underground storage tank incidents. This database is maintained by the State Water Resources Control Board.

RCRA-(TSD, LQG, SQG): RCRAInfo is U.S. 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 and recording abilities of the Resource Conservation and



Recovery Information System (RCRIS). The RCRAInfo database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by RCRA. Conditionally exempt small quantity generators (CESQG) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQG) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQG) generate over 1,000 kg of hazardous waste or over 1 kg of acutely hazardous waste per month. Transporters move hazardous wastes from the generator off-site to a facility that can recycle, treat, store or dispose of the waste. Transporters, disposal and storage facilities (TSDFs) treat store or dispose of the waste.

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

SWEEPS UST: This underground storage tank listing was updated and maintained by a company contacted by the State Water Resources Control Board in the early 1980s. This listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

UST: The UST database contains registered USTs. This database is maintained by the State Water Resources Control Board.

**Table 2 - EDR Listing Summary of Properties
Within One-Eighth Mile of the Site**

Site Name	Site Address	Distance/Direction from Subject Property	Database Reference
Santee County Garage, County of San Diego Fleet Service, County of San Diego, Santee Service Station	1840 Weld Avenue	Western Adjacent Property	CORTESE, FINDS, HAZNET, HIST UST, LUST, RCRA- SQG, SAN DIEGO COUNTY SAM, SWEEPS UST, UST
Woodruffs Trenching	9735 Prospect Avenue	less than 1/8 mile north	HIST UST, SAN DIEGO COUNTY SAM, SWEEPS UST
7-Eleven Food Store #20611, Southland 7-11 Food Store No. 20611	9805 Prospect Avenue	less than 1/8 mile northeast	CORTESE, HIST UST, LUST, SAN DIEGO COUNTY HMMD, SAN DIEGO COUNTY SAM, SWEEPS UST, UST
Taylor Listug Inc., DBA Taylor Guitars	1940 & 1980 Gillespie Way	less than 1/8 mile south	HAZNET, RCRA-SQG



The Subject Property

The subject property was not listed on any of the databases searched by EDR.

ADDITIONAL RESEARCH

LUST Listings within One-Eighth Mile

County of San Diego Fleet Service - 1840 Weld Avenue

The western adjacent property, County of San Diego Fleet Service, located at 1840 Weld Avenue was listed on the LUST database searched by EDR. Reportedly, this facility had an unauthorized release of unleaded gasoline to groundwater on August 26, 1998 and Case No. 9UT3732 was opened with San Diego Regional Water Quality Control Board (RWQCB). According to the EDR report, the site is listed in a preliminary site assessment status.

According to online Geotracker, County of San Diego Fleet Service (western adjacent property), located at 1840 Weld Avenue, was listed on the leaking underground fuel tank (LUFT) database. Specifically, this facility reportedly had an unauthorized release of unleaded gasoline to groundwater from a UST on August 26, 1998. According to online Geotracker, the site is reportedly listed in remediation plan status. Further information regarding this facility is provided in the Agency File Review section of this report.

7-Eleven Food Store No. 20611 - 9805 Prospect Avenue

A second nearby property, 7-Eleven Food Store No. 20611, located less than 1/8 mile northeast of the subject property was listed on the LUST database searched by EDR. Reportedly, this facility had an unauthorized release of unleaded gasoline to groundwater on October 22, 1998 and Case No. 9UT3841 was opened with San Diego RWQCB. According to the EDR report, the site is listed in remediation status with cleanup underway.

According to online Geotracker, 7-Eleven Food Store No. 20611, located less than 1/8 mile northeast and downgradient of the subject property was listed on the LUFT database. Reportedly, this facility had an unauthorized release of unleaded gasoline to groundwater on October 22, 1998 and County Case No. H20832-002 was opened with the San Diego Local Oversight Program (LOP). The groundwater flow direction was reported to be toward the northwest at this site. According to online Geotracker, the site is reportedly listed in remediation with an open case status. Based on the reported distance of this site from the subject property, and a groundwater flow direction away from the subject property to the northwest, the 7-Eleven does not appear to pose an environmental concern to the subject property.

Adjacent and Surrounding Properties

Two additional adjacent properties, 9735 Prospect Avenue and 1940-1980 Gillespie Way, are located within 1/8-mile downgradient and upgradient, respectively, of the subject property and are listed on the HAZNET, HIST UST, RCRA-SQG, SAN DIEGO COUNTY SAM, SWEEPS UST, and UST databases searched by EDR. The EDR report indicates that USTs, hazardous materials, and generators are located on these sites. However, the listings for these facilities do not indicate that a release has occurred. No additional information was available in the EDR report.



Additional LUST Listings within One-mile

El Cajon Flying Service, located between one-quarter to one-half mile southeast of the subject property, with a physical address of 1825 North Marshall Avenue, was listed on the LUST database searched by EDR. Reportedly, this facility had an unauthorized release of gasoline to groundwater on March 8, 1989. According to the EDR report, the site is listed in a preliminary site assessment status.

According to online Geotracker, El Cajon Flying Service, located upgradient of the subject property, was listed on the LUFT database. Reportedly, this facility had an unauthorized release of aviation gasoline and additives to groundwater on March 8, 1989 and Case No. 9UT1439 was opened with San Diego RWQCB. A groundwater flow direction was also reported to be toward the northwest at this site. According to online Geotracker, the site is reportedly listed as a closed case. Based on the reported distance of this site from the subject property, El Cajon Flying Service does not appear to pose an environmental concern to the subject property.

One additional property, Gillespie Field, located between one-half to one mile east of the subject property, was listed on the LUST database searched by EDR. Reportedly, this facility had an unauthorized release of diesel and gasoline to groundwater on February 17, 1989. According to the EDR report, contaminated soil was excavated and disposed at an approved site. Reportedly, the site is listed as case closed. Based on the reported distance of this site from the subject property and a regional groundwater flow direction toward the northwest, Gillespie Field does not appear to pose an environmental concern to the subject property.

ONLINE GEOTRACKER FILES

Golden State Aviation – 1987 N. Marshall Avenue

According to online Geotracker, Golden State Aviation, located between one-half to one mile southeast and upgradient of the subject property with a physical address of 1987 N. Marshall Avenue, was listed on the LUFT database. Specifically, this facility reportedly had an unauthorized release of unleaded gasoline to groundwater from USTs on September 3, 1991. Case No. 9UT3732 was opened with San Diego RWQCB. According to an online GeoTracker report, total petroleum hydrocarbons as gasoline (TPHg) and volatile organic compounds (VOCs) were detected in groundwater monitoring wells at this site. Two groundwater monitoring wells (MW-7 and MW-2) located farthest downgradient on this site and closest to the subject property, had no detectable concentrations of benzene or MTBE. A groundwater flow direction was also reported to be toward the northwest at this site. According to online Geotracker, the site is reportedly listed in remediation plan status. Based on the reported distance of this site from the subject property and no detectable concentrations of benzene and MTBE in the two groundwater monitoring wells closest to the subject property, Golden State Aviation does not appear to pose an environmental concern to the subject property.

AGENCY FILE REVIEWS

As a follow up to the EDR database and online Geotracker search, we reviewed files for the County of San Diego Fleet Service facility located at 1840 Weld Boulevard and for a property with a known regional groundwater contamination plume, Former Ketema Aerospace facility, located at 790 Greenfield Drive. Agency files from the County of San Diego Department of Environmental Health Division of (DEH) and the San Diego RWQCB were reviewed. Below is a summary of the reviewed files.



County of San Diego El Cajon Operations Center - 1840 Weld Boulevard

A 1998 report¹ for this site indicated that on August 26, 1998, two 6,000-gallon gasoline USTs, one 300-gallon waste oil UST, a waste oil sump within a maintenance pit and associated piping were removed from this site.

Confirmation soil samples collected below the former gasoline dispensers had detectable concentrations of TPHg and total petroleum hydrocarbons as diesel (TPHd). TPHg was also detected in two piping samples. Total Recoverable Petroleum Hydrocarbons (TRPH) was also detected below the sump.

Approximately 115 cubic yards of soil was excavated beneath the fuel dispenser and subsequent confirmation soil samples collected. Seven of eleven soil samples collected had detectable concentrations of TPHg.

Impacted soil was removed offsite and a 12,000-gallon gasoline UST was installed in the former UST excavation and backfilled with non-impacted soil.

To evaluate the vertical and horizontal extent of petroleum hydrocarbons in the former fuel dispenser area and beneath the former waste oil sump, Burns & McDonnell (1999) prepared a work plan for this site. The work plan was approved by the County in May, 2000.

In October and November of 2000, three soil borings and three groundwater monitoring wells were installed at this site to a depth of 50 feet and 75 feet below grade surface, respectively. Groundwater monitoring occurred in these monitoring wells from December of 2000 until March of 2003. Depth to groundwater in the groundwater monitoring wells was reported at 65 feet below grade surface. According to the report, groundwater samples collected from the groundwater monitoring wells had detectable concentrations of Benzene, MTBE, and VOCs. However, concentrations were reported to continually decrease over time in all wells.

In September of 2003, the County issued a letter indicating that the screened interval for the three groundwater monitoring wells was screened below the water table and needed to be re-installed. On May 17 and 18, 2004, three new groundwater monitoring wells were installed. Samples were collected and analyzed for TPHg, TPHd, VOCs, benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl-tert-butyl-ether (MTBE) during the 2004 groundwater sampling event. TPHg, TPHd, benzene, MTBE, and VOCs were detected in groundwater samples at concentrations above those detected during the previous monitoring event. No liquid phase hydrocarbons were noted in these wells and the depth to groundwater in the wells ranged from 42.23 to 53.33 feet below grade surface. Groundwater flow during the May 7, 2004 monitoring event was interpreted to flow towards the east, which varies from the northerly direction from the March 10, 2003 monitoring event.

A July 2005 document² from the County addressed to the County of San Diego Fleet Service, located at 1840 Weld Boulevard, serves as a reminder to the primary or active Responsible Party of a UST Unauthorized Release of the responsibility for the uploading of certain reports and data to the State Water Resources Control Board's (SWRCB) Geotracker geographic information

¹ County of San Diego - Department of Public Works, Santee Service Station – Supplemental Groundwater Assessment and 2002 Annual Groundwater Sampling Event, 1840 Weld Boulevard November 11, 2004.

² County of San Diego - County of San Diego Fleet Service (H04831-001), 1840 Weld Boulevard July 13, 2005.



system among other requirements by the County.

A January 2006 document³ from the County of San Diego DEH, addressed to the County of Public Works located at 1840 Weld Boulevard, indicates that installation of a downgradient groundwater monitoring well is required by the DEH and groundwater monitoring/sampling must be conducted in existing wells. Additionally, the site location maps in subsequent maps must also illustrate the area topography. No recent files were available for review.

In summary, based on the adjacent location of a known release to groundwater at an upgradient location, and the presence of detectable concentrations of TPHg, TPHd, BTEX, MTBE, and VOCs in groundwater, the property located at 1840 Weld Boulevard is an environmental concern to the subject property.

A 2007 Workplan⁴ prepared by Ninyo & Moore proposes the installation of two additional groundwater monitoring wells and conducting groundwater monitoring in these two wells and in three existing wells onsite. The two additional groundwater monitoring wells are proposed to be installed upgradient and downgradient of the UST system release area. Soil and groundwater samples will be collected and analyzed for TPH and TPH, VOCs and oxygenates, and lead. The data obtained from these five groundwater monitoring wells will be used to evaluate the unauthorized release suitable for regulatory closure or if additional assessment, sampling, or remediation is required.

The Workplan also indicated that Gradient Engineers, Inc. conducted groundwater monitoring at this site in 2004 and 2005. Groundwater monitoring wells are located downgradient of the former USTs on this site and located approximately 275 feet west of the subject property.

Groundwater samples at this site had detectable concentrations of TPHg, BTEX, MTBE, tert butyl alcohol (TBA), and other VOCs. A groundwater flow direction to the east and north was evaluated for the site in 2004 and 2005, respectively. Additionally, it appears the downgradient extent of the gasoline in groundwater towards the site has not been defined.

A 2007 letter⁵ from the County of San Diego DEH indicates that the Workplan submitted by Ninyo & Moore on July 27, 2007 has been approved.

Former Ketema Aerospace and Electronics (A&E) – 790 Greenfield Drive

A 2004 report⁶ prepared by Geomatrix Consultants indicates that the former Ketema A&E site had been operating as an aerospace and electronics manufacturing facility since the late 1940s until it was sold to Senior Flexonics in 1998/1999 (Groundwater Services, Inc., 2002). The former Ketema A&E site is located over 1.5 miles southeast of the subject property.

Based on our review of the 2004 report, historical site activity included the use of chlorinated solvents that resulted in VOC impacted soil and groundwater. The highest reported concentration of VOCs was near the location of a former sump onsite which received rinse water containing solvents. The sump and approximately 190 cubic yards of impacted soil were

³ County of San Diego - County of San Diego Fleet Service (H04831-001), 1840 Weld Boulevard January 17, 2006.

⁴ Ninyo & Moore – Workplan for Groundwater Monitoring Well Installation and Sampling, County of San Diego, Santee Service Station (H04831-001), 1840 Weld Boulevard July 27, 2007.

⁵ County of San Diego – Workplan Approval Letter (H04831-001), 1840 Weld Boulevard October 16, 2007.

⁶ 2003 Annual Groundwater Monitoring Report, Former Ketema A&E Site - 790 Greenfield Drive, January 26, 2004.



removed from the site in late 1987. Since that time, trichloroethylene (TCE) primarily, and other VOCs have been found in groundwater downgradient of the facility.

Groundwater investigations at the facility began in 1988. According to the 2004 report, 27 site-related monitoring wells, and a Thrifty Oil groundwater monitoring well that extends 6,000 feet downgradient of the site, are actively being monitored for contaminants on a quarterly basis.

Reportedly, depth to groundwater at the facility ranges from 10 to 15 feet below grade surface with a groundwater flow towards the northwest. Results for the 2003 monitoring event indicate that low concentrations of TCE were detected in all perimeter wells located along Joe Crosson Drive and on Gillespie Field property. According to report, the TCE plume was interpreted to extend downgradient onto the southeast portion of Gillespie Air Field in the vicinity of MW-23. MW-23 is located approximately one mile southwest of the subject property. Additionally, the report indicated that TCE concentrations reported for 2003 samples onsite and downgradient generally have decreased or are in historic ranges since the previous sampling event.

A 2008 report⁷ prepared by Ametek, Inc and Schutte & Koerting, Inc indicates that 28 groundwater monitoring wells were statistically analyzed to determine if VOCs in them were increasing, decreasing, or stable. Wells were either sampled quarterly or semi-annually. However, certain constituents in some wells were not included in the analysis due to insufficient data. Statistical data indicates that there are increasing, decreasing, and stable concentration of VOCs in various groundwater monitoring wells for the December 2007 groundwater sampling event.

It appears that the farthest groundwater monitoring well downgradient and closest to the subject property (between 1/2 to 1 mile southwest) has a TCE concentration of 8.8 micrograms per liter (ug/L), which is close to the maximum contaminant level (MCL) of 5 ug/L for TCE. Based on a regional groundwater flow direction to the northwest and toward the subject property, the Ketema plume could be impacting the site.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Review of State of California Division of Oil and Gas Records

A review of the District 1 Oil and Gas map (December 18, 2007) located on the Department of Conservation, Division of Oil, Gas & Geothermal (DOG) Resources website indicates that there are no oil, gas, or geothermal wells located within a one mile radius of the subject property.

HISTORICAL USE INFORMATION ON THE PROPERTY AND THE ADJOINING PROPERTIES

The historic records review completed for this Phase I ESA includes aerial photographs, topographic maps, and city directories as detailed in the following sections. Our review of historical aerial photographs, topographic maps, and city directories indicates that the site was vacant land from at least 1901 to 1975, and developed with small square-shaped structures and objects similar to today by 1989, likely a golf range. The Fletcher Hills Golf Range (1756 Weld Boulevard) appeared in the city directories from at least 1981 to 2006.

⁷ Groundwater Monitoring Report, 4th Quarter 200, Former Ketema A&E Site - 790 Greenfield Drive, January 30, 2008.



No data gaps of greater than 5 years were identified for the site in the historical records reviewed.

Review of Historic Aerial Photographs

Aerial photographs were reviewed from 1953, 1963, 1974, 1989, 1994, and 2002. The date and source of each photograph and the observations noted are summarized in Table 3. Copies of the aerial photographs are included in Appendix 1.

Review of Historic Topographic Maps

Historic USGS topographic maps for El Cajon and Cuyamaca quadrangles were reviewed from 1901, 1903, 1904, 1939, 1948, 1967, 1975, and 1996. Copies of the historic topographic maps are included in Appendix 1. Table 3 lists the historical uses of the site based on our review of the available topographic maps.

Review of City Directory Listings

City directory listings were reviewed during the preparation of this report. The findings are summarized in Table 3. Copies of city directories are included in Appendix 1.

Review of Fire Insurance Maps

Fire insurance maps were not available for the subject property. A copy of the fire insurance map report from EDR is included in Appendix 1.

Table 3 - Historical Use of the Subject Property and Adjacent Properties

Year	Use	Source
Subject Property		
Northwest corner of Weld Boulevard and Cuyamaca Street (1756 Weld Boulevard)		
1901	Vacant land is depicted	TM – El Cajon Quadrangle
1903	Same as the 1901 topographic map	TM – Cuyamaca Quadrangle
1904	Same as the 1903 topographic map	TM- Southern CA Sheet 2
1939	Same as the 1904 topographic map	TM – El Cajon Quadrangle
1948	Same as the 1939 topographic map	TM – El Cajon Quadrangle
1953	Vacant land is depicted	AP – Park
1963	Same as the 1953 aerial photograph	AP – Cartwright
1967	Same as the 1948 topographic map	TM – El Cajon Quadrangle
1974	Same as the 1963 aerial photograph	AP – AMI
1975	Same as the 1967 topographic map	TM – El Cajon Quadrangle
1981	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
1986	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
1989	Several very small structures and objects are depicted	AP – USGS
1991	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
1994	Same as the 1989 aerial photograph	AP – USGS
1996	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
1996	Same as the 1975 topographic map	TM – El Cajon Quadrangle
2001	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
2002	Same as the 1994 aerial photograph	AP – USGS
2006	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
Northern Adjacent Properties		
1901	Vacant land is depicted	TM – El Cajon Quadrangle
1903	Same as the 1901 topographic map	TM – Cuyamaca Quadrangle
1904	Same as the 1903 topographic map	TM- Southern CA Sheet 2
1939	Same as the 1904 topographic map	TM – El Cajon Quadrangle



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Northwest corner of Weld Boulevard and Cuyamaca Street, El Cajon, California

Year	Use	Source
1948	Same as the 1939 topographic map	TM – El Cajon Quadrangle
1953	Vacant land, vegetation, and Forester Creek is depicted	AP – Park
1963	Same as the 1953 aerial photograph with the following exception: less vegetation is depicted	AP – Cartwright
1967	Same as the 1948 topographic map with the following exception: a road is depicted	TM – El Cajon Quadrangle
1974	Same as the 1963 aerial photograph with the following exception: scattered vegetation is depicted	AP – AMI
1975	Same as the 1967 topographic map	TM – El Cajon Quadrangle
1989	Same as the 1974 aerial photograph with the following exceptions: vegetation is no longer present, occupied land is depicted, and Forester Creek is now channeled	AP – USGS
1994	Same as the 1989 aerial photograph	AP – USGS
1996	Same as the 1975 topographic map with the following exception: Forester Creek is now channeled	TM – El Cajon Quadrangle
2002	Same as the 1994 aerial photograph	AP – USGS
Eastern Adjacent Properties Cuyamaca Street		
1901	Vacant land is depicted	TM – El Cajon Quadrangle
1903	Same as the 1901 topographic map	TM – Cuyamaca Quadrangle
1904	Same as the 1903 topographic map	TM- Southern CA Sheet 2
1939	Same as the 1904 topographic map	TM – El Cajon Quadrangle
1948	Same as the 1939 topographic map	TM – El Cajon Quadrangle
1953	Cuyamaca Street followed by a wastewater treatment plant which includes one small square structure and five round tanks and Forester Creek and Gillespie Field are depicted	AP – Park
1963	Same as the 1953 aerial photograph with the following exception: scattered vegetation is depicted	AP – Cartwright
1967	Same as the 1948 topographic map with the following exceptions: Cuyamaca Street followed by a wastewater treatment plant which includes one small square structure and three round tanks and Forester Creek, and Gillespie Field are depicted	TM – El Cajon Quadrangle
1974	Same as the 1963 aerial photograph with the following exception: wastewater treatment plant is no longer depicted	AP – AMI
1975	Same as the 1967 topographic map	TM – El Cajon Quadrangle
1989	Same as the 1974 aerial photograph with the following exception: Forester Creek is now channeled	AP – USGS
1994	Same as the 1989 aerial photograph with the following exception: several very small scattered structures and objects are depicted	AP – USGS
1996	Same as the 1975 topographic map with the following exception: wastewater treatment plant is no longer depicted and Forester Creek is now channeled	TM – El Cajon Quadrangle
2002	Same as the 1994 aerial photograph with the following exceptions: very small scattered structures and objects are no longer present, Weld Boulevard is now a through street, and trolley tracks are depicted.	AP – USGS
Southern Adjacent Properties Weld Boulevard		
1901	Vacant land is depicted	TM – El Cajon Quadrangle



Year	Use	Source
1903	Same as the 1901 topographic map	TM – Cuyamaca Quadrangle
1904	Same as the 1903 topographic map	TM- Southern CA Sheet 2
1939	Same as the 1904 topographic map	TM – El Cajon Quadrangle
1948	Same as the 1939 topographic map	TM – El Cajon Quadrangle
1953	A dirt road followed by vacant land, scattered trees, and dirt paths are depicted	AP – Park
1963	Same as the 1953 aerial photograph with the following exceptions: several small round and square objects and dirt paths are depicted	AP – Cartwright
1967	Same as the 1948 topographic map with the following exception: a road is depicted	TM – El Cajon Quadrangle
1974	Same as the 1963 aerial photograph	AP – AMI
1975	Same as the 1967 topographic map	TM – El Cajon Quadrangle
1989	Same as the 1974 aerial photograph with the following exceptions: small round and square objects are no longer present and Weld Boulevard and disturbed land are depicted	AP – USGS
1994	Same as the 1989 aerial photograph with the following exceptions: disturbed land has been replaced with some dirt paths and scattered vegetation	AP – USGS
1996	Same as the 1975 topographic map	TM – El Cajon Quadrangle
2002	Same as the 1994 aerial photograph with the following exceptions: dirt paths and scattered vegetation are no longer present and one small square structure, one large rectangular structure, one medium-sized “L” shaped structure, and a street are depicted	AP – USGS
Western Adjacent Properties 1840 & 1900 Weld Boulevard		
1901	Vacant land is depicted	TM – El Cajon Quadrangle
1903	Same as the 1901 topographic map	TM – Cuyamaca Quadrangle
1904	Same as the 1903 topographic map	TM- Southern CA Sheet 2
1939	Same as the 1904 topographic map	TM – El Cajon Quadrangle
1948	Same as the 1939 topographic map	TM – El Cajon Quadrangle
1953	Vacant and disturbed land is depicted	AP – Park
1963	Same as the 1953 aerial photograph with the following exceptions: four small structures are depicted	AP – Cartwright
1967	Same as the 1948 topographic map with the following exception: a gravel pit is depicted	TM – El Cajon Quadrangle
1974	Same as the 1963 aerial photograph with the following exceptions: two small objects and dirt roads are depicted	AP – AMI
1975	Same as the 1967 topographic map	TM – El Cajon Quadrangle
1981	Buck Knives, Inc (1900), San Diego Park and Recreation Maintenance (1840)	Haines Criss-Cross Directory
1986	Buck Knives, Inc (1900), San Diego Park and Recreation Maintenance (1840)	Haines Criss-Cross Directory
1989	Same as the 1974 aerial photograph	AP – USGS
1991	Buck Knives, Inc (1900), San Diego Park and Recreation Maintenance (1840)	Haines Criss-Cross Directory
1994	Same as the 1989 aerial photograph with the following exception: several new scattered small objects are depicted	AP – USGS



Year	Use	Source
1996	Buck Knives, Inc (1900), San Diego Park and Recreation Maintenance (1840)	Haines Criss-Cross Directory
1996	Same as the 1975 topographic map	TM – El Cajon Quadrangle
2001	Buck Knives, Inc (1900)	Haines Criss-Cross Directory
2002	Same as the 1994 aerial photograph	AP – USGS
2006	Buck Knives, Inc (1900)	Haines Criss-Cross Directory
AP – Aerial Photograph TM – Topographic Map		

SITE RECONNAISSANCE AND INTERVIEWS

Rincon Consultants performed a reconnaissance of the site on April 4, 2008. The purpose of the reconnaissance was to observe existing site conditions and to obtain information indicating the possible presence of recognized environmental conditions in connection with the property.

INTERVIEWS

An interview questionnaire was provided to PBS&J prior to the site reconnaissance. According to PBS&J, the questionnaire was forwarded to Mr. Watts, a consultant for PSC. PSC is the current and future long-term lessee of the property, which is owned by the County of San Diego. Mr. Watts completed the questionnaire on April 3, 2008. A copy of the completed questionnaire is included in Appendix 3.

Interview with Owner

The owner of the subject property was not interviewed as part of this Phase I ESA.

Interview with Site Manager

The following information is based on information obtained during our review of the completed questionnaire.

Mr. Watts indicated in his questionnaire that he is not aware of who the previous owner was or when current ownership began, however, he did indicate that the onsite structure is approximately 45 years old. However, based on our review of historic aerial photographs and city directories, it appears that the structure onsite is between 20 to 30 years old.

Interview with Previous Owner

According to the questionnaire, Mr. Watts indicated he is not aware of the previous owner of the site. Therefore, an interview with the previous owner was not conducted as part of this Phase I ESA.

Interviews with Occupants

The site is currently vacant. Therefore, no occupants were interviewed during the completion of this phase I ESA.

Interviews with Local Government Officials

Rincon contacted the County of San Diego DEH and San Diego RWQCB to obtain information regarding nearby sites. Information regarding nearby sites can be found in the Agency File Review section as previously discussed.



Rincon contacted James Clay, the County representative for the site located at 1840 Weld Boulevard, regarding the current status and recent reports for this site. According to Mr. Clay, Ninyo & Moore submitted a Workplan for this site in July, 2007. The Workplan was approved on October 16, 2007. Mr. Clay sent Rincon a copy of the July, 2007 Workplan that was submitted to the County. Information regarding the Workplan is discussed in the agency file review section above. Additionally, Mr. Clay indicated in an email (April 23, 2008) that Ninyo & Moore conducted drilling at the site on April 22, 2008 and a report of their findings would not be submitted for a month or so.

During the site reconnaissance, an address for the western adjacent property was not observed or listed on any structures. Enrique Pitts, a General Services representative for the County of San Diego, was contacted by Rincon on April 10, 2008 and verified that the County of San Diego El Cajon Operations Center is listed with a physical address of 1840 Weld Boulevard, which corresponds also to the Department of Public Works, Santee Service Station.

Laurie Walsh, a project manager for the San Diego RWQCB, was interviewed by Rincon on April 8, 2008. Ms Walsh indicated that no remediation treatments have been used to treat the Ketema plume since its discovery in 1987. She also mentioned that past and recent groundwater monitoring reports have not fully delineated the plume and that Ametek, Inc. has taken over the groundwater monitoring. Ms. Walsh mentioned that the Workplan was proposed by Ametek this month to evaluate the plume. She also mentioned that the Workplan should contain a proposed geophysical survey, groundwater testing, and soil vapor testing. Additional wells were reportedly not included in Ametek's recent Workplan.

Interviews with Others

No other interviews were conducted with the exception of the interviews mentioned above.

SITE RECONNAISSANCE

Methodology and Limiting Conditions

The site reconnaissance was conducted by 1) observing the subject property from public thoroughfares, 2) observing the adjoining properties from public thoroughfares, 3) observing the exterior of one of the onsite structures, 4) observing the subject property from sidewalks and the adjacent streets.

General Site Setting

The site is located at the northwest corner of Weld Boulevard and Cuyamaca Street in El Cajon, California (Figure 2). The site is located in an area that includes residential, commercial, and vacant land uses and an airport (Figure 3).

Current Use of the Property and Adjoining Properties

The site is currently vacant and vegetated land. A small one-story vacant building formerly used by Fletchers Hills Golf Range staff and a small asphalt-paved parking lot are located on the southern portion of the site (Figure 4, Site Photographs). Adjacent properties include a concrete crushing debris business to the north, Gillespie Field Airport to the east, commercial land uses to the south, and the County of San Diego El Cajon Operations Center and commercial and residential land uses to the west. Adjacent property photographs are depicted on Figure 6, Adjacent Land Use Photographs.



Past Use of the Property and Adjoining Properties

Based on our site reconnaissance, it appears that the site was formerly in use as a golf range facility. No other uses were readily apparent for the subject property or adjacent properties.

Current or Past Uses in the Surrounding Area

Based on our site reconnaissance, the current uses in the surrounding include commercial. Past uses of the surrounding area were not readily apparent.

Geologic, Hydrogeologic, Hydrologic and Topographic Conditions

During the site reconnaissance, the existing topography of site appeared relatively level to gently sloping toward the northwest.

General Description of Structures

The site is primarily comprised of vacant and vegetated land. A small, one-story vacant building formerly used by Fletchers Hills Golf Range staff and a small asphalt-paved parking lot are located on the southern portion of the site (Figures 2 and 4). A dirt pathway located on the western portion of the site provides access to the rest of the site north of the small one-story vacant building and asphalt-paved parking lot (Figures 2 and 4).

Interior and Exterior Observations

Access to the onsite structure was not available during the site reconnaissance. Property observations include a 2 foot wide by 2 foot deep trench area located along the western portion of the subject property as depicted on Figures 2 and 4. Additionally, an entrance driveway located along Weld Boulevard provides access to the site (Figures 2 and 4).

Hazardous Substances and Petroleum Products

During the site reconnaissance, no hazardous substances or petroleum products were observed onsite. Mr. Watts indicated on his questionnaire that no hazardous waste has been generated onsite.

Unidentified Substance Containers

No unidentified substance containers or unidentified containers that might contain hazardous substances were observed during the site reconnaissance.

Storage Tanks

During the site reconnaissance, Rincon did not identify any storage tanks onsite. Mr. Watts indicated on his questionnaire that there are no above or below ground storage tanks onsite.

Odors

During the site reconnaissance, Rincon did not identify any strong, pungent, or noxious odors. Mr. Watts indicated on his questionnaire that there are no foul odors on the property.

Pools of liquid

During the site reconnaissance, Rincon did not observed any pools of liquid onsite. However, Rincon did observe some standing water located in a drainage reservoir at the southeast corner of the site near a drain culvert (Figure 5, Site Photographs). Mr. Watts indicated on his



questionnaire that there are no pits, ponds, or lagoons in connection with waste treatment or waste located on the property.

Drums

During the site reconnaissance, Rincon did not observe any drums onsite. Mr. Watts indicated on his questionnaire that there are no drums located on the property.

Indications of Polychlorinated Biphenyls (PCBs)

Mr. Watts indicated on his questionnaire that there are no transformers located on the property and to his knowledge, there have been no previous records indicating the presence of PCBs. However, during the site reconnaissance, Rincon observed one single pole-mounted transformer onsite (Figure 2) identified as No. 875127. No stains or leaks were observed in the vicinity of the transformer.

Other Conditions of Concern

During the site reconnaissance Rincon did not note any of the following interior or exterior observations:

- *heating/cooling systems*
- *corrosion*
- *pits, ponds, or lagoons*
- *clarifiers, and sumps*
- *stained soil or stained pavement*
- *stressed vegetation*
- *solid waste/debris/fill material*
- *waste water*
- *wells*
- *septic systems/effluent disposal system*

Drains – During the site reconnaissance, Rincon observed a drainage culvert located on the southern property boundary and two drainage culverts located at the southeast corner and along the eastern property boundary (Figures 2 and 5). A storm drain manhole was also present along the eastern property boundary towards the northeast corner of the site as depicted on Figure 2 and Figure 5.

FINDINGS

Known or suspect environmental conditions associated with the property include the following:

- The reported presence of TPHg, TPHd, BTEX, MTBE, and VOCs in groundwater located at 1840 Weld Boulevard, a western adjacent upgradient property.
- The reported presence of an upgradient Ketema plume consisting primarily of TCE and other VOCs and originating from the former Ketema Aerospace facility located at 790 Greenfield Drive.



OPINIONS

Based on reported presence of TPHg, TPHd, BTEX, MTBE, and VOCs in groundwater, a groundwater flow eastward toward the subject property, and contaminants identified in groundwater monitoring wells located between the former USTs and the subject property, it is our opinion that the site located at 1840 Weld Boulevard is considered a REC.

It appears that groundwater remediation for the upgradient Ketema plume, consisting primarily of TCE and other VOCs, has not been implemented. The farthest groundwater monitoring well downgradient and closest to the subject property (between 1/2 to 1 mile southwest) has a TCE concentration of 8.8 micrograms per liter (ug/L). However, according to the 2008 report (Ametek, Inc and Schutte & Koerting, Inc), the farthest downgradient monitoring well closest to the subject property contains a TCE concentration that appears much lower than monitoring wells located upgradient and in the vicinity of where the Ketema plume originates. Monitoring wells located where the Ketema Plume originates contain TCE concentrations ranging from 96 to 37,000 ug/L, which exceed the maximum contaminant level (MCL) of 5 ug/L for TCE. Based on the distance of the plume from the subject property and reported low TCE concentration, the site located at 790 Greenfield Drive is not considered an environmental concern to the subject property.

CONCLUSIONS

Rincon has performed a Phase I ESA in general conformance with the scope and limitations of ASTM Practice E 1527-05 for the property located at the northwest corner of Weld Boulevard and Cuyamaca Street in El Cajon, California. This assessment has revealed evidence of one REC in connection with the subject property as listed below:

- The presence of TPHg, TPHd, BTEX, MTBE, and VOCs in groundwater located at 1840 Weld Boulevard, a western adjacent upgradient property.

RECOMMENDATIONS

It is our understanding that future development for the subject property includes approximately 463,000 square feet of multi-tenant industrial space, combining light industrial and warehouse uses. It is also understood that Ninyo and Moore has recently (April, 2008) conducted a groundwater sampling event on the western adjacent property (1840 Weld Boulevard) and will be submitting a report for this event within one to two months to the San Diego DEH. To evaluate the presence of TPHg, TPHd, BTEX, MTBE, and VOCs in groundwater located at 1840 Weld Boulevard, Rincon recommends conducting a file review, when available for review with the County of San Diego DEH, of the recent groundwater monitoring event performed for this site. If file reviews do not define the extent of groundwater contamination at this site, then Rincon recommends soil and groundwater sampling in various locations along the western boundary of the subject property.

DEVIATIONS

Deviations from ASTM Practice E 1527-05 were not encountered during the completion of this Phase I ESA.



REFERENCES

In addition to the documents reviewed in the agency file review section of this report, the following published reference materials were used in preparation of this Phase I ESA:

Aerial photographs: Photographs provided by EDR, March 25, 2008.

City Directory Listings: Listings provided by EDR, March 25, 2008.

Environmental database: EDR report dated March 25, 2008.

Geology: Geologic Map of California, El Cajon Quadrangle, California, 2002

Geotracker: State Water Resources Control Board, Geotracker Online Database, www.geotracker.swrcb.ca.gov.

Groundwater: Water Quality Control Plan for the San Diego Basin, 1994

Historic topographic maps: Maps provided by EDR, March 25, 2008.

Oil and gas records: Department of Conservation, Division of Oil, Gas & Geothermal Resources, District 1 website: http://www.consrv.ca.gov/dog/maps/Pages/d1_index_map1.aspx

Sanborn Fire Insurance Maps: Information provided by EDR, March 25, 2008.

Topography: United States Geological Survey, Topographic Map of El Cajon, California, 1996.

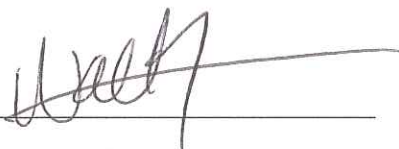


SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

The qualified environmental professionals that is responsible for preparing the report are Walt Hamann and Julie Marshall. Their qualifications are summarized in the following section.

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

Signature



Walt Hamann, PG, CEG, CHG, REA II
Name

Date

6-12-08

Vice President
Title

Signature



Julie Welch Marshall, REA II
Name

Date June 12, 2008

Senior Assoc., Environmental Engineering
Title



QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

The environmental professionals responsible for conducting this Phase I ESA and preparing the report include Julie Marshall and Walt Hamann. Their qualifications are summarized below.

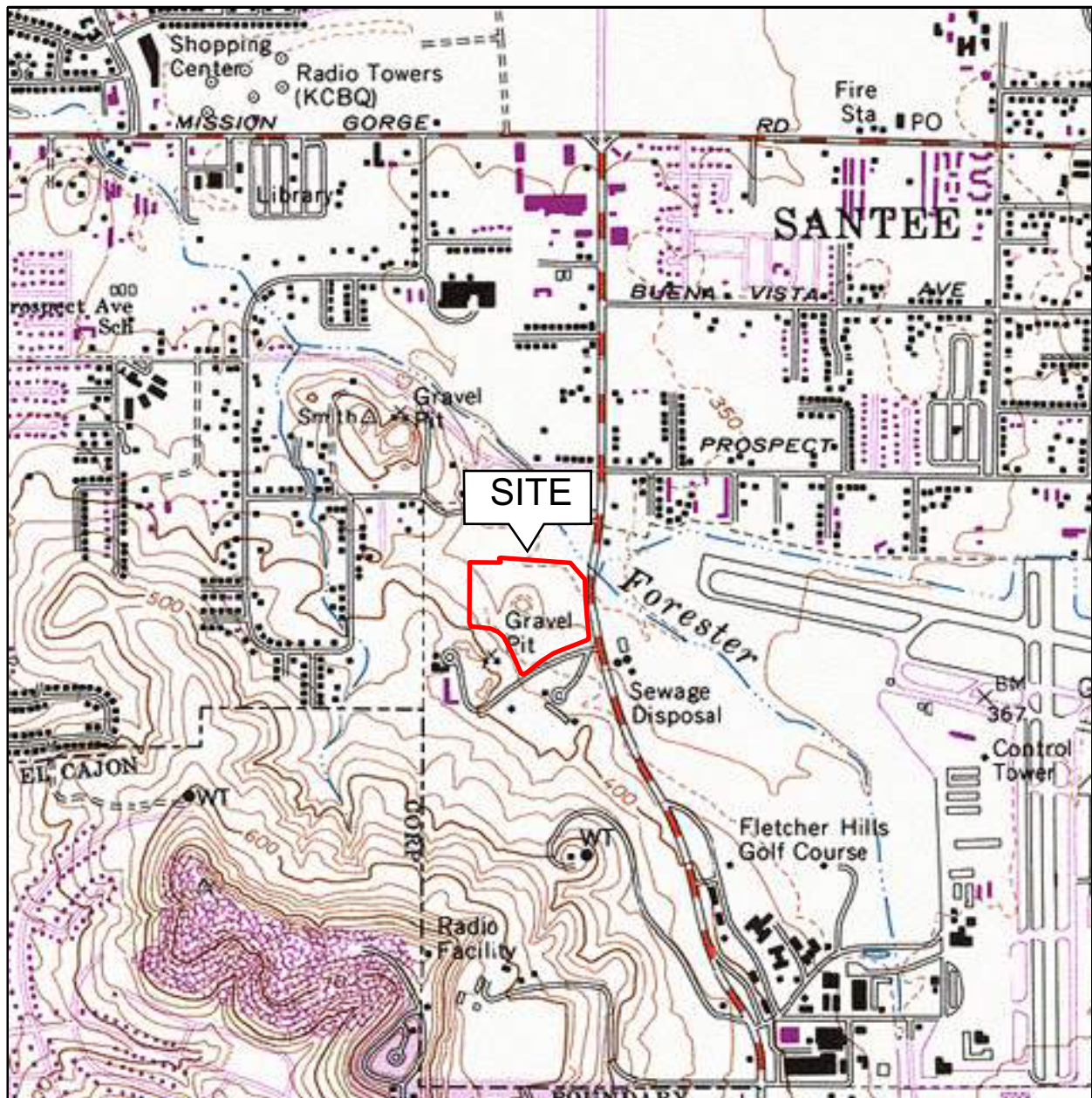
Environmental Professional Qualifications	2.1.1 (2) (i) - Professional Engineer or Professional Geologist License or Registration, and 3 years of full-time relevant experience	2.1.1 (2) (ii) - Licensed or certified by the Federal Government, State, Tribe, or U.S. Territory to perform environmental inquiries	2.1.1 (2) (iii) – Baccalaureate or Higher Degree from and accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience	2.1.1 (2) (iv) – Equivalent of 10 years of full-time relevant experience
Walt Hamann	PG	REA II	BA Geology MS Geology	20 years exp.
Julie Marshall		REA II	BS Environmental Engineering	10 years.

Walt Hamann, PG, CEG, CHG, REA II, is a Principal and Senior Geologist with Rincon Consultants. He holds a Bachelor of Arts degree in geology from the University of California, Santa Barbara and a Master of Science degree in geology from the University of California, Los Angeles. He has over 20 years of experience conducting assessment and remediation projects and has prepared or overseen the preparation of hundreds of Phase I and Phase II Environmental Site Assessments throughout California. Mr. Hamann is a Professional Geologist (#4742), Certified Engineering Geologist (#1635), Certified Hydrogeologist (#208) and Registered Environmental Assessor II (#20063) with the State of California.

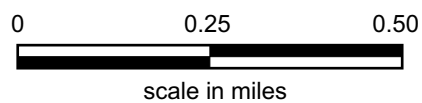
Julie Welch Marshall, REA II, is an Environmental Engineer with Rincon Consultants. She holds a Bachelor of Science degree in environmental engineering from Rensselaer Polytechnic Institute, Troy, New York and a Hazardous Materials Management Certificate from the University of California, Santa Barbara Extension program. Ms. Marshall's responsibilities at Rincon include implementation of site assessments and development of site remediation programs within the Environmental Site Assessment and Remediation Group. Ms. Marshall has extensive experience performing Phase I and Phase II Environmental Site Assessments as well as Preliminary Endangerment Assessments. She has ten years of experience conducting research, assessment and remediation projects. Ms. Marshall is a Registered Environmental Assessor II with the State of California (#20259).

Kristie Tordai O'Neil is an Associate Environmental Scientist with Rincon Consultants. She holds a Bachelor of Science degree in Geological Sciences from San Diego State University, San Diego, California. Ms. O'Neil's responsibilities at Rincon include implementation of Phase I Environmental Site Assessments as well as conducting site remediation field activities and preparation of environmental reports.





Source: USGS Topographic Map, El Cajon, California, 1975



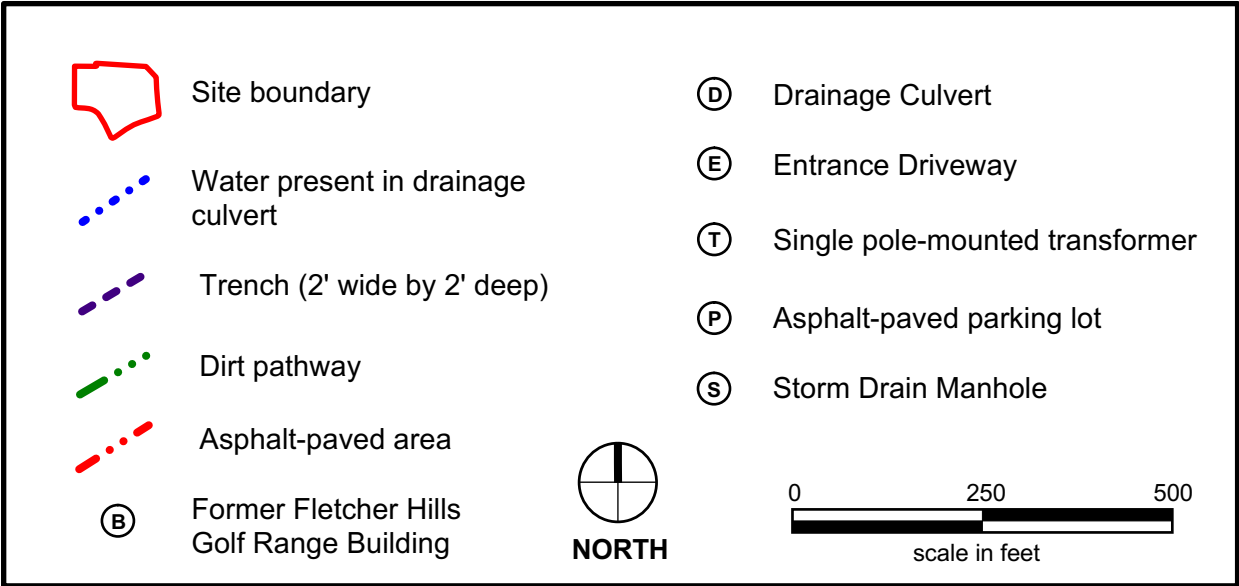
Vicinity Map

Figure 1





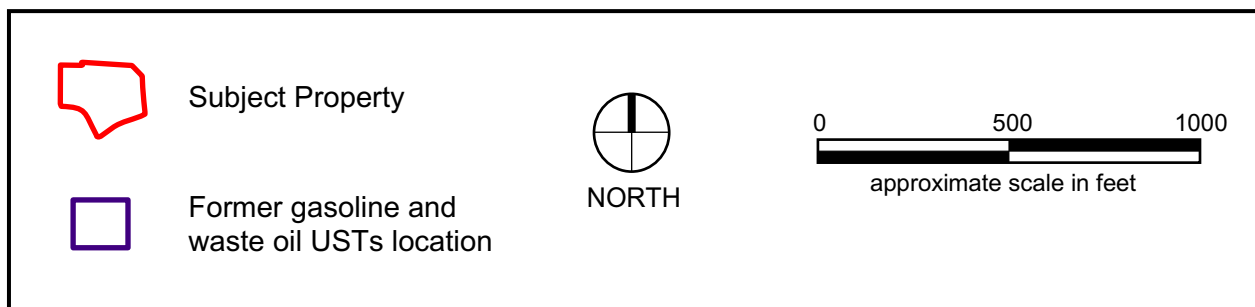
Source: © 2007 Microsoft Corporation, © Image courtesy of USGS



Site Map



Source: © 2008 Google - Imagery, © 2008 DigitalGlobe



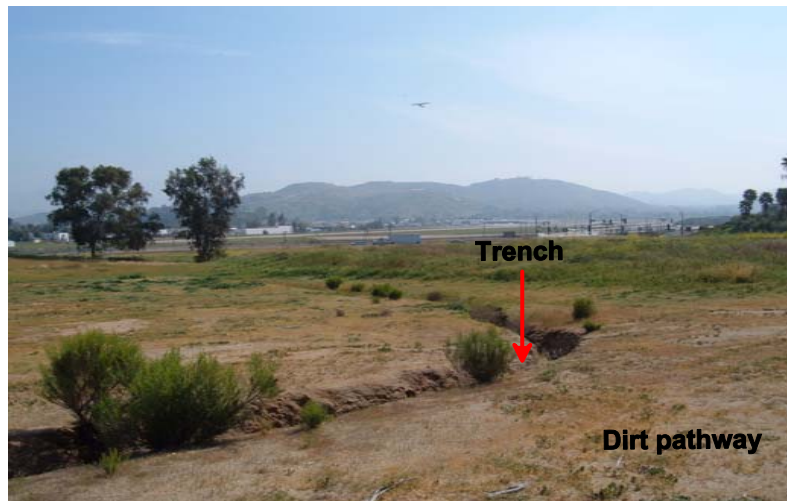
Adjacent Land Use Map



Photograph 1: View of the northern portion of the subject property facing northeast.



Photograph 2: View of the southern portion of the subject property facing northeast.



Photograph 3: View of the eastern portion of the subject property facing southeast.



Photograph 4: View of the western portion of the subject property facing northwest.

Site Photographs





Photograph 5: View of a drain culvert and standing water located at the southeast corner of the site facing south.



Photograph 6: View of an asphalt-paved area along the eastern property boundary facing south.



Photograph 7: View of a drain culvert and storm drain located along the eastern property boundary facing north.



Photograph 8: View of a drain culvert located along the southern property boundary facing west.

Site Photographs





Photograph 9: View of the northern adjacent concrete crushing debris facility facing northeast.



Photograph 10: View of the southern adjacent commercial properties, facing southeast.



Photograph 11: View of the subject property in the foreground and Gillespie Field in the background, facing east.



Photograph 12: View of the western adjacent property, County of San Diego El Cajon Operations Center, facing north.

Adjacent Land Use Photographs



Appendix 1

Historical Research Documentation



The EDR Aerial Photo Decade Package

**Forrester Creek
Weld Boulevard/Cuyamaca Street
El Cajon, CA 92020**

Inquiry Number: 2176429.5

March 25, 2008

The Standard in Environmental Risk Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography March 25, 2008

Target Property:

Weld Boulevard/Cuyamaca Street

El Cajon, CA 92020

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1953	Aerial Photograph. Scale: 1"=555'	Flight Year: 1953	Park
1963	Aerial Photograph. Scale: 1"=555'	Flight Year: 1963	Cartwright
1974	Aerial Photograph. Scale: 1"=600'	Flight Year: 1974	AMI
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=666'	Flight Year: 1994	USGS
2002	Aerial Photograph. Scale: 1"=666'	Flight Year: 2002	USGS



INQUIRY #: 2176429.5

YEAR: 1953

| = 555'





INQUIRY #: 2176429.5

YEAR: 1963

| = 555'





INQUIRY #: 2176429.5

YEAR: 1974

| = 600'





INQUIRY #: 2176429.5

YEAR: 1989

| = 666'





INQUIRY #: 2176429.5

YEAR: 1994

| = 666'





INQUIRY #: 2176429.5

YEAR: 2002

| = 666'



EDR Historical Topographic Map Report

**Forrester Creek
Weld Boulevard/Cuyamaca Street
El Cajon, CA 92020**

Inquiry Number: 2176429.4

March 25, 2008



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Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Historical Topographic Map Report

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

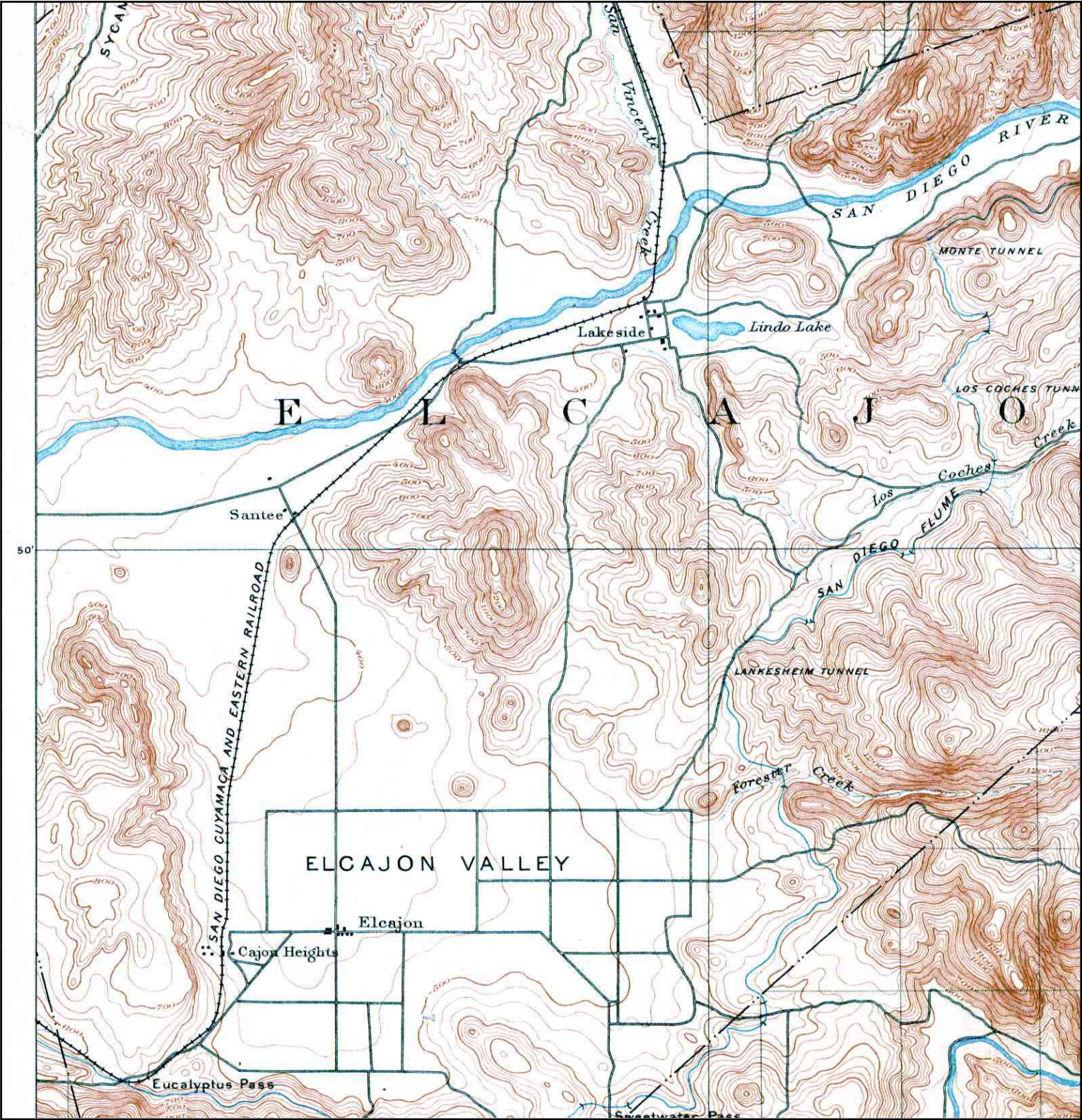
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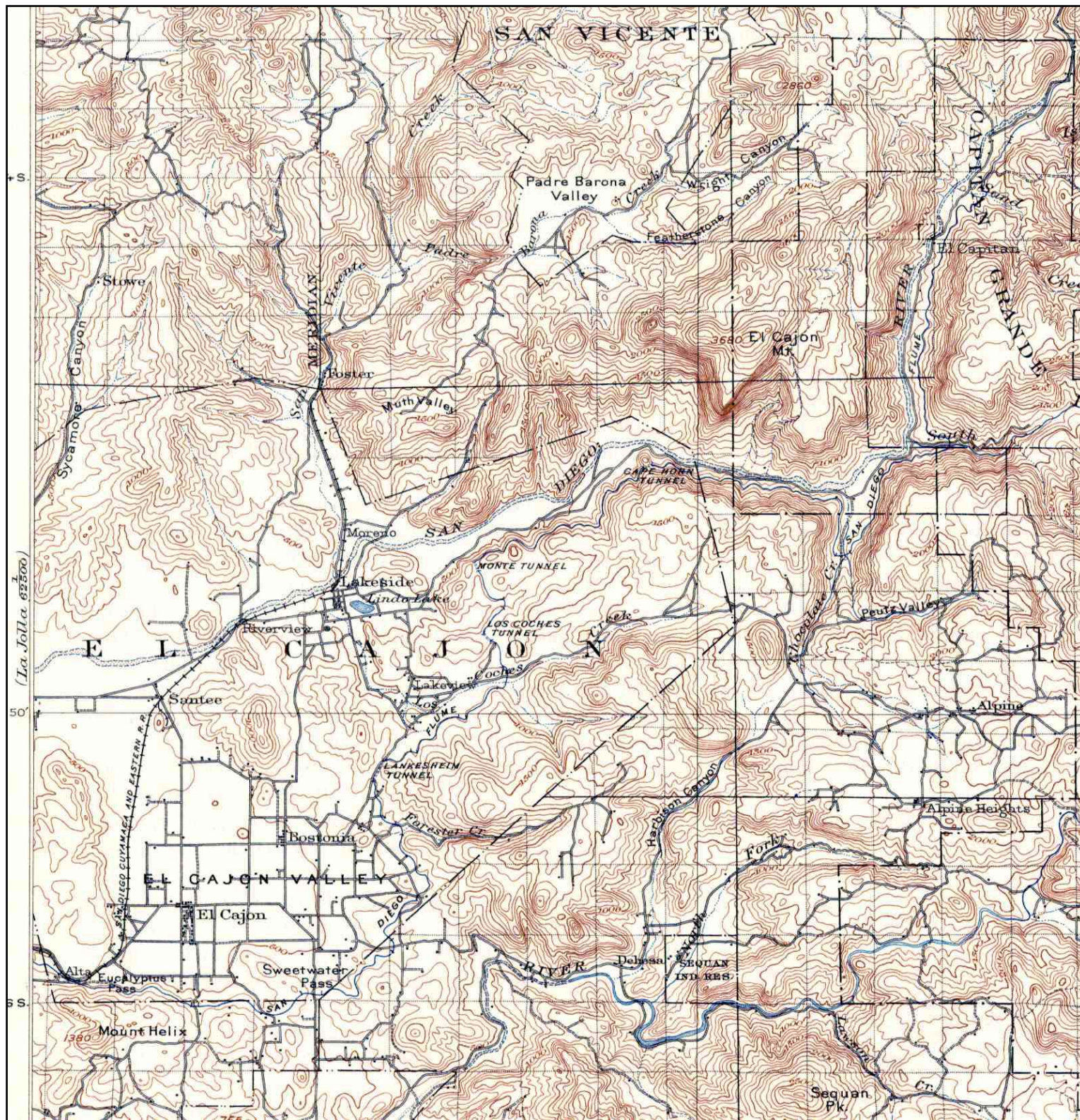
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Historical Topographic Map



<div>N</div> <div></div>	TARGET QUAD	SITE NAME: Forrester Creek	CLIENT: Rincon Consultants, Inc.
	NAME: EL CAJON	ADDRESS: Weld Boulevard/Cuyamaca Street	CONTACT: Greg Stull
	MAP YEAR: 1901	El Cajon, CA 92020	INQUIRY#: 2176429.4
	SERIES: 15	LAT/LONG: 32.8276 / 116.984	RESEARCH DATE: 03/25/2008
	SCALE: 1:62500		

Historical Topographic Map



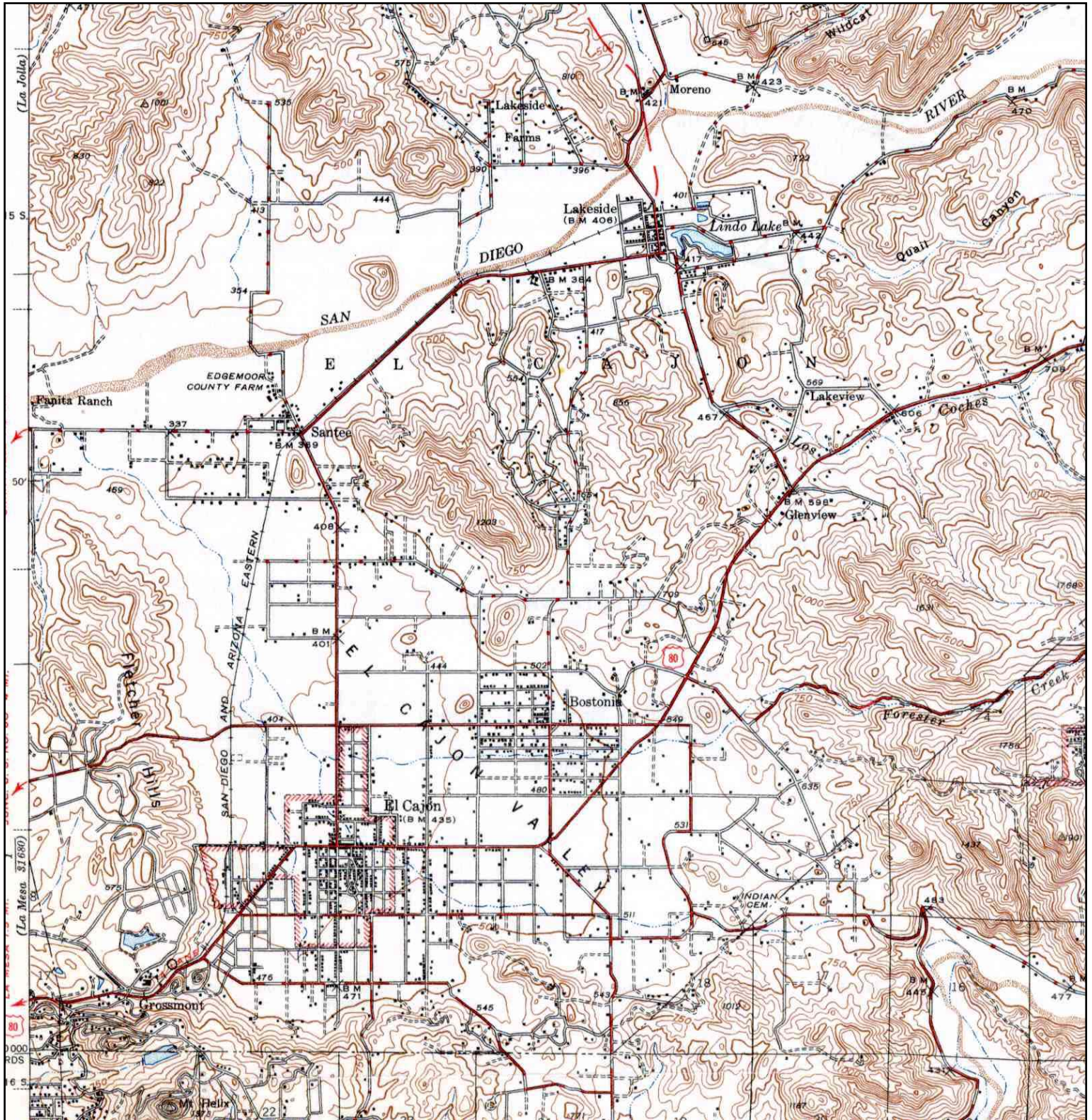
<p>N ↑</p>	<p>TARGET QUAD NAME: CUYAMACA MAP YEAR: 1903 SERIES: 30 SCALE: 1:125000</p>	<p>SITE NAME: Forrester Creek ADDRESS: Weld Boulevard/Cuyamaca Street El Cajon, CA 92020 LAT/LONG: 32.8276 / 116.984</p>	<p>CLIENT: Rincon Consultants, Inc. CONTACT: Greg Stull INQUIRY#: 2176429.4 RESEARCH DATE: 03/25/2008</p>
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Historical Topographic Map



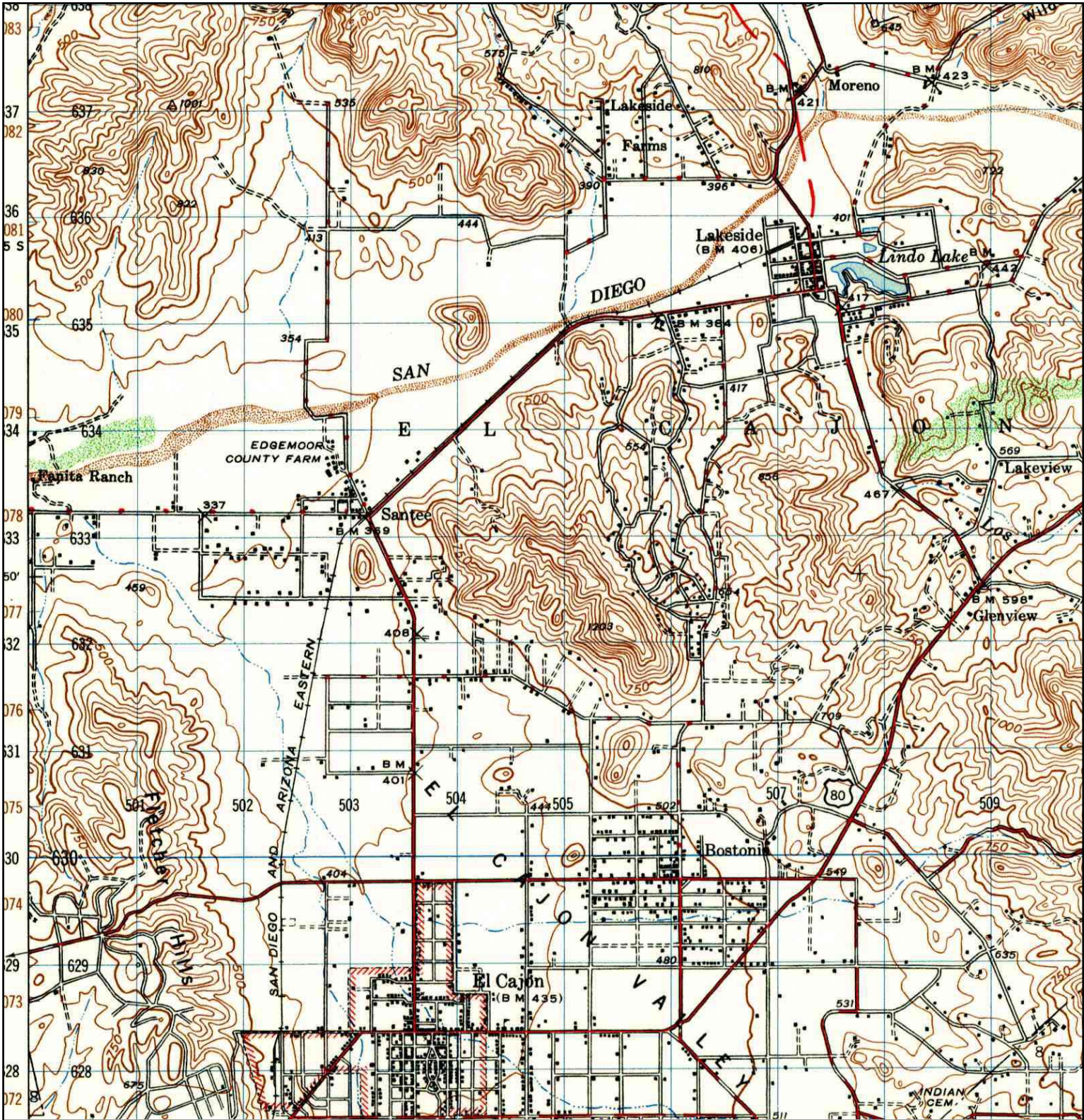
<div data-bbox="73 1816 105 1921"> </div>	<p>TARGET QUAD NAME: SOUTHERN CA SHEET 2 MAP YEAR: 1904</p> <p>SERIES: 60 SCALE: 1:250000</p>	<p>SITE NAME: Forrester Creek ADDRESS: Weld Boulevard/Cuyamaca Street</p> <p>EL CAJON, CA 92020 LAT/LONG: 32.8276 / 116.984</p>	<p>CLIENT: Rincon Consultants, Inc. CONTACT: Greg Stull INQUIRY#: 2176429.4 RESEARCH DATE: 03/25/2008</p>

Historical Topographic Map



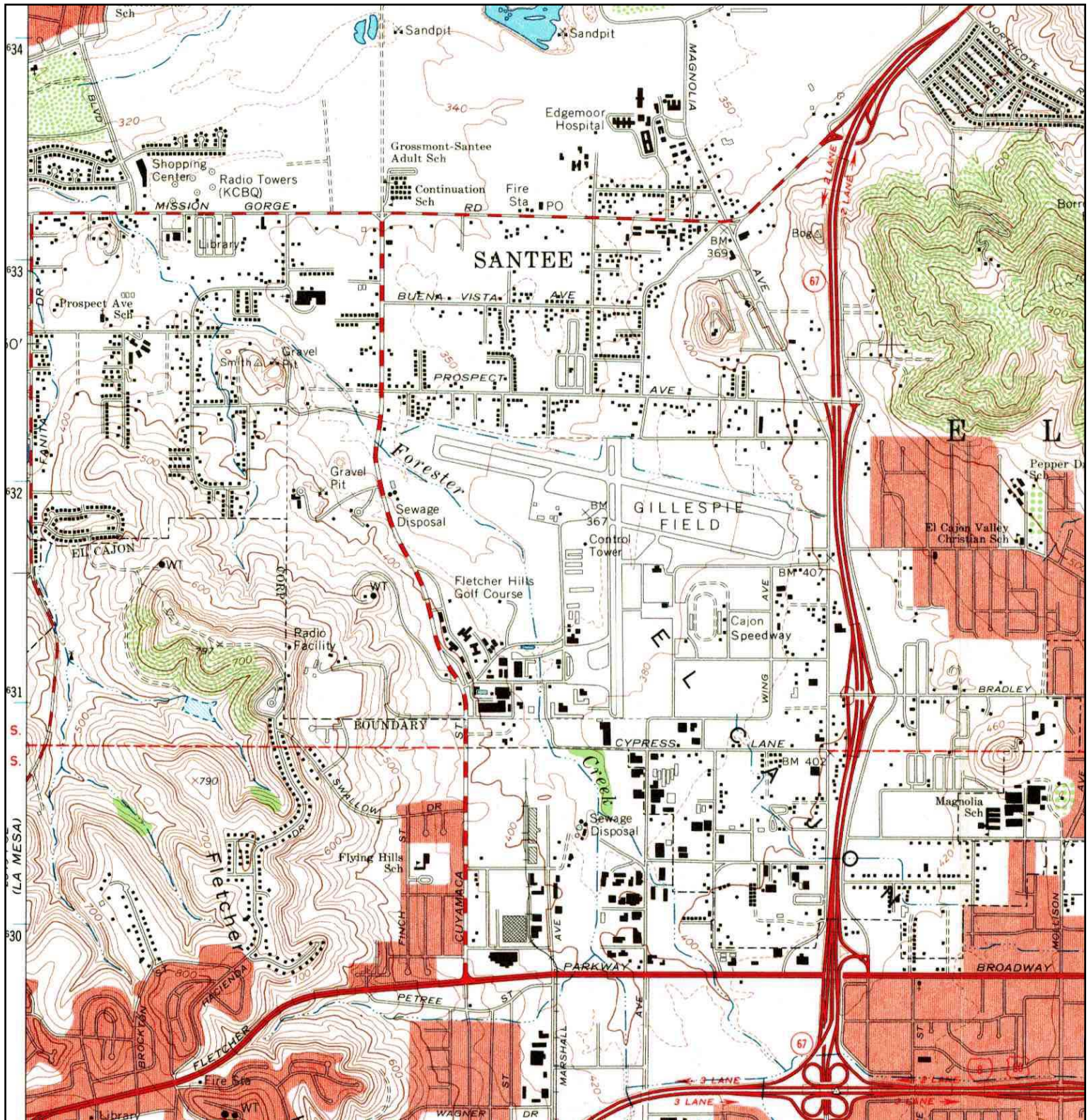
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Historical Topographic Map



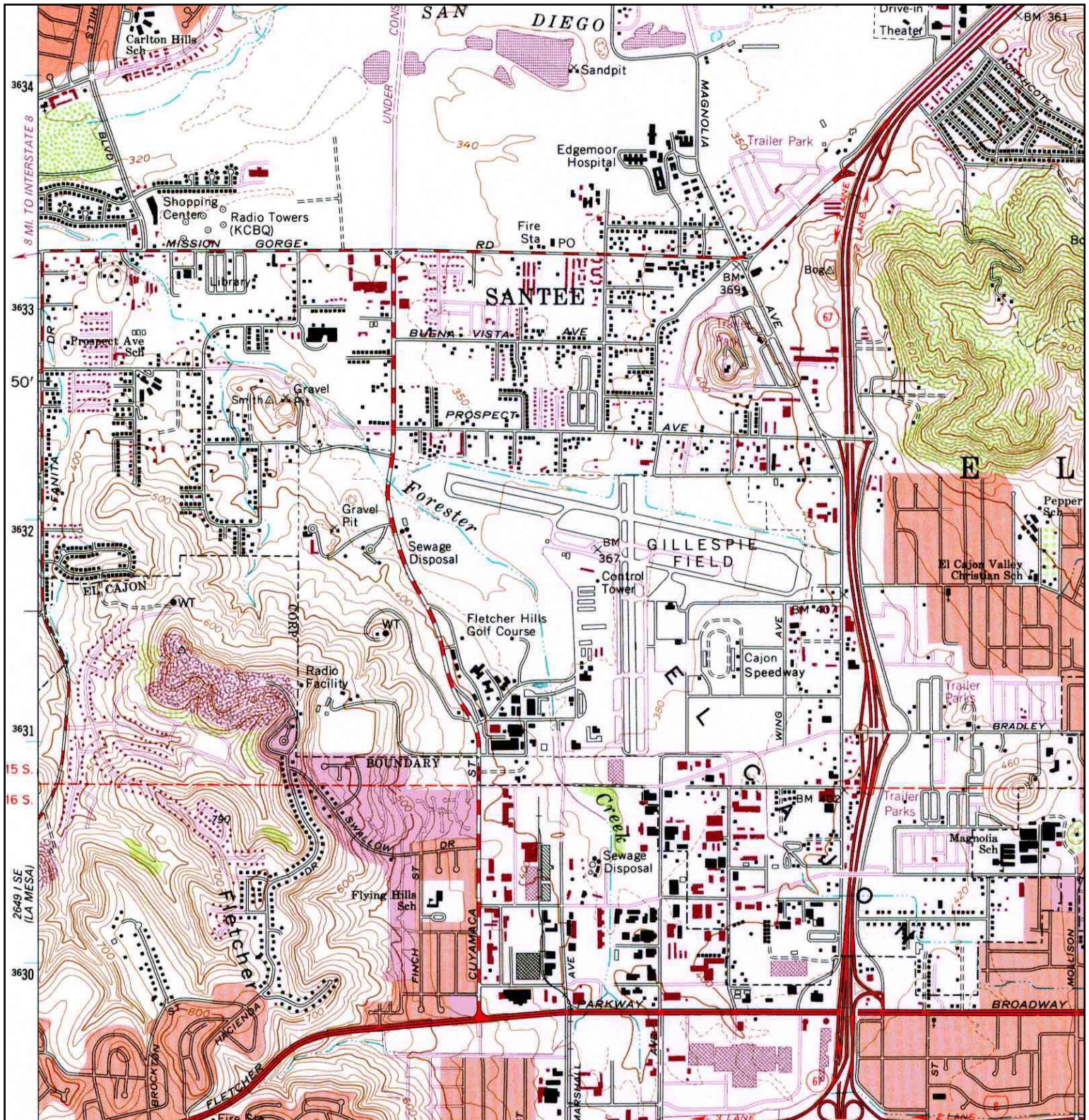
<div>N</div> <div>↑</div>	TARGET QUAD	SITE NAME: Forrester Creek	CLIENT: Rincon Consultants, Inc.
	NAME: EL CAJON	ADDRESS: Weld Boulevard/Cuyamaca Street	CONTACT: Greg Stull
	MAP YEAR: 1948		INQUIRY#: 2176429.4
		El Cajon, CA 92020	RESEARCH DATE: 03/25/2008
	SERIES: 15	LAT/LONG: 32.8276 / 116.984	
	SCALE: 1:50000		

Historical Topographic Map



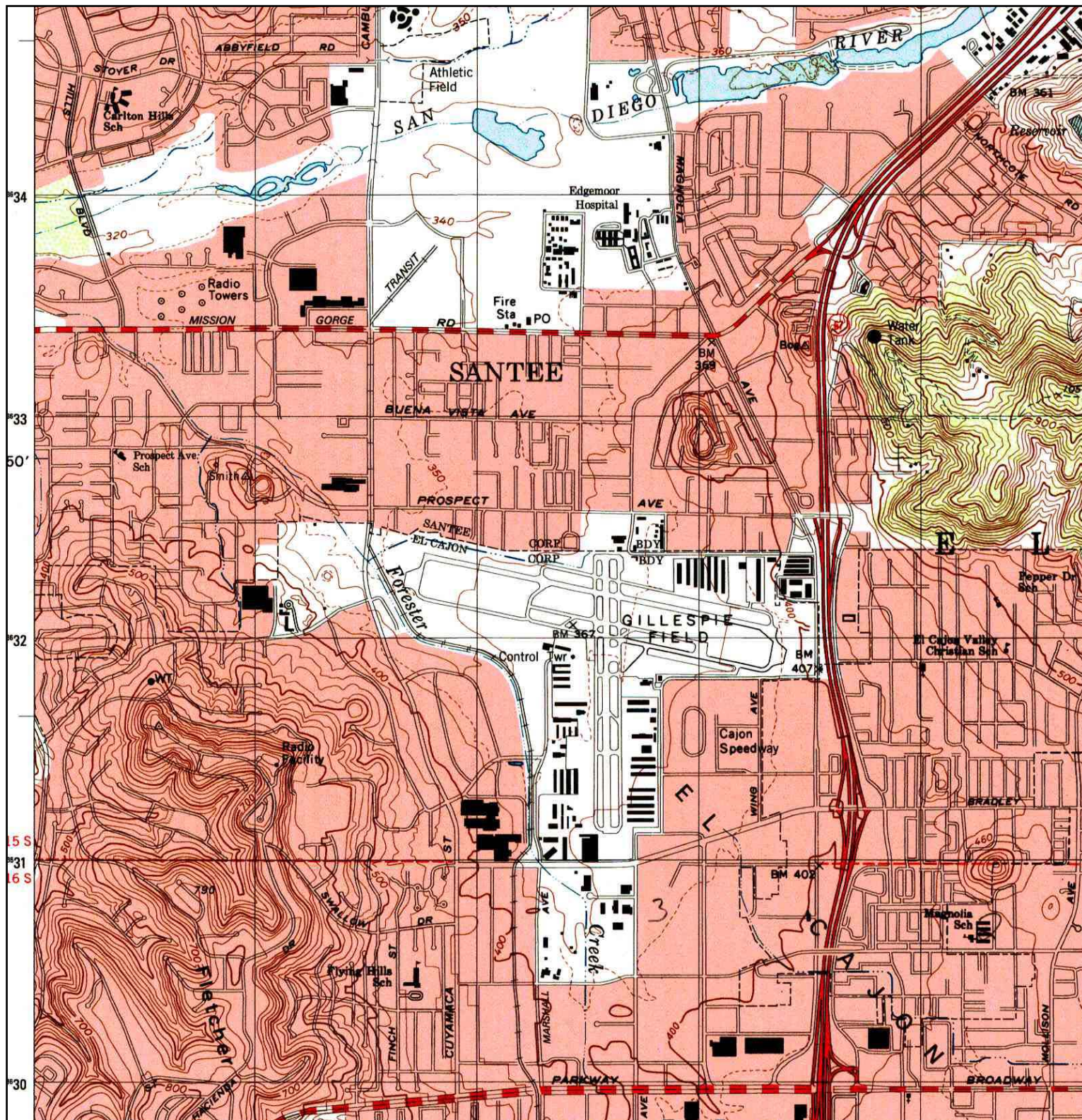
<p>N ↑</p>	<p>TARGET QUAD NAME: EL CAJON MAP YEAR: 1967 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Forrester Creek ADDRESS: Weld Boulevard/Cuyamaca Street El Cajon, CA 92020 LAT/LONG: 32.8276 / 116.984</p>	<p>CLIENT: Rincon Consultants, Inc. CONTACT: Greg Stull INQUIRY#: 2176429.4 RESEARCH DATE: 03/25/2008</p>
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Historical Topographic Map



<div data-bbox="73 1816 105 1921" data-label="Image"> </div> <div data-bbox="129 1785 462 1984" data-label="Text"> <p>TARGET QUAD NAME: EL CAJON MAP YEAR: 1975 PHOTOREVISED FROM: 1967 SERIES: 7.5 SCALE: 1:24000</p> </div>	<div data-bbox="503 1785 1039 1953" data-label="Text"> <p>SITE NAME: Forrester Creek ADDRESS: Weld Boulevard/Cuyamaca Street El Cajon, CA 92020 LAT/LONG: 32.8276 / 116.984</p> </div>	<div data-bbox="1055 1785 1567 1921" data-label="Text"> <p>CLIENT: Rincon Consultants, Inc. CONTACT: Greg Stull INQUIRY#: 2176429.4 RESEARCH DATE: 03/25/2008</p> </div>
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Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: EL CAJON MAP YEAR: 1996</p> <p>SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Forrester Creek ADDRESS: Weld Boulevard/Cuyamaca Street</p> <p>El Cajon, CA 92020 LAT/LONG: 32.8276 / 116.984</p>	<p>CLIENT: Rincon Consultants, Inc. CONTACT: Greg Stull INQUIRY#: 2176429.4 RESEARCH DATE: 03/25/2008</p>
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EDR® Environmental
Data Resources Inc

The EDR-City Directory *Abstract*

**Forrester Creek
1840 Weld Boulevard
El Cajon, CA 92020
Inquiry Number: 2176429.6**

Tuesday, March 25, 2008

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1981 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: March 25, 2008

Target Property:

1840 Weld Boulevard
El Cajon, CA 92020

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	SD County Park & Rec Maintenance	Haines Criss-Cross Directory
1986	SD County Park & Rec Maintenance	Haines Criss-Cross Directory
1991	SD County Park & Rec Maintenance	Haines Criss-Cross Directory
1996	SD County Park & Rec Maintenance	Haines Criss-Cross Directory
2001	Address Not Listed in Research Source	Haines Criss-Cross Directory
2006	Address Not Listed in Research Source	Haines Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
El Cajon, CA 92020

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	<u>**Weld Blvd**</u>	Haines Criss-Cross Directory
	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
	No other addresses in 1700-1999 range	Haines Criss-Cross Directory
1986	<u>**Weld Blvd**</u>	Haines Criss-Cross Directory
	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
	Buck Knives Inc (1900)	Haines Criss-Cross Directory
	No other addresses in 1700-1999 range	Haines Criss-Cross Directory
1991	<u>**Weld Blvd**</u>	Haines Criss-Cross Directory
	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
	Buck Knives Inc (1900)	Haines Criss-Cross Directory
	No other addresses in 1700-1999 range	Haines Criss-Cross Directory
1996	<u>**Weld Blvd**</u>	Haines Criss-Cross Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
	Buck Knives Inc (1900)	Haines Criss-Cross Directory
	No other addresses in 1700-1999 range	Haines Criss-Cross Directory
2001	<u>**Weld Blvd**</u>	Haines Criss-Cross Directory
	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
	Buck Knives Inc (1900)	Haines Criss-Cross Directory
	No other addresses in 1700-1999 range	Haines Criss-Cross Directory
2006	<u>**Weld Blvd**</u>	Haines Criss-Cross Directory
	Fletcher Hills Golf Range (1756)	Haines Criss-Cross Directory
	Buck Knives Inc (1900)	Haines Criss-Cross Directory
	No other addresses in 1700-1999 range	Haines Criss-Cross Directory

Certified Sanborn® Map Report



Sanborn® Library search results
Certification # 0BF3-4DCC-8F9D

**Forrester Creek
Weld Boulevard/Cuyamaca Street
El Cajon, CA 92020**

Inquiry Number 2176429.3

March 24, 2008



The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Certified Sanborn® Map Report

3/24/08

Site Name:

Forrester Creek
Weld Boulevard/Cuyamaca
El Cajon, CA 92020

Client Name:

Rincon Consultants, Inc.
5355 Avenida Encinas
Carlsbad, CA 92008

EDR Inquiry # 2176429.3

Contact: Greg Stull



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Certified Sanborn Results:

Site Name: Forrester Creek
Address: Weld Boulevard/Cuyamaca Street
City, State, Zip: El Cajon, CA 92020
Cross Street:
P.O. # 07-24380
Project: NA
Certification # 0BF3-4DCC-8F9D



Sanborn® Library search results
Certification # 0BF3-4DCC-8F9D

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Total Maps: 0

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

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Appendix 2

Regulatory Records Documentation



The EDR Radius Map with GeoCheck®

**Forrester Creek
Weld Boulevard/Cuyamaca Street
El Cajon, CA 92020**

Inquiry Number: 2176429.2s

March 24, 2008

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

WELD BOULEVARD/CUYAMACA STREET
EL CAJON, CA 92020

COORDINATES

Latitude (North):	32.827620 - 32° 49' 39.4"
Longitude (West):	116.983800 - 116° 59' 1.7"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	501516.3
UTM Y (Meters):	3631986.8
Elevation:	360 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	32116-G8 EL CAJON, CA
Most Recent Revision:	1975
West Map:	32117-G1 LA MESA, CA
Most Recent Revision:	1994

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL.....	National Priority List
Proposed NPL.....	Proposed National Priority List Sites
Delisted NPL.....	National Priority List Deletions
NPL LIENS.....	Federal Superfund Liens
CERC-NFRAP.....	CERCLIS No Further Remedial Action Planned
LIENS 2.....	CERCLA Lien Information
CORRACTS.....	Corrective Action Report

EXECUTIVE SUMMARY

RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen	RCRA - Non Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
CA FID UST	Facility Inventory Database
SLIC	Statewide SLIC Cases
AST	Aboveground Petroleum Storage Tank Facilities
LIENS	Environmental Liens Listing
CHMIRS	California Hazardous Material Incident Report System
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
San Diego Co. HMMD	Hazardous Materials Management Division Database
RESPONSE	State Response Sites
HAZNET	Facility and Manifest Data
AIRS	Emissions Inventory Data

EXECUTIVE SUMMARY

HAULERS Registered Waste Tire Haulers Listing

TRIBAL RECORDS

INDIAN RESERV Indian Reservations
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
INDIAN LUST Leaking Underground Storage Tanks on Indian Land
INDIAN UST Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants ... EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

FEDERAL RECORDS

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 01/09/2008 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>USDOJ INS BORDER PATROL STATIO</i>	<i>225 KENNEY</i>	<i>1/4 - 1/2 E</i>	<i>G32</i>	<i>102</i>

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/11/2007 has revealed that there are 6

EXECUTIVE SUMMARY

RCRA-SQG sites 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>
SANTEE SERVICE STATION	1840 WELD BD	0 - 1/8 WSW	A4	11
TAYLOR LISTUG INC DBA TAYLOR G	1940 AND 1980 GILLESPIE	0 - 1/8 SSE	11	26
BUCK KNIVES INC.	1900 WELD BLVD	1/8 - 1/4 SW	14	39
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAN DIEGO SHEET METAL WORKS	8616 CUYAMACA STREET	1/8 - 1/4 NNE	B12	29
PRINTED CIRCUITS GEN DESIGN	9825 PROSPECT AVE	1/8 - 1/4 NE	B13	37
ADVANCED AUTOMATICS	9851 PROSPECT AVE	1/8 - 1/4 NE	C15	49

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2006 has revealed that there is 1 FUDS 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>
MARINE PARACHUTE SCHOOL LA MES		1/2 - 1 ESE	36	115

STATE AND LOCAL RECORDS

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 10 Cortese 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>
COUNTY OF SAN DIEGO	1840 WELD BLVD	0 - 1/8 WSW	A3	7
EL CAJON FLYING SERVICE	1825 N MARSHALL AVE	1/4 - 1/2 ESE	30	89
U S BORDER PATROL/EL CA ON	225 KENNEY ST	1/4 - 1/2 E	G34	113
U S BORDER PATROL/EL CAJO	225 KENNEY	1/4 - 1/2 E	G35	114
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
7-ELEVEN FOOD STORE #20611	9805 PROSPECT AV	0 - 1/8 NE	B7	17
7-ELEVEN #20611	9805 PROSPECT AVE	0 - 1/8 NE	B10	26
JACK CANFIELD	9959 PROSPECT AVE	1/8 - 1/4 NE	E26	70
JOHN SWARTZ	10042 PROSPECT AVE	1/4 - 1/2 ENE	F27	72
CIRCLE K STORE #2957	8733 CUYAMACA ST	1/4 - 1/2 N	29	80
HARRISON TRUCKING INC	8801 OLIVE LN	1/4 - 1/2 N	31	92

EXECUTIVE SUMMARY

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 01/07/2008 has revealed that there are 17 LUST 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>
COUNTY OF SAN DIEGO	1840 WELD BLVD	0 - 1/8 WSW A3		7
EL CAJON FLYING SERVICE	1825 N MARSHALL AVE	1/4 - 1/2 ESE 30		89
U S BORDER PATROL/EL CAJON	225 KENNEY ST	1/4 - 1/2 E G33		104
Facility Status: Case Closed				
U S BORDER PATROL/EL CA ON	225 KENNEY ST	1/4 - 1/2 E G34		113
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
7-ELEVEN FOOD STORE #20611	9805 PROSPECT AV	0 - 1/8 NE B7		17
Facility Status: Case Closed				
Facility Status: Remedial action (cleanup) Underway				
SOUTHLAND 7-11 STORE NO.20611	9805 PROSPECT AVE	0 - 1/8 NE B8		24
7-ELEVEN #20611	9805 PROSPECT AVE	0 - 1/8 NE B10		26
FIZ FAST	9851 PROSPECT AV	1/8 - 1/4 NE C18		51
Facility Status: Preliminary site assessment underway				
HOGAN'S HYDRAULICS	8656 CUYAMACA ST	1/8 - 1/4 NNE D20		53
Facility Status: Case Closed				
Facility Status: Case Closed				
COMMUNITY TRANSIT SERVICES	8656 CUYAMACA ST	1/8 - 1/4 NNE D21		58
JAMES EADS	9915 PROSPECT AV	1/8 - 1/4 NE 22		60
Facility Status: Case Closed				
JACK CANTFIELD	9959 PROSPECT AV	1/8 - 1/4 NE E25		64
Facility Status: Case Closed				
JACK CANFIELD	9959 PROSPECT AVE	1/8 - 1/4 NE E26		70
JOHN SWARTZ	10042 PROSPECT AVE	1/4 - 1/2 ENE F27		72
THE DYNO SHOP	10042 PROSPECT AV	1/4 - 1/2 ENE F28		74
Facility Status: Case Closed				
CIRCLE K STORE #2957	8733 CUYAMACA ST	1/4 - 1/2 N 29		80
Facility Status: Case Closed				
Facility Status: Case Closed				
HARRISON TRUCKING INC	8801 OLIVE LN	1/4 - 1/2 N 31		92
Facility Status: Case Closed				

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 01/07/2008 has revealed that there are 3 UST sites 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>
COUNTY OF SD- FLEET SERVICE	1840 WELD BLVD	0 - 1/8 WSW A5		13
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
7-ELEVEN FOOD STORE #20611	9805 PROSPECT AVE	0 - 1/8 NE B9		24

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FIZ FAST INC	9851 PROSPECT AVE STE E	1/8 - 1/4 NE	C16	50

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 are 3 HIST UST sites 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>
SANTEE COUNTY GARAGE	1840 WELD BLVD	0 - 1/8 WSW A1		6
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WOODRUFFS TRENCHING	9735 PROSPECT AV	0 - 1/8 N	6	13
7-ELEVEN FOOD STORE #20611	9805 PROSPECT AV	0 - 1/8 NE	B7	17

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 7 SWEEPS UST sites 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>
COUNTY OF SAN DIEGO	1840 WELD BLVD	0 - 1/8 WSW A3		7
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WOODRUFFS TRENCHING	9735 PROSPECT AV	0 - 1/8 N	6	13
7-ELEVEN FOOD STORE #20611	9805 PROSPECT AVE	0 - 1/8 NE	B9	24
FIZ FAST INC	9851 E PROSPECT AVE	1/8 - 1/4 NE	C17	50
COMMUNITY TRANSIT SERVICES	8656 CUYAMACA ST	1/8 - 1/4 NNE	D21	58
AMERICAN FENCE CO OF CALIF INC	9944 PROSPECT AVE	1/8 - 1/4 NE	E24	63
JACK CANFIELD	9959 PROSPECT AVE	1/8 - 1/4 NE	E26	70

Notify 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 3 Notify 65 sites 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>
GILLESPIE FIELD	BILLY MITCHEL	1/2 - 1 E	38	118
GKN CHEM TRONICS INCORPORATED	1150 WEST BRADLEY AVENU	1/2 - 1 SSE	39	119
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
7-11 STORE #19006	9111 MISSION GORGE RD	1/2 - 1 NW	41	164

EXECUTIVE SUMMARY

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

A review of the DRYCLEANERS list, as provided by EDR, and dated 07/31/2007 has revealed that there is 1 DRYCLEANERS 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>
A & I SERVICES INC	8665 ARGENT ST STE A	1/8 - 1/4NW	23	62

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

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 08/22/2007 has revealed that there are 10 SAN DIEGO CO. SAM 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>
COUNTY OF SD- FLEET SERVICE	1840 WELD BL	0 - 1/8 WSW	A2	6
<i>U S BORDER PATROL/EL CAJON</i>	<i>225 KENNEY ST</i>	<i>1/4 - 1/2E</i>	<i>G33</i>	<i>104</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>7-ELEVEN FOOD STORE #20611</i>	<i>9805 PROSPECT AV</i>	<i>0 - 1/8 NE</i>	<i>B7</i>	<i>17</i>
<i>FIZ FAST</i>	<i>9851 PROSPECT AV</i>	<i>1/8 - 1/4NE</i>	<i>C18</i>	<i>51</i>
<i>HOGAN'S HYDRAULICS</i>	<i>8656 CUYAMACA ST</i>	<i>1/8 - 1/4NNE</i>	<i>D20</i>	<i>53</i>
<i>JAMES EADS</i>	<i>9915 PROSPECT AV</i>	<i>1/8 - 1/4NE</i>	<i>22</i>	<i>60</i>
<i>JACK CANTFIELD</i>	<i>9959 PROSPECT AV</i>	<i>1/8 - 1/4NE</i>	<i>E25</i>	<i>64</i>
<i>THE DYNO SHOP</i>	<i>10042 PROSPECT AV</i>	<i>1/4 - 1/2ENE</i>	<i>F28</i>	<i>74</i>
<i>CIRCLE K STORE #2957</i>	<i>8733 CUYAMACA ST</i>	<i>1/4 - 1/2N</i>	<i>29</i>	<i>80</i>
<i>HARRISON TRUCKING INC</i>	<i>8801 OLIVE LN</i>	<i>1/4 - 1/2N</i>	<i>31</i>	<i>92</i>

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 11/27/2007 has revealed that there are 3 ENVIROSTOR sites 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>
CHEM-TRONICS INC (3) Facility Status: Refer: Other Agency	FRIENDSHIP / BILLY MI	1/2 - 1 SE	37	116
CALDERA SPAS FACILITY Facility Status: Refer: 1248 Local Agency	1080 W. BRADLEY AVE.	1/2 - 1 SSE	40	163
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONEEN PROPERTY Facility Status: Refer: 1248 Local Agency	8656 CUYAMACA ST.	1/8 - 1/4NNE	D19	52

EXECUTIVE SUMMARY

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

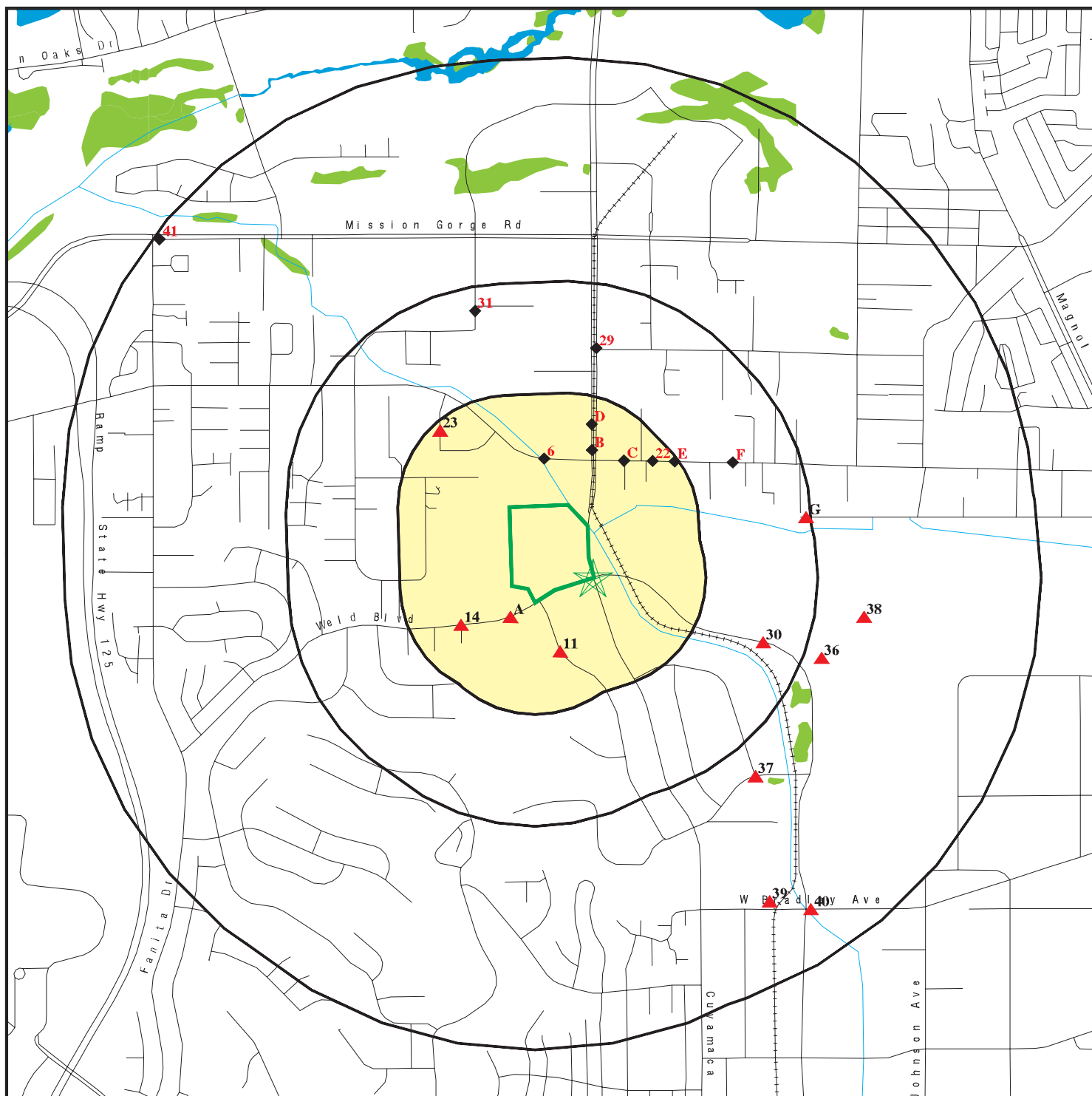
Site Name

TOUCH-ON SIGNS
GOLDEN STATE AVIATION
GILLESPIE SLF/BURNSITE
MARSHALL AUTO CENTER

Database(s)

SWEEPS UST
HAZNET, SWEEPS UST
SWF/LF
ENVIROSTOR

OVERVIEW MAP - 2176429.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

National Wetland Inventory

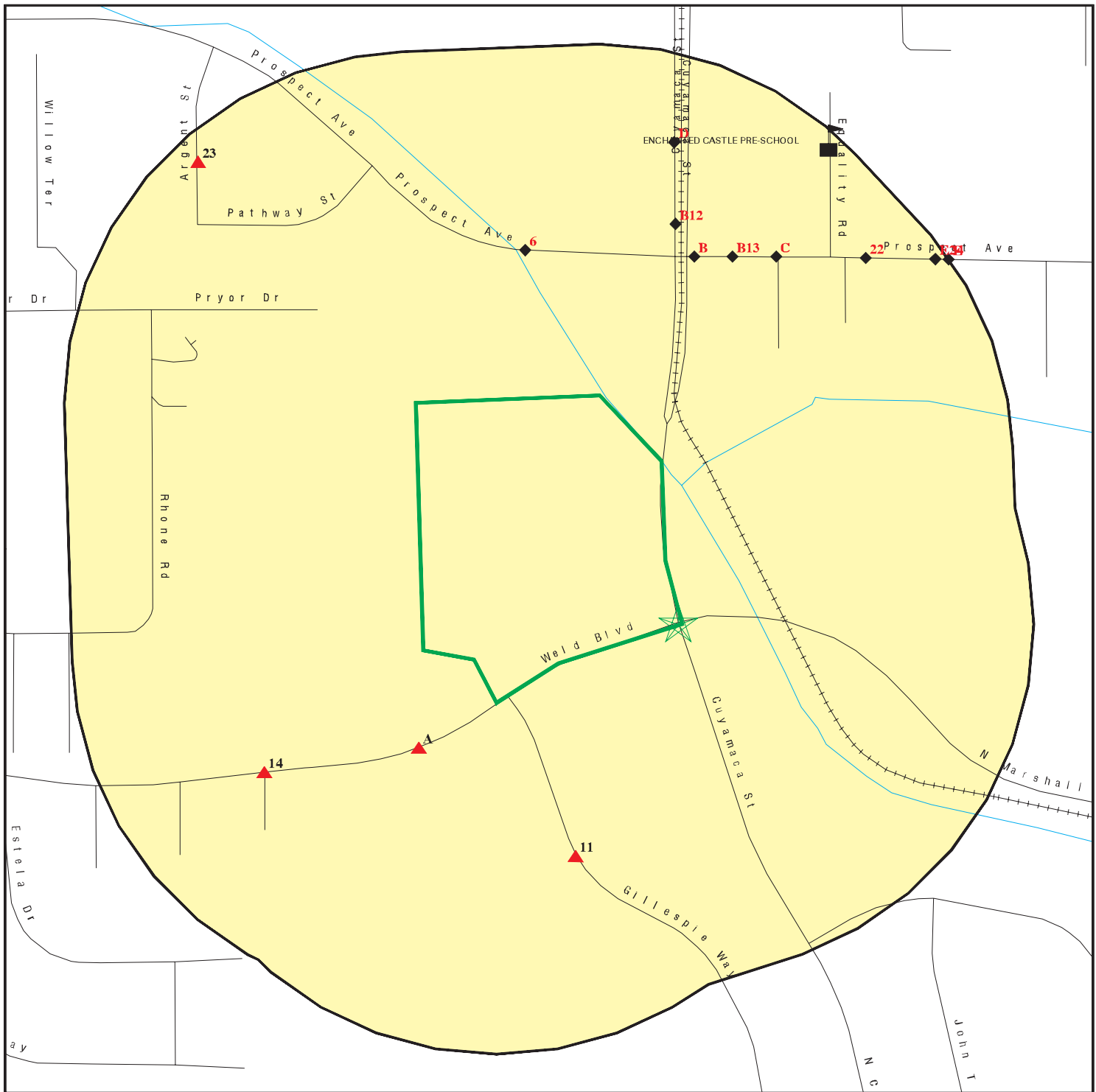
Areas of Concern

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

SITE NAME: Forrester Creek
ADDRESS: Weld Boulevard/Cuyamaca Street
EI Cajon CA 92020
LAT/LONG: 32.8276 / 116.9838

CLIENT: Rincon Consultants, Inc.
CONTACT: Greg Stull
INQUIRY #: 2176429.2s
DATE: March 24, 2008 3:41 pm

DETAIL MAP - 2176429.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

Areas of Concern

0 1/16 1/8 1/4 Miles

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

SITE NAME: Forrester Creek
ADDRESS: Weld Boulevard/Cuyamaca Street
EI Cajon CA 92020
LAT/LONG: 32.8276 / 116.9838

CLIENT: Rincon Consultants, Inc.
CONTACT: Greg Stull
INQUIRY #: 2176429.2s
DATE: March 24, 2008 3:41 pm

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 RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		0.500	0	0	0	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA-TSDF		0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	2	4	NR	NR	NR	6
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
RCRA-NonGen	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	1	NR	1
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
HIST Cal-Sites		1.000	0	0	0	0	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
SWF/LF		0.500	0	0	0	NR	NR	0

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
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	3	1	6	NR	NR	10
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	4	6	7	NR	NR	17
CA FID UST		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	0	0	NR	NR	0
UST		0.250	2	1	NR	NR	NR	3
HIST UST		0.250	3	0	NR	NR	NR	3
AST		0.250	0	0	NR	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
SWEEPS UST		0.250	3	4	NR	NR	NR	7
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	3	NR	3
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	1	NR	NR	NR	1
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
San Diego Co. HMMD		TP	NR	NR	NR	NR	NR	0
RESPONSE		1.000	0	0	0	0	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
SAN DIEGO CO. SAM		0.500	2	4	4	NR	NR	10
HAULERS		TP	NR	NR	NR	NR	NR	0
ENVIROSTOR		1.000	0	1	0	2	NR	3
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		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
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
WSW
< 1/8
0.064 mi.
336 ft.
Santee County Garage
1840 Weld Blvd
El Cajon, CA 92020
Site 1 of 5 in cluster A

HIST UST **U001571222**
N/A

Relative:
Higher

HIST UST:

Region: STATE
Facility ID: 00000044147
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: DON MADISON (565-5444)
Telephone: 6194482772
Owner Name: COUNTY OF SAN DIEGO
Owner Address: 5555 OVERLAND AVE.,
Owner City,St,Zip: SAN DIEGO, CA 92123

Actual:
410 ft.

Tank Num: 001
Container Num: GS 020
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: GS 021
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

Tank Num: 003
Container Num: GS 022
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

A2
WSW
< 1/8
0.064 mi.
336 ft.
County of SD- Fleet Service
1840 Weld Bl
El Cajon, CA 92020
Site 2 of 5 in cluster A

SAN DIEGO CO. SAM **S108407015**
N/A

Relative:
Higher

SAN DIEGO CO. SAM:

Case Number: H04831-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Remedial Investigation
Date: 5/12/2005
Begandt: 8/26/1998

Actual:
410 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUNTY OF SD- FLEET SERVICE (Continued)

S108407015

Case Number: H04831-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Remedial Investigation
Date: 5/12/2005
Begandt: 8/26/1998

Case Number: H04831-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Remedial Investigation
Date: 5/12/2005
Begandt: 8/26/1998

Case Number: H04831-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Remedial Investigation
Date: 5/12/2005
Begandt: 8/26/1998

A3
WSW
< 1/8
0.064 mi.
336 ft.

COUNTY OF SAN DIEGO
1840 WELD BLVD
EL CAJON, CA 92020
Site 3 of 5 in cluster A

HAZNET
LUST
Cortese
SWEEPS UST

S103472078
N/A

Relative:
Higher

HAZNET:

Actual:
410 ft.

Gepaid: CAL000261777
Contact: DENNIS WRIGHT
Telephone: 6199564705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1840 WELD BLVD
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: Not reported
TSD County: Not reported
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Disposal, Other
Tons: 0.20
Facility County: Not reported

Gepaid: CAL000261777
Contact: DENNIS WRIGHT
Telephone: 6199564705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1840 WELD BLVD
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: Not reported
TSD County: Not reported
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Disposal, Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUNTY OF SAN DIEGO (Continued)

S103472078

Tons: 0.20
Facility County: Not reported

Gepaid: CAL000261777
Contact: DENNIS WRIGHT
Telephone: 6199564705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1840 WELD BLVD
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Tons: 0.00
Facility County: Not reported

Gepaid: CAL000261777
Contact: DENNIS WRIGHT
Telephone: 6199564705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1840 WELD BLVD
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 0.09
Facility County: Not reported

Gepaid: CAL000261777
Contact: DENNIS WRIGHT
Telephone: 6199564705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1840 WELD BLVD
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Tons: 0.40
Facility County: Not reported

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

LUST:
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUNTY OF SAN DIEGO (Continued)

S103472078

Funding: NOR
How Discovered: Not reported
How Stopped: Close Tank
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0607302500
Stop Date: 1998-08-26 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1998-08-26 00:00:00
Enforcement Dt: Not reported
Release Date: 1998-09-02 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Not reported
Chemical: Unleaded Gasoline
Contact Person: Not reported
Responsible Party: Kathleen Hider
RP Address: 5555 Overland Avenue, Suite 6101
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: UNA
Staff Initials: JC
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 4
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H04831-001
Case Number: 9UT3732
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUNTY OF SAN DIEGO (Continued)

S103472078

Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 9
Case Number: 9UT3732
Local Agency: San Diego
Substance: Unleaded Gasoline
Qty Leaked: 0
Date Found: 08/26/1998
How Found: Tank Closure
Date Stopped: 08/26/1998
How Stopped: Close Tank
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Other ground water affected
Status: Preliminary site assessment workplan submitted
Abate Method: Not reported
Confirm Date: 09/19/1998
Submit Workplan: 10/2/98
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported
Enforce Date: Not reported
Closed Date: Not reported
Pilot Program: LOP
Local Case: H04831-001
Basin Number: 907.13
Gwater Depth: Not reported
Beneficial Use: MUNBU
NPDES Number: Not reported
priority: LOP/LOW - MINOR OR NO POTENTIAL WATER RESOURCE IMPACT
File Dispn: Administratively opened on database, however no file physically exists
Release Date: 09/02/1998
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 1840 WELD BLVD

SWEEPS UST:

Status: A
Comp Number: 4831
Number: 9
Board Of Equalization: 44-022109
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUNTY OF SAN DIEGO (Continued)

S103472078

Swrcb Tank Id: 37-000-004831-000001
Actv Date: Not reported
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 4831
Number: 9
Board Of Equalization: 44-022109
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-004831-000002
Actv Date: Not reported
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 4831
Number: 9
Board Of Equalization: 44-022109
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-004831-000003
Actv Date: Not reported
Capacity: 300
Tank Use: PETROLEUM
Stg: W
Content: Not reported
Number Of Tanks: Not reported

A4
WSW
< 1/8
0.064 mi.
336 ft.

SANTEE SERVICE STATION
1840 WELD BD
EL CAJON, CA 92020

Site 4 of 5 in cluster A

RCRA-SQG 1000698053
FINDS CAD981695034

Relative:
Higher

RCRA-SQG:
Date form received by agency: 03/25/1991
Facility name: SANTEE SERVICE STATION
Facility address: 1840 WELD BD
EL CAJON, CA 92020
EPA ID: CAD981695034
Mailing address: 5555 OVERLAND AVE MS 019
SAN DIEGO, CA 92123
Contact: ENVIRONMENTAL MANAGER
Contact address: 1840 WELD BD

Actual:
410 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTEE SERVICE STATION (Continued)

1000698053

EL CAJON, CA 92020
Contact country: US
Contact telephone: (619) 694-2890
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: COUNTY OF SAN DIEGO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTEE SERVICE STATION (Continued)

1000698053

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A5
WSW
< 1/8
0.064 mi.
336 ft.

COUNTY OF SD- FLEET SERVICE
1840 WELD BLVD
EL CAJON, CA 92020

UST **U003789170**
N/A

Site 5 of 5 in cluster A

Relative:
Higher

UST:
Local Agency: 37000
Facility ID: H04831

Actual:
410 ft.

6
North
< 1/8
0.105 mi.
557 ft.

WOODRUFFS TRENCHING
9735 PROSPECT AV
SANTEE, CA 92071

San Diego Co. HMMD **1000192218**
HIST UST **N/A**
SWEEPS UST

Relative:
Lower

San Diego Co. HMMD:
Facility ID: 104530
Inactive Indicator: Active
Business Code: 6HK70
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported
Mailing Address: PO BOX 2620
Mailing City,St,Zip: RAMONA, CA 92065
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Santee
Census Tract Number: 166.1
EPA ID: CAD982341051
Gas Station: Not reported
Inspection Date: 05/01/03
Reinspection Date: Not reported
Inspector Name: MEHRHART
Violation Notice Issued: Not reported
Facility Contact: CHARLIENE WOODRUFF/VICE PRES
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: WOODRUFF TRUST 03-01-95
Property Address: P O BOX 2612
Property City,St,Zip: 92065
Tank Owner: WOODRUFFS TRENCHING INC
Tank Address: 9735 E W PROSPECT AV
Tank City,St,Zip: Santee, CA 92071
Business Plan Acceptance Date: Not reported

Actual:
343 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODRUFFS TRENCHING (Continued)

1000192218

Reinspection Date Y2K Compatible: 11/01/04
Facility Phone: 760-789-4286

HMMD DISCLOSURE INVENTORY:

Item Number: AC47
Chemical Name: ACETYLENE
Case Number: 74-86-2
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

Item Number: CA48
Chemical Name: CARBON DIOXIDE
Case Number: 124-38-9
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: ACUTE

Item Number: OX49
Chemical Name: OXYGEN
Case Number: 7782-44-7
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

Item Number: PR89
Chemical Name: PROPANE
Case Number: 74-98-6
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: 1
Waste or Product: Not reported
Tank Contents: LEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODRUFFS TRENCHING (Continued)

1000192218

HMMD VIOLATIONS:

Inspection Date: 11/17/98
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 9398
Violation Desc: TRAINING RECORDS UNAVAILABLE

Inspection Date: 11/17/98
Waste Code: Not reported
Type of Violation: 6HV1096
Occurrences: Not reported
Item Number: 9399
Violation Desc: NO EMPLOYEE TRAINING RECORDS

Inspection Date: 03/26/01
Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 3533
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 03/26/01
Waste Code: Not reported
Type of Violation: 6HX3015
Occurrences: Not reported
Item Number: 3534
Violation Desc: ANNUAL INTEGRITY TEST NOT DONE

HMMD WASTE STREAMS:

Inspection Date: 05/01/03
Waste Item #: 213
Waste Code: 213
Waste Name: HYDROCARBON SOLVENTS
Qty at Inspection: 30
Quantity String: 30
Annual Qty: 30
Annual Qty String: 30
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: METAL DRUM
Haz Waste Hauler: 0015 ASBURY ENVIR. SERVIC
Waste Desc: Not reported
Carcinogen: No

Inspection Date: 05/01/03
Waste Item #: 221
Waste Code: 221
Waste Name: WASTE OIL & MIXED OI
Qty at Inspection: 100
Quantity String: 100
Annual Qty: 150
Annual Qty String: 150
Measurement Unit: GAL
Treatment Method: 999 UNKNOWN
Storage Method: ABVG TNK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODRUFFS TRENCHING (Continued)

1000192218

Haz Waste Hauler: 0015 ASBURY ENVIR. SERVIC
Waste Desc: OIL W/SML AMT OF DIESEL
Carcinogen: No

Inspection Date: 05/01/03
Waste Item #: 444
Waste Code: 444
Waste Name: USED BATTERIES
Qty at Inspection: 120
Quantity String: 120
Annual Qty: 200
Annual Qty String: 200
Measurement Unit: LBS
Treatment Method: 444 BATTERIES RECYCL
Storage Method: WASTE PILE
Haz Waste Hauler: 9997 UNREGISTERED HAZ WST
Waste Desc: COUNTY MOTOR PARTS
Carcinogen: No

Inspection Date: 05/01/03
Waste Item #: 888
Waste Code: 888
Waste Name: USED OIL FILTERS
Qty at Inspection: 500
Quantity String: 500
Annual Qty: 500
Annual Qty String: 500
Measurement Unit: LBS
Treatment Method: 888 FILTERS/METAL RE
Storage Method: METAL DRUM
Haz Waste Hauler: 0015 ASBURY ENVIR. SERVIC
Waste Desc: USED OIL FILTERS
Carcinogen: No

HIST UST:

Region: STATE
Facility ID: 00000068881
Facility Type: Other
Other Type: Not reported
Total Tanks: 0001
Contact Name: Not reported
Telephone: 6194482680
Owner Name: WOODRUFF'S TRENCHING, INC.
Owner Address: 9735 PROSPECT AVENUE
Owner City,St,Zip: SANTEE, CA 92071

Tank Num: 001
Container Num: 1
Year Installed: 1979
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: 1
Tank Construction: Unkown inches
Leak Detection: Pressure Test

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODRUFFS TRENCHING (Continued)

1000192218

SWEEPS UST:

Status: Not reported
Comp Number: 4530
Number: Not reported
Board Of Equalization: 44-022057
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-004530-000001
Actv Date: Not reported
Capacity: 2000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: LEADED
Number Of Tanks: 1

Status: A
Comp Number: 4530
Number: 9
Board Of Equalization: 44-022057
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

**B7
NE
< 1/8
0.120 mi.
632 ft.**

**7-ELEVEN FOOD STORE #20611
9805 PROSPECT AV
SANTEE, CA 92071
Site 1 of 6 in cluster B**

**LUST
Cortese
San Diego Co. HMMD
HIST UST
SAN DIEGO CO. SAM**

**1000281973
N/A**

**Relative:
Lower**

LUST:

**Actual:
350 ft.**

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported
Funding: NOR
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0607302140
Stop Date: 1994-10-04 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN FOOD STORE #20611 (Continued)

1000281973

Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-11-12 00:00:00
Discover Date: 1994-10-04 00:00:00
Enforcement Dt: Not reported
Release Date: 1994-10-25 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: Unleaded Gasoline
Contact Person: Not reported
Responsible Party: BOB VASQUEZ
RP Address: 3146 GOLD CAMP DR #300
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: UNA
Staff Initials: PV
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.14
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 4
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H20832-001
Case Number: 9UT3379
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported
Funding: NOR
How Discovered: Not reported
How Stopped: Other Means
Leak Cause: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN FOOD STORE #20611 (Continued)

1000281973

Leak Source: Unknown
Global Id: T0607302599
Stop Date: 1998-10-22 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 2000-08-24 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1998-10-22 00:00:00
Enforcement Dt: Not reported
Release Date: 1998-10-22 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Remedial action (cleanup) Underway
Chemical: Unleaded Gasoline
Contact Person: Not reported
Responsible Party: Metropolitan Transit Development Bo
RP Address: P.O. Box 711
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: UNA
Staff Initials: CB
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 5
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H20832-002
Case Number: 9UT3841
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN FOOD STORE #20611 (Continued)

1000281973

Cortese:

Region: CORTESE
Facility Addr2: Not reported

San Diego Co. HMMD:

Facility ID: 120832
Inactive Indicator: Active
Business Code: 6HK28
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: ATTN: GASOLINE ACCOUNTING
Mailing Address: P O BOX 711
Mailing City,St,Zip: DALLAS, TX 75221
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Santee
Census Tract Number: 162
EPA ID: CAD981407281
Gas Station: Not reported
Inspection Date: 05/15/03
Reinspection Date: Not reported
Inspector Name: MFITZMAU
Violation Notice Issued: Not reported
Facility Contact: GARY WISEMAN
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: SAN DIEGO METROPOLITAN TRANSIT
Property Address: PUBLIC AGENCY
Property City,St,Zip: 00000
Tank Owner: 7-ELEVEN, INC
Tank Address: PO BOX 711
Tank City,St,Zip: Dallas, TX 75221
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: Not reported
Facility Phone: 619-449-5376

HMMD DISCLOSURE INVENTORY:

Item Number: Not reported
Chemical Name: Not reported
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: RT1120/AT4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN FOOD STORE #20611 (Continued)

1000281973

Waste or Product: Not reported
Tank Contents: REGULAR UNLEADED

Tank Number: T002
Tank ID Number: RT1120/AT4
Waste or Product: Not reported
Tank Contents: MIDGRADE UNLEADED

Tank Number: T003
Tank ID Number: RT1120/AT4
Waste or Product: Not reported
Tank Contents: PREMIUM UNLEADED

HMMD VIOLATIONS:

Inspection Date: 01/21/98
Waste Code: Not reported
Type of Violation: 6HV0135
Occurrences: Not reported
Item Number: 0611
Violation Desc: MANIFESTS/RECEIPTS NO ONSITE

Inspection Date: 01/21/98
Waste Code: Not reported
Type of Violation: 6HX3020
Occurrences: Not reported
Item Number: 0612
Violation Desc: PUMP DISPENSER METER NOT CALIBRATED

Inspection Date: 01/21/98
Waste Code: Not reported
Type of Violation: 6HX3029
Occurrences: Not reported
Item Number: 0613
Violation Desc: SPILL/OVERFILL PREVENTION NOT INSTALLED

Inspection Date: 02/26/99
Waste Code: Not reported
Type of Violation: 6HV1003
Occurrences: Not reported
Item Number: 2023
Violation Desc: HMBP NOT AMENDED W/IN 30 DAYS

Inspection Date: 02/26/99
Waste Code: Not reported
Type of Violation: 6HV1096
Occurrences: Not reported
Item Number: 2024
Violation Desc: NO EMPLOYEE TRAINING RECORDS

Inspection Date: 12/24/01
Waste Code: Not reported
Type of Violation: 6HV0402
Occurrences: Not reported
Item Number: 2301
Violation Desc: TRAINING PROGRAM NOT ADEQUATE

Inspection Date: 12/24/01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN FOOD STORE #20611 (Continued)

1000281973

Waste Code: Not reported
Type of Violation: 6HX3001
Occurrences: Not reported
Item Number: 2302
Violation Desc: UST RECORDS NOT MAINTAINED ONSITE

Inspection Date: 12/24/01
Waste Code: Not reported
Type of Violation: 6HX3029
Occurrences: Not reported
Item Number: 2303
Violation Desc: SPILL/OVERFILL PREVENTION NOT INSTALLED

Inspection Date: 12/24/01
Waste Code: Not reported
Type of Violation: 6HV1097
Occurrences: Not reported
Item Number: 2304
Violation Desc: HMBP: NO EMPLOYEE TRAINING PROGRAM

Inspection Date: 05/15/03
Waste Code: Not reported
Type of Violation: 6HV3102
Occurrences: Not reported
Item Number: 0199
Violation Desc: OPERATING PERMIT CURRENT & AT FACILITY?

Inspection Date: 05/15/03
Waste Code: Not reported
Type of Violation: 6HV3110
Occurrences: Not reported
Item Number: 0200
Violation Desc: NO ANNUAL CERT OF ATG AND SENSORS

Inspection Date: 05/15/03
Waste Code: Not reported
Type of Violation: 6HV3112
Occurrences: Not reported
Item Number: 0201
Violation Desc: 2NDRY CONT TEST NOT DONE (6/36 MOS.)

HMMD WASTE STREAMS:

Inspection Date: Not reported
Waste Item #: Not reported
Waste Code: Not reported
Waste Name: Not reported
Qty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: Not reported
Annual Qty String: Not reported
Measurement Unit: Not reported
Treatment Method: Not reported
Storage Method: Not reported
Haz Waste Hauler: Not reported
Waste Desc: Not reported
Carcinogen: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN FOOD STORE #20611 (Continued)

1000281973

HIST UST:

Region: STATE
Facility ID: 00000010228
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: FRANCHISEE/CONSIGNEE ROBERT SC
Telephone: 6195798711
Owner Name: THE SOUTHLAND CORPORATION
Owner Address: 7839 UNIVERSITY AVENUE
Owner City,St,Zip: LA MESA, CA 92041

Tank Num: 001
Container Num: 20611-1
Year Installed: 1979
Tank Capacity: 00009528
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 0.25 inches
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 20611-2
Year Installed: 1979
Tank Capacity: 00009528
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 0.25 inches
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 20611-3
Year Installed: 1979
Tank Capacity: 00009528
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: 0.25 inches
Leak Detection: Stock Inventor

SAN DIEGO CO. SAM:

Case Number: H20832-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Closed Case
Date: 11/12/1997
Begandt: 10/4/1994

Case Number: H20832-002
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Remedial Action (Clean-Up)
Date: 8/11/2000
Begandt: 10/22/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B8
NE
< 1/8
0.120 mi.
632 ft.
SOUTHLAND 7-11 STORE NO.20611
9805 PROSPECT AVE
SANTEE, CA 92071
Site 2 of 6 in cluster B

LUST **S100731756**
N/A

Relative:
Lower

LUST:

Actual:
350 ft.

Region: 9
Case Number: 9UT3379
Local Agency: San Diego
Substance: Unleaded Gasoline
Qty Leaked: 0
Date Found: 10/04/1994
How Found: Other Means
Date Stopped: 10/04/1994
How Stopped: Other Means
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Other ground water affected
Status: Case Closed
Abate Method: Not reported
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 11/15/1994
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: SEL
Enforce Date: 11/15/94
Closed Date: 11/12/97
Pilot Program: LOP
Local Case: H20832-001
Basin Number: 907.14
Gwater Depth: 7.3'
Beneficial Use: MUNBU
NPDES Number: Not reported
priority: LOP/MODERATE - POTENTIAL WATER IMPACT
File Dispn: Administratively opened on database, however no file physically exists
Release Date: 10/25/1994
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

B9
NE
< 1/8
0.120 mi.
632 ft.
7-ELEVEN FOOD STORE #20611
9805 PROSPECT AVE
SANTEE, CA 92071
Site 3 of 6 in cluster B

UST **U003937302**
SWEEPS UST **N/A**

Relative:
Lower

UST:

Actual:
350 ft.

Local Agency: 37000
Facility ID: H20832

SWEEPS UST:
Status: A
Comp Number: 20832
Number: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN FOOD STORE #20611 (Continued)

U003937302

Board Of Equalization: 44-002251
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020832-000001
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 20832
Number: 9
Board Of Equalization: 44-002251
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020832-000002
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 20832
Number: 9
Board Of Equalization: 44-002251
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020832-000003
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B10
NE
< 1/8
0.120 mi.
632 ft.

7-ELEVEN #20611
9805 PROSPECT AVE
SANTEE, CA 92071

Site 4 of 6 in cluster B

LUST
Cortese

S103723468
N/A

Relative:
Lower

LUST:

Actual:
350 ft.

Region: 9
Case Number: 9UT3841
Local Agency: San Diego
Substance: Unleaded Gasoline
Qty Leaked: 0
Date Found: 10/22/1998
How Found: Other Means
Date Stopped: 10/22/1998
How Stopped: Other Means
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Soil only
Status: Preliminary site assessment underway
Abate Method: Not reported
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 02/04/1999
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported
Enforce Date: Not reported
Closed Date: Not reported
Pilot Program: LOP
Local Case: H20832-002
Basin Number: 907.13
Gwater Depth: Not reported
Beneficial Use: MUNBU
NPDES Number: 96-41
priority: LOP/MODERATE - POTENTIAL HEALTH/SAFETY/ENVIRONMENTAL IMPACT
File Dispn: Administratively opened on database, however no file physically exists
Release Date: 10/22/1998
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 9805 PROSPECT AVE

11
SSE
< 1/8
0.123 mi.
647 ft.

TAYLOR LISTUG INC DBA TAYLOR GUITARS
1940 AND 1980 GILLESPIE WAY
EL CAJON, CA 92020

RCRA-SQG
HAZNET

1001815689
CAR000059204

Relative:
Higher

RCRA-SQG:

Actual:
401 ft.

Date form received by agency: 11/17/1999
Facility name: TAYLOR LISTUG INC DBA TAYLOR GUITARS
Facility address: 1940 AND 1980 GILLESPIE WAY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR LISTUG INC DBA TAYLOR GUITARS (Continued)

1001815689

EPA ID: EL CAJON, CA 92020
CAR000059204
Contact: CHRIS BOCKSTAHLER
Contact address: 1940 AND 1980 GILLESPIE WAY
EL CAJON, CA 92020
Contact country: US
Contact telephone: (619) 258-1207
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: TAYLOR LISTUG
Owner/operator address: 1940 AND 1980 GILLESPIE WAY
EL CAJON, CA 92020
Owner/operator country: Not reported
Owner/operator telephone: (619) 258-1207
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D035

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR LISTUG INC DBA TAYLOR GUITARS (Continued)

1001815689

Waste name: METHYL ETHYL KETONE

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

HAZNET:

Gepaid: CAR000059204
Contact: C BOCKSTAHLER/ENVTL SFTY COOR
Telephone: 6192581207
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1940 AND 1980 GILLESPIE WAY
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: 0.26
Facility County: Not reported

Gepaid: CAR000059204
Contact: C BOCKSTAHLER/ENVTL SFTY COOR
Telephone: 6192581207
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1940 AND 1980 GILLESPIE WAY
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: 0.26
Facility County: Not reported

Gepaid: CAR000059204
Contact: C BOCKSTAHLER/ENVTL SFTY COOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR LISTUG INC DBA TAYLOR GUITARS (Continued)

1001815689

Telephone: 6192581207
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1940 AND 1980 GILLESPIE WAY
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.25
Facility County: Not reported

Gepaid: CAR000059204
Contact: C BOCKSTAHLER/ENV TAL SFTY COOR
Telephone: 6192581207
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1940 AND 1980 GILLESPIE WAY
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Treatment, Incineration
Tons: 0
Facility County: Not reported

Gepaid: CAR000059204
Contact: C BOCKSTAHLER/ENV TAL SFTY COOR
Telephone: 6192581207
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1940 AND 1980 GILLESPIE WAY
Mailing City,St,Zip: EL CAJON, CA 920200000
Gen County: San Diego
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Not reported
Tons: 0
Facility County: Not reported

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

B12
NNE
1/8-1/4
0.134 mi.
705 ft.

SAN DIEGO SHEET METAL WORKS
8616 CUYAMACA STREET
SANTEE, CA 92071
Site 5 of 6 in cluster B

RCRA-SQG **1000409745**
FINDS **CAD981393770**
HAZNET
San Diego Co. HMMD

Relative:
Lower

RCRA-SQG:
Date form received by agency: 12/03/2001
Facility name: SAN DIEGO SHEET METAL WORKS
Facility address: 8616 CUYAMACA ST
SANTEE, CA 92071
EPA ID: CAD981393770

Actual:
350 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO SHEET METAL WORKS (Continued)

1000409745

Contact: GARY RIGGS
Contact address: 8616 CUYAMACA ST
SANTEE, CA 92071
Contact country: US
Contact telephone: (619) 258-0900
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: DAREN WECKERLY
Owner/operator address: 410 15TH ST
SAN DIEGO, CA 92101
Owner/operator country: Not reported
Owner/operator telephone: (619) 234-6746
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO SHEET METAL WORKS (Continued)

1000409745

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO SHEET METAL WORKS (Continued)

1000409745

HAZNET:

Gepaid: CAD981393770
Contact: FRANK P SOLOMAN JR
Telephone: 6194493553
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 710250
Mailing City,St,Zip: SANTEE, CA 920720250
Gen County: San Diego
TSD EPA ID: CAT000613976
TSD County: Orange
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: .5002
Facility County: San Diego

Gepaid: CAD981393770
Contact: KARL LEPRANE
Telephone: 6194151003
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2500 SWEETWATER SPRINGS BLVD STE 11
Mailing City,St,Zip: SPRING VALLEY, CA 91978
Gen County: San Diego
TSD EPA ID: AZR000035915
TSD County: 99
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.16
Facility County: Not reported

Gepaid: CAD981393770
Contact: GARY RIGGS
Telephone: 6192580900
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8616 CUYAMACA ST
Mailing City,St,Zip: SANTEE, CA 920710000
Gen County: San Diego
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.68
Facility County: Not reported

Gepaid: CAD981393770
Contact: FRANK P SOLOMAN JR
Telephone: 6194493553
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 710250
Mailing City,St,Zip: SANTEE, CA 920720250
Gen County: San Diego
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO SHEET METAL WORKS (Continued)

1000409745

Disposal Method: Recycler
Tons: 1.3969
Facility County: San Diego

Gepaid: CAD981393770
Contact: FRANK P SOLOMAN JR
Telephone: 6194493553
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 710250
Mailing City,St,Zip: SANTEE, CA 920720250
Gen County: San Diego
TSD EPA ID: AZD980892731
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 3.5
Facility County: San Diego

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

San Diego Co. HMMID:

Facility ID: 106966
Inactive Indicator: Active
Business Code: 6HK35
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported
Mailing Address: 8616 CUYAMACA ST
Mailing City,St,Zip: SANTEE, CA 92072
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Santee
Census Tract Number: 166.1
EPA ID: CAD981393770
Gas Station: Not reported
Inspection Date: 07/18/03
Reinspection Date: Not reported
Inspector Name: WMORGAN1
Violation Notice Issued: Not reported
Facility Contact: JOSE SANDOVAL SHP/REC SUP
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: SAN DIEGO METROPOLITAN TRANSIT
Property Address: PUBLIC AGENCY
Property City,St,Zip: 00000
Tank Owner: Not reported
Tank Address: Not reported
Tank City,St,Zip: Not reported
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: Not reported
Facility Phone: 619-258-0900

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO SHEET METAL WORKS (Continued)

1000409745

HMMD DISCLOSURE INVENTORY:

Item Number: Not reported
Chemical Name: Not reported
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: Not reported
Tank ID Number: Not reported
Waste or Product: Not reported
Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: 12/14/01
Waste Code: Not reported
Type of Violation: 6HV1002
Occurrences: Not reported
Item Number: 2125
Violation Desc: HMBP NOT ESTABLISHED/IMPLEMENTED.

Inspection Date: 07/18/03
Waste Code: Not reported
Type of Violation: 6HV0133
Occurrences: Not reported
Item Number: 2372
Violation Desc: MANIFEST COPY NOT SENT TO DTSC

Inspection Date: 07/18/03
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 2373
Violation Desc: TRAINING RECORDS UNAVAILABLE

HMMD WASTE STREAMS:

Inspection Date: Not reported
Waste Item #: Not reported
Waste Code: Not reported
Waste Name: Not reported
Qty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: Not reported
Annual Qty String: Not reported
Measurement Unit: Not reported
Treatment Method: Not reported
Storage Method: Not reported
Haz Waste Hauler: Not reported
Waste Desc: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO SHEET METAL WORKS (Continued)

1000409745

Carcinogen: No

Facility ID: 204889
Inactive Indicator: Active
Business Code: 6HK35
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported
Mailing Address: 8616 CUYAMACA ST
Mailing City,St,Zip: SANTEE, CA 92071
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Santee
Census Tract Number: 166.1
EPA ID: Not reported
Gas Station: Not reported
Inspection Date: 02/24/05
Reinspection Date: Not reported
Inspector Name: CMOSSE
Violation Notice Issued: Not reported
Facility Contact: MARK MONTEZ
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: SAN DIEGO METROPOLITAN TRANSIT
Property Address: PUBLIC AGENCY
Property City,St,Zip: 00000
Tank Owner: Not reported
Tank Address: Not reported
Tank City,St,Zip: Not reported
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: 08/24/06
Facility Phone: Not reported

HMMD DISCLOSURE INVENTORY:

Item Number: AR43
Chemical Name: ARGON (75%)/CARBON DIOXIDE (25%) (CAS 7440-37-1/124-38-9)
Case Number: 7440-37-1
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: ACUTE

Item Number: AR34
Chemical Name: ARGON COMPRESSED GAS
Case Number: 7440-37-1
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO SHEET METAL WORKS (Continued)

1000409745

Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	PRESSURE RELEASE
2nd Hazard Category:	ACUTE
Item Number:	AR33
Chemical Name:	ARGON, HELIUM MIXTURE COMPRESSED GAS
Case Number:	7440-37-1
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	PRESSURE RELEASE
2nd Hazard Category:	ACUTE
Item Number:	HE68
Chemical Name:	HELIUM GAS
Case Number:	7440-59-7
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	PRESSURE RELEASE
2nd Hazard Category:	Not reported
Item Number:	MA66
Chemical Name:	MACHINING COOLANT MACHINING COOLANT
Case Number:	Not reported
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	FIRE
2nd Hazard Category:	ACUTE
Item Number:	OX35
Chemical Name:	OXYGEN COMPRESSED GAS
Case Number:	7782-44-7
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	FIRE
2nd Hazard Category:	ACUTE
Item Number:	PR36
Chemical Name:	PROPANE FOR FORKLIFT
Case Number:	74-98-6
Quantity Stored At One Time:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN DIEGO SHEET METAL WORKS (Continued)

1000409745

Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

HMMD UNDERGROUND TANKS:

Tank Number: Not reported
Tank ID Number: Not reported
Waste or Product: Not reported
Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: Not reported
Waste Code: Not reported
Type of Violation: Not reported
Occurrences: Not reported
Item Number: Not reported
Violation Desc: Not reported

HMMD WASTE STREAMS:

Inspection Date: 02/24/05
Waste Item #: 181
Waste Code: 181
Waste Name: INORGANIC SOLID WAST
Qty at Inspection: 400
Quantity String: 400
Annual Qty: 800
Annual Qty String: 800
Measurement Unit: LBS
Treatment Method: 007 INCINERATION
Storage Method: METAL DRUM
Haz Waste Hauler: 9998 UNKNOWN HAZ WST HAUL
Waste Desc: INORGANIC SOLID WASTE (SA
Carcinogen: No

B13
NE
1/8-1/4
0.137 mi.
722 ft.

PRINTED CIRCUITS GEN DESIGN
9825 PROSPECT AVE
SANTEE, CA 92071

Site 6 of 6 in cluster B

RCRA-SQG 1000322126
FINDS CAD073377780

Relative:
Lower

RCRA-SQG:
Date form received by agency: 05/16/1986
Facility name: PRINTED CIRCUITS GEN DESIGN
Facility address: 9825 PROSPECT AVE
SANTEE, CA 92071
EPA ID: CAD073377780
Mailing address: PROSPECT AVE
SANTEE, CA 92071
Contact: ENVIRONMENTAL MANAGER
Contact address: 9825 PROSPECT AVE
SANTEE, CA 92071

Actual:
350 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTED CIRCUITS GEN DESIGN (Continued)

1000322126

Contact country: US
Contact telephone: (619) 448-2034
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GEORGE B VALLAS
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINTED CIRCUITS GEN DESIGN (Continued)

1000322126

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**14
SW
1/8-1/4
0.142 mi.
752 ft.**

**BUCK KNIVES INC.
1900 WELD BLVD
EL CAJON, CA 92020**

**RCRA-SQG
FINDS
HAZNET
AIRS**

**1000266704
CAD008233462**

**Relative:
Higher**

RCRA-SQG:

**Actual:
433 ft.**

Date form received by agency: 08/14/2002
Facility name: BUCK KNIVES INC.
Facility address: 1900 WELD BLVD.
EL CAJON, CA 92020
EPA ID: CAD008233462
Mailing address: WELD BLVD.
EL CAJON, CA 92020
Contact: PHIL DUCKETT
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (619) 449-1000
Telephone ext.: 286
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: Unknown
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: Unknown
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: Unknown
Used oil processor: Unknown
User oil refiner: Unknown
Used oil fuel marketer to burner: Unknown
Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 08/14/2002
Facility name: BUCK KNIVES INC.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Facility name: BUCK KNIVES INC.

Site name: BUCK KNIVES INC

Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Facility name: BUCK KNIVES INC.

Site name: BUCK KNIVES INC

Classification: Large Quantity Generator

Date form received by agency: 02/06/1996

Facility name: BUCK KNIVES INC.

Site name: BUCK KNIVES, INC.

Classification: Large Quantity Generator

Date form received by agency: 03/01/1994

Facility name: BUCK KNIVES INC.

Classification: Large Quantity Generator

Date form received by agency: 02/29/1992

Facility name: BUCK KNIVES INC.

Site name: BUCK KNIVES INC

Classification: Large Quantity Generator

Date form received by agency: 03/16/1990

Facility name: BUCK KNIVES INC.

Site name: BUCK KNIVES INC

Classification: Large Quantity Generator

Date form received by agency: 06/25/1980

Facility name: BUCK KNIVES INC.

Site name: BUCK KNIVES INC

Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 12/01/2003

Date achieved compliance: 01/06/2004

Violation lead agency: State

Enforcement action: Not reported

Enforcement action date: Not reported

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: Not reported

Proposed penalty amount: Not reported

Final penalty amount: Not reported

Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 12/01/2003

Date achieved compliance: 01/27/2004

Violation lead agency: State

Enforcement action: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/01/2003
Date achieved compliance: 12/08/2003
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/01/2003
Date achieved compliance: 12/02/2003
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/05/1993
Date achieved compliance: 11/05/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/31/1992
Date achieved compliance: 11/05/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/12/1992
Date achieved compliance: 07/31/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/01/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/08/2003
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/01/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/06/2004
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/01/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/02/2003
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/01/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/27/2004
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/05/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/05/1998
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/31/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/05/1993
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Evaluation date: 07/12/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/31/1992
Evaluation lead agency: State Contractor/Grantee

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

HAZNET:

Gepaid: CAD008233462
Contact: BUCK KNIVES INC CHARLES T BUCK
Telephone: 6194491100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1267
Mailing City,St,Zip: EL CAJON, CA 920221267

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Gen County: San Diego
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 5.0040
Facility County: San Diego

Gepaid: CAD008233462
Contact: BUCK KNIVES INC CHARLES T BUCK
Telephone: 6194491100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1267
Mailing City,St,Zip: EL CAJON, CA 920221267
Gen County: San Diego
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Treatment, Tank
Tons: 18.7650
Facility County: San Diego

Gepaid: CAD008233462
Contact: BUCK KNIVES INC CHARLES T BUCK
Telephone: 6194491100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1267
Mailing City,St,Zip: EL CAJON, CA 920221267
Gen County: San Diego
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Tons: .4587
Facility County: San Diego

Gepaid: CAD008233462
Contact: BUCK KNIVES INC CHARLES T BUCK
Telephone: 6194491100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1267
Mailing City,St,Zip: EL CAJON, CA 920221267
Gen County: San Diego
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Tank
Tons: 119.6776
Facility County: San Diego

Gepaid: CAD008233462
Contact: BUCK KNIVES INC CHARLES T BUCK
Telephone: 6194491100
Facility Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Mailing Name: Not reported
Mailing Address: PO BOX 1267
Mailing City,St,Zip: EL CAJON, CA 920221267
Gen County: San Diego
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Other organic solids
Disposal Method: Treatment, Tank
Tons: 56.4676
Facility County: San Diego

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

EMI:

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 37
Air Basin: SD
Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 22
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1993
Carbon Monoxide Emissions Tons/Yr: 37
Air Basin: SD
Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 22
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 37
Air Basin: SD
Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 22
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 37
Air Basin: SD
Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 22
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 37
Air Basin: SD
Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 37
Air Basin: SD
Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1999
Carbon Monoxide Emissions Tons/Yr:	37
Air Basin:	SD
Facility ID:	639
Air District Name:	SD
SIC Code:	3421
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2000
Carbon Monoxide Emissions Tons/Yr:	37
Air Basin:	SD
Facility ID:	639
Air District Name:	SD
SIC Code:	3421
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2001
Carbon Monoxide Emissions Tons/Yr:	37
Air Basin:	SD
Facility ID:	639
Air District Name:	SD
SIC Code:	3421
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2002
Carbon Monoxide Emissions Tons/Yr:	37
Air Basin:	SD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 37
Air Basin: SD
Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 37
Air Basin: SD
Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.88162281
Reactive Organic Gases Tons/Yr: 0.565325
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.0006
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0.0006

Year: 2005
Carbon Monoxide Emissions Tons/Yr: 37
Air Basin: SD
Facility ID: 639
Air District Name: SD
SIC Code: 3421
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUCK KNIVES INC. (Continued)

1000266704

Total Organic Hydrocarbon Gases Tons/Yr: 1.87
Reactive Organic Gases Tons/Yr: 1.084
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .0010452961672473867
Part. Matter 10 Micrometers & Smlr Tons/Yr: .0006

**C15
NE
1/8-1/4
0.159 mi.
840 ft.**

**ADVANCED AUTOMATICS
9851 PROSPECT AVE
SANTEE, CA 92071**

**RCRA-SQG 1000151448
FINDS CAD982499121**

Site 1 of 4 in cluster C

**Relative:
Lower**

RCRA-SQG:

**Actual:
350 ft.**

Date form received by agency: 02/26/1990
Facility name: ADVANCED AUTOMATICS
Facility address: 9851 PROSPECT AVE
SANTEE, CA 92071
EPA ID: CAD982499121
Mailing address: PROSPECT AVE
SANTEE, CA 92071
Contact: ENVIRONMENTAL MANAGER
Contact address: 9851 PROSPECT AVE
SANTEE, CA 92071
Contact country: US
Contact telephone: (619) 449-7957
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: BILL BURNS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ADVANCED AUTOMATICS (Continued)

1000151448

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C16
NE
1/8-1/4
0.159 mi.
840 ft.

FIZ FAST INC
9851 PROSPECT AVE STE E
SANTEE, CA 92071

Site 2 of 4 in cluster C

Relative:
Lower

UST:
Local Agency: 37000
Facility ID: H27277

Actual:
350 ft.

UST U003789863
N/A

C17
NE
1/8-1/4
0.160 mi.
846 ft.

FIZ FAST INC
9851 E PROSPECT AVE
SANTEE, CA 92071

Site 3 of 4 in cluster C

Relative:
Lower

SWEEPS UST:
Status: A
Comp Number: 27277
Number: 9
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A

Actual:
350 ft.

SWEEPS UST S106926253
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIZ FAST INC (Continued)

S106926253

Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-027277-000001
Actv Date: Not reported
Capacity: 500
Tank Use: OIL
Stg: P
Content: Not reported
Number Of Tanks: 1

**C18
NE
1/8-1/4
0.160 mi.
846 ft.**

**FIZ FAST
9851 PROSPECT AV
SANTEE, CA 92071
Site 4 of 4 in cluster C**

**LUST S106874907
SAN DIEGO CO. SAM N/A**

**Relative:
Lower**

LUST:

**Actual:
350 ft.**

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: NOR
How Discovered: Not reported
How Stopped: Close Tank
Leak Cause: Other Cause
Leak Source: Tank
Global Id: T0607391738
Stop Date: 1972-03-15 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 2004-10-18 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1970-06-01 00:00:00
Enforcement Dt: Not reported
Release Date: 2003-10-01 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Preliminary site assessment underway
Chemical: Unleaded Gasoline
Contact Person: Not reported
Responsible Party: Lou Mattazaro
RP Address: 9851 Prospect Avenue
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIZ FAST (Continued)

S106874907

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: UNA
Staff Initials: EM
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: 4
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H27277-001
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

SAN DIEGO CO. SAM:

Case Number: H27277-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Soils Only
FStatus: Preliminary Assessment
Date: 10/18/2004
Begandt: 6/1/1970

D19
NNE
1/8-1/4
0.188 mi.
991 ft.

CONEEN PROPERTY
8656 CUYAMACA ST.
SANTEE, CA 92071

ENVIROSTOR S106893824
N/A

Site 1 of 3 in cluster D

Relative:
Lower

ENVIROSTOR:

Actual:
348 ft.

Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: So Cal - Cypress
Facility ID: 37000066
Site Code: Not reported
Assembly: 77
Senate: 36
Special Program: Not reported
Status: Refer: 1248 Local Agency
Status Date: 2000-06-14 00:00:00
Restricted Use: NO
Funding: Not Applicable
Latitude: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONEEN PROPERTY (Continued)

S106893824

Longitude: 0
Alias Name: 37000066
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

D20
NNE
1/8-1/4
0.188 mi.
991 ft.
HOGAN'S HYDRAULICS
8656 CUYAMACA ST
SANTEE, CA 92071
Site 2 of 3 in cluster D

LUST
San Diego Co. HMMD
SAN DIEGO CO. SAM
S105692662
N/A

Relative:
Lower
Actual:
348 ft.
LUST:
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported
Funding: NOR
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0607300040
Stop Date: 1988-07-26 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2000-10-05 00:00:00
Discover Date: 1988-06-15 00:00:00
Enforcement Dt: Not reported
Release Date: 1988-07-14 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOGAN'S HYDRAULICS (Continued)

S105692662

Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: ATTN: MR. MICHAEL MCGOVERN
RP Address: P.O. BOX 3151
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: UNA
Staff Initials: SW
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 4
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H08416-001
Case Number: 9UT1019
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608160690
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOGAN'S HYDRAULICS (Continued)

S105692662

Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2000-10-05 00:00:00
Discover Date: 2000-04-13 00:00:00
Enforcement Dt: Not reported
Release Date: 2000-06-05 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: 0
Contact Person: Not reported
Responsible Party: DIANE VERMEULEN
RP Address: 2829 JUAN ST
Interim: Not reported
Oversight Prgm: LOCNL
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: UNA
Staff Initials: SW
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 4
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H08416-002
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

San Diego Co. HMMD:

Facility ID: 108416
Inactive Indicator: Active
Business Code: 6HK26
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOGAN'S HYDRAULICS (Continued)

S105692662

Mailing Address: 8656 W CUYAMACA ST
Mailing City,St,Zip: SANTEE, CA 92071
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Santee
Census Tract Number: Not reported
EPA ID: CAL000160331
Gas Station: Not reported
Inspection Date: 01/14/03
Reinspection Date: Not reported
Inspector Name: CMOSSE
Violation Notice Issued: Not reported
Facility Contact: DERRELL CARRIGER
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: Not reported
Property Address: Not reported
Property City,St,Zip: Not reported
Tank Owner: CONEEN FAMILY TRUST
Tank Address: 8624 CUYUMACA ST
Tank City,St,Zip: Santee, CA 92071
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: Not reported
Facility Phone: 619-562-0497

HMMD DISCLOSURE INVENTORY:

Item Number: Not reported
Chemical Name: Not reported
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: 1
Waste or Product: Not reported
Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: 07/09/98
Waste Code: Not reported
Type of Violation: 6HV0135
Occurrences: Not reported
Item Number: 5371
Violation Desc: MANIFESTS/RECEIPTS NO ONSITE

Inspection Date: 07/09/98
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOGAN'S HYDRAULICS (Continued)

S105692662

Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 5372
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 07/09/98
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 5373
Violation Desc: TRAINING RECORDS UNAVAILABLE

Inspection Date: 07/09/98
Waste Code: Not reported
Type of Violation: 6HV1096
Occurrences: Not reported
Item Number: 5374
Violation Desc: NO EMPLOYEE TRAINING RECORDS

Inspection Date: 12/08/99
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 0964
Violation Desc: TRAINING RECORDS UNAVAILABLE

Inspection Date: 12/08/99
Waste Code: Not reported
Type of Violation: 6HV1096
Occurrences: Not reported
Item Number: 0965
Violation Desc: NO EMPLOYEE TRAINING RECORDS

Inspection Date: 03/09/01
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 2908
Violation Desc: TRAINING RECORDS UNAVAILABLE

Inspection Date: 03/09/01
Waste Code: Not reported
Type of Violation: 6HV1096
Occurrences: Not reported
Item Number: 2909
Violation Desc: NO EMPLOYEE TRAINING RECORDS

HMMD WASTE STREAMS:

Inspection Date: Not reported
Waste Item #: Not reported
Waste Code: Not reported
Waste Name: Not reported
Qty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: Not reported
Annual Qty String: Not reported
Measurement Unit: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOGAN'S HYDRAULICS (Continued)

S105692662

Treatment Method: Not reported
Storage Method: Not reported
Haz Waste Hauler: Not reported
Waste Desc: Not reported
Carcinogen: No

SAN DIEGO CO. SAM:

Case Number: H08416-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Closed Case
Date: 10/5/2000
Begandt: 6/15/1988

Case Number: H08416-002
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
FType: Drinking Water Aquifer Impacted
FStatus: Closed Case
Date: 10/5/2000
Begandt: 4/13/2000

D21
NNE
1/8-1/4
0.188 mi.
991 ft.

COMMUNITY TRANSIT SERVICES
8656 CUYAMACA ST
SANTEE, CA 92071
Site 3 of 3 in cluster D

LUST **S101302252**
SWEEPS UST **N/A**

Relative:
Lower

LUST:

Actual:
348 ft.

Region: 9
Case Number: 9UT1019
Local Agency: San Diego
Substance: Diesel
Qty Leaked: 10000
Date Found: 07/15/1988
How Found: Inventory Control
Date Stopped: 07/26/1988
How Stopped: Close Tank
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Abate Method: Remove Free Product - remove floating product from water table,
Excavate and Treat - remove contaminated soil and treat (includes
spreading or land farming)
Confirm Date: 08/05/1988
Submit Workplan: Not reported
Prelim Assess: 07/18/1988
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: 9/10/88
Began Monitor: Not reported
Enforce Type: SEL
Enforce Date: 7/18/88

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMUNITY TRANSIT SERVICES (Continued)

S101302252

Closed Date: 9/22/00
Pilot Program: LOP
Local Case: H08416-001
Basin Number: 907.13
Gwater Depth: 14'
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
priority: LOP/MODERATE - POTENTIAL HEALTH/SAFETY/ENVIRONMENTAL IMPACT
File Dispn: Not reported
Release Date: 07/18/1988
Interim Remedial Actions: No
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SWEEPS UST:

Status: Not reported
Comp Number: 8416
Number: Not reported
Board Of Equalization: 44-022412
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-008416-000001
Actv Date: Not reported
Capacity: 550
Tank Use: PETROLEUM
Stg: WASTE
Content: Not reported
Number Of Tanks: 1

Status: A
Comp Number: 8416
Number: 9
Board Of Equalization: 44-022412
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

22
NE
1/8-1/4
0.205 mi.
1081 ft.

JAMES EADS
9915 PROSPECT AV
SANTEE, CA 92071

LUST
San Diego Co. HMMD
SAN DIEGO CO. SAM

S104750826
N/A

Relative:
Lower

LUST:

Actual:
352 ft.

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608163930
Stop Date: 1991-03-13 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1992-08-10 00:00:00
Discover Date: 1991-03-13 00:00:00
Enforcement Dt: Not reported
Release Date: 1991-03-13 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: JAMES EADS (PROPERTY OWNER)
RP Address: 1226 EAST WASHINGTON ST.
Interim: Not reported
Oversight Prgm: LOCNL
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: UNA
Staff Initials: NS
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: 7
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMES EADS (Continued)

S104750826

Local Case #: H25931-001
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

San Diego Co. HMMD:

Facility ID: 125931
Inactive Indicator: Active
Business Code: Not reported
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported
Mailing Address: 130 E MAIN ST A-94
Mailing City, St, Zip: MEDFORD, OR 17501
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Not reported
Census Tract Number: 162
EPA ID: Not reported
Gas Station: Not reported
Inspection Date: Not reported
Reinspection Date: Not reported
Inspector Name: Not reported
Violation Notice Issued: Not reported
Facility Contact: Not reported
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: Not reported
Property Address: Not reported
Property City, St, Zip: Not reported
Tank Owner: Not reported
Tank Address: Not reported
Tank City, St, Zip: Not reported
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: Not reported
Facility Phone: Not reported

HMMD DISCLOSURE INVENTORY:

Item Number: Not reported
Chemical Name: Not reported
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMES EADS (Continued)

S104750826

Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: Not reported
Tank ID Number: Not reported
Waste or Product: Not reported
Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: Not reported
Waste Code: Not reported
Type of Violation: Not reported
Occurrences: Not reported
Item Number: Not reported
Violation Desc: Not reported

HMMD WASTE STREAMS:

Inspection Date: Not reported
Waste Item #: Not reported
Waste Code: Not reported
Waste Name: Not reported
Qty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: Not reported
Annual Qty String: Not reported
Measurement Unit: Not reported
Treatment Method: Not reported
Storage Method: Not reported
Haz Waste Hauler: Not reported
Waste Desc: Not reported
Carcinogen: No

SAN DIEGO CO. SAM:

Case Number: H25931-001
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
FType: Soils Only
FStatus: Closed Case
Date: 8/10/1992
Begandt: 3/13/1991

23
NW
1/8-1/4
0.231 mi.
1220 ft.

A & I SERVICES INC
8665 ARGENT ST STE A
SANTEE, CA 92071

DRYCLEANERS **S105266668**
N/A

Relative:
Higher

CLEANERS:

EPA Id: CAL000225031
NAICS Code: 56174
NAICS Description: Carpet and Upholstery Cleaning Services
Create Date: 8/14/2001
Facility Active: Yes

Actual:
407 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A & I SERVICES INC (Continued)

S105266668

Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8665 ARGENT ST STE A
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 920710000
Region Code: 4
Owner Name: A & I SERVICES INC
Owner Address: 8665 ARGENT ST STE A
Owner Address 2: Not reported
Owner Telephone: Not reported
Owner Fax Number: Not reported
Contact Name: CHRISTIE MACKIN
Contact Address: =L
Contact Address 2: Not reported
Contact Telephone: 6195967016
Contact Fax Number: Not reported
SIC Description: 7217 Carpet and Upholstery Cleaning

**E24
NE
1/8-1/4
0.242 mi.
1278 ft.**

**AMERICAN FENCE CO OF CALIF INC
9944 PROSPECT AVE
SANTEE, CA 92071**

**SWEEPS UST S106922631
N/A**

Site 1 of 3 in cluster E

**Relative:
Lower**

SWEEPS UST:

**Actual:
353 ft.**

Status: Not reported
Comp Number: 2155
Number: Not reported
Board Of Equalization: 44-021648
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-002155-000001
Actv Date: Not reported
Capacity: 4000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

Status: A
Comp Number: 2155
Number: 9
Board Of Equalization: 44-021648
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN FENCE CO OF CALIF INC (Continued)

S106922631

Content: Not reported
Number Of Tanks: Not reported

**E25
NE
1/8-1/4
0.250 mi.
1318 ft.**

**JACK CANTFIELD
9959 PROSPECT AV
SANTEE, CA 92071

Site 2 of 3 in cluster E**

**LUST
San Diego Co. HMMD
SAN DIEGO CO. SAM**

**S104746291
N/A**

**Relative:
Lower**

LUST:

**Actual:
353 ft.**

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0607302014
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-06-12 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: Not reported
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: Not reported
Contact Person: Not reported
Responsible Party: JACK CANFIELD
RP Address: 19815 EXPLORER RD
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: UNA
Staff Initials: DF
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK CANTFIELD (Continued)

S104746291

Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 7
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H05996-001
Case Number: 9UT3260
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

San Diego Co. HMMD:

Facility ID: 105996
Inactive Indicator: Active
Business Code: 6HK26
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported
Mailing Address: 9959 PROSPECT AV
Mailing City,St,Zip: SANTEE, CA 92071
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Not reported
Census Tract Number: 162
EPA ID: CAL000021331
Gas Station: Not reported
Inspection Date: 01/31/91
Reinspection Date: Not reported
Inspector Name: LEGACY
Violation Notice Issued: Not reported
Facility Contact: JACK CANTFIELD
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: Not reported
Property Address: Not reported
Property City,St,Zip: Not reported
Tank Owner: Not reported
Tank Address: Not reported
Tank City,St,Zip: Not reported
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: Not reported
Facility Phone: 449-9222

HMMD DISCLOSURE INVENTORY:

Item Number: Not reported
Chemical Name: Not reported
Case Number: Not reported
Quantity Stored At One Time: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK CANTFIELD (Continued)

S104746291

Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: AT3597
Waste or Product: Not reported
Tank Contents: DIESEL

Tank Number: T002
Tank ID Number: AT3597
Waste or Product: Not reported
Tank Contents: LEADED

HMMD VIOLATIONS:

Inspection Date: Not reported
Waste Code: Not reported
Type of Violation: Not reported
Occurrences: Not reported
Item Number: Not reported
Violation Desc: Not reported

HMMD WASTE STREAMS:

Inspection Date: Not reported
Waste Item #: Not reported
Waste Code: Not reported
Waste Name: Not reported
Qty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: Not reported
Annual Qty String: Not reported
Measurement Unit: Not reported
Treatment Method: Not reported
Storage Method: Not reported
Haz Waste Hauler: Not reported
Waste Desc: Not reported
Carcinogen: No

Facility ID: 134572
Inactive Indicator: Active
Business Code: 6HK70
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported
Mailing Address: P.O. BOX 711539
Mailing City,St,Zip: SANTEE, CA 92072
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Santee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK CANTFIELD (Continued)

S104746291

Census Tract Number: 162
EPA ID: CAL000033940
Gas Station: Not reported
Inspection Date: 05/01/03
Reinspection Date: Not reported
Inspector Name: MEHRHART
Violation Notice Issued: Not reported
Facility Contact: CHARLES WEST
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: ANGUS FAMILY TRUST 05-23-00
Property Address: P O BOX 711539
Property City,St,Zip: 92072
Tank Owner: Not reported
Tank Address: Not reported
Tank City,St,Zip: Not reported
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: 11/01/04
Facility Phone: 619-562-8201

HMMD DISCLOSURE INVENTORY:

Item Number: AC29
Chemical Name: ACETYLENE GAS
Case Number: 74-86-2
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

Item Number: AS81
Chemical Name: ASPHELT, CUT BACK ROAD ASPHALT & SEALERS
Case Number: 8502-42-2
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: CHRONIC

Item Number: DI26
Chemical Name: DIESEL
Case Number: 68476-34-6
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK CANTFIELD (Continued)

S104746291

2nd Hazard Category: CHRONIC

Item Number: OI27
Chemical Name: OIL, LUBRICATING VARIOUS 40W, ATF, HYDRAULIC
Case Number: 8002-05-9
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: CHRONIC

Item Number: OX28
Chemical Name: OXYGEN GAS
Case Number: 7782-44-7
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

HMMD UNDERGROUND TANKS:

Tank Number: Not reported
Tank ID Number: Not reported
Waste or Product: Not reported
Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: 07/12/99
Waste Code: Not reported
Type of Violation: 6HV0301
Occurrences: Not reported
Item Number: 6224
Violation Desc: HAZWASTE:UNAUTHORIZED DISPOSAL

Inspection Date: 07/12/99
Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 6225
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 07/12/99
Waste Code: Not reported
Type of Violation: 6HV0201
Occurrences: Not reported
Item Number: 6226
Violation Desc: WASTE CONTAINER NOT CLOSED

Inspection Date: 07/12/99
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK CANTFIELD (Continued)

S104746291

Type of Violation: 6HV1003
Occurrences: Not reported
Item Number: 6227
Violation Desc: HMBP NOT AMENDED W/IN 30 DAYS

Inspection Date: 03/27/01
Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 3661
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 03/27/01
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 3662
Violation Desc: TRAINING RECORDS UNAVAILABLE

Inspection Date: 05/01/03
Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 9763
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 05/01/03
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 9764
Violation Desc: TRAINING RECORDS UNAVAILABLE

Inspection Date: 05/01/03
Waste Code: Not reported
Type of Violation: 6HV1011
Occurrences: Not reported
Item Number: 9765
Violation Desc: TRAINING RECORDS NOT AVAILABLE

HMMD WASTE STREAMS:

Inspection Date: 05/01/03
Waste Item #: 221
Waste Code: 221
Waste Name: WASTE OIL & MIXED OI
Qty at Inspection: 550
Quantity String: 550
Annual Qty: 1000
Annual Qty String: 1000
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: METAL DRUM
Haz Waste Hauler: 0015 ASBURY ENVIR. SERVIC
Waste Desc: Not reported
Carcinogen: No

Inspection Date: 05/01/03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK CANTFIELD (Continued)

S104746291

Waste Item #: 451
Waste Code: 451
Waste Name: DEGREASING SLUDGE
Qty at Inspection: 650
Quantity String: 650
Annual Qty: 650
Annual Qty String: 650
Measurement Unit: GAL
Treatment Method: 007 INCINERATION
Storage Method: PROCESSING EQUIPMENT
Haz Waste Hauler: 2570 ALTERNATIVE DISPOSAL
Waste Desc: NEW UNIT/NO DISPOSALS
Carcinogen: No

Inspection Date: 05/01/03
Waste Item #: 888
Waste Code: 888
Waste Name: USED OIL FILTERS
Qty at Inspection: 55
Quantity String: 55
Annual Qty: 55
Annual Qty String: 55
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: METAL DRUM
Haz Waste Hauler: 0015 ASBURY ENVIR. SERVIC
Waste Desc: Not reported
Carcinogen: No

SAN DIEGO CO. SAM:

Case Number: H05996-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Soils Only
FStatus: Closed Case
Date: 6/12/1997
Begandt: 4/8/1996

**E26
NE
1/8-1/4
0.250 mi.
1318 ft.**

**JACK CANFIELD
9959 PROSPECT AVE
SANTEE, CA 92071**

Site 3 of 3 in cluster E

**LUST S100727207
Cortese N/A
SWEEPS UST**

**Relative:
Lower**

LUST:

**Actual:
353 ft.**

Region: 9
Case Number: 9UT3260
Local Agency: San Diego
Substance: Diesel
Qty Leaked: 0
Date Found: 04/08/1996
How Found: Tank Closure
Date Stopped: 04/08/1996
How Stopped: Close Tank
Source: Tank
Cause: Corrosion

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK CANFIELD (Continued)

S100727207

Lead Agency: Local Agency
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Abate Method: No Action Required - incident is minor, requiring no remedial action
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 10/08/1996
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported
Enforce Date: Not reported
Closed Date: 6/12/97
Pilot Program: LOP
Local Case: H05996-001
Basin Number: 907.13
Gwater Depth: 9'+
Beneficial Use: MUNBU
NPDES Number: Not reported
priority: 3
File Dispn: Administratively opened on database, however no file physically exists
Release Date: 04/08/1996
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 9959 PROSPECT AVE

SWEEPS UST:

Status: A
Comp Number: 5996
Number: 9
Board Of Equalization: 44-022313
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-005996-000001
Actv Date: Not reported
Capacity: 777
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: 2

Status: A
Comp Number: 5996
Number: 9
Board Of Equalization: 44-022313
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACK CANFIELD (Continued)

S100727207

Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-005996-000002
Actv Date: Not reported
Capacity: 777
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

**F27
ENE
1/4-1/2
0.354 mi.
1869 ft.**

**JOHN SWARTZ
10042 PROSPECT AVE
SANTEE, CA 92071
Site 1 of 2 in cluster F**

**HAZNET S102431960
LUST N/A
Cortese
SWEEPS UST**

**Relative:
Lower**

HAZNET:

Gepaid: CAL000271077
Contact: MARK MACNEIL
Telephone: 6195623933
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10042 PROSPECT AVE
Mailing City,St,Zip: SANTEE, CA 92071
Gen County: San Diego
TSD EPA ID: CAD008252405
TSD County: San Diego
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.08
Facility County: San Diego

**Actual:
356 ft.**

Gepaid: CAL000271077
Contact: MARK MACNEIL
Telephone: 6195623933
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10042 PROSPECT AVE
Mailing City,St,Zip: SANTEE, CA 92071
Gen County: San Diego
TSD EPA ID: CAD008252405
TSD County: San Diego
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: 0.08
Facility County: San Diego

LUST:

Region: 9
Case Number: 9UT865
Local Agency: San Diego
Substance: Waste Oil
Qty Leaked: 0
Date Found: 12/22/1987
How Found: Tank Closure
Date Stopped: 12/22/1987
How Stopped: Close Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN SWARTZ (Continued)

S102431960

Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Soil only
Status: Case Closed
Abate Method: Not reported
Confirm Date: 12/22/1987
Submit Workplan: Not reported
Prelim Assess: 12/22/1987
Desc Pollution: Not reported
Remed Plan: 03/31/1988
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported
Enforce Date: Not reported
Closed Date: 4/18/88
Pilot Program: LOP
Local Case: H16238-001
Basin Number: 907.13
Gwater Depth: 12
Beneficial Use: Not reported
NPDES Number: Not reported
priority: 3
File Dispn: File discarded, case closed
Release Date: 12/22/1987
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 10042 PROSPECT AVE

SWEEPS UST:

Status: Not reported
Comp Number: 16238
Number: Not reported
Board Of Equalization: 44-022949
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-016238-000001
Actv Date: Not reported
Capacity: 5000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: OTHER
Number Of Tanks: 3

Status: Not reported
Comp Number: 16238
Number: Not reported
Board Of Equalization: 44-022949
Ref Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN SWARTZ (Continued)

S102431960

Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-016238-000002
Actv Date: Not reported
Capacity: 5000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 16238
Number: Not reported
Board Of Equalization: 44-022949
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-016238-000003
Actv Date: Not reported
Capacity: 2000
Tank Use: PETROLEUM
Stg: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 16238
Number: 9
Board Of Equalization: 44-022949
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

F28
ENE
1/4-1/2
0.354 mi.
1869 ft.

THE DYNO SHOP
10042 PROSPECT AV
SANTEE, CA 92071
Site 2 of 2 in cluster F

LUST
San Diego Co. HMMD
SAN DIEGO CO. SAM

S104748568
N/A

Relative:
Lower

LUST:
Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported

Actual:
356 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE DYNO SHOP (Continued)

S104748568

How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0607303110
Stop Date: 1987-12-22 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1988-04-18 00:00:00
Discover Date: 1987-12-22 00:00:00
Enforcement Dt: Not reported
Release Date: 1987-12-22 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: UNA
Staff Initials: DF
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 7
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H16238-001
Case Number: 9UT865
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE DYNO SHOP (Continued)

S104748568

Summary: Not reported

San Diego Co. HMMD:

Facility ID: 116238
Inactive Indicator: Active
Business Code: 6HK26
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported
Mailing Address: 10042 PROSPECT AV
Mailing City,St,Zip: SANTEE, CA 92071
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Santee
Census Tract Number: 166.1
EPA ID: CAL000020579
Gas Station: Not reported
Inspection Date: 09/23/04
Reinspection Date: Not reported
Inspector Name: KWAARA
Violation Notice Issued: Not reported
Facility Contact: RANDY FIRE
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: FISCHER PAUL&CYNTHIA FAMILY TR
Property Address: 10042 PROSPECT AVE
Property City,St,Zip: 92071
Tank Owner: J & G SWARTZ INC
Tank Address: 10042 PROSPECT AV
Tank City,St,Zip: Santee, CA 92071
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: 03/23/06
Facility Phone: 619-562-3933

HMMD DISCLOSURE INVENTORY:

Item Number: AR50
Chemical Name: ARGON/ CARBON DIOXIDE GAS
Case Number: 124-38-9
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: ACUTE

Item Number: OI48
Chemical Name: OIL, LUBRICATING (MOTOR OIL) 15W-40; ATF, 80W
Case Number: 8002-05-9
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE DYNO SHOP (Continued)

S104748568

Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: OX49
Chemical Name: OXYGEN GAS:
Case Number: 7782-44-7
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

Item Number: PE69
Chemical Name: PETROLEUM DISTILLATES RACING FUEL
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: 1
Waste or Product: Not reported
Tank Contents: DIESEL

Tank Number: T002
Tank ID Number: 2
Waste or Product: Not reported
Tank Contents: DIESEL

Tank Number: T003
Tank ID Number: 3
Waste or Product: Not reported
Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: 01/23/98
Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 0712
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 01/23/98
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE DYNO SHOP (Continued)

S104748568

Type of Violation: 6HV0201
Occurrences: Not reported
Item Number: 0713
Violation Desc: WASTE CONTAINER NOT CLOSED

Inspection Date: 01/23/98
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 0714
Violation Desc: TRAINING RECORDS UNAVAILABLE

Inspection Date: 01/23/98
Waste Code: Not reported
Type of Violation: 6HV1096
Occurrences: Not reported
Item Number: 0715
Violation Desc: NO EMPLOYEE TRAINING RECORDS

Inspection Date: 03/27/01
Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 3637
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 03/27/01
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 3638
Violation Desc: TRAINING RECORDS UNAVAILABLE

Inspection Date: 03/27/01
Waste Code: Not reported
Type of Violation: 6HV1003
Occurrences: Not reported
Item Number: 3639
Violation Desc: HMBP NOT AMENDED W/IN 30 DAYS

Inspection Date: 03/27/01
Waste Code: Not reported
Type of Violation: 6HV1096
Occurrences: Not reported
Item Number: 3640
Violation Desc: NO EMPLOYEE TRAINING RECORDS

Inspection Date: 03/18/03
Waste Code: Not reported
Type of Violation: 6HV0135
Occurrences: Not reported
Item Number: 8462
Violation Desc: MANIFESTS/RECEIPTS NO ONSITE

Inspection Date: 03/18/03
Waste Code: Not reported
Type of Violation: 6HV0215

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE DYNO SHOP (Continued)

S104748568

Occurrences: Not reported
Item Number: 8463
Violation Desc: OIL FILTERS IMPROPERLY MANAGED

HMMD WASTE STREAMS:

Inspection Date: 09/23/04
Waste Item #: 221
Waste Code: 221
Waste Name: WASTE OIL & MIXED OI
Qty at Inspection: 250
Quantity String: 250
Annual Qty: 500
Annual Qty String: 500
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: ABVG TNK
Haz Waste Hauler: 0015 ASBURY ENVIRONMENTAL
Waste Desc: * / ASBURY
Carcinogen: No

Inspection Date: 09/23/04
Waste Item #: 223
Waste Code: 223
Waste Name: UNSPEC OIL CONTAININ
Qty at Inspection: 15
Quantity String: 15
Annual Qty: 15
Annual Qty String: 15
Measurement Unit: GAL
Treatment Method: 999 UNKNOWN
Storage Method: PROCESSING EQUIPMENT
Haz Waste Hauler: 0015 ASBURY ENVIRONMENTAL
Waste Desc: PRTS CLNR-ULT SND,WTR BSD
Carcinogen: No

Inspection Date: 09/23/04
Waste Item #: 342
Waste Code: 342
Waste Name: ORGANIC LIQUIDS W/ME
Qty at Inspection: 55
Quantity String: 55
Annual Qty: 110
Annual Qty String: 110
Measurement Unit: GAL
Treatment Method: 102 ON SITE RECYCLIN
Storage Method: PLASTIC DRUM
Haz Waste Hauler: 0001 NO HAULER
Waste Desc: ANTFRZ RCYLD ONSTE BY EAP
Carcinogen: No

Inspection Date: 09/23/04
Waste Item #: 444
Waste Code: 444
Waste Name: USED BATTERIES
Qty at Inspection: 150
Quantity String: 150
Annual Qty: 150

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE DYNO SHOP (Continued)

S104748568

Annual Qty String: 150
Measurement Unit: LBS
Treatment Method: 444 BATTERIES RECYCL
Storage Method: NONE
Haz Waste Hauler: 9998 UNKNOWN HAZ WST HAUL
Waste Desc: INTERSTATE BATTERY
Carcinogen: No

Inspection Date: 09/23/04
Waste Item #: 888
Waste Code: 888
Waste Name: USED OIL FILTERS
Qty at Inspection: 200
Quantity String: 200
Annual Qty: 400
Annual Qty String: 400
Measurement Unit: LBS
Treatment Method: 888 FILTERS/METAL RE
Storage Method: METAL DRUM
Haz Waste Hauler: 9997 UNREGISTERED HAZ WST
Waste Desc: VORTEX
Carcinogen: No

SAN DIEGO CO. SAM:

Case Number: H16238-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - State Fund
FType: Soils Only
FStatus: Closed Case
Date: 4/18/1988
Begandt: 12/22/1987

29
North
1/4-1/2
0.356 mi.
1881 ft.

CIRCLE K STORE #2957
8733 CUYAMACA ST
SANTEE, CA 92071

Relative:
Lower

RCRA-SQG 1000174100
FINDS CAD981681281
LUST
Cortese
San Diego Co. HMMD
HIST UST
SWEEPS UST
SAN DIEGO CO. SAM

Actual:
350 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: CIRCLE K STORE #2957
Facility address: 8733 CUYAMACA ST
SANTEE, CA 92071
EPA ID: CAD981681281
Mailing address: 5811 MANZANITA AVE
CARMICHAEL, CA 95608
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2957 (Continued)

1000174100

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CIRCLE K CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 10/16/1986
Facility name: CIRCLE K STORE #2957
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2957 (Continued)

1000174100

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported
Funding: NOR
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0607301219
Stop Date: 1993-03-30 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1996-09-26 00:00:00
Discover Date: 1993-03-30 00:00:00
Enforcement Dt: Not reported
Release Date: 1993-03-30 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: ATTN: MYRON SMITH, MNGR. ENVR.
RP Address: 4343 E CAMEL BACK RD, #216
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: UNA
Staff Initials: ML
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2957 (Continued)

1000174100

Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 5
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H20816-002
Case Number: 9UT2461
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

Region: STATE
Case Type: Undefined
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608131378
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1988-06-03 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: Not reported
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: Not reported
Contact Person: Not reported
Responsible Party: D. CRAIG CARPENTER
RP Address: 5811 MANZANITA AV
Interim: Not reported
Oversight Prgm: LOCNL
MTBE Class: *
MTBE Conc: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2957 (Continued)

1000174100

MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: UNA
Staff Initials: MV
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: FAILED PRECISION TEST
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H20816-001
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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: 9
Case Number: 9UT2461
Local Agency: San Diego
Substance: Gasoline
Qty Leaked: Not reported
Date Found: 03/30/1993
How Found: Tank Closure
Date Stopped: 03/30/1993
How Stopped: Close Tank
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Other ground water affected
Status: Case Closed
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Confirm Date: 04/16/1993
Submit Workplan: 3/30/93
Prelim Assess: 03/30/1993
Desc Pollution: 12/15/94
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported
Enforce Date: Not reported
Closed Date: 9/19/96
Pilot Program: LOP
Local Case: H20816-002
Basin Number: 907.13
Gwater Depth: 15'
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
priority: LOP/MODERATE - POTENTIAL HEALTH/SAFETY/ENVIRONMENTAL IMPACT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2957 (Continued)

1000174100

File Dispn: File discarded, case closed
Release Date: 04/20/1993
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 8733 CUYAMACA ST

San Diego Co. HMMD:

Facility ID: 120816
Inactive Indicator: Active
Business Code: Not reported
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: ENVIRONMENTAL DEPT
Mailing Address: PO BOX 52084
Mailing City,St,Zip: PHOENIX, AZ 85072
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Not reported
Census Tract Number: 166
EPA ID: Not reported
Gas Station: Not reported
Inspection Date: 01/16/92
Reinspection Date: Not reported
Inspector Name: LEGACY
Violation Notice Issued: Not reported
Facility Contact: JIM STOGSGILL
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: Not reported
Property Address: Not reported
Property City,St,Zip: Not reported
Tank Owner: TIC TOC SYSTEMS INC
Tank Address: 1601 N 07TH ST
Tank City,St,Zip: Phoenix, AZ 85006
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: Not reported
Facility Phone: 619-562-6394

HMMD DISCLOSURE INVENTORY:

Item Number: Not reported
Chemical Name: Not reported
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2957 (Continued)

1000174100

2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: 1 LEADED
Waste or Product: Not reported
Tank Contents: REGULAR UNLEADED

Tank Number: T002
Tank ID Number: 2 UNLEADED
Waste or Product: Not reported
Tank Contents: REGULAR UNLEADED

Tank Number: T003
Tank ID Number: 3 PREMIUM
Waste or Product: Not reported
Tank Contents: PREMIUM UNLEADED

HMMD VIOLATIONS:

Inspection Date: 01/16/92
Waste Code: Not reported
Type of Violation: 6HV0402
Occurrences: Not reported
Item Number: 8270
Violation Desc: TRAINING PROGRAM NOT ADEQUATE

Inspection Date: 01/16/92
Waste Code: Not reported
Type of Violation: 6HX0062
Occurrences: Not reported
Item Number: 8271
Violation Desc: NO UST OWNER OPERATOR AGREEMENT

Inspection Date: 07/03/90
Waste Code: Not reported
Type of Violation: 6HV0498
Occurrences: Not reported
Item Number: 7408
Violation Desc: UNTRAINED PERSON UNSUPERVISED

Inspection Date: 07/03/90
Waste Code: Not reported
Type of Violation: 6HV0499
Occurrences: Not reported
Item Number: 7409
Violation Desc: NO EMPLOYEE TRAINING FOR ER RESPONSE

Inspection Date: 07/03/90
Waste Code: Not reported
Type of Violation: 6HV1002
Occurrences: Not reported
Item Number: 7410
Violation Desc: HMBP NOT ESTABLISHED/IMPLEMENTED.

HMMD WASTE STREAMS:

Inspection Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2957 (Continued)

1000174100

Waste Item #: Not reported
Waste Code: Not reported
Waste Name: Not reported
Qty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: Not reported
Annual Qty String: Not reported
Measurement Unit: Not reported
Treatment Method: Not reported
Storage Method: Not reported
Haz Waste Hauler: Not reported
Waste Desc: Not reported
Carcinogen: No

HIST UST:

Region: STATE
Facility ID: 00000013668
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: KEN ZIMMERMAN
Telephone: 6194489717
Owner Name: CIRCLE K CORPORATION
Owner Address: 4500 SOUTH 40TH STREET
Owner City,St,Zip: PHOENIX, AZ 85040

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:

Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2957 (Continued)

1000174100

Comp Number: 20816
Number: 9
Board Of Equalization: 44-022104
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020816-000001
Actv Date: Not reported
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 20816
Number: 9
Board Of Equalization: 44-022104
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020816-000002
Actv Date: Not reported
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 20816
Number: 9
Board Of Equalization: 44-022104
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020816-000003
Actv Date: Not reported
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

SAN DIEGO CO. SAM:

Case Number: H20816-001
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
FType: Failed Integrity Test
FStatus: Closed Case
Date: 6/3/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2957 (Continued)

1000174100

Begandt: 9/16/1987

Case Number: H20816-002
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Closed Case
Date: 9/26/1996
Begandt: 3/30/1993

**30
ESE
1/4-1/2
0.405 mi.
2138 ft.**

**EL CAJON FLYING SERVICE
1825 N MARSHALL AVE
EL CAJON, CA 92020**

**RCRA-SQG
FINDS
HAZNET
LUST
Cortese
HIST UST**

**1000166425
CAD981386899**

**Relative:
Higher**

RCRA-SQG:

**Actual:
363 ft.**

Date form received by agency: 02/11/1986
Facility name: EL CAJON FLYING SERVICE
Facility address: 1825 N MARSHALL AVE
EL CAJON, CA 92020

EPA ID: CAD981386899
Contact: ENVIRONMENTAL MANAGER
Contact address: 1825 N MARSHALL AVE
EL CAJON, CA 92020

Contact country: US
Contact telephone: (619) 448-8000
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: EL CAJON FLYING SERVICE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL CAJON FLYING SERVICE (Continued)

1000166425

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD981386899
Contact: EL CAJON FLYING SERVICE
Telephone: 6194488000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1825 N MARSHALL AVE
Mailing City,St,Zip: EL CAJON, CA 920201122
Gen County: San Diego
TSD EPA ID: CAT080033681
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: .0150
Facility County: San Diego

Gepaid: CAD981386899
Contact: EL CAJON FLYING SERVICE
Telephone: 6194488000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1825 N MARSHALL AVE
Mailing City,St,Zip: EL CAJON, CA 920201122
Gen County: San Diego
TSD EPA ID: CAT080033681
TSD County: Los Angeles

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL CAJON FLYING SERVICE (Continued)

1000166425

Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: .0920
Facility County: San Diego

LUST:

Region: 9
Case Number: 9UT1439
Local Agency: San Diego
Substance: Premium Gasoline
Qty Leaked: 0
Date Found: 03/08/1989
How Found: Tank Closure
Date Stopped: 03/08/1989
How Stopped: Close Tank
Source: Other Source
Cause: Overfill
Lead Agency: Local Agency
Case Type: Drinking Water Aquifer affected
Status: Preliminary site assessment underway
Abate Method: Not reported
Confirm Date: 03/08/1989
Submit Workplan: Not reported
Prelim Assess: 10/04/1989
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported
Enforce Date: Not reported
Closed Date: Not reported
Pilot Program: LOP
Local Case: H03646-001
Basin Number: 907.13
Gwater Depth: 14'
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
priority: LOP/HIGH - DRINKING WATER IMPACT
File Disp: Not reported
Release Date: 03/08/1989
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 1825 MARSHALL AVE N

HIST UST:

Region: STATE
Facility ID: 00000011157
Facility Type: Gas Station
Other Type: AIRCRAFT-F.B.O.
Total Tanks: 0003
Contact Name: ROBERT A DENNIS (PRES)
Telephone: 6194488000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL CAJON FLYING SERVICE (Continued)

1000166425

Owner Name: EL CAJON FLYING SERVICE INC
Owner Address: 1825 NO MARSHALL AVE
Owner City,St,Zip: EL CAJON, CA 92020

Tank Num: 001
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: #2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: Not reported

Tank Num: 003
Container Num: #3
Year Installed: Not reported
Tank Capacity: 00000600
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

31
North
1/4-1/2
0.445 mi.
2351 ft.

HARRISON TRUCKING INC
8801 OLIVE LN
SANTEE, CA 92071

Relative:
Lower

Actual:
343 ft.

RCRA-SQG:

Date form received by agency: 03/10/2000
Facility name: HARRISON TRUCKING INC
Facility address: 8801 OLIVE LN
SANTEE, CA 92071
EPA ID: CAR000067454
Contact: HAL HARRISON
Contact address: 8801 OLIVE LN
SANTEE, CA 92071

Contact country: US
Contact telephone: (619) 449-0840
Contact email: Not reported
EPA Region: 09

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

RCRA-SQG
FINDS
HAZNET
LUST
Cortese
UST
San Diego Co. HMMD
SWEEPS UST
SAN DIEGO CO. SAM

1001967327
CAR000067454

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: HARRISON NICHOLS
Owner/operator address: 8801 OLIVE LN
SANTEE, CA 92071
Owner/operator country: Not reported
Owner/operator telephone: (619) 449-0840
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAR000067454
Contact: HAL HARRISON-PRESIDENT
Telephone: 6194490840
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8801 OLIVE LN
Mailing City,St,Zip: SANTEE, CA 920714139
Gen County: San Diego
TSD EPA ID: CAT080033681
TSD County: San Diego
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.15
Facility County: San Diego

Gepaid: CAR000067454
Contact: HAL HARRISON-PRESIDENT
Telephone: 6194490840
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8801 OLIVE LN
Mailing City,St,Zip: SANTEE, CA 920714139
Gen County: San Diego
TSD EPA ID: CAT080033681
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.4
Facility County: Not reported

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported
Funding: NOR
How Discovered: Not reported
How Stopped: NPP
Leak Cause: Unknown
Leak Source: Unknown
Global Id: T0607302606
Stop Date: 1999-02-03 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2006-12-28 00:00:00
Discover Date: 1999-02-03 00:00:00
Enforcement Dt: Not reported
Release Date: 1999-02-23 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: HAL HARRISON
RP Address: 8801 OLIVE LN
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: UNA
Staff Initials: DM
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 4
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H20831-001
Case Number: 9UT3848
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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: 9
Case Number: 9UT3848
Local Agency: San Diego
Substance: Gasoline
Qty Leaked: 0
Date Found: 02/03/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

How Found: Other Means
Date Stopped: 02/03/1999
How Stopped: Other Means
Source: Piping
Cause: Unknown
Lead Agency: Local Agency
Case Type: Soil only
Status: Preliminary site assessment underway
Abate Method: Not reported
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 03/01/1999
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported
Enforce Date: Not reported
Closed Date: Not reported
Pilot Program: LOP
Local Case: H20831-001
Basin Number: 907.13
Gwater Depth: >6'
Beneficial Use: MUNBU
NPDES Number: Not reported
priority: Not reported
File Dispn: Administratively opened on database, however no file physically exists
Release Date: 02/23/1999
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 8801 OLIVE LN

UST:
Local Agency: 37000
Facility ID: H20831

San Diego Co. HMMD:
Facility ID: 120831
Inactive Indicator: Active
Business Code: 6HK24
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported
Mailing Address: 8801 OLIVE LN
Mailing City,St,Zip: SANTEE, CA 92071
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: Santee
Census Tract Number: 166.1
EPA ID: CAR000067454
Gas Station: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

Inspection Date: 10/26/04
Reinspection Date: Not reported
Inspector Name: KWAARA
Violation Notice Issued: Not reported
Facility Contact: SUSANNE HARRISON
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: HARRISON NICHOLS CO LTD
Property Address: 8801 OLIVE LN
Property City,St,Zip: 92071
Tank Owner: HARRISON TRUCKING
Tank Address: 8801 N OLIVE LN
Tank City,St,Zip: Santee, CA 92071
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: 10/26/05
Facility Phone: 619-449-0840

HMMD DISCLOSURE INVENTORY:

Item Number: AR35
Chemical Name: ARGON
Case Number: 7440-37-1
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: ACUTE

Item Number: DI46
Chemical Name: DIESEL UNDERGROUND TANK 120831 T005 DIESEL
Case Number: 68476-34-6
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: Not reported

Item Number: DI47
Chemical Name: DIESEL UNDERGROUND TANK 120831 T006 DIESEL
Case Number: 68476-34-6
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: Not reported

Item Number: LU37

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

Chemical Name: LUBRICATING OIL (15W40 80W90 85W140 220 G EACH)
Case Number: 8002-05-9
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: OX34
Chemical Name: OXYGEN/ACET
Case Number: 7782-44-7
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: ACUTE

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: 1
Waste or Product: Not reported
Tank Contents: DIESEL

Tank Number: T002
Tank ID Number: 2
Waste or Product: Not reported
Tank Contents: DIESEL

Tank Number: T003
Tank ID Number: 3
Waste or Product: Not reported
Tank Contents: PREMIUM UNLEADED

Tank Number: T005
Tank ID Number: 001 DIESEL
Waste or Product: Not reported
Tank Contents: DIESEL

Tank Number: T006
Tank ID Number: 002 DIESEL
Waste or Product: Not reported
Tank Contents: DIESEL

Tank Number: T007
Tank ID Number: 003 REGULA
Waste or Product: Not reported
Tank Contents: REGULAR UNLEADED

HMMD VIOLATIONS:

Inspection Date: 03/13/02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 5506
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 07/25/03
Waste Code: Not reported
Type of Violation: 6HV1601
Occurrences: Not reported
Item Number: 2673
Violation Desc: HAZWASTE TANKS W/O P.E. ASSESSMENT

Inspection Date: 10/26/04
Waste Code: Not reported
Type of Violation: 6HV3262
Occurrences: Not reported
Item Number: 6024
Violation Desc: SEC CONT PIPING DRAINAGE OBSTRUCTED

Inspection Date: 10/26/04
Waste Code: Not reported
Type of Violation: 6HV3262
Occurrences: Not reported
Item Number: 6025
Violation Desc: SEC CONT PIPING DRAINAGE OBSTRUCTED

HMMD WASTE STREAMS:

Inspection Date: 10/26/04
Waste Item #: 213
Waste Code: 213
Waste Name: HYDROCARBON SOLVENTS
Qty at Inspection: 26
Quantity String: 26
Annual Qty: 450
Annual Qty String: 450
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: PROCESSING EQUIPMENT
Haz Waste Hauler: 1406 SAFETY-KLEEN
Waste Desc: Not reported
Carcinogen: No

Inspection Date: 10/26/04
Waste Item #: 221
Waste Code: 221
Waste Name: WASTE OIL & MIXED OI
Qty at Inspection: 490
Quantity String: 490
Annual Qty: 1960
Annual Qty String: 1960
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: ABVG TNK
Haz Waste Hauler: 0015 ASBURY ENVIR. SERVIC
Waste Desc: Not reported
Carcinogen: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

Inspection Date: 10/26/04
Waste Item #: 444
Waste Code: 444
Waste Name: USED BATTERIES
Qty at Inspection: 50
Quantity String: 50
Annual Qty: 500
Annual Qty String: 500
Measurement Unit: LBS
Treatment Method: 444 BATTERIES RECYCL
Storage Method: WASTE PILE
Haz Waste Hauler: 3327 INTERSTATE ENVIRONME
Waste Desc: Not reported
Carcinogen: No

Inspection Date: 10/26/04
Waste Item #: 888
Waste Code: 888
Waste Name: USED OIL FILTERS
Qty at Inspection: 55
Quantity String: 55
Annual Qty: 110
Annual Qty String: 110
Measurement Unit: GAL
Treatment Method: 888 FILTERS/METAL RE
Storage Method: METAL DRUM
Haz Waste Hauler: 9998 UNKNOWN HAZ WST HAUL
Waste Desc: VORTEX
Carcinogen: No

SWEEPS UST:

Status: Not reported
Comp Number: 20831
Number: Not reported
Board Of Equalization: 44-023343
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020831-000001
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 20831
Number: Not reported
Board Of Equalization: 44-023343
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020831-000002
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 20831
Number: Not reported
Board Of Equalization: 44-023343
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020831-000003
Actv Date: Not reported
Capacity: 2000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 20831
Number: 9
Board Of Equalization: 44-023343
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020831-000005
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: OTHER
Number Of Tanks: 3

Status: A
Comp Number: 20831
Number: 9
Board Of Equalization: 44-023343
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020831-000006
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRISON TRUCKING INC (Continued)

1001967327

Content: OTHER
Number Of Tanks: Not reported

Status: A
Comp Number: 20831
Number: 9
Board Of Equalization: 44-023343
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-020831-000007
Actv Date: Not reported
Capacity: 2000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

SAN DIEGO CO. SAM:

Case Number: H20831-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Closed Case
Date: 12/28/2006
Begandt: 2/3/1999

G32
East
1/4-1/2
0.489 mi.
2582 ft.

USDOJ INS BORDER PATROL STATION
225 KENNEY
EL CAJON, CA 92020

CERCLIS **1000105067**
RCRA-SQG **CA4151590219**
FINDS

Site 1 of 4 in cluster G

Relative:
Higher

CERCLIS:
Site ID: 0903429
Federal Facility: Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Fed Fac Preliminary Assessment Review Start Needed

Actual:
362 ft.

CERCLIS Site Contact Name(s):

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Philip Armstrong
Contact Tel: (415) 972-3098
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMIndes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dawn Richmond
Contact Tel: (415) 972-3097
Contact Title: Site Assessment Manager (SAM)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USDOJ INS BORDER PATROL STATION (Continued)

1000105067

Contact Name: Nuria Muniz
Contact Tel: (415) 972-3811
Contact Title: Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):

Alias Name: US BORDER PATROL STATION
Alias Address: 225 KENNEY
EL CAJON, CA 96786

Site Description: Not reported

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1988
Priority Level: Not reported

RCRA-SQG:

Date form received by agency: 09/15/1986
Facility name: USDOJ INS BORDER PATROL STATION
Facility address: 225 KENNEY
EL CAJON, CA 92020
EPA ID: CA4151590219
Mailing address: P O BOX 73022
SAN YSIDRO, CA 92073
Contact: ENVIRONMENTAL MANAGER
Contact address: 225 KENNEY
EL CAJON, CA 92020
Contact country: US
Contact telephone: (619) 445-0525
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: IMMIGRATION & NATURALIZATION SERVICE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Federal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USDOJ INS BORDER PATROL STATION (Continued)

1000105067

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

G33
East
1/4-1/2
0.489 mi.
2582 ft.

U S BORDER PATROL/EL CAJON
225 KENNEY ST
EL CAJON, CA 92020
Site 2 of 4 in cluster G

LUST
UST
San Diego Co. HMMD
SWEEPS UST
SAN DIEGO CO. SAM

U003789759
N/A

Relative:
Higher

LUST:

Actual:
362 ft.

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CAJON (Continued)

U003789759

Global Id: T0607301626
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1989-01-19 00:00:00
Discover Date: 1987-02-19 00:00:00
Enforcement Dt: Not reported
Release Date: 1987-02-19 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: UNA
Staff Initials: DL
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 7
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H21495-001
Case Number: 9UT2866
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
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

Region: STATE
Case Type: Drinking Water Aquifer affected

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CAJON (Continued)

U003789759

Cross Street: Not reported
Enf Type: Not reported
Funding: NOR
How Discovered: Not reported
How Stopped: Close Tank
Leak Cause: Spill
Leak Source: Tank
Global Id: T0607302309
Stop Date: 1997-07-14 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1997-01-15 00:00:00
Enforcement Dt: Not reported
Release Date: 1997-01-15 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 37
Org Name: Not reported
Reg Board: San Diego Region
Status: Not reported
Chemical: Unleaded Gasoline
Contact Person: Not reported
Responsible Party: WILLIAM DANA
RP Address: P O BOX 439022
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: UNA
Staff Initials: EM
Lead Agency: Local Agency
Local Agency: 37000L
Hydr Basin #: 907.13
Beneficial: MUN,AGR,IND,PROC,REC-1,REC-2,WARM,COLD,WILD
Priority: 1
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: H21495-002
Case Number: 9UT3540
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CAJON (Continued)

U003789759

Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

UST:

Local Agency: 37000
Facility ID: H21495

San Diego Co. HMMD:

Facility ID: 121495
Inactive Indicator: Active
Business Code: 6HK23
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: SAFETY MGR
Mailing Address: 2411 BOSWELL RD
Mailing City,St,Zip: CHULA VISTA, CA 91914
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: El Cajon
Census Tract Number: 162
EPA ID: CAL000176250
Gas Station: Not reported
Inspection Date: 08/13/04
Reinspection Date: Not reported
Inspector Name: CMOSSE
Violation Notice Issued: Not reported
Facility Contact: BILL DANA/BRENT JOHNSON
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: UNITED STATES OF AMERICA
Property Address: PUBLIC AGENCY
Property City,St,Zip: 00000
Tank Owner: U S BORDER PATROL/EL CAJON
Tank Address: 225 E KENNEY
Tank City,St,Zip: El Cajon, CA 92020
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: 08/13/05
Facility Phone: 619-448-0525

HMMD DISCLOSURE INVENTORY:

Item Number: AC17
Chemical Name: ACETYLENE
Case Number: 74-86-2
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CAJON (Continued)

U003789759

Item Number: AR16
Chemical Name: ARGON 25%/CARBON DIOXIDE 75%
Case Number: MIXTURE
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

Item Number: OI60
Chemical Name: OILS, LUBRICATING
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: CHRONIC

Item Number: OX18
Chemical Name: OXYGEN
Case Number: 7782-44-7
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

Item Number: RE50
Chemical Name: REGULAR UNLEADED UNDERGROUND TANK 121495 T002
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: 1 UNLEADED
Waste or Product: Not reported
Tank Contents: REGULAR UNLEADED

Tank Number: T002
Tank ID Number: NT1965; RT
Waste or Product: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CAJON (Continued)

U003789759

Tank Contents: REGULAR UNLEADED

HMMD VIOLATIONS:

Inspection Date: 05/04/99
Waste Code: Not reported
Type of Violation: 6HX3003
Occurrences: Not reported
Item Number: 4024
Violation Desc: MONITORING SYTEM NOT TESTED ANNUALLY

Inspection Date: 05/04/99
Waste Code: Not reported
Type of Violation: 6HX3025
Occurrences: Not reported
Item Number: 4025
Violation Desc: PRESURIZED LLD NOT TESTED ANNUALLY

Inspection Date: 01/30/01
Waste Code: Not reported
Type of Violation: 6HX3003
Occurrences: Not reported
Item Number: 1400
Violation Desc: MONITORING SYTEM NOT TESTED ANNUALLY

Inspection Date: 06/13/02
Waste Code: Not reported
Type of Violation: 6HV3102
Occurrences: Not reported
Item Number: 8701
Violation Desc: OPERATING PERMIT CURRENT & AT FACILITY?

Inspection Date: 06/13/02
Waste Code: Not reported
Type of Violation: 6HV3110
Occurrences: Not reported
Item Number: 8702
Violation Desc: NO ANNUAL CERT OF ATG AND SENSORS

Inspection Date: 06/13/02
Waste Code: Not reported
Type of Violation: 6HV3111
Occurrences: Not reported
Item Number: 8703
Violation Desc: CONTIN MONITOR SYSTEM NOT CERT. YRLY

Inspection Date: 08/20/03
Waste Code: Not reported
Type of Violation: 6HV0133
Occurrences: Not reported
Item Number: 3397
Violation Desc: MANIFEST COPY NOT SENT TO DTSC

Inspection Date: 08/20/03
Waste Code: Not reported
Type of Violation: 6HV3158
Occurrences: Not reported
Item Number: 3398

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CAJON (Continued)

U003789759

Violation Desc: OPERATING CONDITIONS VIOLATED

Inspection Date: 08/20/03
Waste Code: Not reported
Type of Violation: 6HV3260
Occurrences: Not reported
Item Number: 3399
Violation Desc: DISPENSER CONT NOT ADEQ. MONITORED?

Inspection Date: 08/13/04
Waste Code: Not reported
Type of Violation: 6HV3102
Occurrences: Not reported
Item Number: 4010
Violation Desc: OPERATING PERMIT CURRENT & AT FACILITY?

Inspection Date: 08/13/04
Waste Code: Not reported
Type of Violation: 6HV3105
Occurrences: Not reported
Item Number: 4011
Violation Desc: FINANCIAL RESPONSIBILITY EXPIRED

HMMD WASTE STREAMS:

Inspection Date: 08/13/04
Waste Item #: 213
Waste Code: 213
Waste Name: HYDROCARBON SOLVENTS
Qty at Inspection: 40
Quantity String: 40
Annual Qty: 20
Annual Qty String: 20
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: METAL DRUM
Haz Waste Hauler: 1406 SAFETY-KLEEN SYSTEMS
Waste Desc: PARTS WASHER - AQUEOUS ON
Carcinogen: No

Inspection Date: 08/13/04
Waste Item #: 221
Waste Code: 221
Waste Name: WASTE OIL & MIXED OI
Qty at Inspection: 250
Quantity String: 250
Annual Qty: 1200
Annual Qty String: 1200
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: ABVG TNK
Haz Waste Hauler: 1406 SAFETY-KLEEN SYSTEMS
Waste Desc: USED OIL
Carcinogen: No

Inspection Date: 08/13/04
Waste Item #: 222
Waste Code: 222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CAJON (Continued)

U003789759

Waste Name: OIL/WATER SEPARATION
Qty at Inspection: 300
Quantity String: 300
Annual Qty: 300
Annual Qty String: 300
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: PROCESSING EQUIPMENT
Haz Waste Hauler: 9998 UNKNOWN HAZ WST HAUL
Waste Desc: SUMP SLUDGE/OIL WATER
Carcinogen: No

Inspection Date: 08/13/04
Waste Item #: 342
Waste Code: 342
Waste Name: ORGANIC LIQUIDS W/ME
Qty at Inspection: 110
Quantity String: 110
Annual Qty: 110
Annual Qty String: 110
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: PLASTIC DRUM
Haz Waste Hauler: 1406 SAFETY-KLEEN SYSTEMS
Waste Desc: ANTIFREEZE
Carcinogen: No

Inspection Date: 08/13/04
Waste Item #: 343
Waste Code: 343
Waste Name: UNSPEC ORGANIC LIQUI
Qty at Inspection: 55
Quantity String: 55
Annual Qty: 110
Annual Qty String: 110
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: METAL DRUM
Haz Waste Hauler: 1406 SAFETY-KLEEN SYSTEMS
Waste Desc: WASTE FUEL(GASOLINE RVC)U
Carcinogen: No

Inspection Date: 08/13/04
Waste Item #: 461
Waste Code: 461
Waste Name: PAINT SLUDGE
Qty at Inspection: 50
Quantity String: 50
Annual Qty: 50
Annual Qty String: 50
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: METAL DRUM
Haz Waste Hauler: 1406 SAFETY-KLEEN SYSTEMS
Waste Desc: Not reported
Carcinogen: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CAJON (Continued)

U003789759

Inspection Date: 08/13/04
Waste Item #: 888
Waste Code: 888
Waste Name: USED OIL FILTERS
Qty at Inspection: 400
Quantity String: 400
Annual Qty: 400
Annual Qty String: 400
Measurement Unit: LBS
Treatment Method: 888 FILTERS/METAL RE
Storage Method: METAL DRUM
Haz Waste Hauler: 1406 SAFETY-KLEEN SYSTEMS
Waste Desc: CRUSHED FILTERS
Carcinogen: No

SWEEPS UST:

Status: A
Comp Number: 21495
Number: 9
Board Of Equalization: 44-023590
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-021495-000001
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 1

SAN DIEGO CO. SAM:

Case Number: H21495-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Soils Only
FStatus: Closed Case
Date: 01/19/89
Begandt: 02/19/87

Case Number: H21495-002
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
FType: Drinking Water Aquifer Impacted
FStatus: Remedial Investigation
Date: 01/30/02
Begandt: 01/15/97

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G34
East
1/4-1/2
0.489 mi.
2582 ft.
U S BORDER PATROL/EL CA ON
225 KENNEY ST
EL CAJON, CA 92071
Site 3 of 4 in cluster G

LUST
Cortese
S100732206
N/A

Relative:
Higher

LUST:

Actual:
362 ft.

Region: 9
Case Number: 9UT2866
Local Agency: San Diego
Substance: Gasoline
Qty Leaked: 0
Date Found: 02/19/1987
How Found: Not reported
Date Stopped: / /
How Stopped: Not reported
Source: Not reported
Cause: Not reported
Lead Agency: Local Agency
Case Type: Soil only
Status: Case Closed
Abate Method: No Action Required - incident is minor, requiring no remedial action
Confirm Date: 02/19/1987
Submit Workplan: Not reported
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported
Enforce Date: Not reported
Closed Date: 1/19/89
Pilot Program: LOP
Local Case: H21495-001
Basin Number: Not reported
Gwater Depth: Not reported
Beneficial Use: Not reported
NPDES Number: Not reported
priority: 3
File Dispn: Administratively opened on database, however no file physically exists
Release Date: 02/19/1987
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Region: 9
Case Number: 9UT3540
Local Agency: San Diego
Substance: Unleaded Gasoline
Qty Leaked: 0
Date Found: 01/15/1997
How Found: Not reported
Date Stopped: 07/14/1997
How Stopped: Not reported
Source: Not reported
Cause: Not reported
Lead Agency: Local Agency
Case Type: Other ground water affected
Status: Preliminary site assessment underway

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CA ON (Continued)

S100732206

Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 07/14/1997
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: SEL
Enforce Date: 10/17/97
Closed Date: Not reported
Pilot Program: LOP
Local Case: H21495-002
Basin Number: 907.13
Gwater Depth: Not reported
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
priority: LOP/MODERATE - POTENTIAL WATER IMPACT
File Disp: Administratively opened on database, however no file physically exists
Release Date: 01/15/1997
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 225 KENNEY ST

G35 U S BORDER PATROL/EL CAJO
East 225 KENNEY
1/4-1/2 EL CAJON, CA 92071
0.489 mi.
2582 ft. Site 4 of 4 in cluster G

HAZNET S103950930
Cortese N/A

Relative:
Higher

HAZNET:
Gepaid: CAC001149888
Contact: AMRY COR OF ENGINEERS
Actual: Telephone: 6190000000
362 ft. Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10845 RANCHO BERNARDO RD
Mailing City,St,Zip: SAN DIEGO, CA 921270000
Gen County: San Diego
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: 47.1960
Facility County: San Diego

Gepaid: CAC001149888
Contact: AMRY COR OF ENGINEERS
Telephone: 6190000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10845 RANCHO BERNARDO RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S BORDER PATROL/EL CAJO (Continued)

S103950930

Mailing City,St,Zip: SAN DIEGO, CA 921270000
Gen County: San Diego
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 2.1267
Facility County: San Diego

Cortese:
Region: CORTESE
Facility Addr2: Not reported

36
ESE
1/2-1
0.540 mi.
2849 ft.

**MARINE PARACHUTE SCHOOL LA MESA
EL CAJON, CA**

**FUDS 1007212406
N/A**

**Relative:
Higher**

FUDS:
Federal Facility ID: CA9799FA067
FUDS #: J09CA7244
Facility Name: MARINE PARACHUTE SCHOOL LA MESA
City: El Cajon
State: CA
EPA Region: 9
County: Not reported
Congressional District: 52
US Army District: Los Angeles District (SPL)
Fiscal Year: 2006
Telephone: 213-452-3921
NPL Status: Not reported
RAB: Not reported
CTC: 2818.60
Current Owner: Not reported
Current Prog: Not reported
Future Prog: Not reported

**Actual:
369 ft.**

FUDS Description Details:

The U.S. Navy acquired 612.656 acres of land in Santee, California, on 31 March 1942 for the Marine Parachute School. This land was acquired from private land owners via condemnation proceedings and a Declaration of Taking. Another 75.2 acres of land were acquired by the Navy on 4 September 1942 for the Marine Parachute School via a Declaration of Taking, making a combined total of 687.856 acres. The Marine Parachute School is located between the city centers of Santee and El Cajon, about 15 miles northeast of downtown San Diego in San Diego County, California. Site improvements consisted of two aircraft runways, aircraft parking aprons, a flight control tower, three parachute jump towers, a parachute loft, parachute training building, barracks, storehouses, garage, mess hall, squadron shops, hangar, fire house, swimming pool, rifle range, water and sewage treatment plants, and other facilities. The County of San Diego began leasing the property from the Navy for use as a public airport on 18 December 1946 on a yearly lease basis. The Navy declared the site as excess to Navy needs on 26 January 1953. Subsequently, the Navy deeded all 687.856 acres of property to the County of San Diego

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE PARACHUTE SCHOOL LA MESA (Continued)

1007212406

on 1 June 1953. The County still owns the property and operates the airport, although the property was incorporated into the City of El Cajon. Many of the original buildings and structures were beneficially used by the County, City of El Cajon, or by leaseholders with the County. All of the Navy improvements except for a former storehouse, small hanger, and water reservoir have been demolished and removed from the site. This property is known or suspected to contain military munitions and explosives of concern (e.g., unexploded ordnance) and therefore may present an explosive hazard

FUDS History Details:

The U.S. Navy acquired the site on 31 March 1942, and 75.2 additional acres acquired on 4 September 1942. The site was originally used as a Marine parachute school. The Marine Parachute School operated from 1942 until 1944. In February 1944, the Parachute School and all of its facilities became an auxiliary airfield for the U.S. Marine Corps Air Station, El Toro, California. Site was named Camp Gillespie at this time. Aircraft and Air Warning Squadron operated the airfield until 1947. Acres deeded to the County of San Diego in 1953. These 690 acres are still owned by the County of San Diego. Additional property has been annexed to the original acreage by the County. The County operates the Gillespie Field public airport. This airport serves private single-engine aircraft, a few larger aircraft, and helicopters. With the exception of the aircraft runways, the site looks drastically different today than during use and occupation by the Marine Corps. Almost all of the original Marine Corps structures are gone or have been replaced, and there has been a significant amount of business development. The County leases property to numerous businesses near the airport, including flying services, aircraft hangars, aircraft maintenance and repair, aircraft restoration, and light manufacturing. Recreational sites such as a skeet range and gun club, golf driving range, and racetrack are located on the property farther away from the airport. Further business development is planned. The Navy began leasing the property to the County of San Diego for use as a public airport on 18 December, 1946. The County had a series of 1-year leases for use of the property until 1953. The site was renamed Gillespie Field by the County. Subsequently, the Navy deeded all 687.856 acres of property to the County on 1 June 1953. The County still owns the property and operates the airport.

**37
SE
1/2-1
0.572 mi.
3020 ft.**

**CHEM-TRONICS INC (3)
FRIENDSHIP / BILLY MITCHELL DRIVES
EL CAJON, CA 92020**

**ENVIROSTOR S100203687
N/A**

**Relative:
Higher**

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED

**Actual:
370 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEM-TRONICS INC (3) (Continued)

S100203687

Program Manager: Not reported
Supervisor: * MMONROY
Division Branch: So Cal - Cypress
Facility ID: 37370117
Site Code: Not reported
Assembly: 77
Senate: 36
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Status: Refer: Other Agency
Status Date: 1995-08-21 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 32.8202777777778
Longitude: -116.977777777778
Alias Name: CAD990845513
37370117
Alias Type: Envirostor ID Number
EPA Identification Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: FACILITY IDENTIFIED ID FROM ERRISSOURCE ACT: CHEM MILLING & ETCHING
PLANT FOR AEROSPACE ENGINE MFG. TOTAL REMOVAL,EXCAVATION BY IT CORP.
SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012CALSITES VALIDATION
PROGRAM CONFIRMS NFA FOR DTSC.FACILITY IDENTIFIED ID VIA EPA PRINTOUT
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1994-11-17 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 1984-03-09 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1983-10-12 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1983-03-22 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003, 10009, 10061, 10067, 10097, 10119, 10193, 30153, 30407
Potential Description: * HALOGENATED SOLVENTS
Potential Description: * HYDROCARBON SOLVENTS
Potential Description: * ORGANIC LIQUIDS WITH METALS
Potential Description: * OXYGENATED SOLVENTS
Potential Description: * CONTAMINATED SOIL
Potential Description: * ACID SOLUTION 2>PH WITH METALS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEM-TRONICS INC (3) (Continued)

S100203687

Potenital Description: * UNSPECIFIED ACID SOLUTION
Potenital Description: Chromium VI
Potenital Description: Nickel
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

38
East
1/2-1
0.610 mi.
3221 ft.

GILLESPIE FIELD
BILLY MITCHEL
EL CAJON, CA 92020

Notify 65 **S100179010**
LUST **N/A**
Cortese

Relative:
Higher

Notify 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: Not reported

Actual:
370 ft.

LUST:

Region: 9
Case Number: 9UT1394
Local Agency: San Diego
Substance: Diesel
Qty Leaked: Not reported
Date Found: 02/17/1989
How Found: Tank Closure
Date Stopped: 02/17/1989
How Stopped: Close Tank
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Confirm Date: 02/17/1989
Submit Workplan: Not reported
Prelim Assess: 06/07/1989
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported
Enforce Date: Not reported
Closed Date: 2/5/90
Pilot Program: LOP
Local Case: H26595-001
Basin Number: 907.13
Gwater Depth: >10'
Beneficial Use: MUNBU
NPDES Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GILLESPIE FIELD (Continued)

S100179010

priority: 3
File Disp: Not reported
Release Date: 02/17/1989
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:
Region: CORTESE
Facility Addr2: BILLY MITCHEL

39
SSE
1/2-1
0.823 mi.
4346 ft.

GKN CHEM TRONICS INCORPORATED
1150 WEST BRADLEY AVENUE
EL CAJON, CA 92020

Relative:
Higher

Actual:
383 ft.

Notify 65 **1000294639**
FINDS **92020CHMTR11**
HAZNET
CHMIRS
RCRA-LQG
TRIS
San Diego Co. HMMD
CERC-NFRAP
HIST UST
SWEEPS UST

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92020-1504

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

California - Hazardous Waste Tracking System - Datamart

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

RACT/BACT/LAER Clearinghouse (RBLC) data base contains case-specific information on the 'Best Available' air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). This information has been provided by State and local permitting agencies. The Clearinghouse also contains a regulation data base that summarizes EPA emission limits required in New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and Maximum Achievable Control Technology (MACT) standards.

HAZNET:

Gepaid: CAD990845513
Contact: GKN WESTLAND AEROSPACE PLC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1150 W BRADLEY AVE
Mailing City,St,Zip: EL CAJON, CA 920201504
Gen County: San Diego
TSD EPA ID: AZD980735500
TSD County: 99
Waste Category: Metal sludge - Alkaline solution (pH <UN> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Recycler
Tons: 205.6432
Facility County: San Diego

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Gepaid: CAD990845513
Contact: GKN WESTLAND AEROSPACE PLC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1150 W BRADLEY AVE
Mailing City,St,Zip: EL CAJON, CA 920201504
Gen County: San Diego
TSD EPA ID: AZD980735500
TSD County: 99
Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals
(antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt,
copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium,
vanadium, and zinc)
Disposal Method: Not reported
Tons: 42.1400
Facility County: San Diego

Gepaid: CAD990845513
Contact: GKN WESTLAND AEROSPACE PLC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1150 W BRADLEY AVE
Mailing City,St,Zip: EL CAJON, CA 920201504
Gen County: San Diego
TSD EPA ID: CAD000633164
TSD County: Imperial
Waste Category: Tank bottom waste
Disposal Method: Treatment, Tank
Tons: 27.8124
Facility County: San Diego

Gepaid: CAD990845513
Contact: GKN WESTLAND AEROSPACE PLC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1150 W BRADLEY AVE
Mailing City,St,Zip: EL CAJON, CA 920201504
Gen County: San Diego
TSD EPA ID: CAD000633164
TSD County: Imperial
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: 61.5244
Facility County: San Diego

Gepaid: CAD990845513
Contact: GKN WESTLAND AEROSPACE PLC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1150 W BRADLEY AVE
Mailing City,St,Zip: EL CAJON, CA 920201504
Gen County: San Diego
TSD EPA ID: CAD000633164

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

TSD County: Imperial
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 150.0184
Facility County: San Diego

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

CHMIRS:

OES Incident Number: 03-5855
OES notification: 11/11/200305:52:01 PM
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Year: 2003
Agency: GNT Aerospace
Incident Date: 11/11/2003 12:00:00 AM
Admin Agency: San Diego County Health Services Dept.
Amount: Not reported
Contained: Yes
Site Type: Industrial Plant
E Date: Not reported
Substance: Hydrochloric and Nitric Acid
Quantity Released: Not reported
BBLs: 0
Cups: 0
CUFT: 0
Gallons: 50
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0
Description: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
Description: A copper line on a chiller tank Broke and released the substance. Per caller, cause of the release is unknown. A power failure caused boiler to shut down. The acid backed up into lines and ate through those lines. The area has been cleaned up.

OES Incident Number: 03-3297
OES notification: 6/30/2003 04:36:38 AM
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personnel # Of Decontaminated: Not reported
Responding Agency Personnel # Of Injuries: Not reported
Responding Agency Personnel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	N/A
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	GKN Aerospace
Incident Date:	6/30/200312:00:00 AM
Admin Agency:	San Diego County Health Services Dept.
Amount:	Not reported
Contained:	No
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Hydrogen
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	10
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Description:	Not reported
Evacuations:	4
Number of Injuries:	0
Number of Fatalities:	0
Description:	A copper line on a chiller tank Broke and released the substance.Per caller, cause of the release is unknown.A power failure caused boiler to shut down. The acid backed up into lines and ate through those lines. The area has been cleaned up.
OES Incident Number:	01-2555
OES notification:	5/2/200110:15:39 AM
OES Date:	Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personnel # Of Decontaminated: Not reported
Responding Agency Personnel # Of Injuries: Not reported
Responding Agency Personnel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: Yes
Waterway: Forester Creek
Spill Site: Not reported
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 2001
Agency: GKN Aerospace Chemtronics
Incident Date: 5/2/2001 12:00:00 AM
Admin Agency: San Diego County Health Services Dept.
Amount: Not reported
Contained: Yes
Site Type: Industrial Plant
E Date: Not reported
Substance: Acidic Water
Quantity Released: Not reported
BBLs: 0
Cups: 0
CUFT: 0

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Gallons: 10
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0.000000
Description: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
Description: A copper line on a chiller tank Broke and released the substance. Per caller, cause of the release is unknown. A power failure caused boiler to shut down. The acid backed up into lines and ate through those lines. The area has been cleaned up.

RCRA-LQG:

Date form received by agency: 02/28/2006
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Facility address: 1150 W. BRADLEY AVENUE
EL CAJON, CA 92020
EPA ID: CAD990845513
Contact: RANDY OLMS
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (619) 258-5062
Contact email: RANDY.OLMS@USA.GKNAEROSPACE.COM
EPA Region: 09
Land type: Other land type
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: GKN PLC
Owner/operator address: 550 WARRENVILLE ROAD, STE 400
LISLE, IL 60532
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/10/1999

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Owner/Op end date: Not reported

Owner/operator name: GKN AEROSPACE CHEM-TRONICS, INC.
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported

Legal status: Private
Owner/Operator Type: Operator

Owner/Op start date: 02/10/1999
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:

Date form received by agency: 02/29/2004
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/14/2002
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Classification: Large Quantity Generator

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
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GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Date form received by agency: 10/20/2000
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Site name: G K N AEROSPACE CHEMTRONICS INC
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Site name: GKN AEROSPACE CHEM-TRONICS, INC
Classification: Large Quantity Generator

Date form received by agency: 03/16/1999
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Site name: CHEM-TRONICS, INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Site name: G K N AEROSPACE CHEMTRONICS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Site name: CHEM-TRONICS, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/23/1994
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Site name: CHEM-TRONICS, INC
Classification: Large Quantity Generator

Date form received by agency: 03/30/1992
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Site name: CHEM-TRONICS, INC.
Classification: Large Quantity Generator

Date form received by agency: 04/02/1990
Facility name: GKN AEROSPACE CHEM-TRONICS, INC.
Site name: CHEM-TRONICS INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: 135
Waste name: 135

Waste code: 141
Waste name: 141

Waste code: 181
Waste name: 181

Waste code: 221
Waste name: 221

Waste code: 223
Waste name: 223

Waste code: 291

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Waste name: 291

Waste code: 331

Waste name: 331

Waste code: 343

Waste name: 343

Waste code: 352

Waste name: 352

Waste code: 541

Waste name: 541

Waste code: 741

Waste name: 741

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007

Waste name: CHROMIUM

Waste code: D008

Waste name: LEAD

Waste code: D011

Waste name: SILVER

Waste code: D018

Waste name: BENZENE

Waste code: D021

Waste name: CHLOROBENZENE

Waste code: D039

Waste name: TETRACHLOROETHYLENE

Waste code: D040

Waste name: TRICHLOROETHYLENE

Waste code: F003

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F006

Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Biennial Reports:

Last Biennial Reporting Year: 2005

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 36578

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 32720

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 59484

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Waste code: D008
Waste name: LEAD
Amount (Lbs): 23978

Waste code: D011
Waste name: SILVER
Amount (Lbs): 14

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 16436

Waste code: D021
Waste name: CHLOROBENZENE
Amount (Lbs): 1764

Waste code: D039
Waste name: TETRACHLOROETHYLENE
Amount (Lbs): 3196

Waste code: D040
Waste name: TRICHLOROETHYLENE
Amount (Lbs): 3196

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 21604

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 21604

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 2154000

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: 08/04/2006
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 12/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: 08/04/2006
Violation lead agency: EPA
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 12/11/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: 08/04/2006
Violation lead agency: EPA
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/01/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: 08/04/2006
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/17/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/15/2003
Date achieved compliance: 08/04/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/18/1994
Date achieved compliance: 04/18/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/13/1993
Date achieved compliance: 04/18/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/27/1991
Date achieved compliance: 04/13/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Area of violation: LDR - General
Date violation determined: 08/06/1990
Date achieved compliance: 01/14/1991
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 11/12/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 08/06/1990
Date achieved compliance: 01/14/1991
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/12/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 08/06/1990
Date achieved compliance: 01/14/1991
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 11/12/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 08/06/1990
Date achieved compliance: 01/14/1991
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/12/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/04/2006

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Evaluation:	NOT A SIGNIFICANT NON-COMPLIER
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	04/12/2006
Evaluation:	SIGNIFICANT NON-COMPLIER
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	11/15/2005
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	08/04/2006
Evaluation lead agency:	EPA
Evaluation date:	10/30/2003
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee
Evaluation date:	10/10/2003
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee
Evaluation date:	07/15/2003
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	08/04/2006
Evaluation lead agency:	State Contractor/Grantee
Evaluation date:	04/18/1994
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	04/18/1999
Evaluation lead agency:	State Contractor/Grantee
Evaluation date:	04/13/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	04/18/1994
Evaluation lead agency:	State Contractor/Grantee
Evaluation date:	11/27/1991
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	04/13/1993
Evaluation lead agency:	State Contractor/Grantee
Evaluation date:	08/06/1990
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	LDR - General
Date achieved compliance:	01/14/1991

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GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Evaluation lead agency: EPA

Evaluation date: 08/06/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/14/1991
Evaluation lead agency: EPA

San Diego Co. HMMD:

Facility ID: 109623
Inactive Indicator: Active
Business Code: 6HK50
SIC: Not reported
Permit Expiration: Not reported
Owner: Not reported
2nd Name: Not reported
Mailing Address: P O BOX 1604
Mailing City,St,Zip: EL CAJON, CA 92020
Map Code/Business Plan on File: Not reported
Corporate Code: Not reported
Fire Dept District: El Cajon
Census Tract Number: 162
EPA ID: CAD990845513
Gas Station: Not reported
Inspection Date: 12/14/04
Reinspection Date: Not reported
Inspector Name: LLEONDIS
Violation Notice Issued: Not reported
Facility Contact: RANDY OLMS
Delinquent Flag: Not Delinquent
Last Update: 05/10/05
Last Delinquent Letter: Not reported
Delinquent Comment: Not reported
Last Letter Type: Not reported
Property Owner: G K N AEROSPACE CHEM-TRONICS I
Property Address: 1150 W BRADLEY AVE
Property City,St,Zip: 92020
Tank Owner: CHEM-TRONICS INC
Tank Address: 1150 W BRADLEY
Tank City,St,Zip: El Cajon, CA 92020
Business Plan Acceptance Date: Not reported
Reinspection Date Y2K Compatible: 01/15/05
Facility Phone: 619-448-2320

HMMD DISCLOSURE INVENTORY:

Item Number: 1-16
Chemical Name: 1-CHLORO-4-(TRIFLUOROMETHYL)-BENZENE OXSOL 100
Case Number: 98-56-6
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: 5057

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GKN CHEM TRONICS INCORPORATED (Continued)

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Chemical Name: 50/50 BLEND SOLVENT (TOLUENE 50% ALCOHOL 50%)
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AC32
Chemical Name: AC-806 LINE SEALER AC-806 LINE SEALER
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AC31
Chemical Name: AC-807 NO DYE-600 TOP COAT MASKANT (TOLUENE 76%) AC-807 NO DYE-600 TOP COAT
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AC53
Chemical Name: AC-818-O COLD AIRLESS (80% OXSOL 100)
Case Number: 98-56-6
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AC56
Chemical Name: AC-824-ST-1A-0 MASKANT (80% OXSOL 100)
Case Number: 98-56-6
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No

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1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AC30
Chemical Name: AC-855 TOLUENE BRUSH-1 MASKANT AC-855 TOLUENE BRUSH-1 MASKANT
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AC57
Chemical Name: ACETONE
Case Number: 67-64-1
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AC85
Chemical Name: ACETYLENE GAS
Case Number: 74-86-2
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

Item Number: AC56
Chemical Name: ACID CLEANERS (CHEM BRITE)
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: AC86
Chemical Name: ACRYLIC PAINTS- WATER BASED
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported

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Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: AC87
Chemical Name: ACTIVOL 1357 (SURFACTANT)
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: AE88
Chemical Name: AEROSOL SPRAY PAINTS
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: CHRONIC

Item Number: AE89
Chemical Name: AEROSOL SPRAY, MISCELLANEOUS
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AE91
Chemical Name: AEROSPACE PAINTS AND PRIMERS
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AE90
Chemical Name: AEROSPACE PAINTS AND PRIMERS
Case Number: Not reported

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Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AL96
Chemical Name: ALKALINE CLEANING SOLUTIONS N.O.S.
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: AL95
Chemical Name: ALMANDITE GARNET GARNET ABRASIVE SAND
Case Number: 1302-62-1
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: CHRONIC
2nd Hazard Category: Not reported

Item Number: AL97
Chemical Name: ALMCO 2260D FINISHING COMPOUND (SURFACTANT)
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: AL98
Chemical Name: ALUMINUM OXIDE, BLAST GRIT
Case Number: 1344-28-1
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: CHRONIC
2nd Hazard Category: Not reported

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Item Number: AR29
Chemical Name: ARDOX 985-P13 FLOURESCENT DYE PENETRANT
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: AR29
Chemical Name: ARDROX 985-P14 FLUORESCENT DYE PENETRANT ARDROX 985-P14 FLUORESCENT DYE PEN
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: AR31
Chemical Name: ARDROX 9PR-12 EMULSIFIER
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: AR28
Chemical Name: ARDROX TRACER TECH 906/P303A (RED DYE PENETRANT) ARDROX TRACER TECH 906/P30
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: AR32
Chemical Name: ARDROX TRACER TECH 9134D FLOURESCENT DYE PENETRANT
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported

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Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: AR89
Chemical Name: ARGON GAS, BULK
Case Number: 7440-37-1
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: ACUTE

Item Number: AR33
Chemical Name: ARGON GAS, CYLINDER
Case Number: 7440-37-1
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: Not reported

Item Number: AR12
Chemical Name: ARGON, HELIUM, NITROGEN MIXED GASES, INERT (SPECIALTY WELDING GASES)
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: BL48
Chemical Name: BLASOCUT 2000 CF MACHINE TOOL COOLANT
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: CA25
Chemical Name: CARBON DIOXIDE CYLINDER
Case Number: 124-38-9
Quantity Stored At One Time: Not reported

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Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: Not reported

Item Number: CA58
Chemical Name: CAUSTIC ETCHANT
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: CA59
Chemical Name: CAUSTIC SODA LIQUID
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: REACTIVE
2nd Hazard Category: ACUTE

Item Number: DA60
Chemical Name: DASCOOL 2003A COOLANT WATER SOLUBLE OIL
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: DE61
Chemical Name: DEOXIDIZER SOLUTION
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: DI62

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Chemical Name: DIESEL FUEL OIL
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: D-42
Chemical Name: D-LIMONENE 90% CITRUS STRIPPER/ CLEANER
Case Number: 5989-27-5
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

Item Number: EN81
Chemical Name: ENAMEL PAINTS
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: ET83
Chemical Name: ETCHANTS, ACID TITANIUM
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: ET87
Chemical Name: ETCHANTS, ACID, INCONEL
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: Yes
1st Hazard Category: ACUTE

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GKN CHEM TRONICS INCORPORATED (Continued)

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2nd Hazard Category: Not reported

Item Number: EV90
Chemical Name: EVERLUBE FORMKOTE T-50-66 DRY FILM LUBRICANT
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: FE91
Chemical Name: FERRIC CHLORIDE
Case Number: 7705-08-0
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: FE94
Chemical Name: FERRI-FLOC
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: GL97
Chemical Name: GLASS IMPACT BEADS SODA-LIME GLASS
Case Number: 65997-17-3
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: CHRONIC
2nd Hazard Category: Not reported

Item Number: HE98
Chemical Name: HEAVY PETROLEUM LUBRICATING OILS, VARIOUS
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported

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Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: HE99
Chemical Name: HELIUM GAS-BULK
Case Number: 7727-37-9
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: ACUTE

Item Number: HI94
Chemical Name: HIGH PRESSURE AIR, SPECIAL GRADES
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: Not reported

Item Number: HY00
Chemical Name: HYDROCHLORIC ACID 35% (MURIATIC ACID)
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: REACTIVE
2nd Hazard Category: ACUTE

Item Number: HY01
Chemical Name: HYDROFLUORIC ACID
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: REACTIVE
2nd Hazard Category: ACUTE

Item Number: HY02
Chemical Name: HYDROGEN GAS
Case Number: 1333-74-0
Quantity Stored At One Time: Not reported

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Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: ACUTE

Item Number: HY03
Chemical Name: HYDROTEX AIR COMPRESSOR OIL
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: IN06
Chemical Name: INSTAPAK 40W COMPONENT
Case Number: B
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

Item Number: IN07
Chemical Name: INSTAPAK COMPONENT
Case Number: A
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

Item Number: IS08
Chemical Name: ISOPROPYL ALCOHOL, ANHYDROUS
Case Number: 67-63-0
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: KE09

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1000294639

Chemical Name: KEROSENE
Case Number: 8008-20-6
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

Item Number: LP26
Chemical Name: LPS GREASELESS LUBRICANTS LPS GREASELESS LUBRICANTS
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: MO27
Chemical Name: MOLYKOTE CORROSION PROTECTIVE COATING 3400 A MOLYKOTE CORROSION PROTECTIVE
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: NI13
Chemical Name: NITRIC ACID
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: REACTIVE
2nd Hazard Category: ACUTE

Item Number: NI14
Chemical Name: NITROGEN GAS
Case Number: 7727-37-9
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No

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1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: ACUTE

Item Number: NO15
Chemical Name: NOVACITE 200
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: CHRONIC
2nd Hazard Category: Not reported

Item Number: OX88
Chemical Name: OXYGEN, GAS
Case Number: 7782-44-7
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: PRESSURE RELEASE
2nd Hazard Category: REACTIVE

Item Number: PH17
Chemical Name: PHOTO-FIXER, DEVELOPER, CLEANER
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: PR18
Chemical Name: PROPANE
Case Number: 74-98-6
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: PRESSURE R

Item Number: RO19
Chemical Name: ROCHELLE SALTS
Case Number: 6381-59-5
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported

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Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: SH85
Chemical Name: SHELL TELLUS LUBRICATION OILS
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: SO20
Chemical Name: SODIUM CARBONATE (SODA ASH)
Case Number: 497-19-8
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: SO21
Chemical Name: SODIUM NITRATE
Case Number: 7631-99-4
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: SP22
Chemical Name: SPENT MACHINE TOOL COOLANTS (10% OILS IN WATER)
Case Number: MIXTURE
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: SU23
Chemical Name: SULFURIC ACID
Case Number: 7664-93-9

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Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: Yes
1st Hazard Category: REACTIVE
2nd Hazard Category: ACUTE

Item Number: SU33
Chemical Name: SUPRALATE (SODIUM LAURYL SULFATE) SURFACTANT
Case Number: 151-21-3
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: Not reported
2nd Hazard Category: Not reported

Item Number: TO24
Chemical Name: TOLUENE
Case Number: 108-88-3
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: TU31
Chemical Name: TURCO 4215 NC-LT ALKALINE CLEANER
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: TU39
Chemical Name: TURCO LIQUID SMUT-GO
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

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Item Number: TU25
Chemical Name: TURCO T-4181
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: VI43
Chemical Name: VITRO KLENE (SODIUM HYDROXIDE SOLUTION)
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: VI40
Chemical Name: VITRO-KLENE
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: XY41
Chemical Name: XYLENE
Case Number: 1330-20-7
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: ACUTE
2nd Hazard Category: Not reported

Item Number: XY01
Chemical Name: XYLENE
Case Number: 1330-20-7
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No

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1st Hazard Category: FIRE
2nd Hazard Category: ACUTE

Item Number: ZI44
Chemical Name: ZIRBLAST CERAMIC MEDIA (ZIRCON SILICON DIOXIDE)
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: CHRONIC
2nd Hazard Category: Not reported

Item Number: ZI31
Chemical Name: ZIRBLAST CERAMIC MEDIA (ZIRCON SILICON DIOXIDE)
Case Number: Not reported
Quantity Stored At One Time: Not reported
Quantity Stored at One Time: Not reported
Annual Quantity String: Not reported
Annual Quantity String: Not reported
Measurement Units: Not reported
Carcinogen: No
1st Hazard Category: CHRONIC
2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: 1
Waste or Product: Not reported
Tank Contents: Not reported

Tank Number: T002
Tank ID Number: 2
Waste or Product: Not reported
Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: 05/23/97
Waste Code: Not reported
Type of Violation: 6HV0209
Occurrences: Not reported
Item Number: 7109
Violation Desc: WASTE ONSITE >90/180/270 DAYS

Inspection Date: 05/23/97
Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 7110
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 05/23/97
Waste Code: Not reported
Type of Violation: 6HV0216

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Occurrences: Not reported
Item Number: 7111
Violation Desc: HAZMATS WITHOUT PROPER LABELS

Inspection Date: 05/23/97
Waste Code: Not reported
Type of Violation: 6HV0201
Occurrences: Not reported
Item Number: 7112
Violation Desc: WASTE CONTAINER NOT CLOSED

Inspection Date: 05/23/97
Waste Code: Not reported
Type of Violation: 6HV0207
Occurrences: Not reported
Item Number: 7113
Violation Desc: FIRE/EXPLOSION/RELEASE NOT MINIMIZED

Inspection Date: 07/23/98
Waste Code: Not reported
Type of Violation: 6HV4303
Occurrences: Not reported
Item Number: 5841
Violation Desc: NO MED WASTE DISPOSAL RECORDS

Inspection Date: 07/23/98
Waste Code: Not reported
Type of Violation: 6HV0209
Occurrences: Not reported
Item Number: 5842
Violation Desc: WASTE ONSITE >90/180/270 DAYS

Inspection Date: 07/23/98
Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 5843
Violation Desc: WASTE CONTAINER W/O LABELS

Inspection Date: 07/23/98
Waste Code: Not reported
Type of Violation: 6HV0216
Occurrences: Not reported
Item Number: 5844
Violation Desc: HAZMATS WITHOUT PROPER LABELS

Inspection Date: 07/23/98
Waste Code: Not reported
Type of Violation: 6HV0201
Occurrences: Not reported
Item Number: 5845
Violation Desc: WASTE CONTAINER NOT CLOSED

Inspection Date: 03/20/00
Waste Code: Not reported
Type of Violation: 6HV0208
Occurrences: Not reported

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Item Number: 3767
Violation Desc: STORAGE AREA: NO WEEKLY INSPECTION

Inspection Date: 03/20/00
Waste Code: Not reported
Type of Violation: 6HV1505
Occurrences: Not reported
Item Number: 3768
Violation Desc: NO WASTE MINIMIZ CERTIFICATION

Inspection Date: 03/20/00
Waste Code: Not reported
Type of Violation: 6HV1652
Occurrences: Not reported
Item Number: 3769
Violation Desc: NO WRITTEN ANALYSIS PLAN (TP)

Inspection Date: 03/20/00
Waste Code: Not reported
Type of Violation: 6HV1652
Occurrences: Not reported
Item Number: 3770
Violation Desc: NO WRITTEN ANALYSIS PLAN (TP)

Inspection Date: 03/20/00
Waste Code: Not reported
Type of Violation: 6HV1652
Occurrences: Not reported
Item Number: 3771
Violation Desc: NO WRITTEN ANALYSIS PLAN (TP)

Inspection Date: 07/15/03
Waste Code: Not reported
Type of Violation: 6HV0209
Occurrences: Not reported
Item Number: 0633
Violation Desc: WASTE ONSITE >90/180/270 DAYS

Inspection Date: 07/15/03
Waste Code: Not reported
Type of Violation: 6HV1601
Occurrences: Not reported
Item Number: 0634
Violation Desc: HAZWASTE TANKS W/O P.E. ASSESSMENT

Inspection Date: 07/15/03
Waste Code: Not reported
Type of Violation: 6HV1605
Occurrences: Not reported
Item Number: 0635
Violation Desc: NO DAILY TANK INSPECTION/LOG

Inspection Date: 07/15/03
Waste Code: Not reported
Type of Violation: 6HV0202
Occurrences: Not reported
Item Number: 0636

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Violation Desc:	WASTE CONTAINER W/O LABELS
Inspection Date:	07/15/03
Waste Code:	Not reported
Type of Violation:	6HV0210
Occurrences:	Not reported
Item Number:	0637
Violation Desc:	DID NOT CLEAN SPILL TO FLOOR
Inspection Date:	07/15/03
Waste Code:	Not reported
Type of Violation:	6HV0216
Occurrences:	Not reported
Item Number:	0638
Violation Desc:	HAZMATS WITHOUT PROPER LABELS
Inspection Date:	07/15/03
Waste Code:	Not reported
Type of Violation:	6HV0304
Occurrences:	Not reported
Item Number:	0639
Violation Desc:	WASTE DETERMINATION NOT MADE
Inspection Date:	07/15/03
Waste Code:	Not reported
Type of Violation:	6HV2660
Occurrences:	Not reported
Item Number:	0640
Violation Desc:	EMPL NOT TRAINED IN OPS PROC. FOR DUTIES
Inspection Date:	07/15/03
Waste Code:	Not reported
Type of Violation:	6HV2665
Occurrences:	Not reported
Item Number:	0641
Violation Desc:	QUIPMENT MAINT. EMPLOYEES NOT TRAINED
Inspection Date:	07/15/03
Waste Code:	Not reported
Type of Violation:	6HV2668
Occurrences:	Not reported
Item Number:	0642
Violation Desc:	DID NOT COMPLY W/AUDIT REQUIREMENTS
Inspection Date:	07/15/03
Waste Code:	Not reported
Type of Violation:	6HV0293
Occurrences:	Not reported
Item Number:	0643
Violation Desc:	TANK MGMT STANDARDS NOT MET
Inspection Date:	07/15/03
Waste Code:	Not reported
Type of Violation:	6HV1563
Occurrences:	Not reported
Item Number:	0644
Violation Desc:	NO 2ND. CONTAINMT:TANKS/CONTAINERS

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Inspection Date: 07/15/03
Waste Code: Not reported
Type of Violation: 6HV0194
Occurrences: Not reported
Item Number: 0645
Violation Desc: INADEQUATE SOURCE REDUCT REVIEW

Inspection Date: 12/14/04
Waste Code: Not reported
Type of Violation: 6HV0207
Occurrences: Not reported
Item Number: 7054
Violation Desc: FIRE/EXPLOSION/RELEASE NOT MINIMIZED

Inspection Date: 12/14/04
Waste Code: Not reported
Type of Violation: 6HV0301
Occurrences: Not reported
Item Number: 7055
Violation Desc: HAZWASTE:UNAUTHORIZED DISPOSAL

Inspection Date: 12/14/04
Waste Code: Not reported
Type of Violation: 6HV0401
Occurrences: Not reported
Item Number: 7056
Violation Desc: TRAINING RECORDS UNAVAILABLE

HMMD WASTE STREAMS:

Inspection Date: 12/14/04
Waste Item #: 131
Waste Code: 131
Waste Name: AQUEOUS SOL'N W/REAC
Qty at Inspection: 400
Quantity String: 400
Annual Qty: 2500
Annual Qty String: 2500
Measurement Unit: LBS
Treatment Method: 999 UNKNOWN
Storage Method: METAL DRUM
Haz Waste Hauler: 2951 A & S ENVIRONMENTAL
Waste Desc: Not reported
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 135
Waste Code: 135
Waste Name: UNSPECIFIED AQUEOUS
Qty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: 0.20
Annual Qty String: 0.2
Measurement Unit: TON
Treatment Method: 003 LANDFILL
Storage Method: METAL DRUM
Haz Waste Hauler: 2951 A & S ENVIRONMENTAL
Waste Desc: WASTE RESINS & SILARANE

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Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 181
Waste Code: 181
Waste Name: INORGANIC SOLID WAST
Qty at Inspection: 18
Quantity String: 18
Annual Qty: 902.30
Annual Qty String: 902.3
Measurement Unit: TON
Treatment Method: 003 LANDFILL
Storage Method: ROLL OFF, DROP BOX, DUMP
Haz Waste Hauler: 0015 ASBURY ENVIRONMENTAL
Waste Desc: TITANIUM FILTERCAKE
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 214
Waste Code: 214
Waste Name: UNSPEC SOLVENT MIXTU
Qty at Inspection: 250
Quantity String: 250
Annual Qty: 1750
Annual Qty String: 1750
Measurement Unit: LBS
Treatment Method: 001 RECYCLE
Storage Method: PROCESSING EQUIPMENT
Haz Waste Hauler: 1406 SAFETY-KLEEN SYSTEMS
Waste Desc: PARTS WASHER
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 221
Waste Code: 221
Waste Name: WASTE OIL & MIXED OI
Qty at Inspection: 4500
Quantity String: 4500
Annual Qty: 108000
Annual Qty String: 108000
Measurement Unit: GAL
Treatment Method: 001 RECYCLE
Storage Method: ABVG TNK
Haz Waste Hauler: 0015 ASBURY ENVIRONMENTAL
Waste Desc: WASTE OIL
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 222
Waste Code: 222
Waste Name: OIL/WATER SEPARATION
Qty at Inspection: 1
Quantity String: 1
Annual Qty: 12.50
Annual Qty String: 12.5
Measurement Unit: TON
Treatment Method: 001 RECYCLE

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Storage Method: ABVG TNK
Haz Waste Hauler: 0015 ASBURY ENVIRONMENTAL
Waste Desc: SUMP SLUDGE
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 331
Waste Code: 331
Waste Name: OFF-SPEC,AGED,SURPLU
Qty at Inspection: 0.20
Quantity String: 0.2
Annual Qty: 6.80
Annual Qty String: 6.8
Measurement Unit: TON
Treatment Method: 003 LANDFILL
Storage Method: METAL DRUM
Haz Waste Hauler: 2951 A & S ENVIRONMENTAL
Waste Desc: (LAB PACK)
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 352
Waste Code: 352
Waste Name: ORGANIC SOLIDS (OTHE
Qty at Inspection: 3.80
Quantity String: 3.8
Annual Qty: 186
Annual Qty String: 186
Measurement Unit: TON
Treatment Method: 015 TANK TREATMENT
Storage Method: METAL DRUM
Haz Waste Hauler: 0015 ASBURY ENVIRONMENTAL
Waste Desc: WIPES, FILTERS, PLASMA FI
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 444
Waste Code: 444
Waste Name: USED BATTERIES
Qty at Inspection: 500
Quantity String: 500
Annual Qty: 500
Annual Qty String: 500
Measurement Unit: LBS
Treatment Method: 001 RECYCLE
Storage Method: METAL DRUM
Haz Waste Hauler: 2951 A & S ENVIRONMENTAL
Waste Desc: DRY CELL BATTERIES
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 491
Waste Code: 491
Waste Name: UNSPECIFIED SLUDGE W
Qty at Inspection: 0.10
Quantity String: 0.1
Annual Qty: 0.50

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Annual Qty String: 0.5
Measurement Unit: TON
Treatment Method: 003 LANDFILL
Storage Method: METAL DRUM
Haz Waste Hauler: 2951 A & S ENVIRONMENTAL
Waste Desc: MACHINE SUMP SLUDGE
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 541
Waste Code: 541
Waste Name: PHOTOCHEM/PHOTOPROC
Qty at Inspection: 500
Quantity String: 500
Annual Qty: 500
Annual Qty String: 500
Measurement Unit: LBS
Treatment Method: 001 RECYCLE
Storage Method: METAL DRUM
Haz Waste Hauler: 2362 GRAPHIC DISPOSAL
Waste Desc: X-RAY/PHOTOPROCESSING/FLM
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 791
Waste Code: 791
Waste Name: LIQUIDS WITH PH <OR=
Qty at Inspection: 29
Quantity String: 29
Annual Qty: 1490
Annual Qty String: 1490
Measurement Unit: TON
Treatment Method: 103 TREATED, THEN SEW
Storage Method: ABVG TNK
Haz Waste Hauler: 0001 NO HAULER
Waste Desc: UNIT 2, CA, BLDG 2
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 791
Waste Code: 791
Waste Name: LIQUIDS WITH PH <OR=
Qty at Inspection: 8.50
Quantity String: 8.5
Annual Qty: 425
Annual Qty String: 425
Measurement Unit: TON
Treatment Method: 103 TREATED, THEN SEW
Storage Method: ABVG TNK
Haz Waste Hauler: 0001 NO HAULER
Waste Desc: UNIT 3, CA, BLDG 6
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 792
Waste Code: 792
Waste Name: LIQUIDS W/PH <OR= 2

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Qty at Inspection: 295
Quantity String: 295
Annual Qty: 14875
Annual Qty String: 14875
Measurement Unit: TON
Treatment Method: 103 TREATED, THEN SEW
Storage Method: ABVG TNK
Haz Waste Hauler: 0001 NO HAULER
Waste Desc: PBR, UNIT 1
Carcinogen: No

Inspection Date: 12/14/04
Waste Item #: 902
Waste Code: 902
Waste Name: INFECTIOUS WASTE, SH
Qty at Inspection: 5
Quantity String: 5
Annual Qty: 5
Annual Qty String: 5
Measurement Unit: LBS
Treatment Method: 101 AUTOCLAVE
Storage Method: CARBOY
Haz Waste Hauler: 3400 STERICYCLE INC.
Waste Desc: ONSITE MED CARE, SHARPS,
Carcinogen: No

CERC-NFRAP:

Site ID: 0902623
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Nuria Muniz
Contact Tel: (415) 972-3811
Contact Title: Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: CHEM-TRONICS INC
Alias Address: 8001 JOHN TOWERS AVE (OLD LOC)
EL CAJON, CA 92020

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 11/01/1979
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 03/01/1984

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Date Completed: 10/01/1986
Priority Level: Low

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 11/21/1988
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 11/21/1988
Priority Level: NFRAP (No Further Remedial Action Planned)

HIST UST:

Region: STATE
Facility ID: 00000024857
Facility Type: Other
Other Type: MANUFACTURING
Total Tanks: 0002
Contact Name: TIM DANIELSON
Telephone: 6194482320
Owner Name: CHEM-TRONICS INC.
Owner Address: 1150 W. BRADLEY
Owner City,St,Zip: EL CAJON, CA 92020

Tank Num: 001
Container Num: 1
Year Installed: 1982
Tank Capacity: 00075000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/2 inches
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 002
Container Num: 2
Year Installed: 1978
Tank Capacity: 00009000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/2 inches
Leak Detection: Visual

SWEEPS UST:

Status: A
Comp Number: 9623
Number: 9
Board Of Equalization: 44-022441
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-009623-000001
Actv Date: Not reported
Capacity: 75000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GKN CHEM TRONICS INCORPORATED (Continued)

1000294639

Tank Use: CHEMICAL
Stg: W
Content: Not reported
Number Of Tanks: 2

Status: A
Comp Number: 9623
Number: 9
Board Of Equalization: 44-022441
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-009623-000002
Actv Date: Not reported
Capacity: 9000
Tank Use: CHEMICAL
Stg: W
Content: Not reported
Number Of Tanks: Not reported

40
SSE
1/2-1
0.886 mi.
4677 ft.

CALDERA SPAS FACILITY
1080 W. BRADLEY AVE.
EL CAJON, CA 92020

ENVIROSTOR S106797695
N/A

Relative:
Higher

ENVIROSTOR:

Actual:
379 ft.

Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: So Cal - Cypress
Facility ID: 37000044
Site Code: Not reported
Assembly: 77
Senate: 36
Special Program: Not reported
Status: Refer: 1248 Local Agency
Status Date: 2001-08-02 00:00:00
Restricted Use: NO
Funding: Not Applicable
Latitude: 0
Longitude: 0
Alias Name: 37000044
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: DTSC is not involved with this project.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 2000-02-01 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALDERA SPAS FACILITY (Continued)

S106797695

Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

41
NW
1/2-1
0.986 mi.
5204 ft.

7-11 STORE #19006
9111 MISSION GORGE RD
SANTEE, CA 92071

Notify 65 **1000281967**
LUST **N/A**
Cortese
HIST UST

Relative:
Lower

Notify 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92071-3723

Actual:
327 ft.

LUST:

Region: 9
Case Number: 9UT1429
Local Agency: San Diego
Substance: Unleaded Gasoline
Qty Leaked: 0
Date Found: 05/03/1989
How Found: Other Means
Date Stopped: 05/03/1989
How Stopped: Not reported
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Drinking Water Aquifer affected
Status: Remediation Plan
Abate Method: Remove Free Product - remove floating product from water table
Confirm Date: 05/03/1989
Submit Workplan: Not reported
Prelim Assess: 06/08/1989
Desc Pollution: 5/1/90
Remed Plan: 02/08/1994
Remed Action: Not reported
Began Monitor: Not reported
Enforce Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-11 STORE #19006 (Continued)

1000281967

Enforce Date: Not reported
Closed Date: Not reported
Pilot Program: LOP
Local Case: H20828-001
Basin Number: 907.12
Gwater Depth: 12'
Beneficial Use: Municipal groundwater use
NPDES Number: 96-41
priority: LOP/HIGH - KNOWN HEALTH/SAFETY/ENVIRONMENTAL IMPACT
File Disp: Not reported
Release Date: 06/08/1989
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 9111 MISSION GORGE RD

HIST UST:

Region: STATE
Facility ID: 00000010229
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: FRANCHISEE/CONSIGNEE ERVIN W.
Telephone: 6195798711
Owner Name: THE SOUTHLAND CORPORATION
Owner Address: 7839 UNIVERSITY AVENUE
Owner City,St,Zip: LA MESA, CA 92041

Tank Num: 001
Container Num: 19006-1
Year Installed: 1976
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 0.25 inches
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 19006-2
Year Installed: 1976
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 0.25 inches
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 19003-3
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: 0.25 inches

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-11 STORE #19006 (Continued)

1000281967

Leak Detection: Stock Inventor

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EL CAJON	S106933067	TOUCH-ON SIGNS	1957 FRIENDSHIP DR H	92020	SWEEPS UST
EL CAJON	S106893867	MARSHALL AUTO CENTER	227 MARSHALL AVENUE	92020	ENVIROSTOR
EL CAJON	S106926786	GOLDEN STATE AVIATION	1935 N MARSHALL AVE F	92020	HAZNET, SWEEPS UST
EL CAJON	S103340517	GILLESPIE SLF/BURNSITE	REUBEN STREET DRIVE		SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/04/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 01/09/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 15

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/20/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/08/2008
Date Data Arrived at EDR: 03/07/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/18/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 64

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-8905
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/02/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 03/31/2008
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-8905
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/02/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 03/31/2008
	Data Release Frequency: Varies

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/23/2008
Number of Days to Update: 54	Next Scheduled EDR Contact: 04/21/2008
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 10/31/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2008	Telephone: 202-366-4555
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/17/2008
Number of Days to Update: 60	Next Scheduled EDR Contact: 04/14/2008
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

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

Date of Government Version: 02/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/27/2008	Telephone: 202-366-4595
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/28/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/03/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/17/2008
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 01/14/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 12/28/2007
Date Data Arrived at EDR: 12/28/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 27

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 11/20/2007
Date Data Arrived at EDR: 01/03/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 48

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 01/03/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/29/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Every 4 Years

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

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/27/2007
Date Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/31/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 01/04/2008	Source: EPA
Date Data Arrived at EDR: 01/10/2008	Telephone: (415) 947-8000
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 01/02/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/31/2008
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 03/03/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 03/13/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/25/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCH: School Property Evaluation Program

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

Date of Government Version: 11/27/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/28/2007	Telephone: 916-323-3400
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 02/11/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 12/12/2007	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 12/13/2007	Telephone: 916-341-6320
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 03/03/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 03/17/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 01/23/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA FID UST: Facility Inventory Database

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

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

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

SLIC: Statewide SLIC Cases

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

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

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

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

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

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/02/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

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

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/07/2008	Source: SWRCB
Date Data Arrived at EDR: 01/09/2008	Telephone: 916-480-1028
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 01/09/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/07/2008
	Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/26/2007	Source: Department of Public Health
Date Data Arrived at EDR: 12/28/2007	Telephone: 707-463-4466
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Varies

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing

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

Date of Government Version: 02/05/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/06/2008	Telephone: 916-323-3400
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/05/2008
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/05/2008
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/27/2007	Telephone: 916-341-5712
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/23/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

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

Date of Government Version: 01/03/2008
Date Data Arrived at EDR: 01/04/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 11/27/2007
Date Data Arrived at EDR: 11/28/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 07/31/2007
Date Data Arrived at EDR: 07/31/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 9

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/25/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/23/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 10/15/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

RESPONSE: State Response Sites

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

Date of Government Version: 11/27/2007
Date Data Arrived at EDR: 11/28/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/18/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/27/2007
Date Data Arrived at EDR: 11/28/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/12/2008
Date Data Arrived at EDR: 02/14/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 29

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Semi-Annually

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/20/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/28/2008	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-6597
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

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

Date of Government Version: 02/25/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/26/2008	Telephone: 415-972-3372
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/21/2008	Source: EPA Region 10
Date Data Arrived at EDR: 02/26/2008	Telephone: 206-553-2857
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

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

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/12/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 02/28/2008	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-7591
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/25/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 12/21/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 34

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/21/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/20/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 01/28/2008	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/29/2008	Telephone: 510-567-6700
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/21/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/21/2008
	Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/28/2008	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/29/2008	Telephone: 510-567-6700
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 01/21/2008
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/21/2008
	Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 12/04/2007	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 12/06/2007	Telephone: 925-646-2286
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 02/25/2008
Number of Days to Update: 70	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Semi-Annually

FRESNO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Resources List

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

Date of Government Version: 01/16/2008	Source: Dept. of Community Health
Date Data Arrived at EDR: 01/17/2008	Telephone: 559-445-3271
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/17/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/04/2008
	Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 12/17/2007	Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 12/18/2007	Telephone: 661-862-8700
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 03/17/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

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

Date of Government Version: 12/31/1998	Source: EPA Region 9
Date Data Arrived at EDR: 07/07/1999	Telephone: 415-972-3178
Date Made Active in Reports: N/A	Last EDR Contact: 02/19/2008
Number of Days to Update: 0	Next Scheduled EDR Contact: 04/14/2008
	Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/29/2007	Source: Department of Public Works
Date Data Arrived at EDR: 01/22/2008	Telephone: 626-458-3517
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 02/11/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 11/13/2007	Source: La County Department of Public Works
Date Data Arrived at EDR: 11/20/2007	Telephone: 818-458-5185
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 02/14/2008
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007	Source: Engineering & Construction Division
Date Data Arrived at EDR: 03/27/2007	Telephone: 213-473-7869
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 03/12/2008
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

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

Date of Government Version: 05/30/2007	Source: Community Health Services
Date Data Arrived at EDR: 07/11/2007	Telephone: 323-890-7806
Date Made Active in Reports: 08/09/2007	Last EDR Contact: 02/11/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/11/2008	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 02/21/2008	Telephone: 310-524-2236
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/11/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/28/2003	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 10/23/2003	Telephone: 562-570-2563
Date Made Active in Reports: 11/26/2003	Last EDR Contact: 02/19/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/26/2008	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 02/27/2008	Telephone: 310-618-2973
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/25/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/04/2008	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 02/21/2008	Telephone: 415-499-6647
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 01/15/2008	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008	Telephone: 707-253-4269
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

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

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 57

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 55

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 51

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 17

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 50

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 08/06/2007	Source: Health Services Agency
Date Data Arrived at EDR: 08/07/2007	Telephone: 951-358-5055
Date Made Active in Reports: 09/24/2007	Last EDR Contact: 01/15/2008
Number of Days to Update: 48	Next Scheduled EDR Contact: 04/14/2008
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

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

Date of Government Version: 02/11/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 02/11/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 12/28/2007	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 12/28/2007	Telephone: 909-387-3041
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/03/2007
	Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 05/16/2005	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 05/18/2005	Telephone: 619-338-2268
Date Made Active in Reports: 06/16/2005	Last EDR Contact: 01/04/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/31/2008
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 9

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

Environmental Case Listing

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

Date of Government Version: 08/22/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 35

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

Date of Government Version: 03/03/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/03/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 02/01/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 17

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/01/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 13

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Fuel Leak List

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

Date of Government Version: 01/09/2008
Date Data Arrived at EDR: 01/11/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

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

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

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: No Update Planned

LOP Listing

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

Date of Government Version: 02/01/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 9

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/04/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/30/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 9

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tank Sites

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

Date of Government Version: 01/22/2008	Source: Department of Health Services
Date Data Arrived at EDR: 01/22/2008	Telephone: 707-565-6565
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/21/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/21/2008
	Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 05/04/2007	Telephone: 530-822-7500
Date Made Active in Reports: 05/24/2007	Last EDR Contact: 01/02/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 03/31/2008
	Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 11/26/2007	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 01/07/2008	Telephone: 805-654-2813
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/2007	Source: Environmental Health Division
Date Data Arrived at EDR: 08/29/2007	Telephone: 805-654-2813
Date Made Active in Reports: 09/26/2007	Last EDR Contact: 02/19/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/26/2007	Source: Environmental Health Division
Date Data Arrived at EDR: 01/07/2008	Telephone: 805-654-2813
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 12/26/2007	Source: Environmental Health Division
Date Data Arrived at EDR: 01/09/2008	Telephone: 805-654-2813
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 01/09/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/07/2008
	Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 02/20/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 23

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/14/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/03/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 11/26/2007
Date Data Arrived at EDR: 11/29/2007
Date Made Active in Reports: 02/05/2008
Number of Days to Update: 68

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/28/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006

Date Data Arrived at EDR: 04/27/2007

Date Made Active in Reports: 06/08/2007

Number of Days to Update: 42

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 01/07/2008

Next Scheduled EDR Contact: 04/07/2008

Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, 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 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORRESTER CREEK
WELD BOULEVARD/CUYAMACA STREET
EL CAJON, CA 92020

TARGET PROPERTY COORDINATES

Latitude (North):	32.82762 - 32° 49' 39.4"
Longitude (West):	116.9838 - 116° 59' 1.7"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	501516.3
UTM Y (Meters):	3631986.8
Elevation:	360 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	32116-G8 EL CAJON, CA
Most Recent Revision:	1975
West Map:	32117-G1 LA MESA, CA
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

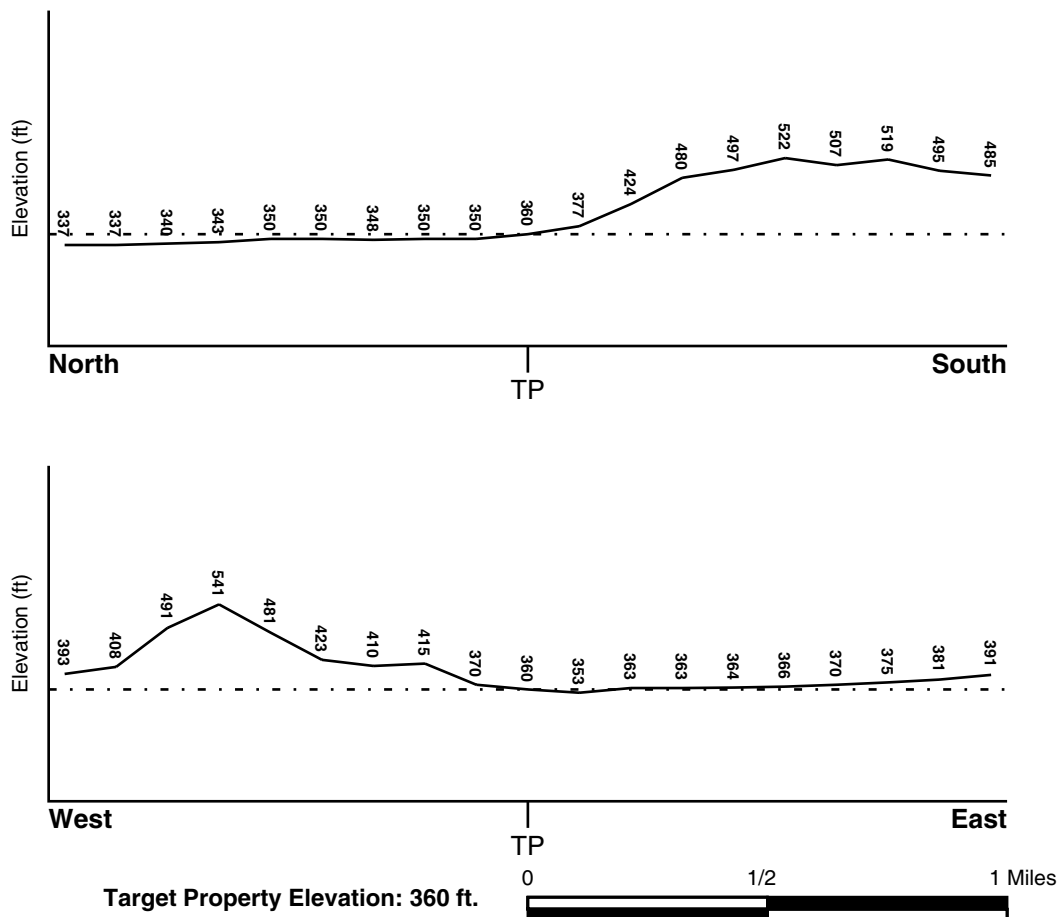
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

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>	<u>FEMA Flood</u>
SAN DIEGO, CA	<u>Electronic Data</u>
	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
EL CAJON	<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</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
2	1/2 - 1 Mile SSE	NE
3	1/2 - 1 Mile North	Not Reported
4	1/2 - 1 Mile NNE	Varies
5	1/2 - 1 Mile NNW	NNW
6	1/2 - 1 Mile SE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

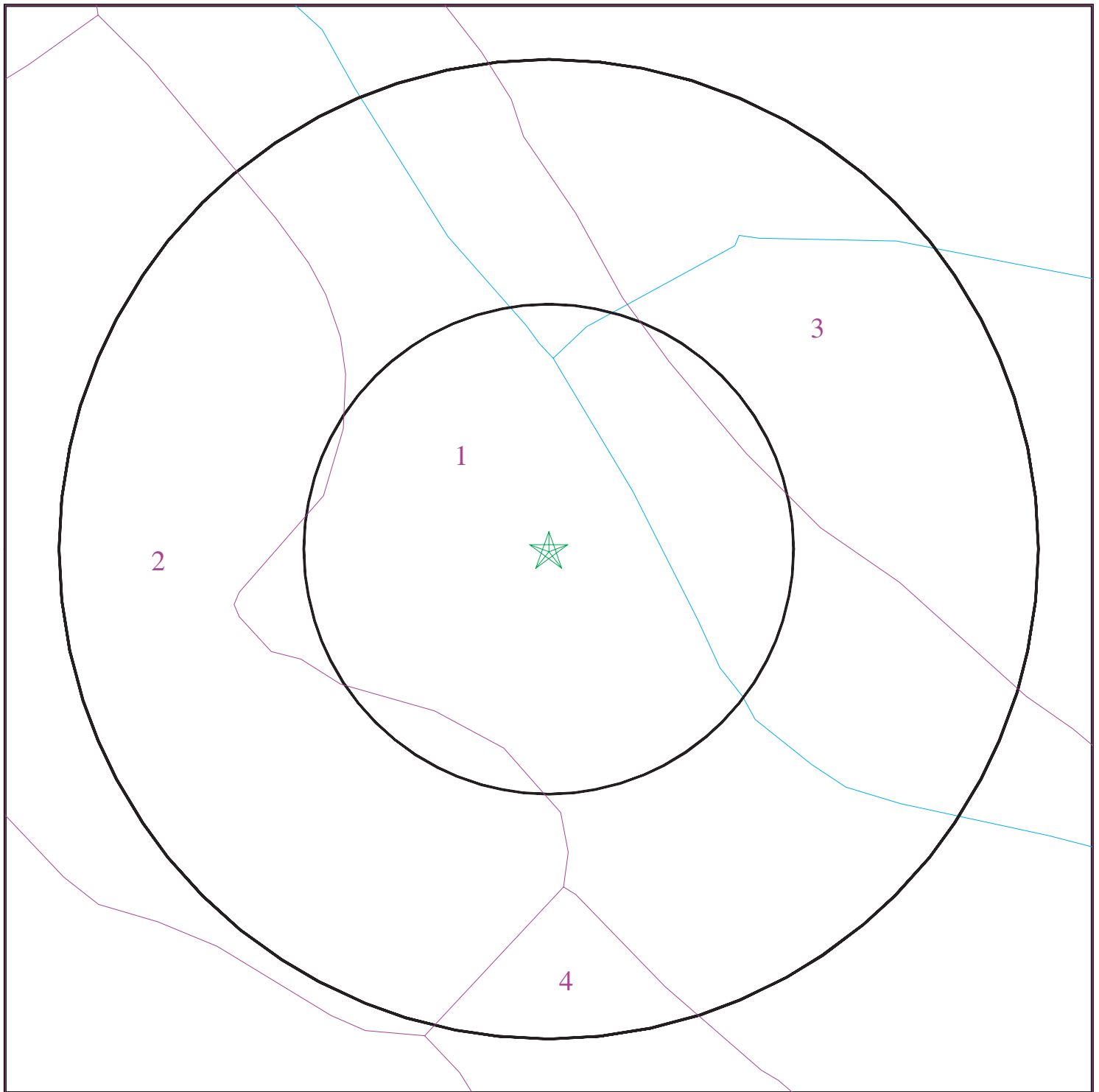
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

SSURGO SOIL MAP - 2176429.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Forrester Creek
ADDRESS: Weld Boulevard/Cuyamaca Street
El Cajon CA 92020
LAT/LONG: 32.8276 / 116.9838

CLIENT: Rincon Consultants, Inc.
CONTACT: Greg Stull
INQUIRY #: 2176429.2s
DATE: March 24, 2008 3:41 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: SALINAS

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 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: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	22 inches	46 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: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	46 inches	64 inches	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: 4 Min: 1.4	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: FALLBROOK

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	7 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	11 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	27 inches	40 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
5	40 inches	44 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: PLACENTIA

Soil Surface Texture: sandy 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

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	sandy 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	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
2	12 inches	33 inches	clay	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	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name: DIABLO

Soil Surface Texture: clay

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: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	31 inches	35 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

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>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
<u>1</u>	<u>USGS3103424</u>	<u>1/2 - 1 Mile NNE</u>

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

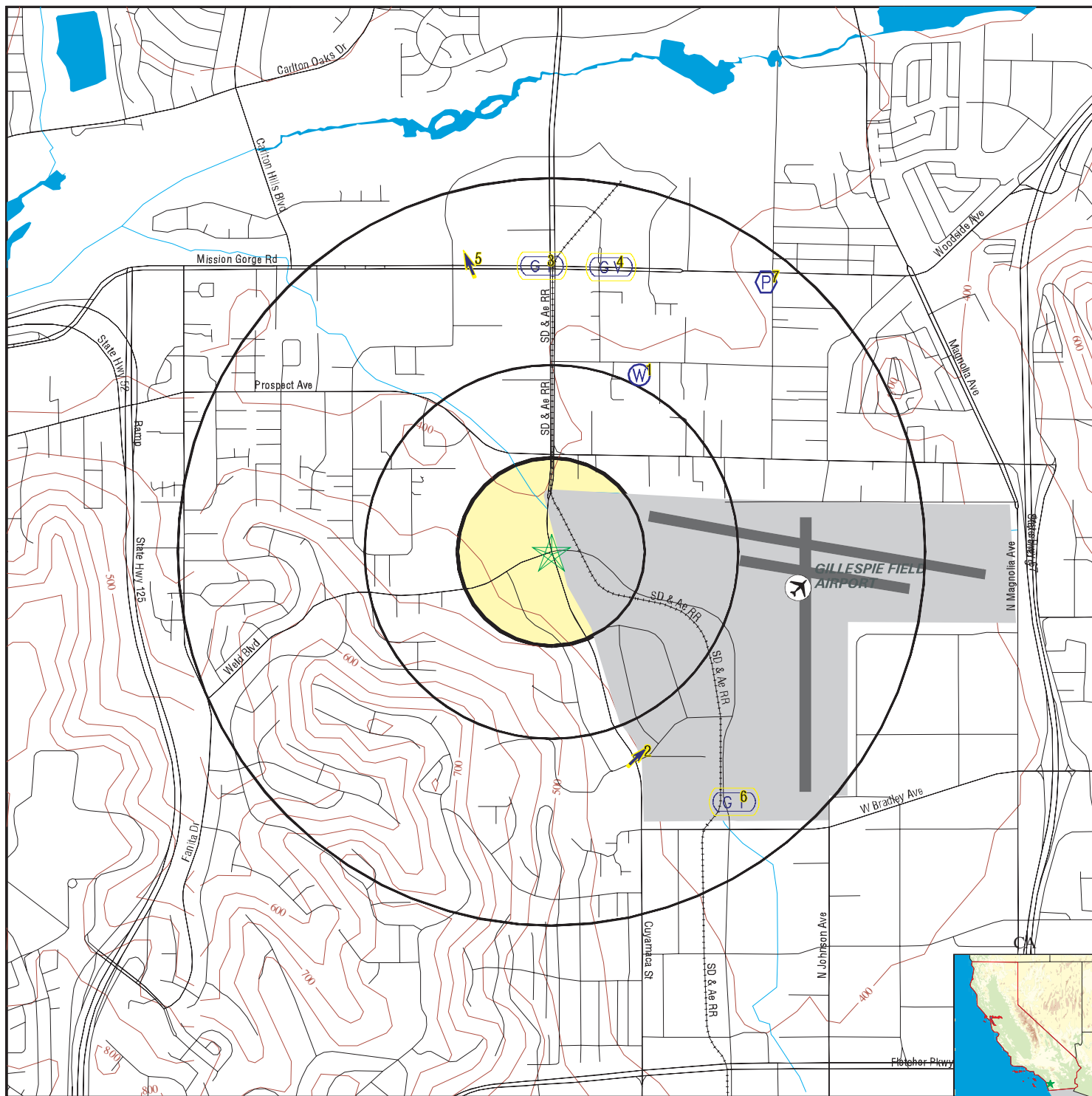
MAP ID	WELL ID	LOCATION FROM TP
<u>7</u>	<u>CA3710037</u>	<u>1/2 - 1 Mile NE</u>

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
<u>No Wells Found</u>	<u></u>	<u></u>

PHYSICAL SETTING SOURCE MAP - 2176429.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Forrester Creek
 ADDRESS: Weld Boulevard/Cuyamaca Street
 EI Cajon CA 92020
 LAT/LONG: 32.8276 / 116.9838

CLIENT: Rincon Consultants, Inc.
 CONTACT: Greg Stull
 INQUIRY #: 2176429.2s
 DATE: March 24, 2008 3:41 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
NNE
1/2 - 1 Mile
Lower

FED USGS USGS3103424

Agency cd:	USGS	Site no:	325004116584401
Site name:	015S001W28R005S		
Latitude:	325004		
Longitude:	1165844	Dec lat:	32.83449399
Dec lon:	-116.97975012	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	10		
Altitude datum:	Not Reported		
Hydrologic:	San Diego. California. Area = 1390 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
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:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
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:	1983-06-01
Water quality data end date:	1983-06-01	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

2
SSE
1/2 - 1 Mile
Higher

Site ID:	Not Reported	AQUIFLOW	34121
Groundwater Flow:	NE		
Shallow Water Depth:	13		
Deep Water Depth:	29		
Average Water Depth:	Not Reported		
Date:	04/08/1993		

3
North
1/2 - 1 Mile
Lower

Site ID:	Not Reported	AQUIFLOW	38759
Groundwater Flow:	Not Reported		
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	13		
Date:	07/25/1988		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

4 NNE 1/2 - 1 Mile Lower	Site ID: Not Reported Groundwater Flow: Varies Shallow Water Depth: 10.5 Deep Water Depth: 13 Average Water Depth: Not Reported Date: 07/05/1995	AQUIFLOW 33855
---	---	------------------------------

5 NNW 1/2 - 1 Mile Lower	Site ID: Not Reported Groundwater Flow: NNW Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 10 Date: 09/09/1988	AQUIFLOW 38454
---	--	------------------------------

6 SE 1/2 - 1 Mile Higher	Site ID: Not Reported Groundwater Flow: Not Reported Shallow Water Depth: 13 Deep Water Depth: 18 Average Water Depth: Not Reported Date: 12/05/1997	AQUIFLOW 38797
---	---	------------------------------

7 NE 1/2 - 1 Mile Lower		FRDS PWS CA3710037
--	--	----------------------------------

PWS ID:	CA3710037	PWS Status:	Not Reported
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	PADRE DAM MWD SANTEE, CA 920729003		

Addressee / Facility: Not Reported

Facility Latitude:	32 50 17	Facility Longitude:	116 58 23
City Served:	SANTEE-ALPINE V		
Treatment Class:	Mixed (treated and untreated)	Population:	75000

Violations information not reported.

ENFORCEMENT INFORMATION:

System Name:	PADRE DAM MWD		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-03-01 - 1995-03-31		
Violation ID:	9514001		
Enforcement Date:	1995-06-27	Enf. Action:	State Public Notif Received
System Name:	PADRE DAM MWD		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-03-01 - 1995-03-31		
Violation ID:	9514001		
Enforcement Date:	1995-08-18	Enf. Action:	State Formal NOV Issued

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
92020	19	0	0.00

Federal EPA Radon Zone for SAN DIEGO 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 Zip Code: 92020

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

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 and 2005 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.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

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 IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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Appendix 3
Interview Documentation

Transaction Screen Questionnaire

Rincon Project 07-24380 – Proposed Forrester Creek Industrial Park, El Cajon, CA

This questionnaire should be completed by an individual considered to be knowledgeable of the subject property. We respectfully request that you fill out and return this form (via fax 760-918-9449) to us within one week from the date of this transmittal.

1)	Was the subject property or any adjoining property ever used as: <input type="checkbox"/> a gasoline or other fueling station <input type="checkbox"/> a junkyard or landfill <input type="checkbox"/> a motor vehicle repair facility <input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility <input type="checkbox"/> a commercial printing facility <input type="checkbox"/> a machine shop <input type="checkbox"/> a dry cleaners <input type="checkbox"/> a photo developing laboratory <input type="checkbox"/> a metal plating facility <input type="checkbox"/> a manufacturing facility <input type="checkbox"/> a farm <input type="checkbox"/> any other industrial use (please check all that apply and describe) <i>N/A</i>	
2)	Please describe the current land uses of the subject property and those surrounding your property. Please indicate all businesses/companies located on property.	
2a	Current use of Subject Property (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of current operation) <i>AIRPORT</i>
2b	Current use of Northern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of current operation) <i>AIRPORT</i>
2c	Current use of Southern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of current operation) <i>AIRPORT</i>
2d	Current use of Western Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other-Please Describe	(please include a brief description of current operation)
2e	Current use of Eastern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of current operation) <i>AIRPORT</i>

Rincon Consultants

Transaction Screen Questionnaire

Rincon Project 07-24380 – Proposed Forrester Creek Industrial Park, El Cajon, CA

3)	Please describe the previous land uses of your property and those surrounding your property. Include property ownership and dates of operation if known.	
3a	Previous use of Subject Property (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations, former property owners, and dates of operation) AIRPORT OPERATIONS COUNTY OF S.D.
3b	Previous use of Northern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations) AIRPORT OPERATIONS
3c	Previous use of Southern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations) AIRPORT OPERATIONS
3d	Previous use of Western Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations) AIRPORT OPERATIONS
3e	Previous use of Eastern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations) AIRPORT OPERATIONS

4)	Who is the current owner of the facility?	COUNTY OF SAN DIEGO
5)	When did current ownership begin?	UNKNOWN
6)	What is the age of the on-site facility?	APPROX. 45 YRS.
7)	Who is the previous owner of the property?	UNKNOWN.

Transaction Screen Questionnaire

Rincon Project 07-24380 – Proposed Forrester Creek Industrial Park, El Cajon, CA

8)	Please indicate the property's current	
	electrical service provider -	SDGE
	water service provider -	CITY OF EL CAJON
	natural gas service provider -	SDGE
	sewer service provider -	CITY OF EL CAJON
	solid waste hauler -	CITY OF EL CAJON

9)	To the best of your knowledge, has your facility previously or does your facility currently store or use any of the following in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate? (if yes or unknown, include how many, type, and size)	
	<input type="checkbox"/> Damaged or discarded automotive or industrial batteries	NO
	<input type="checkbox"/> Pesticides	NO
	<input type="checkbox"/> Paints	NO
	<input type="checkbox"/> Oils or solvents	NO
	<input type="checkbox"/> Motor vehicle fuel	NO
	<input type="checkbox"/> Pesticides or Herbicides	NO
	<input type="checkbox"/> Other Chemicals or hazardous substances	AIRPLANE FUEL

10)	Please indicate any wastes generated at the facility.		
	Hazardous waste:	Quantity:	Disposal Method:
	NONE		

11)	Are there currently or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?	
	<input type="checkbox"/> Yes	If Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

Transaction Screen Questionnaire

Rincon Project 07-24380 – Proposed Forrester Creek Industrial Park, El Cajon, CA

12)	Are there currently or to the best of your knowledge have there been previously, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or that is of an unknown origin?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

13)	Are there currently or to the best of your knowledge have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

14)	Are there currently or to the best of your knowledge have there been previously, any sumps, clarifiers, or solvent degreasers on the property?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

15)	Are there currently or to the best of your knowledge have there been previously, any stained soil on the property?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

16)	Are there currently or to the best of your knowledge have there been previously, any storage tanks (above or below ground) located on the property?	
	<input checked="" type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input type="checkbox"/> No	<i>DRUM FUEL</i>
	<input type="checkbox"/> Unknown	

17)	Are there currently or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways (etc.) indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

Transaction Screen Questionnaire

Rincon Project 07-24380 – Proposed Forrester Creek Industrial Park, El Cajon, CA

18)	If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government agency?	
	<input type="checkbox"/> Yes if Yes or Unknown, please describe	
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

19)	Are there currently or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?	
	<input type="checkbox"/> Yes if Yes or Unknown, please describe	
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

20)	To the best of your knowledge has your facility previously or does your facility currently, discharge wastewater on or adjacent to the property other than storm water into a sanitary sewer system?	
	<input type="checkbox"/> Yes if Yes or Unknown, please describe	
	<input type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

21)	Have any of the following ever been dumped above grade, buried and/or burned on the property? (please check all that apply and describe if possible)		
	<input type="checkbox"/> hazardous substances		
	<input type="checkbox"/> petroleum products		
	<input type="checkbox"/> unidentified waste materials		
	<input type="checkbox"/> tires		
	<input type="checkbox"/> automotive or industrial batteries		
	<input type="checkbox"/> other waste materials (please describe)		

N/A

22)	Are there currently or to the best of your knowledge have there been previously, a transformer, capacitor or any hydraulic equipment on the property?	
	<input type="checkbox"/> Yes if Yes or Unknown, please describe	
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

Transaction Screen Questionnaire

Rincon Project 07-24380 – Proposed Forrester Creek Industrial Park, El Cajon, CA

23)	Are there currently or to the best of your knowledge have there been previously any records indicating the presence of PCBs?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

24)	Are there currently or to the best of your knowledge have there been previously any records indicating the presence of pesticides or herbicides?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

25)	Do you have any environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input type="checkbox"/> No	
	<input checked="" type="checkbox"/> Unknown	

26)	Have you been informed of the past or current existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

27)	Do you have any knowledge of any environmental site assessments of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Unknown	

28)	Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?	
	<input type="checkbox"/> Yes	if Yes or Unknown, please describe
	<input type="checkbox"/> No	
	<input checked="" type="checkbox"/> Unknown	

Transaction Screen Questionnaire

Rincon Project 07-24380 – Proposed Forrester Creek Industrial Park, El Cajon, CA

This questionnaire was completed by (please print)	
Name	GARY WATTS
Title	CONSULTANT / AGENT
Firm	PACIFIC SCENE COMMERCIAL, LP
Street Address	2505 CONGRESS STREET
City, State, Zip Code	SAN DIEGO, CA 92110
Phone Number	619 298 1828
Fax Number	619 958 0585
What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.) ?	CONSULTANT / AGENT

Copies of the completed questionnaire should be faxed (preferably), emailed (via PDF) or mailed to:

Rincon Consultants, Inc.
5355 Avenida Encinas
Carlsbad, California 92008
Attention: Environmental Site Assessment Division
Fax: (760) 918 - 9449

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature Gary Watts Date 04-03-08

To qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user* must provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

*We respectfully request that you fill out this form and fax it to **Greg Stull at Rincon Consultants, Inc. (fax 760.918.9449)** within one week from the date of this transmittal.*

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? (40 CFR 312.25) *N/A*

2. Are you aware of any activity and land use limitations (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 under federal, tribal, state, or local law? (40 CFR 312.26) *Not*

3. Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations for the subject property? *N/A*

4. As the user of this ESA and the person seeking to qualify for the LLP, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? (40 CFR 312.28) *N/A*

5. As the user of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a valuation reduction for the subject property relative to any known environmental issues? *N/A*



6. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29) *PROPERTY LEASED*
7. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? (40 CFR 312.30) *ND*
- a. Do you know the past uses of the property? *AIRPORT*
 - b. Do you know of specific chemicals that are present or once were present at the property? *ND*
 - c. Do you know of spills or other chemical releases that have taken place at the property? *ND*
 - d. Do you know of any environmental cleanups that have taken place at the property? *ND*
8. The purpose of this Phase I ESA is... (choose more than one if appropriate)
- ☐ to assess the environmental conditions of a property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to CERCLA Liability.
 - ☐ to identify the possible presence of recognized environmental conditions associated with possible soil and groundwater contamination at the site.
 - ☒ to understand potential environmental conditions that could materially impact the operation of business associated with the parcel.
 - ☐ to identify the possible presence of recognized environmental conditions that could materially impact the operation of the business associated with the parcel of commercial real estate.



User Questionnaire Proposed Forrester Creek Industrial Park Project, El Cajon, CA

9. As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? (40 CFR 312.31) *NO*

This questionnaire was completed by (please print):

Name	<i>GARY WAITS</i>
Title	<i>CONSULTANT/AGENT</i>
Firm	<i>PACIFIC SCENE COMMERCIAL, LP</i>
Street Address	<i>2505 LONGLETS STREET</i>
City, State, Zip Code	<i>SAN DIEGO, CA 92110</i>
Phone Number	<i>619 : 298 1829</i>
Fax Number	<i>619 958 0585</i>
What is the preparer's relationship to the property (i.e., seller, buyer, occupant, property manager, employee, agent, consultant, etc.)?	<i>CONSULTANT / AGENT</i>

The preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct, and to the best of the preparer's knowledge, no material facts have been suppressed or misstated.

Signature

Gary Waits

Date *04-03-08*

Please fax this form to Greg Stull at Rincon Consultants, Inc. (fax 760.918.9449) or mail a copy to the following address.

Rincon Consultants, Inc.
5355 Avenida Encinas, Suite 103
Carlsbad, California 92008
Attention: Greg Stull
Phone: 760.918.9444



Rincon Consultants, Inc.

Appendix 4
Regulatory Agency Files



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-9933

www.sdcounty.ca.gov/deh/lwq

JACK MILLER
ASSISTANT DIRECTOR

October 16, 2007

Mr. Dane Clingan
County of San Diego
Department of General Services Facilities Management
5555 Overland Avenue, 2207
Building 2, Room 220, MS O368
San Diego, California 92123

Dear Mr. Clingan:

UNAUTHORIZED RELEASE #H04831-001
WORKPLAN APPROVAL
COUNTY OF SAN DIEGO
1840 WELD BOULEVARD, EL CAJON, CA

This letter has been prepared in accordance with the requirements set forth in Title 23 (State Underground Storage Tank Regulations), Division 3, Chapter 16, Article 11, Section 2722. The purpose of this letter is to notify the Responsible Party of the status of the Workplan received by the County of San Diego, Site Assessment and Mitigation Program (SAM) on August 6, 2007.

The Workplan, dated July 27, 2007, prepared by Ninyo & Moore, covers one of the following phases of corrective action:

Preliminary Site Assessment	()
Soil and Water Investigation	(X)
Corrective Action Plan	()
Verification Monitoring	()
Interim Remedial Action	()

The Workplan, which proposes to install two groundwater monitoring wells, has been:

- () approved.
- () disapproved-call the undersigned for further instructions.
- (X) approved with the following changes or conditions:

1. Install an additional well west of groundwater monitoring well MW-3A, between the well and the existing building. Install the two proposed wells north and south of the dispenser.

This approval is valid for six months from the date of this letter. *Keep this letter for your records as it may be required for corrective action cost reimbursement under Senate Bill 2004 (California Health and Safety Code, Division 20, Chapter 6.75, Article 6).*

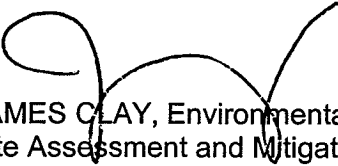
Mr. Dane Clingan

- 2 -

October 16, 2007

The need for further site characterization and mitigation actions will be determined following evaluation of the written report. If you have any questions, please call me at (619) 338-2205.

Sincerely,

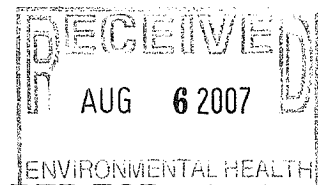
A handwritten signature in black ink, appearing to be 'James Clay', written over the printed name.

JAMES CLAY, Environmental Health Specialist III
Site Assessment and Mitigation Program

JC:kd

cc: Peter Clark, Ninyo & Moore

**WORK PLAN FOR
GROUNDWATER MONITORING
WELL INSTALLATION AND SAMPLING
COUNTY OF SAN DIEGO
SANTÉE SERVICE STATION
1840 WELD BOULEVARD
EL CAJON, CALIFORNIA
DEH UNAUTHORIZED RELEASE #H04831-001**



PREPARED FOR:
County of San Diego
Department of General Services Facilities Management
County Operations Center
5555 Overland Avenue, 2207
Building 2, Room 220, MS 0368
San Diego, California 92123

PREPARED BY:
Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
5710 Ruffin Road
San Diego, California 92123

July 27, 2007
Project No. 106082001

July 27, 2007
Project No. 106082001

Mr. Dane Clingan
County of San Diego
Department of General Services Facilities Management
County Operations Center
5555 Overland Avenue, 2207
Building 2, Room 220, MS 0368
San Diego, California 92123

Subject: Work Plan for Groundwater Monitoring Well Installation and Sampling
County of San Diego, Santee Service Station
1840 Weld Boulevard
El Cajon, California
DEH Unauthorized Release #H04831-001

Dear Mr. Clingan:


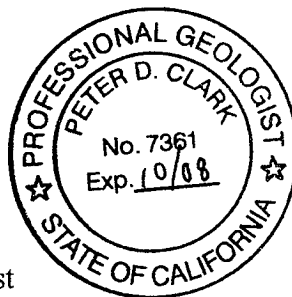
In accordance with your request, we have prepared this work plan to perform environmental consulting services to include groundwater monitoring well installation and sampling at the County of San Diego Santee Service Station located at 1840 Weld Boulevard, El Cajon, California.

We appreciate the opportunity to provide environmental consulting services to the County of San Diego, Department of General Services Facilities Management on this project.

Sincerely,
NINYO & MOORE



Peter D. Clark, P.G. 7361
Project Environmental Geologist



Beth S. Abramson-Beck, P.G. 4580
Principal Geologist

PDC/BAB/kh

Distribution: (3) Addressee

- (1) Mr. James Clay, County of San Diego, Department of Environmental Health,
Land and Water Quality Division

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Figure 1 – Site Location Map

Figure 2 – Site Plan

Figure 3 – Groundwater Monitoring Well Location Map

Appendix

Appendix A – Background Information

1. INTRODUCTION

At the request of the County of San Diego, Department of General Services (DGS) Facilities Management, Ninyo & Moore has prepared this work plan to perform groundwater monitoring well installation and sampling at the County of San Diego Santee Service Station. Ninyo & Moore's services will be performed in general accordance with the DGS Contract No. 510975 dated June 1, 2007, and applicable sections of the County of San Diego, Department of Environmental Health (DEH) Site Assessment and Mitigation (SAM) Manual.

2. SITE LOCATION AND DESCRIPTION

The County of San Diego Santee Service Station is located at 1840 Weld Boulevard, El Cajon, California (Figure 1). The site has been assigned Assessor's Parcel Number (A.P.N.) 387-190-06. The site contains a maintenance and refueling facility for County of San Diego vehicles. The area of the unauthorized release from the underground storage tank (UST) system is located east of the maintenance building. A site plan is presented as Figure 2.

3. ENVIRONMENTAL BACKGROUND

In August of 1998, Burns & McDonald removed two single walled steel 6,000-gallon gasoline USTs, and one single wall steel 300-gallon waste oil UST from the site. The gasoline USTs and waste oil UST were reportedly installed in 1968. Four soil samples collected from beneath the gasoline USTs at approximate depths of 13 feet below ground surface (bgs) did not contain detectable concentrations of total petroleum hydrocarbons (TPH). A soil sample collected from beneath the waste oil UST did not contain detectable concentrations of total recoverable petroleum hydrocarbons (TRPH). Soil samples collected from beneath the gasoline dispenser contained TPH as gasoline (TPH-g) ranging from 340 to 17,000 milligrams per kilogram (mg/kg). One dispenser soil sample contained TPH as diesel (TPH-d) at a concentration of 1,100 mg/kg.

Approximately 115 cubic yards of soil was excavated from the dispenser island area and disposed off site. Confirmation soil samples collected from the northern excavation wall at approximate depths of 5 and 7 feet bgs contained TPH-g concentrations of 263 and 1,005 mg/kg,

respectively. A soil sample collected from the floor of the excavation at an approximate depth of 17 feet bgs contained TPH-g concentration of 650 mg/kg. The lateral and vertical extent of petroleum hydrocarbon impacted soil associated with the dispenser island release was not delineated (Burns & McDonnell, 1998). The island dispenser excavation area was backfilled with reportedly non-impacted soil generated from excavation of the gasoline and waste oil UST excavations. A new 12,000-gallon gasoline UST was installed in the area of the former two 6,000-gallon gasoline USTs and new piping was installed to the dispensers on the island.

The waste oil UST was connected to a remote fill line that lead to a waste oil sump in the interior of the building. A soil sample collected from the pea gravel in the waste oil sump contained a TRPH concentration of 27,000 mg/kg. In February of 1999, after the pea gravel was removed from the maintenance pit that contained the sump, Burns & McDonnell jack-hammered out the concrete base and collected soil samples approximately 2 feet below the concrete base (approximately 8 feet bgs). Soil samples collected contained TRPH concentrations ranging from 91 to 268 mg/kg.

In June 1999, Burns & McDonnell submitted a revised work plan to install two borings (B-1 located north of the island dispenser, B-2 located in the maintenance building in the area of the former sump/maintenance pit) and three groundwater monitoring wells.

In March 2001, Gradient Engineers, Inc. conducted a Phase II Environmental Site Assessment consisting of advancing three borings and installing three groundwater monitoring wells. Boring B-1 was advanced north of the island dispenser to an approximate depth of 50 feet bgs and a soil sample collected at a depth of 5-6.5 feet bgs did not contain detectable concentrations of TPH. Analytical testing does not appear to have been conducted for samples below a depth of 5-6.5 feet bgs. Boring B-2 was advanced southeast of the dispenser island to an approximate depth of 50 feet bgs and a soil samples collected at a depths of 5-6.5, 10-11.5 and 20-21.5 feet bgs did not contain detectable concentrations of TPH. Analytical testing does not appear to have been conducted for samples below a depth of 20-21.5 feet bgs. Boring B-3 was advanced in former sump/maintenance pit and encountered refusal at an approximate depth of 8 feet. Soil samples collected at depths of 3 and 6 feet bgs did not contain detectable concentrations of TRPH. Soil samples collected from MW-1 and MW-2 at depths of 5-6.5 and 10-11.5 and from depths of 5-6.5 did not contain detectable concentrations of TPH. Similarly, it

appears soil samples below the depth of 10-11.5 were apparently not collected and/or analyzed. Tetrachloroethene (PCE) was detected in the soil sample collected from MW-1 at a depth of 5-6.5 feet bgs at a concentration of 7.2 micrograms per kilogram (ug/kg).

Groundwater was present in the wells ranging at depths from approximately 43.8 to 50.2 feet bgs. The groundwater flow direction was reportedly to the north with a hydraulic gradient of 0.346 feet/foot (ft/ft). Groundwater samples contained TPH-g concentrations ranging from 64 to 66 micrograms per liter (ug/l) and detectable concentrations of benzene, toluene, xylenes, methyl tertiary butyl ether (MTBE), and TBA.

In June, September, and December 2001, and March, June, September and November 2002, and March 2003, Gradient Engineers, Inc. conducted ground water monitoring at the site. Groundwater depths ranged from 45 to 50 feet bgs with a groundwater flow direction to the north. Groundwater samples collected from the wells contained low concentrations of dissolved phase hydrocarbons.

In May 2004, Gradient Engineers, Inc. installed groundwater monitoring wells MW-1A, MW-2A, and MW-3A, adjacent to groundwater monitoring wells MW-1, MW-2, and MW-3, respectively, based on the original wells were screened below the water table. The installation of the new wells was conducted at the request of the DEH (San Diego County, 2003). Soil samples collected from MW-1A and MW-3A at depths of 5-6.5 did not contain detectable concentrations of TPH. Based on available data, soil samples from MW-2A or below depths of 5-6.5 from MW-1A or MW-3A were apparently not collected and/or analyzed. In June, 2004, groundwater was present at depths ranging from 42 to 53 feet bgs and the groundwater flow direction was reportedly to the east with a hydraulic gradient of 0.27 ft/ft. Groundwater samples contained TPH-g concentrations ranging from 360 to 760 ug/l and detectable concentrations of benzene, toluene, xylenes, MTBE, TBA, and other VOCs.

In December 2005, Gradient Engineers, Inc. conducted groundwater monitoring at the site. Groundwater was present at the site at approximate depths of 43.5 to 50.8 feet bgs. The groundwater flow direction was reportedly to the north with a hydraulic gradient of 0.260 ft/ft. Groundwater samples collected from the wells contained TPH-g concentrations ranging from

below the detection limit to 1,000 ug/l and detectable concentrations of benzene, toluene, xylenes, MTBE, TBA, and other VOCs.

A January 17, 2006 letter issued by the DEH requested additional Environmental Site Assessment work be conducted at the site (Appendix A). Due to the lapse in time since the DEH letter was issued, changes in the regulatory framework, as part of preparing this proposal, we contacted Mr. James Clay, the current DEH specialist for this case to confirm that the subject January 17, 2006 DEH letter was their most recent correspondence. Mr. Clay confirmed in March 27, 2007 telephone conversation that this was their most recent correspondence and that we should base the proposed scope of work on the information they requested in their letter.

On May 3, 2007, a meeting was held with Mr. James Clay (DEH case specialist), Mr. Dane Clingan (DGS Project Manager), Mr. Scott Snyder (Ninyo & Moore Principal Hydrogeologist) and Mr. Peter Clark (Ninyo & Moore Project Manager) to discuss the site. Based on the site meeting, Mr. Clay issued an e-mail dated May 9, 2007 stating "Measure the groundwater gradient. Based on the results, submit a workplan to complete the assessment." A copy of the e-mail is included in Appendix A.

4. PROJECT OBJECTIVE

The project objective is to evaluate groundwater flow direction, gradient, and quality by installing additional wells and conducting groundwater monitoring. As requested by the DEH, the depth to groundwater will be measured in the existing groundwater monitoring wells and will be used to evaluate the groundwater flow direction and gradient. Based on this data two additional groundwater monitoring wells will be installed, one up gradient and one down gradient of the UST system release area, and the five wells will be monitored. The data will be used to evaluate whether the unauthorized release is suitable for regulatory closure or if additional assessment, sampling, and/or or remediation is warranted.

5. PHYSICAL SETTING

The following sections describe site topography and geology, and regional and site hydrogeology based on review of available background data.

5.1. Site Topography

Based on review of the United States Geological Survey (USGS), El Cajon, California, 7.5-minute quadrangle map, the site is situated at an elevation of approximately 400 to 420 feet above mean sea level (MSL). The parcel is located in Township 15 South, Range 1 West, Section 33. Surface drainage in the vicinity of the site is toward the northeast (USGS, 1967, photorevised 1975).

5.2. Site Geology

Based on the review of the Geologic Map of the El Cajon Quadrangle, San Diego County: A Digital Database, prepared by Siang S. Tan (California Department of Conservation, California Geological Survey, 2002), the site is underlain by late Pleistocene alluvial deposits generally consisting of moderately consolidated, poorly-sorted flood plain deposits consisting of gravelly, sandy silt and clay. Previously prepared boring logs and reports indicate the site is underlain by shallow subsurface materials consisting of 5 to 10 feet of fill. The fill is underlain by decomposed granite which was described as fine sand to fine to medium gravel (Gradient Engineers, Inc. 2001).

5.3. Hydrogeology

This section summarizes the regional hydrogeologic setting and site hydrogeologic conditions based on review of the referenced published and unpublished reports.

5.3.1. Regional Hydrogeologic Setting

Based on the review of available hydrogeologic data from the Regional Water Quality control Board (RWQCB) and the California Department of Water Resources (DWR), the site is located in the El Cajon Hydrologic Subarea, of the Lower San Diego Hydrologic Area which is within the San Diego Hydrologic Unit. The San Diego Hydrologic Unit is a long triangu-

lar-shaped area of about 440 square miles drained by the San Diego River. Annual precipitation ranges from less than 11 inches near the coast to approximately 35 inches inland.

The existing beneficial uses of groundwater in the Lower San Diego Hydrologic Area include domestic and municipal supply, and agricultural supply. Currently, there listed potential beneficial uses of groundwater for the Lower San Diego Hydrologic Area include industrial service and industrial process supply.

For the purposes of designating beneficial uses of surface water, the RWQCB has divided the region into watershed units, and the site is located in the San Diego River Watershed. The existing beneficial uses for inland surface waters in the Forester Creek area of the San Diego River Watershed include industrial service supply, contact and non-contact water recreation, warm freshwater habitat, wildlife habitat, and rare, threatened or endangered species. Currently, the potential beneficial uses of inland surface waters for the Forester Creek area of the San Diego River Watershed are domestic and municipal supply.

5.3.2. Site Hydrogeologic Conditions

On June 7, 2004, the depth to groundwater at the site ranged from 42.23 to 53.33 feet bgs and the groundwater flow direction was reported to be towards the east at a gradient of 0.270 ft/ft (Gradient Engineers, 2004). On December 29, 2004, the depth to groundwater at the site ranged from 43.51 to 50.80 feet bgs and the groundwater flow direction was reported to be towards the north at a gradient of 0.260 ft/ft (Gradient Engineers, 2004). Groundwater levels, gradient, and flow direction can fluctuate due to seasonal variations, irrigation, groundwater withdrawal or injection, and other factors.

6. FIELD ACTIVITIES

This section of the work plan provides information regarding procedures that will be used to conduct the proposed scope of work.

6.1. Work Plan Approval, Permits and Notifications

Ninyo & Moore will submit a copy of this work plan to the DEH for their review and approval. Drilling, soil sampling, groundwater monitoring well installation, well development, groundwater sampling and related field activities will be performed in general accordance with applicable portions of the latest version of the DEH, SAM manual. A permit for the installation of two groundwater monitoring wells will be submitted to the DEH for approval. As required, the DEH will be notified a minimum of 48 hours prior to the time that the permitted activity will take place. The DGS personnel will be similarly notified.

6.2. Site Safety

Ninyo & Moore will prepare a site health and safety plan (SHSP) which identifies the potential chemical and physical hazards that may be encountered during field activities at the site. In addition, the plan will provide guidelines for use of personal protective equipment based on site-specific conditions, location and directions to the nearest hospital, and contingency plans. The plan will be prepared in general accordance with Federal Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) Standard (29 CFR 1910.120) and Title 8 CCR Section 5192. The plan will be reviewed and approved by a certified industrial hygienist (CIH).

The SHSP will be on-site during field activities and site workers will be required to review and sign copies of the employee acknowledgment and field health and safety meeting forms, which are included in the SHSP. In addition, prior to beginning fieldwork at the site, Ninyo & Moore field personnel will conduct a tailgate meeting and discuss the key features of the plan.

6.3. Proposed Groundwater Monitoring Wells

Based on discussion with the DEH, two groundwater monitoring wells are proposed to be constructed at the site to approximate depths of 60 feet bgs. The depth to groundwater in the existing groundwater monitoring wells MW-1A through MW-3A will be measured and based on the estimated groundwater flow direction and gradient, one well will be installed upgradient and one well will be installed down gradient of the UST system release area. A

map indicating the proposed groundwater monitoring wells MW-4 and MW-5 locations will be sent to the DEH and DGS for their approval prior to installation. A groundwater monitoring well location map is presented as Figure 3.

6.4. Underground Utility Mark Out

A minimum of 48-hours prior to the start of drilling activities, Underground Service Alert, a public utility locator, will be notified about the proposed drilling activities. In addition, prior to drilling, a private geophysical company will assess each proposed boring/monitoring well location to evaluate and mark potential buried utilities or other subsurface anomalies. A combination of electromagnetic induction, magnetometry, and ground penetrating radar may be used during the survey. A utility locator with line tracing capabilities will also be used. Boring/monitoring well locations will be adjusted, as necessary, if subsurface utilities or anomalies are identified. If locations are significantly changed, additional underground utility clearance will be conducted.

6.5. Drilling and Sampling

Borings will be advanced using a drill rig operated by a bonded, C-57-licensed, drilling contractor with the appropriate current certificates, experience, and training. Borings will be drilled using the air percussion or air rotary drilling method. Borings will be drilled to depths of approximately 60 feet bgs, or refusal, whichever comes first. The drill rig operators will have current 40-hour OSHA HAZWOPER training.

Should any significant deviations from the proposed drilling and sampling protocol indicated in this work plan be required, it will be brought to the attention of the DGS project manager. Drilling and sampling activities will be performed by or under the direct supervision of a California Professional Geologist.

Soil samples will be collected from each boring at approximately 5-foot depth intervals or as field conditions allow. Soil samples will be collected with a standard penetration test (SPT) sampler lined with brass or stainless steel tubes. The sampler will be driven approximately 18 inches in advance of the air rotary or air percussion drilling bit by a 140-pound hammer fal-

ling 30 inches. Upon retrieving the sampler from the borehole, the least disturbed sample will be covered on both ends by Teflon™ sheeting, and sealed with plastic end caps. If no recovery occurs using the SPT sampler when using the air rotary or air percussion drilling method, samples will be collected from the soil cuttings and placed into laboratory supplied glass jars. Soil cuttings generated from the advancing of borings will be placed in properly labeled 55-gallon drums and temporarily stored on site pending disposal.

6.6. Groundwater Monitoring Well Installation, Development, and Sampling

Monitoring well casing will be constructed of flush-jointed, threaded, 2-inch inside-diameter (I.D.), schedule 40, polyvinyl chloride (PVC) pipe. Well screens will be constructed of machine slotted (0.020"), 2-inch I.D., schedule 40 PVC casing. No cement will be used to bond the PVC joints together. Clean, new screen and casing will be used to construct the wells. The well materials will be kept on plastic sheeting to avoid contamination until they are lowered down the boring. The screen/casing will be placed in the hollow-stem auger to center the well casing. The well screen(s) will extend approximately 10 feet below groundwater and 10 feet above groundwater.

Upon installation of the casing, a filter pack consisting of No. 3 sized Monterey sand or equivalent, will be placed in the annulus between the well casing and the boring wall to approximately 2 feet above the top of the screened interval. The filter pack will be periodically measured to monitor the depth and to locate any points of bridging between the well casing and the boring wall. Before placing the bentonite seal, the depth to the filter pack will be confirmed and additional sand will be added if necessary. After the filter pack has been placed, a minimum 3-foot thick bentonite seal (either granular or pellet form) will be placed in the annulus above the filter pack. The bentonite will be saturated and allowed to hydrate for 15 minutes. After the bentonite seal has hydrated, the remaining annulus will be filled with bentonite grout using a tremie pipe to 3 feet bgs. A traffic-rated well box will be installed and will be slightly elevated to prevent water infiltration.

In an attempt to promote a good hydraulic connection with the aquifer, each monitoring well will be developed to flush the borehole interface, clean the well screen and filter pack, repair damage that may have occurred to the formation during drilling, and help prevent future movement of sediment into the casing. Groundwater monitoring wells will be developed a minimum of 72 hours after well construction. The groundwater monitoring wells will be developed using a surge block and bailer or pumping. The groundwater temperature, pH, electrical conductivity (EC), and turbidity will be measured in the field, and recorded during well development.

A groundwater sample will be collected from each of the five groundwater monitoring wells. Groundwater monitoring wells will be sampled a minimum of 72 hours after well development. Prior to sampling, the depth to groundwater will be measured using an electric, water level sounder. The measurements will be recorded from the top of the well casing to the nearest 0.01 foot. Groundwater elevations will be calculated from surveyed benchmarks and will be recorded relative to MSL. Before sampling, standing water in the casing and gravel pack will be removed from the monitoring well using a disposable bailer. Based on the water level measurement, well depth and the inside casing diameter, a well volume will be calculated and approximately three well volumes will be purged. Wells providing insufficient yield will be purged dry once, allowed to recover to at least 80 percent of static groundwater elevation, and then sampled. Purged water samples will be monitored for pH, temperature, EC, and turbidity. When the purge water parameters have stabilized to within 10 percent variability, samples will be collected for chemical analysis. Sampling data will be documented on monitoring well summary forms, which include the sampler's name, monitoring well identification, stabilization parameters, purge volume, turbidity, well recovery data (depth to groundwater before and after purging), date, and time sample was collected.

Groundwater samples will be collected with new plastic disposable bailers and dispensed into appropriate, laboratory-supplied containers. For samples to be analyzed for volatile organics, no head space will be allowed. The samples will be immediately placed into coolers containing blue ice, and delivered to an analytical laboratory as soon as practicable, usually

within 24 hours of collection. A chain-of-custody (COC) record will be used for description, possession, condition, and transfer of samples.

The top of monitoring well cover elevations, top of well casing elevations, and distances between wells (if applicable) will be surveyed by a licensed surveyor and tied into an existing benchmark. The survey will be conducted in accordance with Geotracker requirements as defined by AB 2886.

6.7. Sample Labeling, Containers, Preservatives, and Holding Times

Soil and groundwater samples collected from each location will be placed into appropriate containers provided by the analytical testing laboratory. The containers will be labeled with pertinent information. The labels, written in indelible ink, will contain the following information:

- project name,
- unique sample identification number,
- project location,
- date and time of collection,
- sampler's initials,
- sample preservative (if applicable), and
- analyses to be performed.

Sample identification numbers will be designated according to the following procedure:

- B1-05 = Boring B1, soil sampled at a depth of 5 feet bgs,

6.8. Chain-of-Custody

Sample custody procedures will be followed through sample collection, transfer, analysis, and disposal to document the integrity of samples. Field personnel will log individual samples onto triplicate COC forms at the time the sample is collected. Information for each sample to be recorded on the COC form includes sample identification number, matrix, date and time of collection, number and type of containers, analytical methods to be performed on the sample, laboratory turn-around time, and preservation method. Upon relinquishing the samples, the sampler will sign, date and time the COC form as the sample collector. The person accepting the samples will concurrently sign, date and time, the COC form upon receipt. Each party accepting

and relinquishing the samples will sign in turn, including the person accepting the samples at the laboratory. The COC documentation shall accompany the samples from the field to the laboratory. The sampler will retain one copy of the COC form.

6.9. Analytical Testing

Soil samples collected from the borings will be analyzed for TPH by USEPA test method 8015M. The soil sample containing the highest TPH concentration from each boring, if detected, will be analyzed for volatile organic compounds (VOCs) and fuel oxygenates by USEPA test method 8260B, and for total lead by USEPA test method 6010B.

The groundwater samples will be analyzed for TPH by USEPA test method 8015M, and for VOCs and oxygenates by USEPA test method 8260B, and for total lead by USEPA test methods 6010. The TPH, VOCs, oxygenates, and total lead soil and groundwater analyses will be conducted at a State of California-certified fixed-based laboratory.

6.10. Field Documentation

The following documentation will be prepared while in the field.

6.10.1. Daily Field Logs

Daily field logs will be prepared by the field personnel and include a chronological log of field activities performed, deviations from the work plan, if any, visitors to the site, if any, and other pertinent information.

6.10.2. Soil Sampling Documentation

Boring logs will be prepared by the field personnel. The boring logs, at a minimum, will include the following project information:

- project number,
- drilling method,
- contractor's name,
- soil sample intervals,
- ground elevation and coordinates,

- drilling date,
- boring diameter,
- total depth drilled,
- abandonment method if applicable, and
- completion date.

The boring logs will contain detailed descriptions, which include:

- major soil components and secondary components,
- appropriate Unified Soil Classification System (USCS) symbols, as applicable,
- color, consistency, texture, and moisture content,
- photoionization detector (PID) measurements,
- appropriate geologic name (as applicable),
- depths of lithologic changes, and
- water-bearing zone information.

6.11. Decontamination Procedures for Non-Sample Contacting Equipment

Drilling equipment and tools will be decontaminated by the drilling contractor prior to drilling operations and between borings. Drilling equipment will be decontaminated using a high temperature, high pressure wash system.

6.12. Decontamination Procedures for Sample Contacting Equipment

Non-disposable and non-dedicated tools which contact the samples or are introduced into borings will be decontaminated prior to the collection of each sample and between each boring location. This may include sample-related equipment such as the SPT sampler and a water level probe, as applicable.

Equipment will generally be decontaminated according to the procedure described below.

- A 5-gallon bucket will be filled approximately half way with potable water. A non-phosphate, laboratory grade detergent (e.g., Liquinox®) will be mixed into the container.
- Sampling equipment will be placed into the bucket and scrubbed with a stiff-bristled brush.
- The equipment will be transferred into a second wash bucket partially filled with potable water and rinsed.

- The equipment will be rinsed with distilled water.
- Rinse waters will be changed as needed.
- Decontamination fluids were placed into appropriately labeled, 55-gallon, Department of Transportation (DOT)-compliant drums for subsequent disposition.

6.13. Soil and Fluid Disposal

Soil cuttings generated during advancement of the borings will be placed into an appropriately labeled, DOT-compliant, 55-gallon drums. Decontamination fluids, well development water, and purge water from sampling activities will be placed into separate properly labeled 55-gallon drums. Drums will remain on site pending review of the analytical data to evaluate disposal options.

6.14. Air Monitoring During Drilling

Ambient air quality will be monitored during drilling and sampling activities according to the guidelines established in the SHSP. The frequency of air monitoring intervals will depend on such factors as type of contaminant(s), weather conditions (e.g., wind direction and velocity), location and proximity of sensitive receptors, and drilling conditions. A PID or equivalent device will be used to monitor concentrations of total VOCs in the breathing space at worker chest level.

Prior to initiating drilling activities, the PID will be calibrated according to the manufacturer's instructions. More frequent calibration may be performed based on actual site conditions (e.g., saturation of the detector, potential health hazard). If total VOC concentrations at worker chest level exceed the level specified in the SHSP, drilling will be stopped and appropriate action taken according to the SHSP.

7. DATA COMPILATION AND REPORT PREPARATION

Following completion of the site assessment activities, the data will be summarized into a report that will at a minimum include descriptions of field methodologies utilized, a summary of findings, tabulated analytical data, the analytical report accompanied with chain of custody and

quality assurance/quality control documentation, appropriate figures and tables, conclusions, and recommendations. Soil and groundwater analytical data and applicable survey data and maps will be sent to the RWQCB in Geotracker format. Ninyo & Moore will prepare and submit a 60-day boring permit report for submittal to the DEH to fulfill the permit requirements.

8. SCHEDULE OF PROPOSED WORK

Ninyo & Moore will submit a copy of this workplan to the DEH for their review and approval. Ninyo & Moore will obtain current depth to groundwater to evaluate groundwater flow direction and gradient and provide a map showing the locations of the proposed additional groundwater monitoring wells to the DEH for approval. Following approval of the workplan and authorization to proceed from DGS, Ninyo & Moore will initiate subsurface site assessment activities within three to four weeks depending on subcontractor availability. A report documenting site assessment activities will be prepared and submitted to the DGS and the DEH within three to four weeks of receiving the final analytical laboratory data.

9. SELECTED REFERENCES

- Burns & McDonnell, 1998, Underground Storage Tank Closure Report, San Diego County Santee Service Station, 1840 Weld Boulevard, Santee, California, EST. No. H04831: dated October 28.
- Burns & McDonnell, 1999, Site Assessment Work Plan for Santee Service Station, 1840 Weld Boulevard, Santee, California, 92020: dated March 22.
- Burns & McDonnell, 1999, Revised Site Assessment Work Plan for Santee Service Station, 1840 Weld Boulevard, Santee, California, 92020: dated June 24.
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- California Regional Water Quality Control Board (CRWQCB), 1994, Comprehensive Water Quality Control Plan Report, San Diego Basin (9), prepared with the San Diego Regional Water Quality Control Board.
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- County of San Diego, Department of Environmental Health, Site Assessment and Mitigation Division, Land and Water Quality Division, 2004, Unauthorized Release #H04831-001, Santee service Station, 1840 Weld Boulevard, El Cajon, CA: dated September 11.
- County of San Diego, Department of Environmental Health, Site Assessment and Mitigation Division, Land and Water Quality Division, 2006, Unauthorized Release #H04831-001, County of San Diego, Department of Public Works, 1840 Weld Boulevard, El Cajon, CA: dated January 17.
- City of El Cajon Building Division, 1998, Fire/Building Permit, Removal of 3 UG tanks and installation of one new tank, 1840 Weld Blvd, El Cajon, California: dated July 21.
- City of El Cajon Building Division, 1998, Electrical Permit, Permit for the Installation of Electrical Support in new tank: dated July 21.
- County of San Diego, Department of Environmental Health, 1998, Permit Application Underground Hazardous Materials Testing: dated July 31.
- County of San Diego Department of Environmental Health, 1998, Plan Check Corrections and Comments for Underground Storage Tank System: dated August 17.
- Gradient Engineers, 2001, Phase II Environmental Assessment of Former Underground Storage Tanks, County of San Diego, Department of General Services, Santee Service Station, 1840 Weld Boulevard, El Cajon, California, SD/DEH Case Number H04831-001: dated March 15.
- Gradient Engineers, 2003, Third and Fourth Quarter 2002 Groundwater Monitoring and Sampling Report, County of San Diego, Department of Public Works, Santee Service Station, 1840 Weld Boulevard, El Cajon, California, SD/DEH/SAM Case No. H04831-001: dated April 18.

Gradient Engineers, 2003, Third Quarter 2003 Groundwater Monitoring and Sampling Report, County of San Diego, Department of Public Works, Santee Service Station, 1840 Weld Boulevard, El Cajon, California, SD/DEH/SAM Case No. H04831-001: dated July 29.

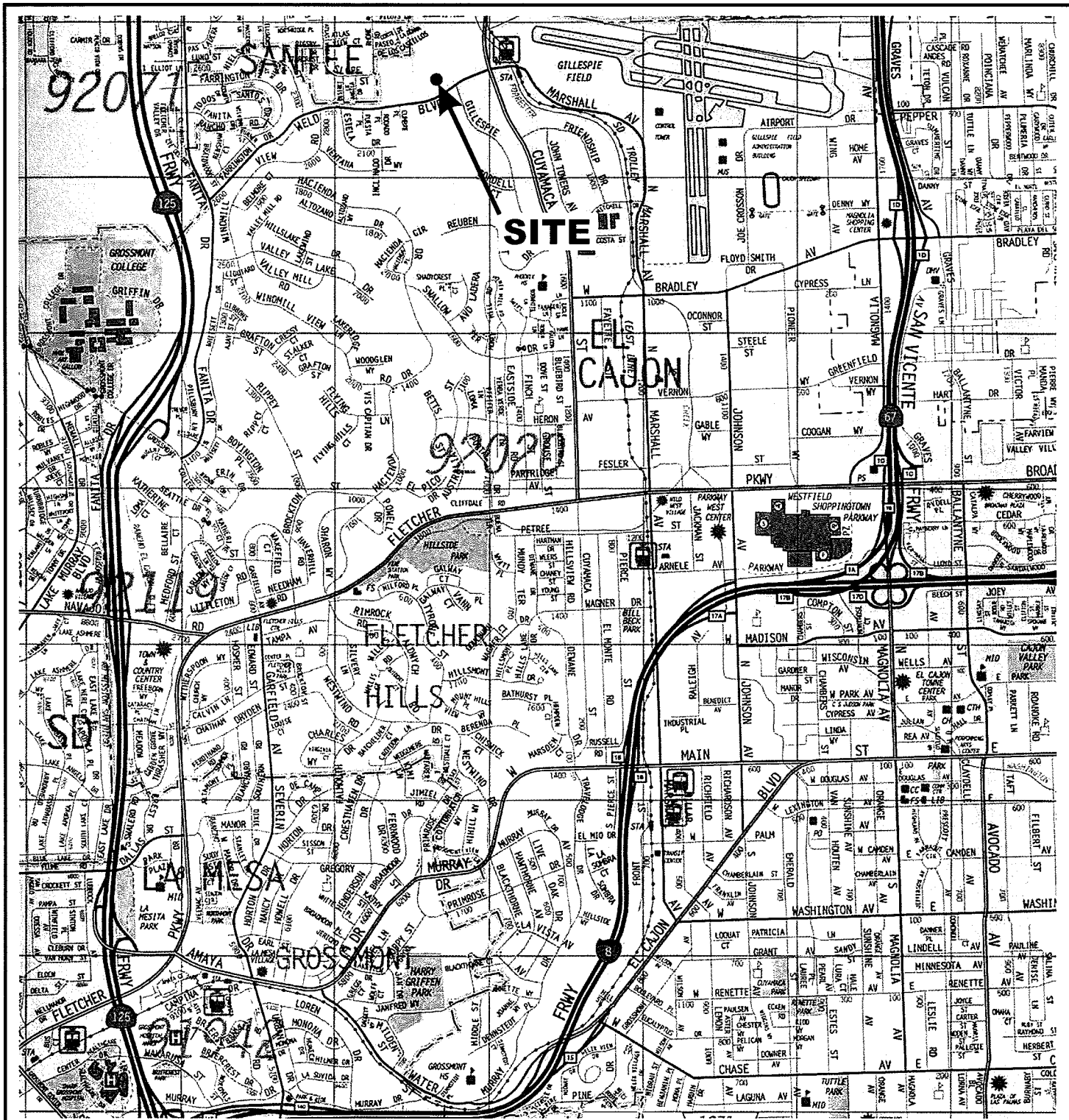
Gradient Engineers, 2004, Supplemental Groundwater Assessment and 2004 Annual Groundwater Monitoring and Sampling Report, County of San Diego, Department of Public Works, Santee Service Station, 1840 Weld Boulevard, El Cajon, California, SD/DEH/SAM Case No. H04831-001: November 11.

Gradient Engineers, 2005, Fourth Quarter Groundwater Monitoring and Sampling Report, County of San Diego, Department of Public Works, Santee Service Station, 1840 Weld Boulevard, El Cajon, California, SD/DEH/SAM Case No. H04831-001: November 11.

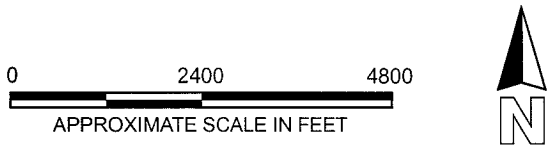
Track Info Services, LLC, 2006, Environmental FirstSearch™ Report, 1840 Weld Boulevard, El Cajon, California: dated February.

Tan, Siang S, 2002, Geologic Map of the El Cajon 7.5' Quadrangle, San Diego County, California, Department of Conservation, California Geological Survey: dated July 27.

U.S. Geological Survey, 1967 (photorevised 1975), El Cajon Quadrangle – San Diego County, 7.5 minute series (topographic).



REFERENCE: 2005 THOMAS GUIDE FOR SAN DIEGO COUNTY, STREET GUIDE AND DIRECTORY.



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ningo & Moore

SITE LOCATION MAP

FIGURE

1

PROJECT NO.

DATE

COUNTY OF SAN DIEGO, SANTEE SERVICE STATION
1840 WELD BOULEVARD
EL CAJON, CALIFORNIA

106082001

7/07

LUBE & WASH
BLDG

BLDG A

BLDG B

APPROXIMATE
AREA OF FIGURE 3

DPW
Solid Waste

SOURCE: GRADIENT ENGINEERS, INC. FEBRUARY 7, 2005



NO SCALE

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

SITE PLAN

FIGURE

PROJECT NO.

DATE

COUNTY OF SAN DIEGO, SANTEE SERVICE CENTER
1840 WELD BOULEVARD
EL CAJON, CALIFORNIA

2

106082001

7/07

Existing building

Former dispenser island and dispensers

MW-3A
(368.55)

MW-3
368

B-1

364

366

Gas dispenser

Canopy

362
362

MW-1

MW-2

(0.260)

Existing dispenser island
368

B-2

Extent of former dispenser
island excavation

Former
subsurface
dispenser
piping

Extent of underground
storage tank excavation


Former 6,000-gal.
gasoline UST


Existing 12,000-gal.
gasoline UST



NORTH

LEGEND

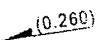
MW-3A  Monitoring wells re-installed on May 17 and 18, 2004

MW-3  Monitoring wells installed in October 2000 (inactive)

● Soil borings drilled in November 2000

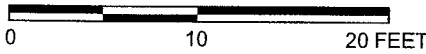
(368.55) Groundwater elevation in feet above MSL

SOURCE 368 — Groundwater elevation contour in feet above MSL

 (0.260) Hydraulic gradient (in ft./ft.)

N

APPROXIMATE SCALE



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

GROUNDWATER MONITORING WELL LOCATION MAP

FIGURE

PROJECT NO.

DATE

COUNTY OF SAN DIEGO, SANTEE SERVICE CENTER
1840 WELD BOULEVARD
EL CAJON, CALIFORNIA

3

106082001

7/07

APPENDIX A
BACKGROUND INFORMATION



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION

P.O. BOX 128261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-9933

www.sdcountry.ca.gov/deh/lwq

January 17, 2006

Ms. Kathleen Hider
County of San Diego
Department of Public Works
5555 Overland Avenue, Building 6 (MS-0340)
San Diego, California 92123

Dear Ms. Hider:

UNAUTHORIZED RELEASE #H04831-001
COUNTY OF SAN DIEGO, DEPARTMENT OF PUBLIC WORKS
1840 WELD BOULEVARD, EL CAJON, CA

Staff of the Department of Environmental Health (DEH) reviewed the November 11, 2004 *Supplemental Groundwater Assessment and 2004 Annual Groundwater Event*, prepared by Gradient Engineers, Inc. Based on the information submitted, DEH requires that you install a downgradient groundwater monitoring well and conduct groundwater monitoring/sampling of existing wells. In addition, site location maps in subsequent maps must illustrate the area topography. Submit a workplan within 60 days from the date of this letter to assess the contaminant plume.

If you have any questions, please call me at (619) 338-2205.

Sincerely,


JAMES CLAY, Environmental Health Specialist
Site Assessment and Mitigation Program

JC:kd

cc: Mr. Tom Mills, Gradient Engineers, Inc.

WP/H04831-001-106SAR

Peter Clark

From: Clay, James [James.Clay@sdcounty.ca.gov]
Sent: Wednesday, May 09, 2007 8:23 AM
To: Peter Clark
Cc: Clingan, Dane; Scott Snyder
Subject: RE: Task Orders 3 thru 7

Peter,

Based on our meeting, here is the DEH direction regarding these cases. Please let me know if you have any questions.

N&M Project No. 106080001 - Co. San Diego DGS/1745 North Marshall Avenue/EI Cajon - Unauthorized release #H05234-001

Submit a workplan to install a minimum of two groundwater monitoring wells downgradient of the UST system (northwest of MW-6).

N&M Project No. 106081001 - Co. San Diego DGS/1251 North Union Street/San Diego - Unauthorized release #H14741-001

Submit a workplan to advance a boring in the south part of the former UST pit to delineate vertical contamination. If groundwater is encountered before the vertical delineation is complete, collect a groundwater sample. Also install a groundwater monitoring well downgradient (southwest) of the oil contamination detected between the two former USTs.

N&M Project No. 106082001 - Co. San Diego DGS/1840 Weld Boulevard/EI Cajon - Unauthorized release #H04831-001

Measure the groundwater gradient. Based on the results, submit a workplan to complete the assessment.

N&M Project No. 106083001 - Co. San Diego DGS/333 South Melrose Drive/Vista - Unauthorized release #H23549-001

Submit a workplan to install one monitoring well (as opposed to three groundwater monitoring wells) in the previous B-3 location since it displayed the highest soil concentrations.

N&M Project No. 106084001 - Co. San Diego DGS/500 3rd Avenue/Chula Vista - Unauthorized release #H14740-002

will be drafting up a No Further Action Letter on this case due to the fact that the previous case (in nearby location) was closed with comparable contaminant levels.

From: Peter Clark [mailto:pclark@ninyoandmoore.com]
Sent: Tuesday, April 24, 2007 11:39 AM
To: Clay, James
Cc: Clingan, Dane; Scott Snyder
Subject: FW: Task Orders 3 thru 7

5/9/2007

Subject: FW: Task Orders 3 thru 7

Hi James,

We would like to meet with you on Thursday May 3rd, 2007 at 9:00am to discuss the following five County of San Diego Department of General Services Sites.

N&M Project No. 106080001 - Co. San Diego DGS/1745 North Marshall Avenue/El Cajon - Unauthorized release #H05234-001

N&M Project No. 106081001 - Co. San Diego DGS/1251 North Union Street/San Diego - Unauthorized release #H14741-001

J&M Project No. 106082001 - Co. San Diego DGS/1840 Weld Boulevard/El Cajon - Unauthorized release #H04831-001

N&M Project No. 106083001 - Co. San Diego DGS/333 South Melrose Drive/Vista - Unauthorized release #H23549-001

J&M Project No. 106084001 - Co. San Diego DGS/500 3rd Avenue/Chula Vista - Unauthorized release #H14740-002

We can meet at the DEH building or at Ninyo & Moore's office at 5710 Ruffin Road.

Please reply to this e-mail to confirm date, time, and preferred meeting location.

Thanks-

Pete

-----Original Message-----

From: Peter Clark
Sent: Monday, April 23, 2007 1:59 PM
To: 'Clingan, Dane'
Subject: FW: Task Orders 3 thru 7

Hi Dane,

I would like to know what day is best for you to meet with James Clay, DEH Case Specialist, me and Scott Snyder, to discuss the five sites?

I talked to James Clay, he is available on Tuesday May 1, Wednesday May 2, or Thursday May 3. He would like to meet in the morning.

I would also like the contact name and phone number for each of the five sites so I could visit each site this week. I would also like electronic or paper copies of site maps and utility maps for each of the five sites. I have already received a site map of the 333 South Melrose Drive, Vista, site.

Best Regards-

Pete

-----Original Message-----

From: Peter Clark
Sent: Tuesday, April 17, 2007 11:03 AM
To: Scott Snyder
Subject: FW: Task Orders 3 thru 7

I talked to James Clay, he is available on Tuesday May 1, Wednesday May 2, or Thursday May 3. He would like to meet in the morning.

4/2007

Let me know your schedule.

Thanks-

Pete

-----Original Message-----

From: Peter Clark

Sent: Tuesday, April 17, 2007 10:48 AM

To: Scott Snyder

Cc: Stephan Beck; Sree Gopinath

Subject: FW: Task Orders 3 thru 7

Hi Scott,

I am planning to conduct site reconnaissance's at all five sites early to middle of next week.

I will contact James Clay (DEH case specialist for all five sites) to see what his availability for a meeting to evaluate the proposed scope of work for each work plan and the data that will be required to evaluate each site for regulatory closure.

Please call me to discuss your schedule.

Thanks-

Pete

-----Original Message-----

From: Clingan, Dane [mailto:Dane.Clingan@sdcounty.ca.gov]

Sent: Tuesday, April 17, 2007 10:29 AM

To: Peter Clark

Subject: Task Orders 3 thru 7

Pete,

I got your message, good. I've attached the approved task orders for the 5-other sites. This is like your notice to proceed.

I available anytime next week to meet with DEH, Let me know.

Thanks

Dane

Dane Clingan

Project Manager

Department of General Services

858-694-3627 Office

858-694-3151 FAX



JC

County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-9933
www.sdcounty.ca.gov/deh/lwq

January 17, 2006

Ms. Kathleen Hider
County of San Diego
Department of Public Works
5555 Overland Avenue, Building 6 (MS-0340)
San Diego, California 92123

Dear Ms. Hider:

UNAUTHORIZED RELEASE #H04831-001
COUNTY OF SAN DIEGO, DEPARTMENT OF PUBLIC WORKS
1840 WELD BOULEVARD, EL CAJON, CA

Staff of the Department of Environmental Health (DEH) reviewed the November 11, 2004 *Supplemental Groundwater Assessment and 2004 Annual Groundwater Event*, prepared by Gradient Engineers, Inc. Based on the information submitted, DEH requires that you install a downgradient groundwater monitoring well and conduct groundwater monitoring/sampling of existing wells. In addition, site location maps in subsequent maps must illustrate the area topography. Submit a workplan within 60 days from the date of this letter to assess the contaminant plume.

If you have any questions, please call me at (619) 338-2205.

Sincerely,


JAMES CLAY, Environmental Health Specialist
Site Assessment and Mitigation Program

JC:kd

cc: Mr. Tom Mills, Gradient Engineers, Inc.

WP/H04831-001-106SAR



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION

RICHARD HAAS
ASSISTANT DIRECTOR

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-9933
www.sdcounty.ca.gov/deh/lwq

July 13, 2005

KATHLEEN HIDER
COUNTY OF SAN DIEGO, DPW
5555 OVERLAND AV, BLDG 6, MS-0340
SAN DIEGO, CA 92123

Dear Responsible Party:

GEOTRACKER AND LANDOWNER NOTIFICATION REQUIREMENTS
COUNTY OF SD- FLEET SERVICE - H04831-001
1840 WELD BL, EL CAJON 920201067

This letter is to remind the primary or active Responsible Party of an Underground Storage Tank (UST) Unauthorized Release of the responsibility for the uploading of certain reports and data to the State Water Resources Control Board's (SWRCB) Geotracker geographic information system; that the County of San Diego, Department of Environmental Health, Site Assessment and Mitigation Program (SAM), will continue to require a paper copy of all reports and data submittals; and that you need to submit a letter to SAM which identifies all current record owners of fee title (owners on the title or deed) to the property where the release occurred.

In 2001, the SWRCB passed emergency regulations for the submittal of data collected at Unauthorized Release sites to Geotracker; this regulation became permanent on January 1, 2005. Below is a summary of the California Code of Regulations Title 23, Chapter 30, Article 2, regarding what data and information are required to be uploaded to Geotracker, and when the requirement became effective:

- Soil and water analyses – effective September 1, 2001
- Surveyed location of wells/borings from which samples are collected – effective January 1, 2002
- Complete reports/data, boring logs, depth of screened interval and length of well screen - effective January 1, 2005
- Submittal of electronic information replaces the requirement for submittal of paper copies, although a regulatory agency may require the submittal of a report, or portions thereof, in alternative form - effective July 1, 2005
- **SAM will continue to require a paper copy of all reports and data submittals.**
- **Please continue to submit all data elements to Geotracker. The submittal of a report does not relieve you of the responsibility for submitting the other data elements.**

For additional information related to Electronic Submittal of Information and Geotracker please see the SWRCB's web pages:

- Geotracker, Frequently Asked Questions (FAQs) web page:
http://www.waterboards.ca.gov/ust/cleanup/electronic_reporting/faq.html
- Electronic Submittal of Information to Geotracker:
http://www.waterboards.ca.gov/ust/cleanup/electronic_reporting/index.html

The Health and Safety Code, Section 25297.15, requires the primary or active responsible party to notify all current record owners of fee title of an Unauthorized Release Site before SAM considers proposals for cleanup, considers a proposal for site closure, or issues a site closure letter. If you are the active responsible party and the only property owner on the title, we need to receive a letter certifying that to be the case; otherwise we need a letter identifying all current record owners of fee title. If there are owners in addition to the primary responsible party, the primary responsible party must certify to SAM that the owners have been notified when a cleanup proposal or site closure proposal is made, or before SAM makes a determination that no further action is required. In addition, if property ownership changes, the primary responsible party must notify SAM of the change within 20 calendar days of being informed of the change. Please see the attached "List of Landowners Form", which will aid in providing the landowner fee title information. Faxes may be sent to (619) 338-2315.

For additional information related to Landowner Notification and Participation Requirements please see the SWRCB's web page: http://www.waterboards.ca.gov/ust/leak_prevention/lgs/158.html

SAM will not be able to close your Unauthorized Release case until all required information has been submitted to Geotracker and until proper notifications to all property owners have been made. In addition, if the required information is lacking it could impede your reimbursement from the UST Cleanup Fund.

If you have any questions, please contact me at (619) 338-2259, and faxes may be sent to (619) 338-2315.

Sincerely,



GEORGE E. McCANDLESS, Supervisor
Site Assessment and Mitigation Program

GEM:kd

Enclosure

cc: Case File - JAMES CLAY, SAM

04 NOV 15 PM 12: 24

SUPPLEMENTAL GROUNDWATER ASSESSMENT AND 2004 ANNUAL
GROUNDWATER SAMPLING EVENT
COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
SANTEE SERVICE STATION
1840 WELD BOULEVARD
EL CAJON, CALIFORNIA
SD-DEH/SAM CASE NO. H04831-001

Prepared For:

**County of San Diego,
Department of Public Works**
5555 Overland Avenue, Building 6 (MS-0340)
San Diego, California 92123

Project No. 300860006

November 11, 2004



Gradient Engineers, Inc.

A LEIGHTON GROUP COMPANY



Gradient Engineers, Inc.

A LEIGHTON GROUP COMPANY

November 11, 2003

Project No. 300860006

To: County of San Diego
Department of Public Works
5555 Overland Avenue, Building 6 (MS-0340)
San Diego, California 92123

Attention: Kathleen Hider

Subject: Supplemental Groundwater Assessment and 2004 Annual Groundwater Monitoring Event, County of San Diego, Department of Public Works, Santee Service Station, 1840 Weld Boulevard, El Cajon, California, SD-DEH/SAM Case No. H04831-001

Introduction

This report presents the results of the supplemental groundwater assessment and 2004 annual groundwater monitoring event performed on May 17, 18 and June 7, 2004. The location of the subject property is shown on the Site Location Map (Figure 1). The site is shown in additional detail on the Site Plan (Figure 2). This groundwater assessment and monitoring event was performed by Gradient Engineers, Inc. (Gradient) under contract to the County of San Diego, Department of Public Works (SD-DPW).

Scope of Work

The objective of the supplemental groundwater assessment was to re-install monitoring wells MW-1, MW-2 and MW-3 based upon a well screen interval below the surface of the groundwater. Previous wells were screened across the water table based on depth to water encountered during drilling. Newly installed monitoring wells (MW-1A, MW-2A and MW-3A) were sampled to

obtain additional analytical and physical data to assess the concentration of total petroleum hydrocarbons (TPH as gasoline and diesel), volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, xylenes (BTEX) and oxygenates more representative of the groundwater table. The locations of the three new groundwater wells that were monitored are shown on Figure 3.

Site Background

On August 26, 1998, two 6,000-gallon gasoline underground storage tanks (UST), one 300-gallon waste oil UST, a waste oil sump within a maintenance pit and associated piping were removed from the Site. Soil samples were collected below the removed USTs and the two dispensers for the gasoline USTs. Petroleum hydrocarbons were not detected in the samples collected from below the three USTs. Total Petroleum Hydrocarbons as gasoline (TPHg) and diesel (TPHd) were detected in the soil samples collected from below the two former gasoline dispensers. TPHg was detected at concentrations ranging from 340 to 17,000 mg/kg. TPHg was also detected in two of the three piping samples at concentrations of 26 mg/kg and 421 mg/kg. TPHd (1,100 mg/kg) was also detected in the sample with a TPHg concentration of 17,000 mg/kg. Since only gasoline was stored in the two former USTs, the TPHd detected in this sample most likely represents the same carbons that are detected by the TPHg EPA method (C4-C12) and the same carbons that are detected by the TPHd EPA test method (C10-C24).

Approximately 115 cubic yards of soil was excavated from beneath the fuel dispenser island in an attempt to remove the existing impacted soil. TPHg was detected in seven of the 11 excavation samples collected from the base and sidewalls of the excavation. The TPHg concentrations ranged between 111 mg/kg to 1,005 mg/kg. TPHd was not detected in any of the 11 samples collected from the excavation. The excavated soil was removed from the Site and transported to Candelaria Environmental Company Biotreatment Facility in Anza, California. The dispenser excavation was backfilled with previously excavated, non-petroleum impacted soil from the gasoline and waste oil USTs' excavations. A 12,000-gallon gasoline UST was installed



in the former UST excavation. The location of the existing UST is shown on Figure 2. The waste oil excavation was backfilled with 3/8-inch crushed rock.

A soil sample was collected below the former waste oil UST and sump. Total Recoverable Petroleum Hydrocarbons (TRPH) was not detected in the sample below the removed waste oil tank and 27,000 mg/kg of TRPH was detected below the sump. On February 23, 1999, pea gravel was removed from the pit, and the base of the concrete maintenance pit was jackhammered. Three soil samples were collected at 2 feet below the base of the pit, or approximately 8 feet below grade. Total Recoverable Petroleum Hydrocarbons (TRPH) were detected in each sample at concentrations ranging from 91 to 268 mg/kg.

Based on the background information, Burns and McDonnell (1999) prepared a site assessment work plan to assess the vertical and horizontal extent of petroleum hydrocarbons in the subsurface in the area of the former fuel dispenser island and beneath the former maintenance pit inside the maintenance building. On April 13, 1999, the San Diego County-Department of Environmental Health (SD-DEH, 1999) prepared a response to the Burns and McDonnell work plan.

On April 27, 2000, Gradient, on behalf of the SD-DPW, submitted an addendum site assessment work plan to SD-DEH for review and approval (Gradient, 2000). On May 8, 2000, SD-DEH approved the addendum work plan.

On October 30th and 31st, November 1st, and 17th, 2000, Gradient was on site to observe the drilling of three soil borings (B1, B2 and B3), and three monitoring wells (MW-1, MW-2 and MW-3). The soil borings and monitoring well locations are shown on Figures 3a and 3b. MW-1 is located in the area previously identified as petroleum impacted soils noted by Burns & McDonnell in August of 1998.



West Hazmat Drilling of San Diego installed monitoring wells (MW-1, MW-2 and MW-3) to a depth of 75 feet bgs. Exploratory borings (B1 and B2) were drilled to a depth of 50 feet bgs. Borings were drilled using a hollow stem auger and air rotary rig. Groundwater was encountered during the time of drilling at approximately 65 feet bgs. The PVC screened intervals were set at 60 to 75 feet bgs for all monitoring wells based on the groundwater depth at time of drilling. Due to the extremely slow recharge of the groundwater through the bedrock during the time of installation an accurate level of static groundwater was unable to be determined. Soil samples were collected at 5 feet bgs in Boring B-1 and at 5 and 10 feet bgs in boreholes B-2, MW-1, MW-2 and MW-3.

On September 2003, SD-DEH issued a letter determining that the screened interval of existing wells MW-1, MW-2 and MW-3 were screened below the water table and that the wells needed to be re-installed.

Summary of Previous Ground Water Monitoring

Between December 14, 2000 and March 10, 2003, Gradient measured the depth to groundwater in the three monitoring wells, MW-1 through MW-3, prior to purging and sampling in accordance to the SD-DEH guidelines. During the past ten monitoring events gradient submitted groundwater samples to be analyzed for TPHg, TPHd, VOCs plus oxygenates including BTEX and MtBE.

TPHg concentrations have remained non-detectable for two of the three wells for a minimum of four monitoring events. TPHd concentrations have remained non-detectable for the past ten monitoring events. Benzene, MtBE and other VOCs levels continue to decrease over time in all monitoring wells. Table 2 is a summary of historical groundwater quality data for the previous ten monitoring events.



Site Geology and Hydrogeology

The site is underlain by shallow subsurface materials consisting of 5 to 10 feet of fill. Decomposed granite or granitic bedrock was encountered below the fill in all of the borings, except boring B-4, which was terminated at 4 feet bgs at a concrete slab.

The Site is located in the El Cajon Sub-area of the San Diego Hydrologic Unit (RWQCB, 1994). The beneficial uses for the groundwater in the sub-area include municipal and agricultural uses.

Ground Water Monitoring Well Installation

On May 17 and 18, 2004, Gradient was onsite to observe the re-installation of the three (3) existing groundwater monitoring wells MW-1, MW-2 and MW-3. The three new soil borings were installed using air-rotary drilling methods and then converted to monitoring wells. Monitoring well MW-1A, MW-2A and MW-3A were completed to depths of 61, 56, and 58 feet bgs respectively. Screened intervals were set at 41' to 61' for MW-1A, 36' to 56' for MW-2A and 38' to 58' for monitoring well MW-3A.

Soil samples were collected at MW-1A/5-6.5 and MW-3A/5-6.5. No other soil samples were obtained based upon sample recovery during air rotary drilling operations. The location of the three (3) new monitoring wells designated as MW-1A, MW-2A and MW-3A are located adjacent to the corresponding existing location (Figure 2). Previously existing monitoring wells MW-1 through MW-3 will be abandoned upon case closure of the Site. A copy of the monitoring well construction permit is attached as Appendix E.

Soil cuttings were temporarily stored onsite in eight (8) appropriately labeled United Nations (UN) approved 55-gallon drums. The soil samples were visually classified using the Unified Soil Classification System. The boring logs are presented in Appendix B. The soil samples with a



completed Chain-of-Custody record were delivered to a California certified laboratory, Sierra Analytical (Sierra) of Laguna Hills, California, for chemical analysis.

Ground Water Monitoring Levels

Prior to well purging on June 7, 2004, static water level measurements were recorded to the nearest 0.01-foot from a reference point on the rim of each PVC well casing. It should be noted that static water levels were also obtained for previously installed wells MW-1, MW-2 and MW-3 for reference purposes only. No liquid phase hydrocarbons (LPH) was noted in the wells (MW-1A, MW-2A and MW-3A). The depth to groundwater in the wells ranged from 42.23 to 53.33 feet bgs. The three new monitoring wells were screened across the groundwater table based on depth to groundwater measurements versus screened intervals. Groundwater and survey elevation measurements are presented in Table 1.

A groundwater elevation contour map for the May 7, 2004 sampling event is presented as Figure 3. As indicated on the figure, groundwater is interpreted to flow to the east at a calculated hydraulic gradient of 0.27 foot-per-foot (ft./ft.). The groundwater direction varies from the northerly direction with a hydraulic gradient of 0.44 ft./ft. from the March 10, 2003 monitoring event.

Well Purging and Groundwater Sampling

Prior to sampling on May 7, 2004, the monitoring wells were purged using a 12-volt in-well submersible pump. Based on the purge rate the wells are considered to be slow recharging wells based on the SD-DEH sampling requirements. Copies of the groundwater sampling logs are provided in Appendix B. Purged water for the first quarter monitoring event was stored onsite in (1) one appropriately labeled United Nations (UN) approved 55-gallon drum.



The groundwater samples were collected using disposable bailers. Samples were stored in laboratory provided containers with appropriate preservatives. The sample containers, along with a completed chain-of-custody form, were delivered to Sierra Analytical (Sierra), a state-certified analytical laboratory located in Laguna Hills, California, for chemical analyses.

Groundwater Drum Removal

Appropriately labeled 55-gallon drums are stored onsite located on pallets and covered with plastic in accordance with local and state regulations. Upon removal of the drums of purged groundwater Gradient will forward under separate cover a copy of the non-hazardous waste manifests upon receipt.

Well Elevation Survey

On June 2, 2004, the County of San Diego Survey Department surveyed the three (3) new monitoring wells (MW-1A, MW-2A and MW-3A) to mean sea level and recorded their elevations. The surveyed elevations of the wells are presented in Table 1.

Soil Boring Analytical Results

A total of 2 soil samples were collected from the three (3) soil borings drilled at the Site. There was:

- 1 sample obtained from MW-1A (MW-1A/5-6.5')
- 1 sample obtained from MW-3A (MW-3A/5-6.5')

Samples were analyzed for total petroleum hydrocarbons (TPH) (gasoline and diesel range) by modified EPA Method 8015, and volatile organics including benzene, toluene, ethylbenzene, and xylenes (BTEX) and methyl-tert-butyl-ether (MtBE) by EPA Method 8260B. A copy of the laboratory report and Chain-of-Custody are presented in Appendix D. Results of soil sample chemical analyses are included in Table 2, and on Figure 4.



The laboratory analyses indicated the following:

- TPH gasoline, TPH diesel, Benzene, Toluene, Ethylbenzene, Xylenes, MtBE or VOCs were not detected in either sample at or above the laboratory detection limits.

Groundwater Analytical Results

Groundwater samples were collected from groundwater monitoring wells MW-1A, MW-2A and MW-3A. Samples were analyzed for total petroleum hydrocarbons (TPH) (gasoline and diesel range) by Modified EPA Method 8015; volatile organics including benzene, toluene, ethylbenzene, and xylenes (BTEX) and methyl-tert-butyl-ether (MTBE) by EPA Method 8260B. A copy of the laboratory report and Chain-of-Custody are presented in Appendix D. The results of the water sample analyses are summarized in Table 3 and on Figure 4.

The laboratory analysis for the groundwater samples indicated the following:

- TPHg was detected in all three monitoring wells at concentrations ranging from 360 µg/L (MW-1A) to 760 µg/L (MW-3A).
- TPHd was detected in all three monitoring wells at concentrations ranging from 1.9 mg/L (MW-3A) to 2.9 mg/L (MW-2A).
- Benzene was detected in all three monitoring wells at concentrations ranging from 27 µg/L (MW-3A) to 40 µg/L (MW-2A).
- MtBE was detected in two monitoring wells at concentrations of 2.3 µg/L (MW-2A) and 50 µg/L (MW-3A).
- Nine other VOCs were detected at concentrations ranging from 1.2 µg/L 1,2-Dichloroethane (MW-2A) to a maximum concentration of 81 µg/L TBA (MW-3A). The other remaining VOCs included Bromodichloro-methane; Dibromodichloro-methane; Chloroform; 1,2,4-Trimethylbenzene; 1,3,5-Trimethylbenzene; Napthalene and Isopropyl-benzene.



Summary of Findings and Conclusions

- The depth to groundwater in the new onsite wells ranged from 42.23 to 53.33 feet bgs. The three new monitoring wells were screened across the groundwater table based on depth to groundwater measurements versus screened intervals.
- The interpreted direction of groundwater flow was to the east with a hydraulic gradient of 0.27 ft./ft.
- TPHg, TPHd, Benzene and MtBE concentrations are above the concentrations detected during the previously monitored well events in MW-1, MW-2 and MW-3. This increase in concentrations is most likely attributed to the depth of the new screened interval achieving a more representative groundwater sample.

Recommendation

- Based on the recent installation of monitoring wells MW-1A, MW-2A and MW-3A, three additional rounds of quarterly groundwater data should be collected to monitor the levels in TPHg, TPHd, BTEX and MTBE over the next hydrologic cycle.

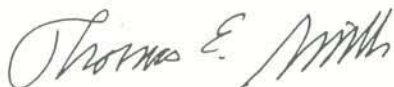
If you have any questions regarding this report, please contact this office. We appreciate the opportunity to be of service.

Respectfully submitted,

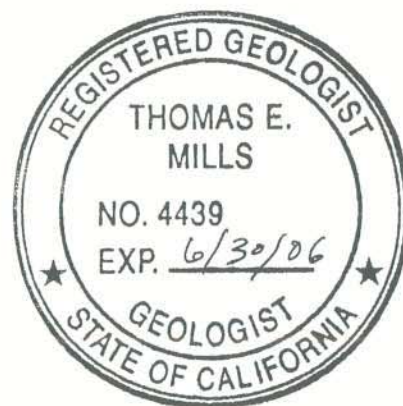
GRADIENT ENGINEERS, INC.



Michael Kusler, REA 07752 (Exp. 6/30/05)
Project Manager



Thomas E. Mills, RG 4439 (Exp. 6/30/06)
Principal Geologist



Attachments: Figure 1 - Site Location Map

Figure 2 - Site Plan

Figure 3 - Groundwater Elevation Contour Map- June 6, 2004

Figure 4 – Groundwater/Soil Laboratory Data Map

Table 1 - Summary of Groundwater Elevations

Table 2 - Summary of Petroleum Hydrocarbons and Volatile Organic Compounds
in Soil Samples

Table 3 - Summary of Petroleum hydrocarbons and Volatile Organic Compounds
in Groundwater Samples

Appendix A – References

Appendix B – Soil Boring Logs

Appendix C - Groundwater Sampling Logs

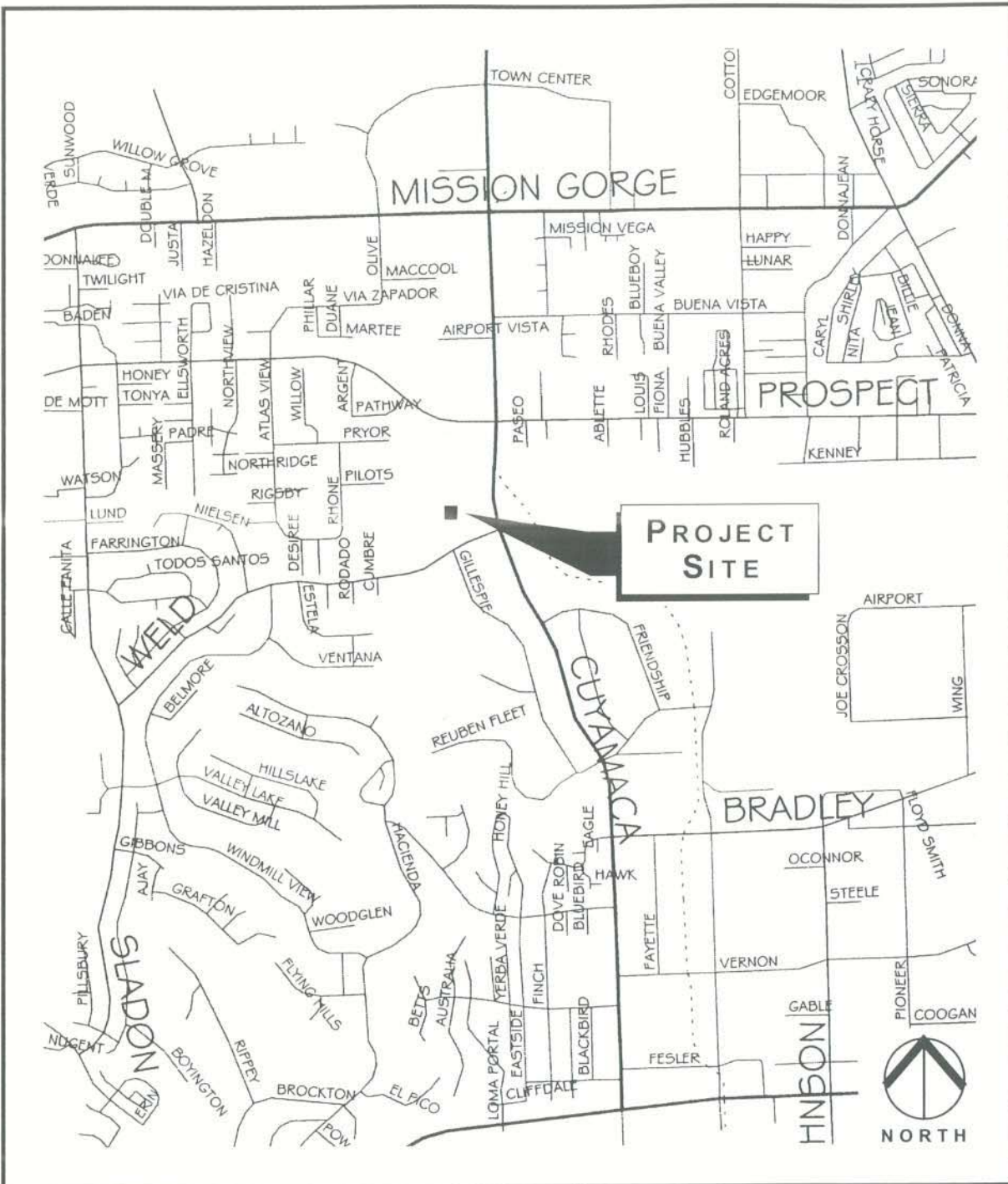
Appendix D - Laboratory Reports and Chain-of-Custody Records

Appendix E – Monitoring Well Construction Permit

Distribution: (5) Addressee

(1) County of San Diego-Department of Environmental Health,
Attention: Jon Senaha





BASE MAP: Thomas Bros. GeoFinder for
Windows, San Diego County, 1995, Page 1251

0 1000 2000 4000
1"=2,000'
Scale in Feet

San Diego County
Dept. of General Services
Santee Service Station
1840 Weld Boulevard
Santee, California

SITE LOCATION MAP

Project No.

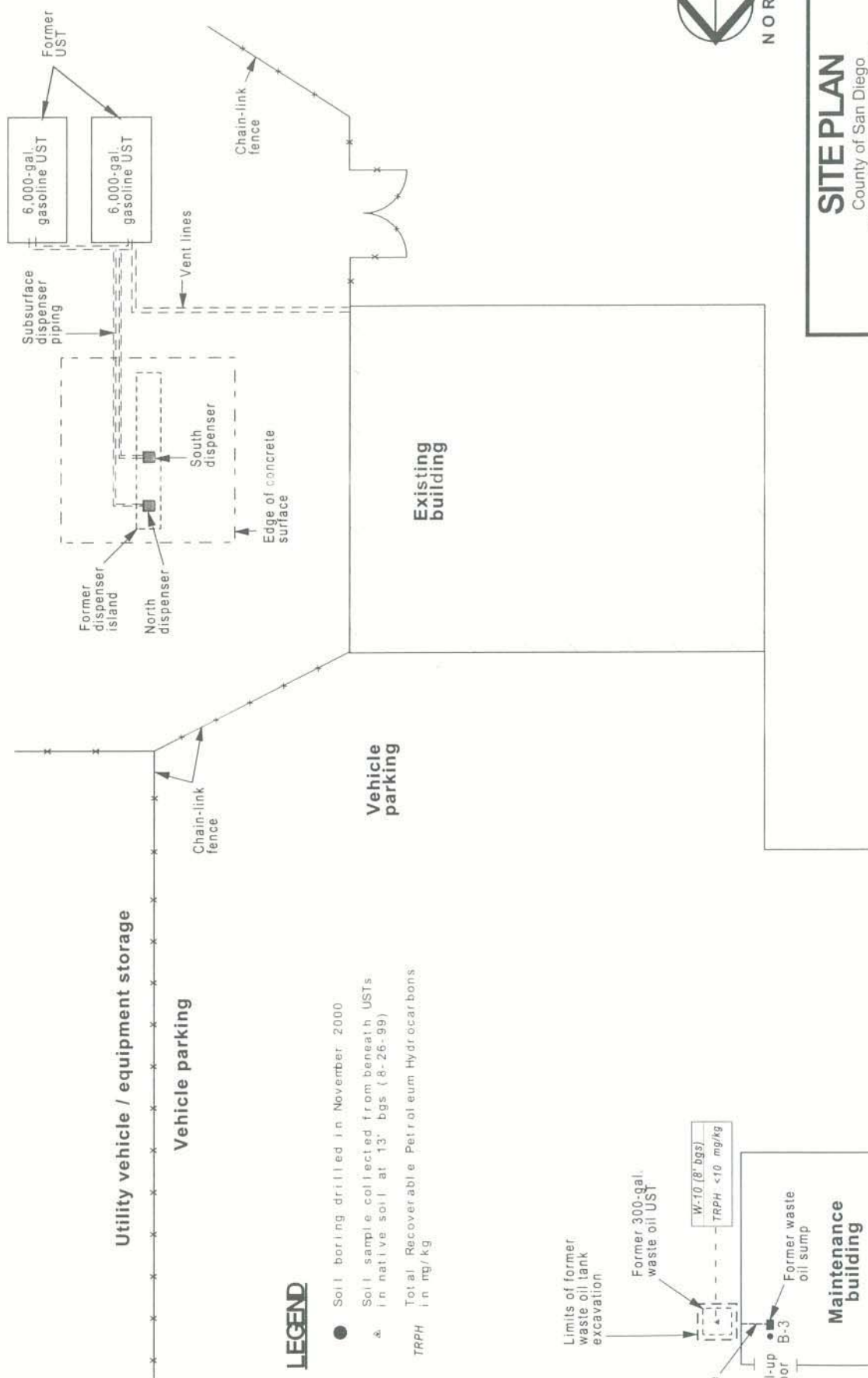
300860006

Date

November 2004



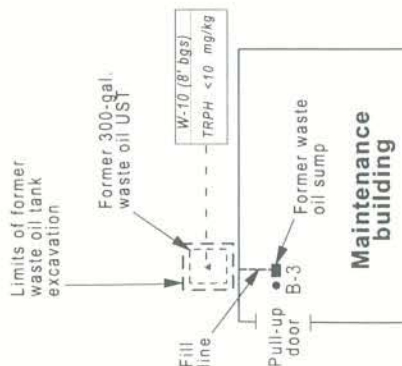
Figure No. 1



LEGEND

- Soil boring drilled in November 2000
- ▲ Soil sample collected from beneath USTs & in native soil at 13' bgs (8-26-99)
- TRPH in mg/kg

Total Recoverable Petroleum Hydrocarbons



SITE PLAN

County of San Diego
 Dept. of General Services
 Santee Service Station
 1840 Weld Boulevard
 Santee, California

Project No. 300860006
 Scale Not to scale
 Engr./Geol. TEM/RAJ
 Draited By KAM
 Date November 2004

Gradient Engineers, Inc.
 A PROFESSIONAL ENGINEERING FIRM



Figure No. 2

Existing building



LEGEND

MW-3A  Monitoring wells re-installed on May 17 and 18, 2004

MW-3  Monitoring wells installed in October 2000 (inactive)

● Soil borings drilled in November 2000

(369.83) Groundwater elevation in feet above MSL

366 Groundwater elevation contour in feet above MSL

 (0.27) Hydraulic gradient (in ft./ft.)

Former dispenser island and dispensers

MW-3A
(369.83)

MW-3
368

B-1

366

364

Gas dispenser

Canopy

364

(0.27)

362

Existing dispenser island

B-2

Extent of former dispenser island excavation

Former subsurface dispenser piping

Extent of underground storage tank excavation

Existing 12,000-gal. gasoline UST

Former 6,000-gal. gasoline UST

0 10 20
Scale in Feet

GROUNDWATER ELEVATION CONTOUR MAP JUNE 7, 2004

County of San Diego - Dept. of General Services
Santee Service Station
1840 Weld Boulevard
Santee, California

Project No.
Scale
Engr./Geol.
Drafted By
Date

300860006
1"=10'
TEM/RAJ
KAM
November 2004

Gradient Engineers, Inc. A SELECTOR GROUP COMPANY



Figure No. 3

Existing building



LEGEND

- MW-3A Monitoring wells re-installed on May 17 and 18, 2004
- MW-3 Monitoring wells installed in October 2000 (inactive)
- Soil borings drilled in November 2000
- TPHg Total Petroleum Hydrocarbons as gasoline in ug/L
- TPHd Total Petroleum Hydrocarbons as diesel in mg/L
- B Benzene in ug/L
- MTBE Methyl Tertiary Butyl Ether in ug/L
- NA Not analyzed
- Area of MTBE > 5 ug/L on June 7, 2004

MW-1A / GROUNDWATER
6-7-04 TPHg: 360 ug/L TPHd: 2.2 mg/L B: 19 ug/L MTBE: <1.0 ug/L
MW-1A / SOIL @ 5-6.5'
5-17-04 and 5-18-04 TPHg: <0.050 mg/kg TPHd: <500 mg/kg B: <5.0 ug/kg MTBE: <5.0 ug/kg

MW-1A
MW-1

Former dispenser island and dispensers

MW-3A
MW-3

MW-3A / GROUNDWATER
6-7-04 TPHg: 760 ug/L TPHd: 1.9 mg/L B: 27 ug/L MTBE: 50 ug/L
MW-3A / SOIL @ 5-6.5'
5-17-04 and 5-18-04 TPHg: <0.050 mg/kg TPHd: <5.0 mg/kg B: <5.0 ug/kg MTBE: <5.0 ug/kg

Former subsurface dispenser piping
Gas dispenser

MW-2A
MW-2

MW-2A / GROUNDWATER
6-7-04 TPHg: 590 ug/L TPHd: 2.9 mg/L B: 40 ug/L MTBE: 2.3 ug/L

Existing 12,000-gal. gasoline UST

Former 6,000-gal. gasoline UST

Extent of underground storage tank excavation

0 10 20
Scale in Feet

GROUNDWATER / SOIL LABORATORY DATA MAP

County of San Diego - Dept. of General Services
Santee Service Station
1840 Weld Boulevard
Santee, California

Project No. 300860006
Scale 1"=10'
Engr./Geol. TEM/RAJ
Drafted By KAM
Date November 2004

Gradient Engineers, Inc. A LECHER GROUP COMPANY



Figure No. 4

TABLE 1
Summary of Groundwater Elevations
County of San Diego-Department of Public Works
Santee Service Station
1840 Weld Boulevard
El Cajon, California

MONITORING WELL	SURVEYED ELEVATION (Top of Well Cover)	SURVEYED ELEVATION (Top of PVC Pipe)	SCREENED INTERVAL (Feet below top of PVC Casing)	DATE SAMPLED	DEPTH TO GROUNDWATER (Feet below top of PVC Casing)	GROUNDWATER ELEVATION (in feet)
MW-1	99.43(1)	98.98(1)	60'10" - 75'10"	12/14/2000	50.27	48.71
				3/19/2001	49.82	49.16
				6/19/2001	46.81	52.17
				9/12/2001	49.05	49.93
				12/12/2001	50.66	48.32
				3/12/2002	54.22	356.78
				6/21/2002	51.38	359.62
				9/23/2002	49.18	361.82
				11/15/2002	52.48	358.52
				3/10/2003	52.07	358.93
MW-1A MW-2	411.43(2) 99.57(1)	411.02(2) 99.06(1)	41'-61" 60'-75"	*6/7/2004	47.87	363.13
				6/7/2004	50.14	361.29
				12/14/2000	43.80	55.26
				3/19/2001	45.57	53.49
				6/19/2001	43.10	55.96
				9/12/2001	43.78	55.28
				12/12/2001	44.18	54.88
				3/12/2002	47.40	363.68
				6/21/2002	44.52	366.56
				9/23/2002	41.58	369.50
MW-2A	411.58(2)	411.08(2)	36'-56"	11/15/2002	45.61	365.47
				3/10/2003	45.75	365.33
				6/7/2004	45.82	365.26
				*6/7/2004	53.33	358.06

TABLE 1
Summary of Groundwater Elevations
County of San Diego-Department of Public Works
Santee Service Station
1840 Weld Boulevard
El Cajon, California

MONITORING WELL	SURVEYED ELEVATION (Top of Well Casing)	SURVEYED ELEVATION (Top of PVC Pipe)	SCREENED INTERVAL (Feet below top of PVC Casing)	DATE SAMPLED	DEPTH TO GROUNDWATER (Feet below top of PVC Casing)	GROUNDWATER ELEVATION (in feet)	
MW-3	100.09(1)	99.71(1)	60'-7"	12/14/2000	45.41	54.30	
				3/19/2001	44.67	55.04	
				6/19/2001	43.30	56.41	
				9/12/2001	45.14	54.57	
	412.08(2)	411.72(2)		12/12/2001	50.62	49.09	
				3/12/2002	45.96	365.76	
				6/21/2002	46.94	364.78	
				9/23/2002	45.05	366.67	
MW-3A	412.06(2)	411.61(2)	38'-5"	11/15/2002	50.17	361.55	
				3/10/2003	48.3	363.42	
				*6/7/2004	50.42	361.3	
				6/7/2004	42.23	369.83	

(1) Elevations are based on an arbitrary reference point elevation of 100.00 feet

(2) Elevations are in feet above mean sea level (MSL), in accordance with AB 2886

* No samples collected from MW-1, MW-2, MW-3 (Groundwater elevations performed for reference purposes only)

TABLE 2

Summary of Petroleum Hydrocarbons and
Volatile Organic Compounds in Soil Samples
County of San Diego – Department of General Services
Santee Service Station
1840 Weld Boulevard
El Cajon, California

SAMPLE NUMBER (IN FEET BELOW GROUND SURFACE)	TPH _G (MG/KG)	TPH _D (MG/KG)	B (μG/KG)	T (μG/KG)	E (μG/KG)	X (μG/KG)	MTBE (μG/KG)	*VOCs (μG/KG)
MONITORING WELL MW-1A								
MW-1A/5- 6.5	<0.050	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MONITORING WELL MW-3A								
MW-3A/5- 6.5	<0.050	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Notes:

1. Total petroleum hydrocarbons as gasoline (TPH_G) and diesel (TPH_D) by EPA Methods 8015 and 8015B, respectively.
2. B-benzene, T-toluene, E-ethylbenzene, X-xylenes, MTBE-methyl tertiary butyl ether.
3. *VOCs and oxygenates analyzed by 8260B
4. ND: Not detected at or above laboratory detection limits. NA: Not analyzed.

TABLE 3

Summary of Petroleum Hydrocarbons and Volatile Organic Compounds in Groundwater Samples
County of San Diego-Department of Public Works
Santee Service Station
1840 Weld Blvd.
El Cajon, CA

DATE SAMPLED	TPHg (µg/L)	TPHd (mg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	OTHER VOCs (µg/L)
MONITORING WELL MW-1								
12/14/2000	64	<0.05	6.2	5.9	<1.0	<1.0	1.9	ND
3/19/2001	<50.0	<0.05	2.7	3.1	<1.0	<1.0	<1.0	ND
6/19/2001	93	<0.05	8.5	17	4.7	14	<1.0	(5)
9/12/2001	<50.0	<0.05	1.2	1.3	<1.0	<1.0	<1.0	ND
12/12/2001	<50.0	<0.05	1.8	2.1	<1.0	3.3	<1.0	ND
3/12/2002	<50.0	<0.05	2.7	<1.0	1.0	2.2	<1.0	ND
6/21/2002	<50.0	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0	ND
9/23/2002	<50.0	<0.50	1.5	2.0	<1.0	1.3	1.1	ND
11/15/2002	<50.0	<0.50	5.6	1.6	<1.0	<2.0	4.3	ND
3/10/2003	<50.0	<0.50	<1.0	2.9	<1.0	1	<1.0	ND
MONITORING WELL MW-1A								
6/7/2004	360	2.2	19	50	5.0	31	<1.0	(10)
MONITORING WELL MW-2								
12/14/2000	66	<0.05	13	5.3	<1.0	<1.0	<1.0	(1)
3/19/2001	78	<0.05	22	4.6	<1.0	<1.0	<1.0	ND
6/19/2001	92	<0.05	13	5.5	<1.0	2.5	<1.0	ND
9/12/2001	<50.0	<0.05	4.7	<1.0	<1.0	<1.0	<1.0	(6)
12/12/2001	<50.0	NA	1.6	2.0	<1.0	4.0	<1.0	ND
3/12/2002	85	<0.05	16	5.5	5.8	15.1	2.5	(8)
6/21/2002	<50.0	<0.05	5.0	<1.0	<1.0	1.1	1.9	ND
9/23/2002	<50.0	<0.50	2.1	1.2	<1.0	<2.0	1.8	ND
11/15/2002	<50.0	<0.50	3.2	1.3	<1.0	1.0	<1.0	ND
3/10/2003	<50.0	<0.50	2.8	2.5	<1.0	1.0	1.1	ND
MONITORING WELL MW-2A								
6/7/2004	590	2.9	40	91	8.8	56	2.3	(11)
MONITORING WELL MW-3								
12/14/2000	84	<0.05	7.2	9.9	<1.0	4.3	<1.0	ND
3/19/2001	130	<0.05	20	35	3.5	13.2	<1.0	(2)
6/19/2001	96	<0.05	6.4	11	2.5	2.3	1.4	(4)
9/12/2001	<50.0	<0.05	1.2	<1.0	<1.0	<1.0	<1.0	(7)
12/12/2001	<50.0	NA	1.3	<1.0	<1.0	1.1	<1.0	ND
3/12/2002	290	<0.05	72	22	19	50	25	(9)
6/21/2002	<50.0	<0.05	2.7	1.3	<1.0	1.3	5.0	ND
9/23/2002	<50.0	<0.50	1.9	<1.0	<1.0	<2.0	4.4	ND
11/15/2002	<50.0	<0.50	1.4	2	<1.0	1.7	<1.0	ND
3/10/2003	55	<0.50	4	4.8	1.6	3.8	3.7	ND
MONITORING WELL MW-3A								
6/7/2004	760	1.9	27	28	1.7	77	50	(12)

Notes:

1. Total petroleum hydrocarbons as gasoline (TPHg) and diesel (TPHd) by EPA Methods 8015 and 8015B, respectively.
2. B-benzene, T-toluene, E-ethylbenzene, X-xylenes, MTBE-methyl tertiary butyl ether, and other VOCs by EPA Method 8260B.
3. NA: Not analyzed. ND: Not detected at or above laboratory detection limits.

Table 3 Continued
Summary of additional VOCs and Oxygenates
County of San Diego - Department of General Services
Santee Service Station
1840 Weld Boulevard - El Cajon, California

Monitoring Wells MW-1, MW-2, MW-3 (12/2000 - 3/2003) INACTIVE

Note	Sample Date	TBA	1,2,4-Trimethylbenzene	Naphthalene	1,3,5-Trimethylbenzene	1,2-Dichloroethane
(1)	12/14/2000	3.4	<1.0	<1.0	<1.0	<1.0
(2)	3/19/2001	<1.0	1.7	<1.0	<1.0	<1.0
(3)	6/19/2001	3.3	<1.0	<1.0	<1.0	<1.0
(4)	6/19/2001	3.7	5.2	<1.0	<1.0	<1.0
(5)	6/19/2001	<1.0	1.3	<1.0	<1.0	<1.0
(6)	9/12/2001	2.9	<1.0	<1.0	<1.0	<1.0
(7)	9/12/2001	1.6	<1.0	<1.0	<1.0	<1.0
(8)	3/12/2002	<1.0	2.0	1.4	<1.0	<1.0
(9)	3/12/2002	<1.0	5.3	3.6	1.7	2.1

Monitoring Wells MW-1A, MW-2A, MW-3A (6/7/2004) ACTIVE

Note	Sample Date	TBA	1,2,4-Trimethylbenzene	Naphthalene	1,3,5-Trimethylbenzene	1,2-Dichloroethane	Bromodichloromethane	Dibromodichloromethane	Chloroform	Isopropylbenzene
(10)	6/7/2004	<5.0	3.1	1.9	1.2	<1.0	19	2.2	1.7	<1.0
(11)	6/7/2004	11	6.2	2.5	1.8	1.2	5.1	4.5	3.8	<1.0
(12)	6/7/2004	81	8.6	12	3.7	1.5	<1.0	<1.0	<1.0	5.9

Notes: VOCs by EPA Method 8260B

RECEIVED

JUN 20 AM 9 55

D. E. H.
MAILROOM

FIRST QUARTER 2002 GROUNDWATER
MONITORING AND SAMPLING REPORT
COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
SANTEE SERVICE STATION
1840 WELD BOULEVARD
EL CAJON, CALIFORNIA
SD-DEH/SAM CASE NO. H04831-001

June 17, 2002

Project No. 300860003

Prepared For:
County of San Diego, Department of Public Works
5555 Overland Avenue, Building 6 (MS-0340)
San Diego, California 92123

June 17, 2002

Project No. 300860003

To: County of San Diego
Department of Public Works
5555 Overland Avenue, Building 6 (MS-0340)
San Diego, California 92123

Attention: Kathleen Hider

Subject: First Quarter 2002 Groundwater Monitoring and Sampling Report, County of San Diego, Department of Public Works, Santee Service Station, 1840 Weld Boulevard, El Cajon, California, SD-DEH/SAM Case No. H04831-001

Introduction

This report presents the results of the quarterly groundwater monitoring event in March 2002. The location of the subject property is shown on the Site Location Map (Figure 1). The site is shown in additional detail on the Site Plan (Figure 2). This groundwater monitoring event was performed by Gradient Engineers, Inc. (Gradient) under contract to the County of San Diego, Department of Public Works (SD-DPW).

Scope of Work

The objective of the monitoring is to obtain additional analytical and physical data to assess the concentration of total petroleum hydrocarbons (TPH as gasoline and diesel), volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and xylenes (BTEX) and oxygenates (DIPE, ETBE, MTBE, TAME and TBA) in the groundwater. The locations of the three groundwater wells that were monitored are shown on Figure 3.

Site Background

On August 26, 1998, two 6,000-gallon gasoline underground storage tanks (UST), one 300-gallon waste oil UST, a waste oil sump within a maintenance pit and associated piping were removed from the Site. Soil samples were collected below the removed USTs and the two dispensers for the gasoline USTs. Petroleum hydrocarbons were not detected in the samples collected from below the three USTs. Total Petroleum Hydrocarbons as gasoline (TPHg) and diesel (TPHd) were detected in the soil samples collected from below the two former gasoline dispensers. TPHg was detected at concentrations ranging from 340 to 17,000 mg/kg. TPHg was also detected in two of the three piping samples at concentrations of 26 mg/kg and 421 mg/kg. TPHd (1,100 mg/kg) was also detected in the sample with a TPHg concentration of 17,000 mg/kg. Since only gasoline was stored in the two former USTs, the TPHd detected in this sample most likely represents the same carbons that are detected by the TPHg EPA method (C4-C12) and the same carbons that are detected by the TPHd EPA test method (C10-C24).

Approximately 115 cubic yards of soil was excavated from beneath the fuel dispenser island in an attempt to remove the existing impacted soil. TPHg was detected in seven of the 11 excavation samples collected from the base and sidewalls of the excavation. The TPHg concentrations ranged between 111 mg/kg to 1,005 mg/kg. TPHd was not detected in any of the 11 samples collected from the excavation. The excavated soil was removed from the Site and transported to Candelaria Environmental Company Biotreatment Facility in Anza, California. The dispenser excavation was backfilled with previously excavated, non-petroleum impacted soil from the gasoline and waste oil USTs' excavations. A 12,000-gallon gasoline UST was installed in the former UST excavation. The location of the existing UST is shown on Figure 2. The waste oil excavation was backfilled with 3/8-inch crushed rock.

A soil sample was collected below the former waste oil UST and sump. Total Recoverable Petroleum Hydrocarbons (TRPH) was not detected in the sample below the removed waste oil tank and 27,000 mg/kg of TRPH was detected below the sump. On February 23, 1999, pea gravel was removed from the pit, and the base of the concrete maintenance pit was jackhammered. Three soil samples were collected at 2 feet below the base of the pit, or approximately 8 feet below grade. Total Recoverable Petroleum Hydrocarbons (TRPH) were detected in each sample at concentrations ranging from 91 to 268 mg/kg.



Based on the background information, Burns and McDonnell (1999) prepared a site assessment work plan to assess the vertical and horizontal extent of petroleum hydrocarbons in the subsurface in the area of the former fuel dispenser island and beneath the former maintenance pit inside the maintenance building. On April 13, 1999, the San Diego County-Department of Environmental Health (SD-DEH, 1999) prepared a response to the Burns and McDonnell work plan.

On April 27, 2000, Gradient, on behalf of the SD-DPW, submitted an addendum site assessment work plan to SD-DEH for review and approval (Gradient, 2000). On May 8, 2000, SD-DEH approved the addendum work plan.

On October 30th and 31st, November 1st, and 17th, 2000, Gradient was on site to observe the drilling of three soil borings (B1, B2 and B3), and three monitoring wells (MW-1, MW-2 and MW-3). The soil borings and monitoring well locations are shown on Figures 3a and 3b. MW-1 is located in the area previously identified as petroleum impacted soils noted by Burns & McDonnell in August of 1998.

West Hazmat Drilling of San Diego installed monitoring wells (MW-1, MW-2 and MW-3) to a depth of 10 feet below the water table. Exploratory borings (B1 and B2) were drilled to a depth of 50 feet bgs. Borings were drilled using a hollow stem auger and air rotary rig. Soil samples were collected at 5 feet bgs in Boring B-1 and at 5 and 10 feet bgs in boreholes B-2, MW-1, MW-2 and MW-3.

Groundwater samples were collected from monitoring wells MW-1, MW-2 and MW-3 on December 14, 2000. The samples were tested for TPHg, TPHd, VOCs, and oxygenates.

The laboratory analyses indicated the following:

- TPHg was detected in MW-1 at 64 µg/L, in MW-2 at 66 µg/L, and in MW-3 at 84 µg/L.
- TPHd was not detected in the monitoring well groundwater samples.
- Benzene was detected in MW-1 at 6.2 µg/L and toluene at 5.9 µg/L. Benzene was detected in MW-2 at 13 µg/L and 7.2 µg/L in MW-3.
- MTBE was detected in MW-1 at 1.9 µg/L and not detected in MW-2 or MW-3.
- Tertiary Butyl Alcohol (TBA) was detected in MW-2 at 3.4 µg/L and not detected in MW-2 or MW-3.



Groundwater samples were collected from monitoring wells MW-1, MW-2 and MW-3 on March 19 and June 19, 2001. The samples were tested for TPHg, TPHd, VOCs, and oxygenates.

The laboratory analyses from the two sampling events indicated the following:

- TPHg was detected in samples collected from each of the three wells at concentrations ranging from 78 µg/L (MW-2) to 130 µg/L (MW-3).
- TPHd was not detected in any samples from any of the wells.
- Benzene was detected in samples from each of the three wells at concentrations ranging from 2.7 µg/L (MW-1) to 22 µg/L (MW-2).
- MTBE was detected in one sample from well MW-3 at a concentration of 1.4 µg/L.
- 1,2,4-Trimethylbenzene was detected in samples from wells MW-1 and MW-3 at concentrations ranging from 1.3 µg/L (MW-1) to 5.2 µg/L (MW-3).
- TBA was detected at 3.3 µg/L in one sample from well MW-2 and at 3.7 µg/L in one sample from MW-3.
- Polynuclear Aromatic Hydrocarbons (PAHs) were not detected in samples collected from each well on March 19, 2001. Samples collected on June 19, 2001 were not analyzed for PAHs.
- Petroleum compound concentrations found in samples from each well were comparable to the previous sample results.

Based on these findings, additional groundwater monitoring events were recommended to evaluate any changes in the previously identified concentrations of TPHg, benzene, and MTBE.

Groundwater samples were collected from monitoring wells MW-1, MW-2 and MW-3 on September 12, 2001. The samples were tested for TPHg, TPHd, VOCs, and oxygenates.

The laboratory analyses from the sampling event indicated the following:

- TPHg or TPHd was not detected at or above detection limits in samples collected from monitoring wells MW-1 through MW-3.
- Benzene was detected in samples from each of the three wells at concentrations ranging from 1.2 µg/L (MW-1) to 4.7 µg/L (MW-2).
- MTBE was not detected at or above concentration limits in any of the three monitoring well samples.



- TBA was detected in monitoring wells MW-2 and MW-3 at concentrations of 2.9 µg/L and 1.6 µg/L, respectively.

On December 3, 2001, the County of San Diego Surveyor, Steve Martin, surveyed the monitoring wells (MW-1 – MW-3) and recorded their elevations. Well elevations were based on mean sea level and summarized in Table 1.

Groundwater samples were collected from monitoring wells MW-1, MW-2 and MW-3 on December 12, 2001. The samples were tested for TPHg, TPHd, VOCs, and oxygenates.

The laboratory analyses from the December 12, 2001 groundwater sampling event indicated the following:

- TPHg, ethylbenzene and MTBE were not detected at or above detection limits in samples collected from monitoring wells MW-1 through MW-3.
- TPHd was not detected at or above detection limits in MW-1 and not analyzed in MW-2 and MW-3.
- Benzene was detected in samples from each of the three wells at concentrations ranging from 1.3 µg/L (MW-3) to 1.8 µg/L (MW-1).
- Toluene was detected in MW-1 and MW-2 at concentrations of 2.1 and 2.0 µg/L, respectively.
- Xylenes were detected in all three samples at concentrations ranging from 1.1 µg/L (MW-3) to 4.0 µg/L (MW-2).

Based on these findings, additional groundwater monitoring events were recommended to evaluate any changes in the previously identified concentrations of TPHg, benzene, and MTBE.

Site Geology and Hydrogeology

The site is underlain by shallow subsurface materials consisting of 5 to 10 feet of fill. Decomposed granite or granitic bedrock was encountered below the fill in all of the borings, except boring B-4, which was terminated at 4 feet bgs at a concrete slab.

The Site is located in the El Cajon Sub-area of the San Diego Hydrologic Unit (RWQCB, 1994). The beneficial uses for the groundwater in the sub-area include municipal and agricultural uses.



Ground Water Monitoring Levels

Prior to well purging on March 12, 2002, static water level measurements were recorded to the nearest 0.01-foot from a reference point on the rim of each PVC well casing. Water levels within each well are presented in Table 1. Groundwater in the onsite wells ranged from 45.96 to 54.22 feet bgs. The depth to groundwater increased (thus the groundwater elevation decreased) in MW-1 and MW-2 by 3.56 feet and 3.22 feet respectively, since the December 2001 monitoring event. The depth to groundwater decreased in MW-3 by 4.66 feet. Groundwater elevation measurements are presented in Table 1.

A groundwater elevation contour map for the March 12, 2002 sampling event is presented as Figure 3. As indicated on the figure, groundwater is interpreted to flow to the north. The calculated hydraulic gradient is 0.5 foot-per-foot (ft./ft.), which is similar to previous monitoring events.

Well Purging and Groundwater Sampling

Prior to sampling, the monitoring wells were purged using a 12-volt in-well submersible pump. Copies of the groundwater sampling logs are provided in Appendix B. Purged water was stored onsite in one appropriately labeled United Nations (UN) approved 55-gallon drum.

The groundwater samples were collected using disposable bailers. Samples were stored in laboratory provided containers with appropriate preservatives. The sample containers, along with a completed chain-of-custody form, were delivered to Sierra Analytical (Sierra), a state-certified analytical laboratory located in Laguna Hills, California, for chemical analyses.

Groundwater Drum Removal

Upon removal of the drums of purged groundwater, Gradient will forward, under separate cover, a copy of the non-hazardous waste manifests upon receipt.



Groundwater Analytical Results

Groundwater samples from the groundwater monitoring wells at the Site were analyzed for total petroleum hydrocarbons as gasoline (TPHg) and as diesel (TPHd) by Modified EPA Method 8015 and 8015B. Volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl-tert-butyl-ether (MTBE), and other oxygenates were analyzed by EPA Method 8260B. Copies of the laboratory reports and chain-of-custody forms are presented in Appendix C. As required by AB2886, Sierra electronically submitted data to Gradient, who uploaded the data to the GeoTracker database system. The results of the water sample analyses are summarized in Table 2 and on Figure 4.

The laboratory analyses from the March 12, 2002 groundwater sampling event indicated the following:

- TPHg was detected in two samples at concentrations of 85 µg/L (MW-2) and 290 µg/L (MW-3).
- TPHd was not detected at or above detection limits in all three monitoring wells.
- Benzene was detected in samples from each of the three wells at concentrations ranging from 2.7 µg/L (MW-1) to 72 µg/L (MW-3).
- Toluene was detected in MW-2 and MW-3 at concentrations of 5.5 µg/L and 22 µg/L, respectively.
- Ethylbenzene was detected in samples from all three monitoring wells at concentrations ranging from 1.0 µg/L (MW-1) to 19 µg/L (MW-3).
- Xylenes were detected in all three samples at concentrations ranging from 2.2 µg/L (MW-1) to 50 µg/L (MW-3).
- MTBE was detected in two samples at concentrations of 2.5 µg/L (MW-2) and 25 µg/L (MW-3).
- Up to four other VOCs were detected in various samples, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,2-dichloroethane and naphthalene. The highest detected VOC concentrations were present in samples from MW-3.

Summary of Findings and Conclusions

- The depth to groundwater in the onsite wells ranged from 45.96 to 54.22 feet bgs. Depth to groundwater increased in MW-1 and MW-2 and decreased in MW-3 since the last sampling event of December 12, 2001.
- The interpreted direction of groundwater flow was to the north with a hydraulic gradient of 0.5 ft./ft. This is similar to the findings recorded during the December 2001 sampling round.



- TPHd remained non-detectable in all three wells since the December 2001 monitoring event.
- BTEX concentrations increased in all three wells, with the exception of toluene in MW-1, since the last sampling event in December 2001. This increase is due to seasonal fluctuations.
- TPHg and MTBE concentrations increased in MW-2 and MW-3 since the December 2001 monitoring event. MTBE was not previously detected in MW-2 and was previously detected in MW-3 in June 2001 at 1.4 µg/L. This increase is due to a rise in the water table that has entered the zone of petroleum impacted soils.



Recommendation

Based on the results of the March 2002 monitoring event, Gradient recommends:

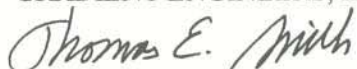
- Request biannual monitoring events to monitor trends in the concentrations of TPHg, BTEX and MTBE in the three wells.

Should the results of the additional groundwater monitoring event indicate benzene levels below 1.0 µg/L during the next quarter, we will recommend SD-DEH initiate closure procedures of SAM Case No. H04831-001.

If you have any questions regarding this report, please contact me. We appreciate the opportunity to be of service.

Respectfully submitted,

GRADIENT ENGINEERS, INC.



Thomas E. Mills, RG 4439 (Exp. 6/30/04)
Principal Geologist



Michael Kusler
Project Manager

Attachments: Figure 1 - Site Location Map
Figure 2 - Site Plan
Figure 3 - Groundwater Elevation Contour Map-March 12, 2002
Figure 4 - Groundwater Laboratory Data Map

Table 1 - Summary of Groundwater Elevations

Table 2 - Summary of Petroleum Hydrocarbons and Volatile Organic Compounds in
Groundwater Samples

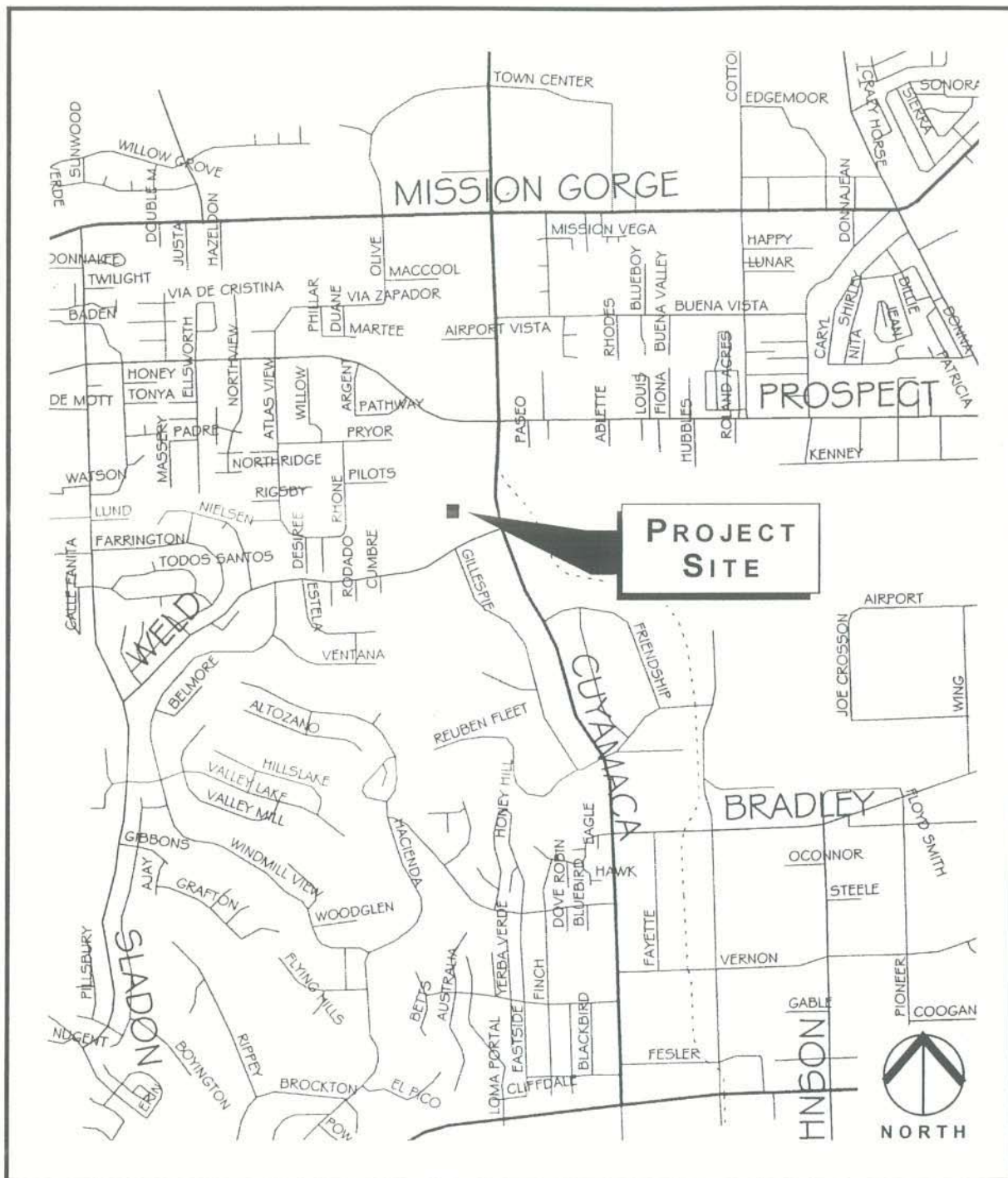
Appendix A - References

Appendix B - Groundwater Sampling Logs

Appendix C - Laboratory Reports and Chain-of-Custody Records

Distribution: (4) Addressee
(1) County of San Diego-Department of Environmental Health,
Attention: Kent Huth





BASE MAP: Thomas Bros. GeoFinder for
Windows, San Diego County, 1995, Page 1251

0 1000 2000 4000
1"=2,000'
Scale in Feet

San Diego County
Dept. of General Services
Santee Service Station
1840 Weld Boulevard
Santee, California

SITE LOCATION MAP

Project No.

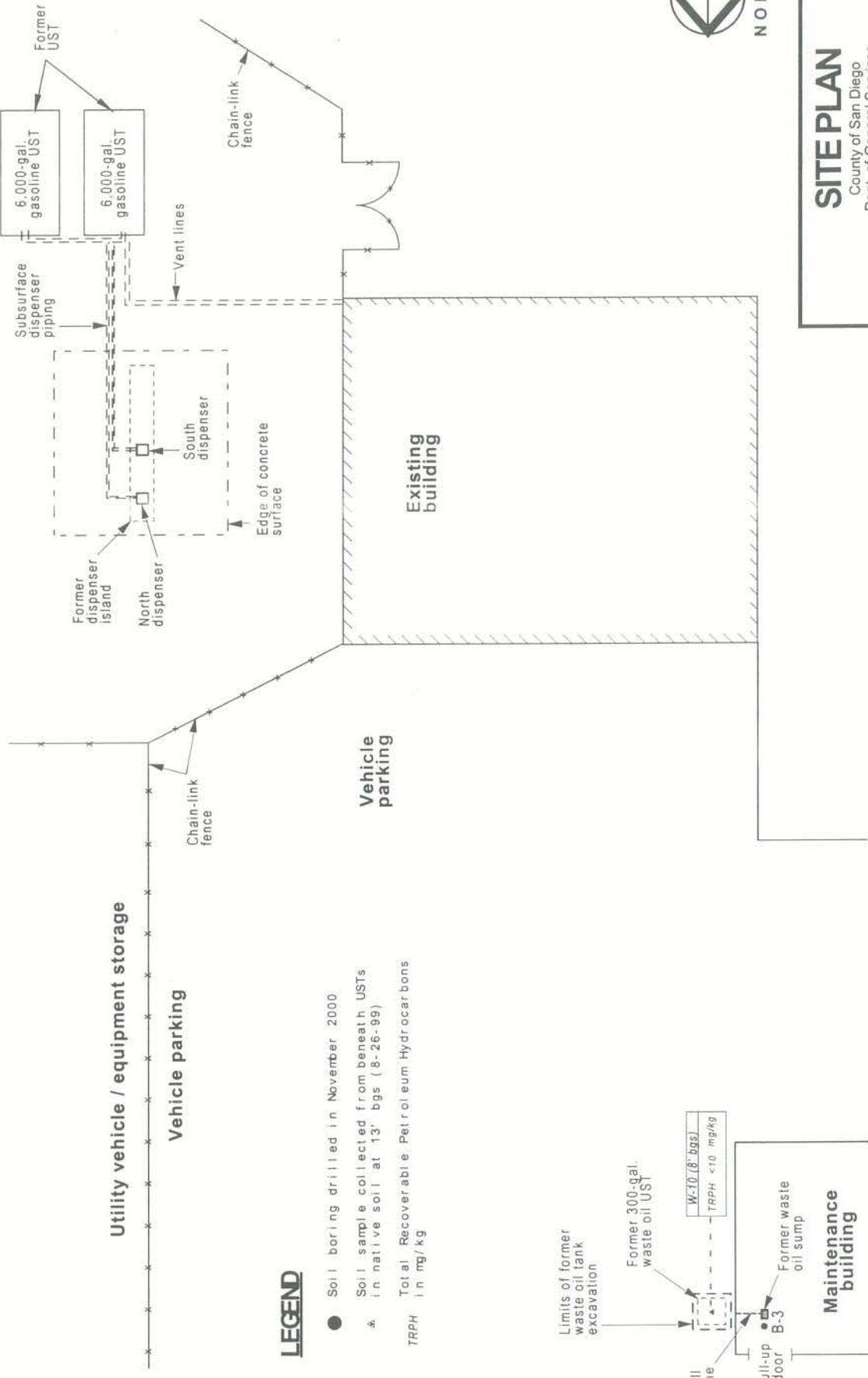
300860003

Date

June 2002



Figure No. 1



LEGEND

- Soil boring drilled in November 2000
- ▲ Soil sample collected from beneath USTs in native soil at 13" bgs (8-26-99)
- TPH Total Recoverable Petroleum Hydrocarbons in mg/kg



SITE PLAN
 County of San Diego
 Dept. of General Services
 Santee Service Station
 1840 Weld Boulevard
 Santee, California

Project No.	300860003
Scale	Not to scale
Engr./Geol.	TEM/RAJ
Drafted By	KAM
Date	June 2002
GRADIENT ENGINEERS INC.	

Existing building



LEGEND



Monitoring well installed in October 2000



Soil boring drilled in November 2000

(365.76) Groundwater elevation in feet above MSL

Groundwater elevation contour in feet above MSL



Hydraulic gradient (in ft./ft.)

0 10 20
Scale in Feet

GROUNDWATER ELEVATION CONTOUR MAP

MARCH 12, 2002

County of San Diego - Dept. of General Services
Santee Service Station
1840 Weld Boulevard
Santee, California

Project No.

300860003

Scale

1"=10'

Engr./Geol.

TEM/RAJ

Drafted By

KAM

Date

June 2002

GRADIENT ENGINEERS INC.



Figure No. 3

Former dispenser island and dispensers

MW-3
(365.76)

MW-1
(356.78)

B-1

Gas dispenser

Canopy

Existing dispenser island

B-2

Extent of former dispenser island excavation

Former subsurface dispenser piping

Extent of underground storage tank excavation

Existing 12,000-gal. gasoline UST

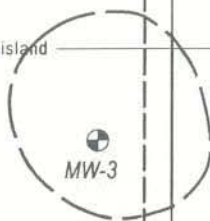
Former 6,000-gal. gasoline UST

Existing building

MW-1				
3-19-01	6-19-01	9-12-01	12-12-01	3-12-02
TPHg: <50.0	TPHg: 93	TPHg: <50.0	TPHg: <50.0	TPHg: <50.0
TPHd: <0.05	TPHd: <0.05	TPHd: <0.05	TPHd: <0.05	TPHd: <0.05
B: 2.7	B: 8.5	B: 1.2	B: 1.8	B: 2.7
MTBE: <1.0	MTBE: <1.0	MTBE: <1.0	MTBE: <1.0	MTBE: <1.0

MW-1

Former dispenser island and dispensers



Former subsurface dispenser piping
Gas dispenser

MW-2

MW-2				
3-19-01	6-19-01	9-12-01	12-12-01	3-12-02
TPHg: 78	TPHg: 92	TPHg: <50.0	TPHg: <50.0	TPHg: 85
TPHd: <0.05	TPHd: <0.05	TPHd: <0.05	TPHd: NA	TPHd: <0.05
B: 22	B: 13	B: 4.7	B: 1.6	B: 16
MTBE: <1.0	MTBE: <1.0	MTBE: <1.0	MTBE: <1.0	MTBE: 2.5

MW-3				
3-19-01	6-19-01	9-12-01	12-12-01	3-12-02
TPHg: 130	TPHg: 96	TPHg: <50.0	TPHg: <50.0	TPHg: 290
TPHd: <0.05	TPHd: <0.05	TPHd: <0.05	TPHd: NA	TPHd: <0.05
B: 20	B: 6.4	B: 1.2	B: 1.3	B: 72
MTBE: <1.0	MTBE: 1.4	MTBE: <1.0	MTBE: <1.0	MTBE: 25

Canopy

Existing dispenser island

Extent of former dispenser island excavation



LEGEND

Monitoring well installed in October 2000

Soil boring drilled in November 2000

TPHg Total Petroleum Hydrocarbons as gasoline in ug/L

TPHd Total Petroleum Hydrocarbons as diesel in mg/L

B Benzene in ug/L

MTBE Methyl Tertiary Butyl Ether in ug/L

NA Not analyzed

Area of MTBE >5 ug/L on March 12, 2002

Existing 12,000-gal. gasoline UST

Former 6,000-gal. gasoline UST

Extent of underground storage tank excavation

0 10 20
Scale in Feet

GROUNDWATER LABORATORY DATA MAP

County of San Diego - Dept. of General Services
Santee Service Station
1840 Weld Boulevard
Santee, California

Project No.
Scale
Engr./Geol.
Drafted By
Date

300860003
1"=10'
TEM/RAJ
KAM
June 2002

GRADIENT ENGINEERS INC.



Figure No. 4

TABLE 1

Summary of Groundwater Elevations
County of San Diego-Department of Public Works
Santee Service Station
1840 Weld Boulevard
El Cajon, California

MONITORING WELL	SURVEYED ELEVATION (Top of Well Cover)	SURVEYED ELEVATION (Top of PVC Pipe)	DATE SAMPLED	DEPTH TO GROUNDWATER (Feet below top of PVC Casing)	GROUNDWATER ELEVATION (in feet)
MW-1	99.43(1)	98.98(1)	12/14/2000	50.27	48.71
			3/19/2001	49.82	49.16
			6/19/2001	46.81	52.17
			9/12/2001	49.05	49.93
			12/12/2001	50.66	48.32
	411.43(2)	411.00(2)	3/12/2002	54.22	356.78
MW-2	99.57(1)	99.06(1)	12/14/2000	43.80	55.26
			3/19/2001	45.57	53.49
			6/19/2001	43.10	55.96
			9/12/2001	43.78	55.28
			12/12/2001	44.18	54.88
	411.58(2)	411.08(2)	3/12/2002	47.40	363.68
MW-3	100.09(1)	99.71(1)	12/14/2000	45.41	54.30
			3/19/2001	44.67	55.04
			6/19/2001	43.30	56.41
			9/12/2001	45.14	54.57
			12/12/2001	50.62	49.09
	412.08(2)	411.72(2)	3/12/2002	45.96	365.76

(1) Elevations are based on an arbitrary reference point elevation of 100.00 feet.

(2) Elevations are in feet above mean sea level (MSL).

TABLE 2

Summary of Petroleum Hydrocarbons and Volatile Organic Compounds in Groundwater Samples
County of San Diego-Department of Public Works
Santee Service Station
1840 Weld Blvd.
El Cajon, CA

DATE SAMPLED	TPHg (µg/L)	TPHd (mg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	OTHER VOCs (µg/L)
MONITORING WELL MW-1								
12/14/2000	64	<0.05	6.2	5.9	<1.0	<1.0	1.9	ND
3/19/2001	<50.0	<0.05	2.7	3.1	<1.0	<1.0	<1.0	ND
6/19/2001	93	<0.05	8.5	17	4.7	14	<1.0	(5)
9/12/2001	<50.0	<0.05	1.2	1.3	<1.0	<1.0	<1.0	ND
12/12/2001	<50.0	<0.05	1.8	2.1	<1.0	3.3	<1.0	ND
3/12/2002	<50.0	<0.05	2.7	<1.0	1.0	2.2	<1.0	ND
MONITORING WELL MW-2								
12/14/2000	66	<0.05	13	5.3	<1.0	<1.0	<1.0	(1)
3/19/2001	78	<0.05	22	4.6	<1.0	<1.0	<1.0	ND
6/19/2001	92	<0.05	13	5.5	<1.0	2.5	<1.0	ND
9/12/2001	<50.0	<0.05	4.7	<1.0	<1.0	<1.0	<1.0	(6)
12/12/2001	<50.0	NA	1.6	2.0	<1.0	4.0	<1.0	ND
3/12/2002	85	<0.05	16	5.5	5.8	15.1	2.5	(8)
MONITORING WELL MW-3								
12/14/2000	84	<0.05	7.2	9.9	<1.0	4.3	<1.0	ND
3/19/2001	130	<0.05	20	35	3.5	13.2	<1.0	(2)
6/19/2001	96	<0.05	6.4	11	2.5	2.3	1.4	(4)
9/12/2001	<50.0	<0.05	1.2	<1.0	<1.0	<1.0	<1.0	(7)
12/12/2001	<50.0	NA	1.3	<1.0	<1.0	1.1	<1.0	ND
3/12/2002	290	<0.05	72	22	19	50	25	(9)

Notes:

1. Total petroleum hydrocarbons as gasoline (TPHg) and diesel (TPHd) by EPA Methods 8015 and 8015B, respectively.
2. B-benzene, T-toluene, E-ethylbenzene, X-xylenes, MTBE-methyl tertiary butyl ether, and other VOCs by EPA Method 8260B.
3. NA: Not analyzed. ND: Not detected at or above laboratory detection limits.

Table 2 Continued

Note	Sample Date	TBA	1,2,4-Trimethylbenzene	Naphthalene	1,3,5-Trimethylbenzene	1,2-Dichloroethane
(1)	12/14/2000	3.4	<1.0	<1.0	<1.0	<1.0
(2)	3/19/2001	<1.0	1.7	<1.0	<1.0	<1.0
(3)	6/19/2001	3.3	<1.0	<1.0	<1.0	<1.0
(4)	6/19/2001	3.7	5.2	<1.0	<1.0	<1.0
(5)	6/19/2001	<1.0	1.3	<1.0	<1.0	<1.0
(6)	9/12/2001	2.9	<1.0	<1.0	<1.0	<1.0
(7)	9/12/2001	1.6	<1.0	<1.0	<1.0	<1.0
(8)	3/12/2002	<1.0	2.0	1.4	<1.0	<1.0
(9)	3/12/2002	<1.0	5.3	3.6	1.7	2.1



October 28, 1998

Ms. Beatrice Griffey
County of San Diego Department of Environmental Health
Site Assessment and Mitigation Division
P.O. Box 129261
San Diego, CA 92112-9261

Subject: Underground Storage Tank Closure Report
 San Diego County Santee Service Station
 1840 Weld Boulevard, Santee, California
 Est. No.: H04831

Dear Ms. Griffey:

Burns & McDonnell Waste Consultants, Inc. (BMWCI) conducted UST closure activities at the above-referenced site. On August 26, 1998, two 6,000-gallon, single walled, steel, unleaded gasoline, underground fuel storage tanks (USTs) and associated dispensers and piping, as well as one 300-gallon, single walled, steel, waste oil UST and associated sump were removed from the site. One 12,000-gallon, double wall, fiberglass, unleaded gasoline UST was subsequently installed in the former gasoline UST excavation. A limited volume of hydrocarbon-impacted soil was excavated beneath the former dispenser island on September 3, 1998. Confirmation soil sampling results indicate the presence of residual total petroleum hydrocarbons as gasoline in soil beneath the former dispenser island excavation. The enclosed report summarizes the tank closure activities.

The report was prepared in accordance with County of San Diego Department of Environmental Health (DEH) guidelines. A workplan for the subject work was prepared by BMWCI and approved by DEH on August 17, 1998.

All hydrologic and geologic information, conclusions, and recommendations in this report were prepared under the supervision of and reviewed by a BMWCI California Registered Geologist.



If you have any questions, or require additional information, please contact Jo Ann Weber at (619) 547-9869.

Sincerely,

BURNS & MCDONNELL WASTE CONSULTANTS, INC.

A handwritten signature in dark ink, appearing to read "Laura D. Rainey".

Laura D. Rainey, R.G.
Senior Geologist

A handwritten signature in dark ink, appearing to read "Jo Ann T. Weber".

Jo Ann T. Weber, R.G., C.H.G.
Senior Hydrogeologist
Registered Geologist #5990
Certified Hydrogeologist # 142

Enclosure

cc: Mr. Dane Clingan, San Diego County Dept. of General Services

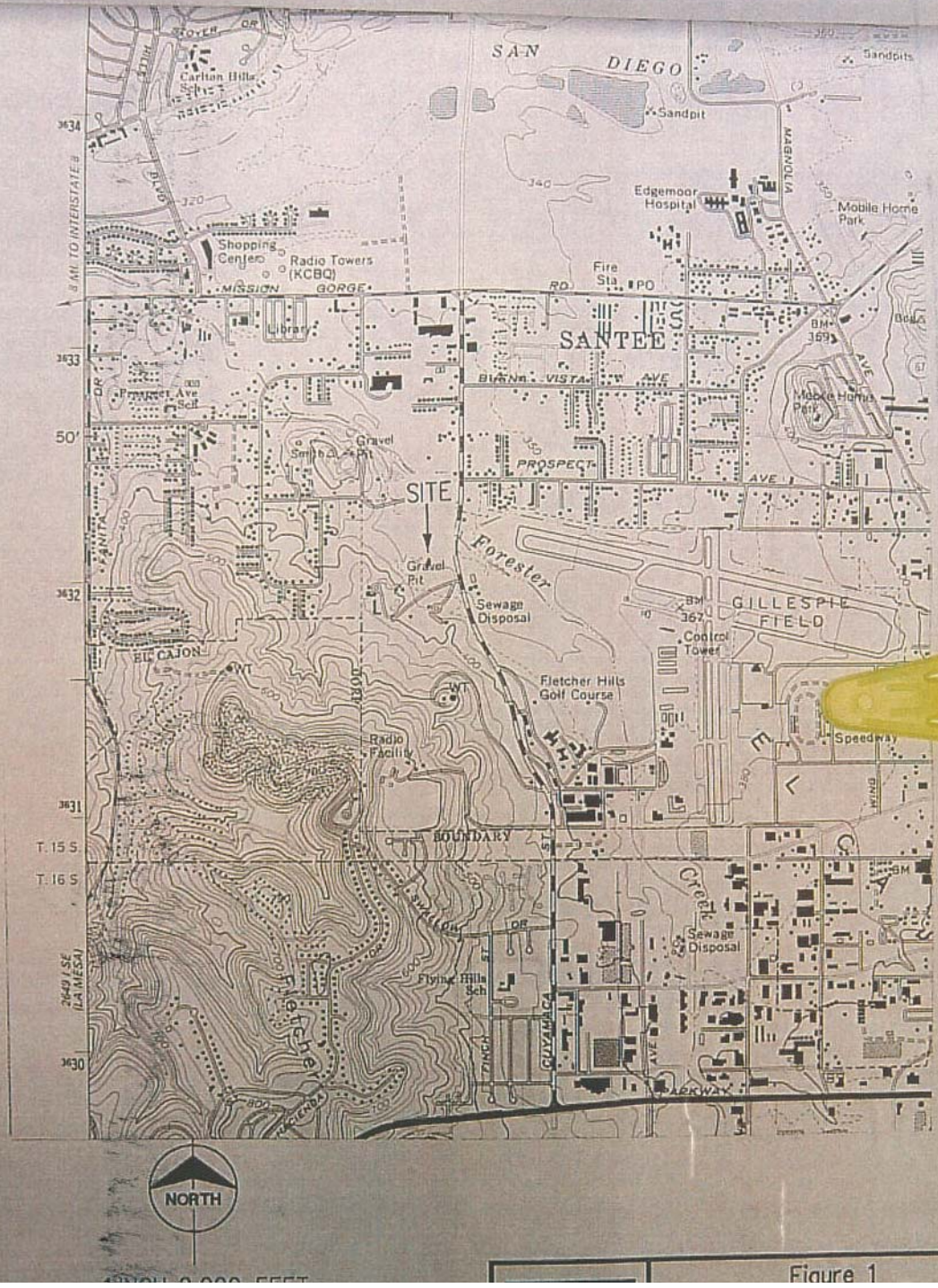


Figure 1



CNTY OF S.D. SANTEE SVC STA H04831-001

Santee Service Station: Former dispenser island excavation.



Santee Service Station: Exposed unleaded gasoline underground storage tanks. View looking to the east.

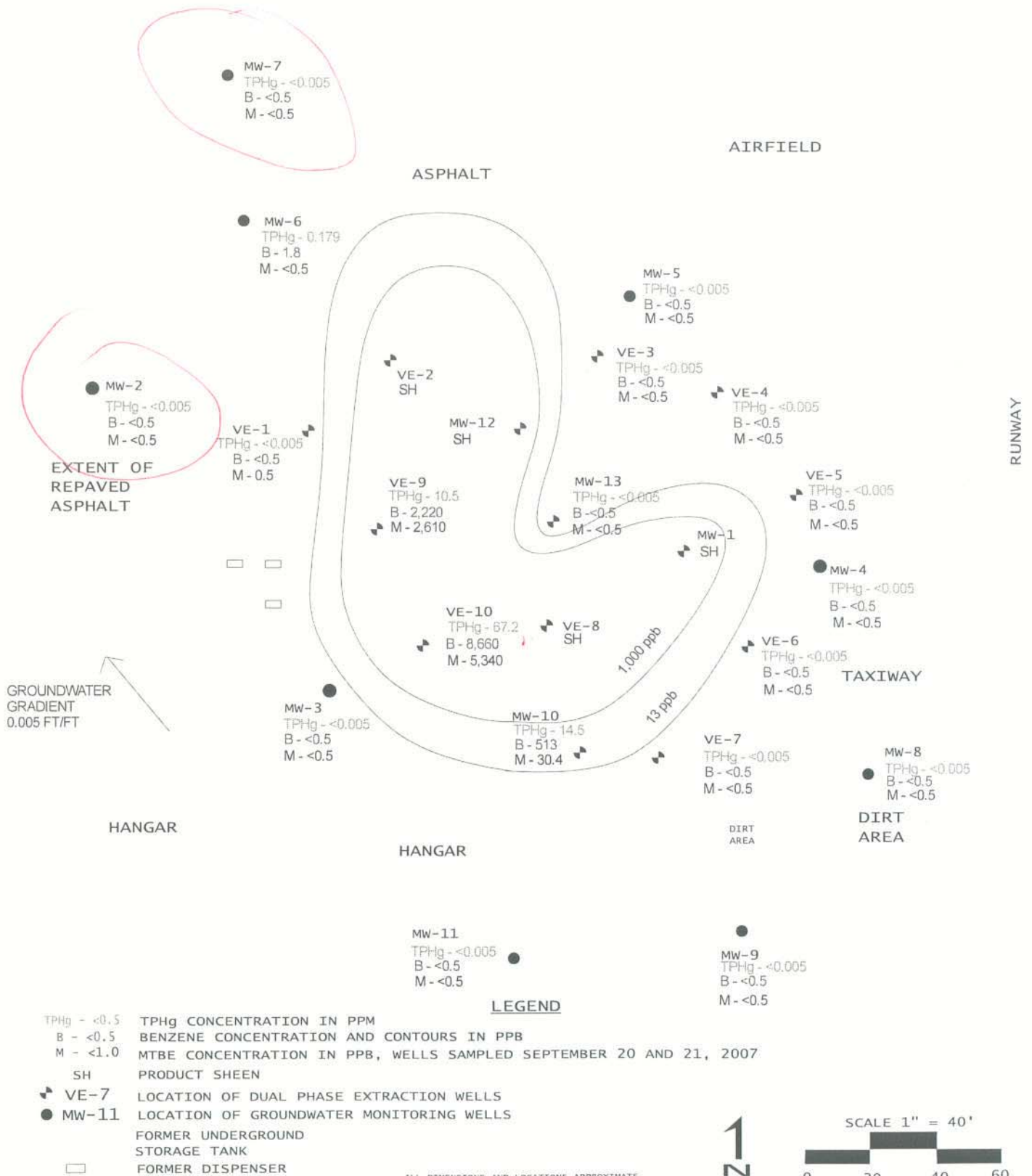
CITY OF S.D. Santee San CTa 11-11-2001



CNTY OF S.D. SANTEE SVC STA H04931 001

Santee Service Station: Former waste oil tank.

SAN DIEGO AIRCRAFT SALES

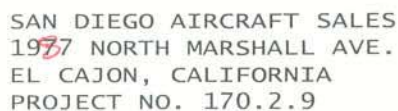


SAN DIEGO AIRCRAFT SALES
1977 NORTH MARSHALL AVE.
EL CAJON, CALIFORNIA
PROJECT NO. 170.2.9

SP

MW-7
TPHg - <0.005
B - <0.5
M - <0.5

Clean



aircraft\drawings\I70.2.9 (9/20,21/07) LAB FIG 4.skf

E. 1987 N. Marshall
Golden State Aviation

FIGURE NO. 4: BENZENE
CONCENTRATIONS IN GROUNDWATER

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

*Laurene
Walsh*

2008 JAN 30 P 3:01

GROUNDWATER MONITORING REPORT
December 2007 SAMPLING EVENT
(Fourth Quarter of 2007)

C&A ORDER No. R9-2002-201
SMC: 20-0252.05:andej

FORMER KETEMA A&E SITE
790 GREENFIELD DRIVE,
EL CAJON, CALIFORNIA 92021-3101

Prepared for:
Ametek, Inc. and Schutte & Koerting, Inc.

Submitted to:
San Diego Regional Water Quality Control Board
9174 Sky Park Court, Suite 100
San Diego, California 92123

Prepared by:
Environmental Navigation Services, Inc
PO Box 231026
Encinitas, California 92024

Doc Scanned On: 1/30/08
S. Bourche Time: 4:48

January 30, 2008

MOON-DW-H

This groundwater monitoring report has been prepared in response to Cleanup and Abatement Order No. R9-2002-201 (CAO) issued by the San Diego Regional Water Quality Control Board (RWQCB) September 19, 2002. This report provides the basic data from the groundwater sampling activities conducted in December for the fourth quarter of 2007. Per the request of ERM-West, Inc., working on behalf of AMETEK, Inc. (AMETEK), the following are being submitted to the RWQCB:

- Included in this report are summary figures, tables, and graphs as follows:

Figure 1: Groundwater Elevation Map, December 2007

It is understood by ENSI that ERM-West, Inc. and the RWQCB have discussed this report format and limited contents, essentially consisting of a data transmittal, and that it is acceptable to the RWQCB.

The data contained in this report, as well as an electronic copy of this report, are required to be entered into the State Water Resources Control Board's (SWRCB) GeoTracker data base. The SWRCB website is: <http://geotracker.swrcb.ca.gov> . The site reference number is SL209234198.

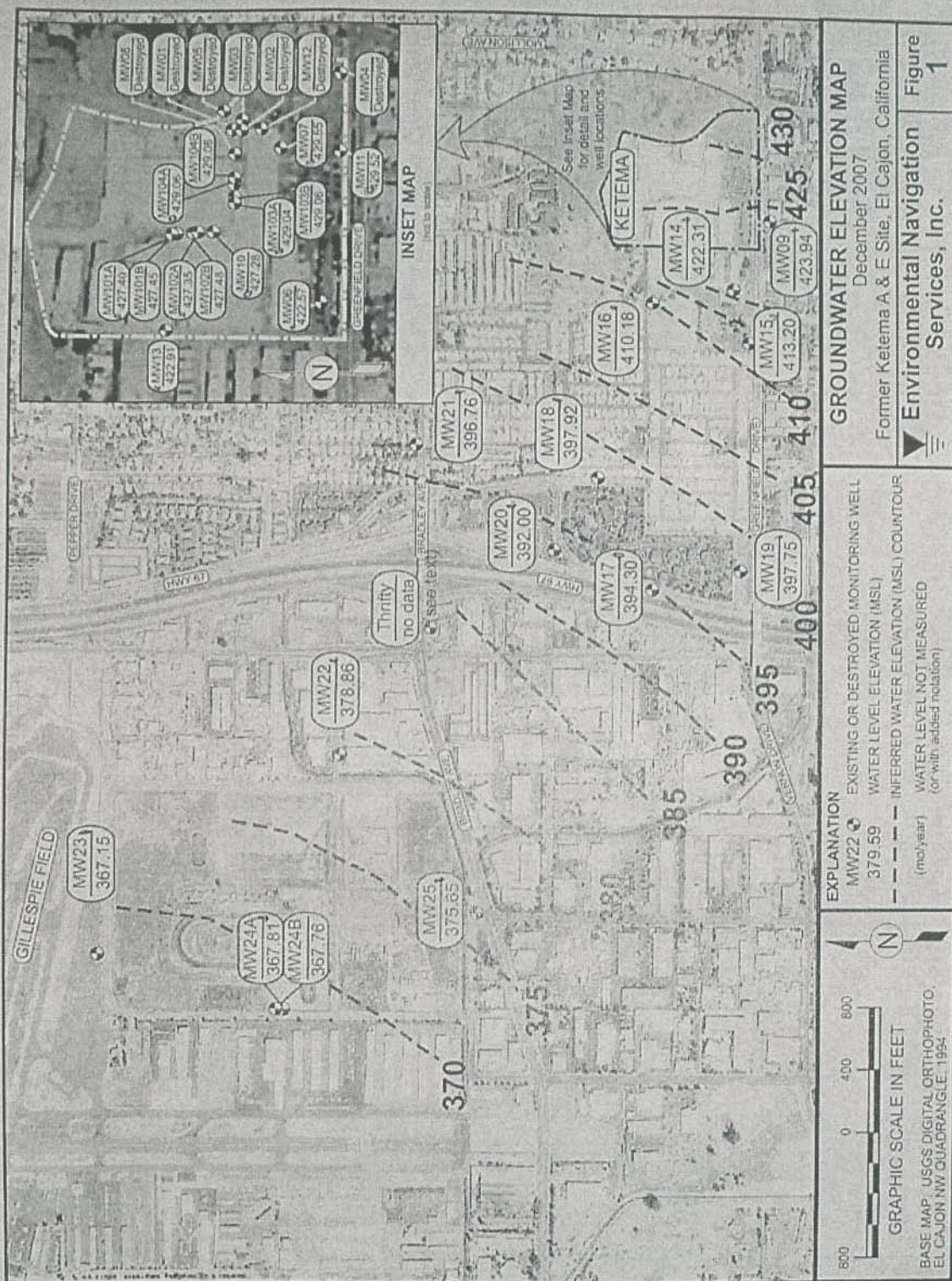


TABLE 1 - Kestema Statistical Summary

WELLS	1,4-DIOXANE	DCE	PCE	TCA	TCE	SAMPLING FREQUENCY	EPA 8260B	1,4-DIOXANE
101A	N/A	N/A	N/A	N/A	N/A	Q***	X	X
101B	N/A	N/A	N/A	N/A	N/A	Q***	X	X
102A	N/A	N/A	N/A	N/A	N/A	Q***	X	X
102B	N/A	N/A	N/A	N/A	N/A	Q***	X	X
103A	N/A	N/A	N/A	N/A	N/A	Q***	X	X
103B	N/A	N/A	N/A	N/A	N/A	Q***	X	X
104A	N/A	N/A	N/A	N/A	N/A	Q***	X	X
104B	N/A	N/A	N/A	N/A	N/A	Q***	X	X
6	N/A	S	N/A	D	NT	SA	X	X
7	N/A	NT	I	N/A	I	Q***	X	X
9	N/A	ND	ND	ND	ND	SA	X	X
10	N/A	NT	I	D	I	Q***	X	X
11	N/A	I	I	I	NT	SA	X	X
13	N/A	D	NT	D	D	Q	X	X
14	N/A	I	I	S	S	SA	X	X
15	N/A	NT	ND	ND	S	**	**	**
16	N/A	D	NT	S	D	SA	X	X
17	N/A	ND	ND	ND	N/A	SA	X	X
18	N/A	N/A	ND	ND	N/A	SA	X	X
19	N/A	ND	S	ND	D	**	**	**
20	N/A	I	ND	ND	S	SA	X	X
21	N/A	S	S	S	NT	SA	X	X
22	N/A	I	S	S	S	SA	X	X
23	N/A	S	NT	S	S	Q	X	X
24A	N/A	N/A	N/A	N/A	N/A	Q	X	X
24B	N/A	N/A	N/A	N/A	N/A	Q	X	X
25	N/A	N/A	N/A	N/A	N/A	Q	X	X
Thrifty Oil Well	N/A	N/A	N/A	N/A	N/A	Q	X	X

28

Q: 16

26

26

SA: 10

I = Increasing

S = Stable

D = Decreasing

NT = No Trend

N/A = Not Applicable due to insufficient Data (<4 sampling events)

ND = All data non detect

* = Modified based on well location and concentrations.

** = Proposed No Sampling & Analysis

*** = Quarterly sampling for 6 consecutive quarters then reevaluate frequency.

Q = Quarterly

SA = Semi-Annual

Based on Mann-Kendall and Linear Regression

MAPOS Statistical Trend Analyses

SANTAS Ser's Slope Estimator and Mann-Whitney Tests

No SEPARATE

W.C. SCHEDULE

©2000-2001

APPENDIX C

HISTORICAL VOC DATA AND GRAPHS, 1987 to Present

Graphs of the groundwater concentration data for TCE, 1,1-DCE, PCE, and 1,4-dioxane are included for existing groundwater monitoring wells. Graphs are provided for wells with detectable chemical concentrations. No graphs are provided for wells MW-9, MW-11, MW-17, MW-19, and MW-21 because these are all 'non-detect' wells.

Appendix C

Historical VOC Data			Note: All concentrations reported in ug/L				v. October 07		
MW-1	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes
12/14/1987	39300	598000	96000	760	<500	3400	28000	400	900
8/18/1988	21500	494000	30300	314	<0.8	1150	26600	ND	1420
1/9/1989	1830	2680	565	131	7.5	NA	NA	NA	NA
duplicate	1660	2950	1810	140	3.99	NA	NA	NA	NA
8/9-10/89	24100	325000	<0.13	<0.07	<0.03	1790	20600	469	3370
duplicate	21500	325000	<0.13	<0.07	<0.03	1800	20300	473	3440
1/18/1990	23300	81000	48000	<0.07	25.4	1106	485	685	3540
4/20/1990	27000	216000	46900	308	<0.75	1930	22600	397	5310
7/13/1990	62800	194000	47800	150	<0.75	18500	443	428	10000
1/18/1991	9380	25000	18500	282	42.5	1990	4240	356	3560
7/24/1991	5900	228000	14300	80.2	13.2	1810	19400	584	4410
2/5&18/92	41000	499000	<165	<90	<40	3510	36900	1030	6440
7/28-29/92	3.9	19.3	<0.33	ND	ND	0.52	6.4	nd	2
12/92-1/93	25700	264000	38300	<35	<15	1080	24200	443	4070
4/1-2/93	29600	230000	41000	39.2	12.9	583	22700	271	2030
8/18/1993	18500	234000	8900	<35	<15	426	33600	378	3000
10/3/1996	11000	120000	16000	<2000	<2000	<2000	6700	<2000	<2000
3/24/1998	1400	20000	3300	<500	<500	<500	530	<500	<500
well destroyed									
MW-2	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes
12/14/1987	17500	358000	173000	1600	<500	5600	44000	520	2000
8/18/1988	13700	123000	38200	613	<0.8	2050	41700	95	2060
1/9/1989	1440	3710	510	814	<0.8	NA	NA	NA	NA
8/9-10/89	24900	267000	<0.13	<0.07	<0.03	3420	19500	1000	7250
1/18/1990	<0.12	31600	10100	<0.07	<0.03	1820	33900	999	5240
duplicate	11,000	21000	39000	500	<0.03	3200	7200	2400	6100
4/20/1990	24500	188000	85700	1950	<7.5	3090	35600	893	7790
duplicate	20000	3500	42000	230	170	170	3400	680	3700
7/13/1990	29700	273000	107000	892	<7.5	3710	2290	860	4780
duplicate	<0.12	<0.03	200	<0.07	930	<0.2	<0.2	<0.2	<0.2
1/18/1991	7300	19700	19800	630	24.9	2360	4410	719	4220
7/24/1991	17900	159000	48600	<175	<75	3710	27100	1010	9950
2/5&18/92	32400	351000	<0.65	<3.75	<0.15	3450	34500	770	9420
7/28-29/92	18900	95200	81400	500	21.7	3000	48300	1200	7300
12/92-1/93	17900	176000	67500	<350	<150	2180	41500	875	8490
10/3/1996	10000	110000	38000	<4000	<4000	<4000	29000	<4000	4200
3/24/1998	5800	63000	25000	<2000	<2000	<2000	22000	<2000	3900
3/19/1999	6400	56000	23000	250	<100	620	24000	860	5900
well destroyed									

Appendix C

MW-3	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes			
12/14/1987	7200	187000	15000	<400	<500	2400	18000	440	1800			
8/18/1988	6630	124000	24800	123	<0.8	1310	28300	183	2360			
1/9/1989	1480	2900	1580	30.9	4.26	NA	NA	NA	NA			
8/10/1989	5380	190000	<0.13	<0.07	<0.03	1400	17100	763	5450			
1/18/1990	<0.12	48700	10800	<0.07	<0.03	408	245	719	3170			
4/20/1990	3790	110000	15300	<175	<75	695	13200	714	6280			
7/13/1990	<300	55700	21500	<175	<75	981	16600	759	2350			
1/18/1991	3540	14500	8180	72.1	14.8	405	484	729	4070			
7/24/1991	<300	66500	3270	<175	<75	<500	8830	<500	4420			
2/5&18/92	593	31800	<0.33	<0.18	16	36	5230	953	3480			
7/28-29/92	2400	27900	3000	31	8.2	100	5160	478	3100			
12/92-1/93	1360	25900	2000	<87.5	<37.5	<125	4880	490	4760			
10/3/1996	190	2100	<250	<100	<100	<100	380	<100	1400			
3/25/1998	120	810	140	25	<20	<20	40	<20	890			
3/19/1999	85	440	<50	<50	<50	<50	85	<50	895			
Well Destroyed												
MW-4	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes			
8/18/1988	<3	<0.8	<3.3	<3.3	<0.8	<5	<5	<5	<5			
1/9/1989	<3	<0.8	<3.3	<3.3	<0.8	NA	NA	NA	NA			
8/10/1989	<0.12	<0.03	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5			
duplicate	<0.12	<0.03	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5			
1/18/1990	<0.12	<0.03	<0.13	<0.07	<0.03	NA	NA	NA	NA			
4/20/1990	<0.12	<0.03	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5			
7/13/1990	<0.3	<0.075	<0.325	<0.175	0.6	<0.5	<0.5	<0.5	<1.5			
Well Destroyed												
MW-5	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes			
8/18/1988	<3	<0.8	<3.3	<3.3	<0.8	<5	<5	<5	<5			
1/9/1989	<3	<0.8	<3.3	<3.3	<0.8	NA	NA	NA	NA			
8/10/1989	<0.12	<0.03	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5			
duplicate	<0.12	<0.03	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5			
1/18/1990	<0.12	<0.03	<0.13	<0.07	<0.03	<0.5	<0.5	<0.5	<0.5			
4/20/1990	<0.12	<0.03	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5			
7/13/1990	<0.3	<0.075	<0.325	<0.175	0.075	<0.5	<0.5	<0.5	<1.5			
Well Destroyed												
MW-6	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
8/18/1988	333	12.2	180	<1.8	<0.8	<5	<5	<5	<5	NA		
1/9/1989	1060	42.3	1830	<1.8	<0.8	NA	NA	NA	NA	NA		
8/9-10/89	3660	47.3	<0.13	<0.07	<0.03	NA	NA	NA	NA	NA		
1/18/1990	1300	61.5	2140	<0.07	<0.03	NA	NA	NA	NA	NA		
4/20/1990	1060	<7.5	2720	<17.5	<7.5	NA	NA	NA	NA	NA		
7/13/1990	1430	223	1460	<17.5	<7.5	NA	NA	NA	NA	NA		
1/18/1991	563	23.8	1330	12.5	<0.75	NA	NA	NA	NA	NA		
7/24/1991	68.5	8.2	116	<0.18	<0.08	NA	NA	NA	NA	NA		
2/5&18/92	507	22	<0.33	<0.18	7.9	NA	NA	NA	NA	NA		
7/28-29/92	743	24	833	ND	ND	NA	NA	NA	NA	NA		
12/92-1/93	391	7.85	570	<3.5	<1.5	<5	<5	<5	<15	NA		
4/1-2/93	634	53	300	4.86	<0.75	10.5	47.3	<2.5	11	NA		
8/18/1993	481	8.5	596	<1.75	<0.75	<2.5	<2.5	<2.5	<7.5	NA		
10/3/1996	460	<20	630	<20	<20	<20	<20	<20	<20	NA		
5/7/1997	430	<10	490	<10	<10	<10	<10	<10	<10	NA		
11/12/2003	140	<2.0	18	<2	56	<1.0	<2.0	<2.0	<2.0	1.1		
6/23/2004	110	<2.0	25	<2	<2.0	<2.0	<2.0	<2.0	<2.0	1.4		
12/30/2004	96	<2.0	14	<2	<2.0	<2.0	<2.0	<2.0	<2.0	1.4		
5/25/2005	97	<2.0	23	<3	<2.0	<2.0	<2.0	<2.0	<2.0	1.1		
11/15/2005	68	<2	21	<2	<2	<1	<1	<1	<2	<1		
5/16/2006	91	<2.0	16	<2	<2.0	<2.0	<2.0	<2.0	<2.0	1.4		
11/15/2006	89	<2.0	23	<2	<2.0	<2.0	<2.0	<2.0	<2.0	1.4	DX-Blank	
6/26/2007	92	<5	24	<5	<5	<5	<5	<5	<5	ND-2		
12/5/2007	82	<1	18	<1	<1	<1	<1	<1	<1	<2		

Appendix C

MW-7	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzo	Xylenes	1,4-diox
8/18/1988	<3	<0.8	<3.3	<3.3	<0.8	<5	<5	<5	<5	NA
1/9/1989	<3	<0.8	<3.3	<3.3	<0.8	NA	NA	NA	NA	NA
8/10/1989	<0.12	<0.03	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5	NA
1/18/1990	<0.12	<0.03	<0.13	<0.07	<0.03	<0.5	1	<0.5	<0.5	NA
4/20/1990	<0.12	<0.03	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5	NA
7/13/1990	<0.3	<0.075	<0.325	<0.175	<0.075	<0.5	<0.5	<0.5	<1.5	NA
12/92-1/93	<0.6	4.81	9.41	<0.35	ND	<0.5	<0.5	<0.5	<1.5	NA
10/3/1996	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA
11/12/2003	2.8	1.2	<1.0	<1	16	<0.5	<1.0	<1.0	<1.0	1.0
6/18/2004	<2	<2	<5	<2	<2	<2	<2	<2	3	1.0
12/29/04	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1
5/25/2005	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.2
11/15/2005	<2	2.4	<5	<2	<2	<1	<1	<1	<2	1.1
5/16/2006	<2	3.1	<5	<2	<2	<2	<2	<2	<2	1.7
8/15/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.4
11/15/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.8
6/26/2007	<5	<5	<5	<5	<5	<5	<5	<5	ND<2	DX-Blank
9/19/2007	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
12/3/2007	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
DX-ZX										
MW-8	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzo	Xylenes	
8/18/1988	5660	147	26.5	<1.8	<0.8	<5	<5	<5	<5	
1/9/1989	1170	216	171	17.1	<0.8	NA	NA	NA	NA	
8/9-10/89	3050	87.5	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5	
1/18/1990	<0.12	80.5	63	6.6	<0.12	<0.2	<0.5	<0.5	<0.5	
duplicate	<0.12	147	61.7	6.6	<0.12	<0.2	<0.5	<0.5	<0.5	
4/20/1990	9740	114	75.6	12.1	<0.03	<0.2	<0.5	<0.2	<0.5	
duplicate	8300	3	74	2	4.7	<0.2	<0.2	<0.2	<0.2	
7/13/1990	6040	338	188	5.4	3.5	<0.5	<0.5	<0.5	<1.5	
duplicate	<0.12	<0.02	210	<0.07	3.1	9.2	<0.2	<0.2	4.5	
1/18/1991	917	27.5	96.2	<1.75	<0.75	<5	<5	<5	<15	
7/24/1991	<0.3	52	48.9	1.2	2.4	<0.5	<0.5	<0.5	<1.5	
2/5&18/92	9510	1580	<165	<90	<40	<250	<250	<250	<750	
7/28-29/92	10500	343	237	ND	2.2	0.6	0.84	0.73	5.4	
12/92-1/93	5100	51.3	<32.5	<17.5	<7.5	<25	<25	<25	<75	
4/1-2/93	7700	26	24.4	<0.35	0.94	<0.5	1.56	<0.5	<1.5	
8/18/1993	4080	38.8	37	<3.5	<1.5	<5	<5	<5	<15	
10/3/1996	2700	<100	<250	<100	<100	<100	<100	<100	<100	
3/25/1998	5800	<200	<500	<200	<200	<200	<200	<200	<200	
well destroyed										
MW-9	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzo	Xylenes	1,4-diox
10/26/1988	<1	<0.8	<3.3	<1.8	<0.8	<500	<500	<500	NA	
1/9/1989	<3	<0.8	<3.3	<1.8	<0.8	NA	NA	NA	NA	NA
8/9-10/89	<0.12	<0.03	<0.13	<0.07	<0.03	NA	NA	NA	NA	NA
1/18/1990	<0.12	<0.03	<0.13	<0.07	<0.03	NA	NA	NA	NA	NA
4/20/1990	<0.12	<0.03	<0.13	<0.07	<0.03	NA	NA	NA	NA	NA
7/13/1990	<0.3	<0.075	<0.325	<0.175	<0.075	NA	NA	NA	NA	NA
12/92-1/93	<0.6	<0.15	<0.65	<0.35	<0.15	<0.5	<0.5	<0.5	<1.5	NA
10/3/1996	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA
11/18/2001	<1.0	<1.0	<1.0	<1	<1.0	1.5	<1.0	<1.0	<1.0	<1.0
6/18/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1.0
12/29/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1.0
5/25/2005	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1.0
11/15/2005	<2	<2	<5	<2	<2	<1	<1	<1	<2	<1.0
5/16/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1.0
11/14/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.1
6/26/2007	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2
12/3/2007	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
DX-Blank										

Appendix C

MW-10	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCB	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
10/26/1988	5550	124	<3.3	10.1	64.3	<500	<500	<500	<500	NA		
1/9/1989	1700	1600	1230	77.3	38.7	NA	NA	NA	NA	NA		
8/9-10/89	5490	1540	67.5	22.1	23.9	NA	NA	NA	NA	NA		
1/18/1990	<0.12	2540	1040	162	44.4	NA	NA	NA	NA	NA		
4/20/1990	12100	14200	3680	<17.5	<7.5	NA	NA	NA	NA	NA		
7/13/1990	6420	1710	1910	<17.5	<7.5	NA	NA	NA	NA	NA		
1/18/1991	1137	820	1180	93.2	45.1	NA	NA	NA	NA	NA		
7/24/1991	20100	2630	<325	<175	<75	NA	NA	NA	NA	NA		
2/5&18/92	48000	3290	<165	<90	<40	NA	NA	NA	NA	NA		
7/28-29/92	20600	1500	2150	25	38	3	4	ND	ND	NA		
12/92-1/93	14100	744	1240	74	34.4	<25	<25	<25	<75	NA		
4/1-2/93	50200	855	804	47.8	39.4	1.58	1.94	<0.5	<1.5	NA		
8/18/1993	<6	747	843	45.2	55.2	<5	<5	<5	<15	NA		
10/3/1996	33000	<400	1300	<400	<400	<400	<400	<400	<400	NA		
5/7/1997	23000	<400	1200	<400	<400	<400	<400	<400	<400	NA		
3/24/1998	13000	1300	1400	<400	<400	<400	<400	<400	<400	NA		
3/19/1999	21000	520	1100	<100	300	<100	<100	<100	<100	NA		
3/20/2000	19000	460	1200	<100	<200	<200	<200	<200	<200	NA		
3/16/2001	24000	<400	1300	<400	670	<400	<400	<400	<400	NA		
3/28/2002	15000	<400	1100	<400	590	<400	<400	<400	<400	230		
11/12/2003	11000	340	1100	<200	<200	<100	<200	<200	<200	210		
6/25/2004	13000	<400	1100	<400	<400	<400	<400	<400	<400	220		
1/4/2005	1400E	380E	750E	38	47	1.1	<0.5	<0.5	<0.5	260		
1/4 re-run	7200 H2	490 H2	1400 H2									
Lab failed to run diluted sample, (E)stimated values are out of instrument range												
H2 samples were run on archived sample after hold time was exceeded (see report)												
1/28/2005	14000	450	1400	<400	<400	<400	<400	<400	<400	NA		
5/26/2005	17000	<400	1300	<400	<400	<400	<400	<400	<400	380		
11/17/2005	16000	340	1100	<250	<250	<120	<120	<120	<250	270	not MD	
5/18/2006	16000	400	990	<100	<100	<100	<100	<100	<100	280	MD	
duplicate	18000	320	810	<100	<100	<100	<100	<100	<100	260	MD	
8/16/2006	19000	430	1100	<100	<100	<100	<100	<100	<100	280	MD	
11/21/2006	12000	390	890	<40	<40	<40	<40	<40	<40	200	MD	DX-Surr.
duplicate	13000	310	790	<80	<80	<80	<80	<80	<80	230	MD	DX-Spike
6/28/2007	16000	310	790	36	30	<1	<1	<1	<1	16.6	MD	
duplicate	13000	320	670	37	55	1.5	<1	<1	<1	14	MD	
9/20/2007	11000	230	780	27	49	<1	<1	<1	<1	270	MD	DX-ZX
duplicate	11000	210	900	25	49	<1	<1	<1	<1	260	MD	DX-ZX
12/6/2007	12000	280	1100	28	40	<1	<1	<1	<1	230	MD	DX-ZX
duplicate	13000	250	1100	25	36	<1	<1	<1	<1	230	MD	DX-ZX
MW-11	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCB	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
10/26/1988	12.8	<0.8	<3.3	<1.8	<0.8	<500	<500	<500	<500	NA		
1/9/1989	<3	<0.8	<3.3	<1.8	<0.8	NA	NA	NA	NA	NA		
8/9-10/89	<0.12	<0.03	<0.13	<0.07	<0.03	NA	NA	NA	NA	NA		
1/18/1990	<0.12	<0.03	<0.13	<0.07	<0.03	NA	NA	NA	NA	NA		
4/20/1990	32.7	5.7	<0.13	<0.07	<0.03	NA	NA	NA	NA	NA		
7/13/1990	<0.3	<0.075	<0.325	<0.175	<0.075	NA	NA	NA	NA	NA		
12/92-1/93	<0.6	0.49	<0.65	<0.35	0.25	<0.5	<0.5	<0.5	<1.5	NA		
10/3/1996	<2	<2	<5	<2	<2	<2	<2	<2	<2	<2		
11/18/2003	<1.0	<1.0	<1.0	1.4	1.1	<0.5	<1.0	<1.0	<1.0	<1.0		
6/23/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1.0		
12/29/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1.0		
5/25/2005	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.0		
11/15/2005	<2	<2	<5	<2	<2	<1	<1	<1	<2	<1		
5/16/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.0		
11/14/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.7	DX-Blank	
6/26/2007	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2		
12/3/2007	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		

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MW-12	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCB	BENZENE	TOLUENE	EthylBenze	Xylenes		
10/26/1988	1.35	2.46	<3.3	<1.8	<0.8	<500	<500	<500	<500		
1/9/1989	<3	<0.8	<3.3	<1.8	<0.8	NA	NA	NA	NA		
8/9-10/89	<0.12	<0.03	<0.07	<0.13	<0.03	0.2	2.6	1.2	<0.5		
1/18/1990	<0.12	162	<0.13	<0.07	<0.03	<0.2	5.5	<0.5	<0.5		
4/20/1990	14.9	<0.03	<0.13	<0.07	<0.03	<0.2	<0.5	<0.5	<0.5		
7/13/1990	5.3	<0.075	4.4	<0.175	<0.075	<0.5	<0.5	<0.5	<1.5		
1/18/1991	<0.3	1.6	<0.33	<0.18	<0.08	<0.5	<0.5	<0.5	<1.5		
7/24/1991	<0.3	1.4	<0.33	<0.18	<0.08	<5	<5	<5	<15		
2/5&18/92	3.3	18	<0.33	<0.18	<0.08	<0.5	3.5	<0.5	4.1		
7/28-29/92	9	3.4	ND	ND	0.25	ND	1.6	ND	ND		
12/92-1/93	1.6	0.93	<0.65	<0.35	0.31	<0.5	<0.5	<0.5	<1.5		
10/3/1996	<2	<2	<5	<2	<2	<2	<2	<2	<2		
well destroyed											
MW-13	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCB	BENZENE	TOLUENE	EthylBenze	Xylenes	1,4-diox	
8/9-10/89	7290	<3	<13	<7	1110	NA	NA	NA	NA	NA	
1/18/1990	<0.12	1110	2220	<0.07	2850	NA	NA	NA	NA	NA	
duplicate	470	250	390	<0.07	440	NA	NA	NA	NA	NA	
4/20/1990	13000	653	1650	49.6	1390	<5	<12.5	<12.5	<12.5	NA	
duplicate	11000	8.2	1400	21	1800	<0.2	<0.2	<0.2	<0.2	NA	
7/13/1990	5830	<0.75	1740	22	4530	<5	<5	<5	<15	NA	
duplicate	<0.12	<0.03	240	<0.07	6700	<0.2	<0.2	<0.2	<0.2		
1/18/1991	4760	189	1000	23.4	3900	<0.5	<0.5	<0.5	<1.5	NA	
duplicate	6000	<40	630	<40	6400	<100	<100	<100	<200		
7/24/1991	8250	2580	545	12.7	2490	<5	<5	<5	<15	NA	
duplicate	5600	<200	550	<200	4300	<500	<500	<500	<1000		
2/5&18/92	11600	7560	<165	<90	2220	<250	1400	<250	1500	NA	
duplicate	8000	<400	740	<400	1100	<1000	<1000	<1000	<2000		
7/28-29/92	8100	305	743	23	1100	5	38	ND	ND	NA	
12/92-1/93	4360	688	564	<17.5	4770	<25	<25	<25	<75	NA	
duplicate	4700	<200	230	<200	6200	<50	<50	<50	<100		
4/1-2/93	2530	304	<0.65	16.7	60800	<0.5	4.32	<0.5	<1.5	NA	
duplicate	2900	<2000	<2000	<2000	64000	<5000	<5000	<5000	<10000		
8/18/1993	1840	64.5	187	8.43	1770	<5	<5	<5	<15	NA	
duplicate	3200	<80	230	<80	2900	<25	<25	<25	<50		
10/3/1996	3000	<200	<500	<200	5300	<200	<200	<200	<200	NA	
3/24/1997	3000	<200	<500	<200	290	<200	<200	<200	<200	NA	
5/7/1997	3700	<200	<500	<200	620	<200	<200	<200	<200	NA	
3/24/1998	4200	<200	<500	<200	11000	<200	<200	<200	<200	NA	
3/19/1999	2400	<100	210	<100	770	<100	<100	<100	<100	NA	
3/20/2000	2500	56	280	<40	2100	<40	<40	<40	<40	NA	
3/16/2001	3100	<100	<250	<100	12000	<100	<100	<100	<100	NA	
3/28/2002	2400	<40	180	<40	1700	<40	<40	<40	<40	31	
11/12/2003	2400	<40	150	<40	1300	<20	<40	<40	<40	38	
6/23/2004	3000	<80	<200	<80	1100	<80	<80	<80	<80	42	
1/4/2005	2800	<40	150	<40	4500	<20	<40	<40	<40	43	
5/26/2005	1500	<40	<100	<40	3700	<40	<40	<40	<40	24	
11/17/2005	1200	<20	51	<20	3400	<10	<10	<10	<20	18	MD
5/17/2006	1700	5.5	80	5.7	2000	<4	<4	<4	<4	32	MD
8/16/2006	2100	<40	120	<40	4500	<40	<40	<40	<40	51	MD
11/16/2006	2400	<40	120	<10	1700	<10	<10	<10	<10	45	MD DX-Surr.
6/27/2007	2100	7.1	110	5.4	7400	<1	<1	<1	<1	3.3	MD
9/19/2007	1900	4.7	110	3.9	3500	<1	<1	<1	<1	56	MD DX-ZX
12/5/2007	1700	5	110	3.8	5400	<1	<1	<1	<1	48	MD

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MW-14	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	Ethylbenze	Xylenes	1,4-diox.		
8/9/10/89	845	<0.03	<0.13	<0.07	<0.03	NA	NA	NA	NA	NA		
1/18/1990	1020	81.2	746	<0.07	<0.03	NA	NA	NA	NA	NA		
4/20/1990	1750	51.4	12.5	<0.07	0.6	<0.2	<0.5	<0.5	<0.5	NA		
7/13/1990	1410	33.2	<0.325	2.4	1.4	5.3	9.1	<0.5	<1.5	NA		
1/18/1991	115	30.5	166	3.8	3.3	3.6	<0.5	<0.5	<1.5	NA		
duplicate	1200	<40	370	<40	<40	<100	<100	<100	<200	NA		
7/24/1991	381	40.4	240	<1.8	<0.8	<5	<5	<5	<15	NA		
duplicate	890	<20	330	<20	<20	<50	<50	<50	<100	NA		
2/5&18/92	2130	<4	<17	<9	<1	<25	<25	<25	<75	NA		
12/92-1/93	546	18.3	519	<3.5	<1.5	<5	<5	<5	<15	NA		
4/1-2/93	572	13.5	<0.65	0.93	262	0.73	1077	<0.5	<1.5	NA		
8/18/1993	267	20.7	340	<3.5	<1.5	<5	<5	<5	<15	NA		
4/18/1994	<0.60	22.7	549	0.95	0.6	3	ND	ND	ND	NA		
duplicate	390	26	670	<20	<20	<50	<50	<50	<100	NA		
10/3/1996	480	38	1100	<20	<20	<20	<20	<20	<20	NA		
3/24/1997	360	36	820	<20	<20	<20	<20	<20	<20	NA		
5/7/1997	380	30	730	<20	<20	<20	<20	<20	<20	NA		
3/25/1998	280	18	540	<10	<10	<10	<10	<10	<10	NA		
11/13/2003	320	7	350	<4	4.9	<2.0	<4.0	<4.0	<4.0	15		
6/24/2004	400	6.8	430	<2	<2	<2	<2	<2	<2	17		
1/4/2005	280	5.4	310	2	<2	<1	<2	<2	<2	11		
5/25/2005	270	<8	270	<8	<8	<8	<8	<8	<8	19		
11/16/2005	340	7.6	350	<5	<5	<2.5	<2.5	<2.5	<5	19		
5/17/2006	380	10	350	3.2	37	<2	<2	<2	<2	26	MD	
11/20/2006	380	6.9	290	2.2	<2	<2	<2	<2	<2	14	MD	DX-Surr.
6/27/2007	180	2.6	200	<1	<1	<1	<1	<1	<1	ND->2	MD	
duplicate	220	3.9	200	1.6	6.2	<1	<1	<1	<1	ND->2	MD	
12/5/2007	180	2.3	180	<1	4.4	<1	<1	<1	<1	5.2	MD	DX-ZX
MW-15	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	Ethylbenze	Xylenes	1,4-diox.		
12/10/1996	240	<2	9	<2	<2	<2	<2	<2	<2	NA		
3/24/1997	260	<4	16	<4	<4	<4	<4	<4	<4	NA		
5/7/1997	220	<5	<13	<5	<5	<5	<5	<5	<5	NA		
3/25/1998	100	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/19/1999	170	<1	16	<1	<1	<1	<1	<1	<1	NA		
9/9/1999	130	<2	9.4	<2	<2	<2	<2	<2	<2	NA		
3/20/2000	100	<2	5.9	<2	<2	<2	<2	<2	<2	NA		
9/29/2000	140	<2	9.3	<2	<2	<2	<2	<2	<2	NA		
3/15/2001	43	<2	<5	<2	<2	<2	<2	<2	<2	NA		
9/27/2001	160	<2	9.6	<2	<2	<2	<2	<2	<2	NA		
3/27/2002	190	<2	6.7	<2	<2	<2	<2	<2	<2	NA		
9/26/2002	120	<1	6.3	<1	<1	<0.50	<1	<1	<1	23		
1/18/2003	95	<1.0	4.1	<1	<1.0	<0.5	<1.0	<1.0	<1.0	<1.0	MD	

Appendix C

MW-16	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenz	Xylenes	1,4-diox		
12/10/1996	8900	<100	830	<100	410	<100	<100	<100	<100	NA		
3/24/1997	6500	<200	820	<200	300	<200	<200	<200	<200	NA		
5/7/1997	6900	<200	740	<200	290	<200	<200	<200	<200	NA		
3/24/1998	4000	<100	440	<100	220	<100	<100	<100	<100	NA		
3/19/1999	5250	<50	850	<50	300	<50	<50	<50	<50	NA		
4/13/1999	5500	<50	660	<50	360	<50	<50	<50	<50	NA		
duplicate	4900	<100	500	<100	340	<100	<100	<100	<100	NA		
3/20/2000	4200	<100	520	<100	410	<100	<100	<100	<100	NA		
3/15/2001	4200	<100	510	<100	320	<100	<100	<100	<100	NA		
duplicate	3800	<80	450	<80	330	<80	<80	<80	<80	NA		
3/27/2002	4100	<100	470	<100	360	<100	<100	<100	<100	140		
11/13/2003	3700	<40	410	<40	290	<20	<40	<40	<40	120		
6/24/2004	4800	<200	<500	<200	380	<200	<200	<200	<200	130		
1/4/2005	4200	<40	410	<40	340	<20	<40	<40	<40	110		
5/25/2005	4300	<100	380	<100	300	<100	<100	<100	<100	120		
11/16/2005	3700	<1	340	<50	300	<25	<25	<25	<50	100		
5/17/2006	4300	10	290	17	330	<10	<10	<10	<10	93	MD	
11/20/2006	4900	<20	380	<20	300	<20	<20	<20	<20	77	MD	DX-Surr.
6/27/2007	3600	5.6	270	11	330	1.3	<1	<1	<1	8.3	MD	
12/5/2007	2800	5.1	270	11	250	<1	<1	<1	<1	87	MD	DX-ZX
MW-17	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenz	Xylenes	1,4-diox		
3/24/1997	61	<2	<5	<2	<2	<2	<2	<2	<2	NA		
5/6/1997	48	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/24/1998	38	<2	<5	<2	<2	<2	<2	<2	<2	NA		
11/18/2003	<1.0	<1.0	<1.0	<1	<1.0	<0.5	<1.0	<1.0	<1.0	<1.0		
6/23/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1.0		
12/28/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1.0		
5/25/2005	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1.0		
11/15/2005	<2	<2	<5	<2	<2	<1	<1	<1	<2	<1.0		
5/15/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	1		
11/14/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.8	DX-Blank	
6/26/2007	<5	<5	<5	<5	<5	<5	<5	<5	<5	ND<2		
12/4/2007	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		
MW-18	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenz	Xylenes	1,4-diox		
3/24/1997	310	<5	120	.5	<5	<5	<5	<5	<5	NA		
5/6/1997	390	<5	150	<5	<5	<5	<5	<5	<5	NA		
3/25/1998	330	<5	180	<5	<5	<5	<5	<5	<5	NA		
11/14/2003	270	<2.0	120	<2	<2.0	<1.0	<2.0	<2.0	<2.0	79		
6/23/2004	350	<10	160	<10	<10	<10	<10	<10	<10	98		
12/30/2004	420	<20	260	<20	<20	<20	<20	<20	<20	140		
5/25/2005	280	<20	150	<20	<20	<20	<20	<20	<20	120		
11/16/2005	320	<5	170	<5	<5	<2.5	<2.5	<2.5	<5	120		
5/17/2006	340	<2	160	<2	<2	<2	<2	<2	<2	140	MD	
11/15/2006	310	<2	200	<2	<2	<2	<2	<2	<2	120	MD	DX-Blank
6/23/2007	270	<5	140	<5	<5	<5	<5	<5	<5	13.8		
12/4/2007	230	<1	140	<1	<1	<1	<1	<1	<1	120		

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MW-19	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
5/8/1997	22	<2	<5	<2	2.6	<2	<2	<2	<2	NA		
3/24/1998	3	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/19/1999	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA		
9/9/1999	<2	<2	<2	<2	<2	<2	<2	<2	<2	NA		
3/20/2000	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
9/29/2000	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/14/2001	<2	<2	<5	<2	<2	<2	2.0	<2	<2	NA		
9/27/2001	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/26/2002	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
9/26/2002	<1	<1	<1	<1	<1	<0.50	<1	<1	<1	<1		
11/18/2003	<1	<1	<1	<1	<1	<0.50	<1	<1	<1	<1		
MW-30	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
5/8/1997	690	<20	100	<20	<20	<20	<20	<20	<20	NA		
3/24/1998	810	<20	110	<20	<20	<20	<20	<20	<20	NA		
3/19/1999	900	<10	78	<10	<10	<10	<10	<10	<10	NA		
4/13/1999	940	<10	210	<10	<10	<10	<10	<10	<10	NA		
4/13/1999	890	<40	170	<40	<40	<40	<40	<40	<40	NA		
3/20/2000	600	<10	140	<10	<10	<10	<10	<10	<10	NA		
3/15/2001	480	<8	130	<8	<8	<8	<8	<8	<8	NA		
3/29/2002	720	<10	220	<10	<10	<10	<10	<10	<10	41		
9/27/2002	493	<10	170	<10	<10	<5	<10	<10	<10	45		
note: depth-specific profiling conducted 9/02. See report dated 10/02 for details												
11/14/2003	640	<10	190	<10	<10	<5	<10	<10	<10	37		
6/23/2004	330	<20	93	<20	<20	<20	<20	<20	<20	42		
12/30/2004	380	<10	120	<10	<10	<10	<10	<10	<10	42		
5/25/2005	500	<10	190	<10	<10	<10	<10	<10	<10	54		
11/16/2005	440	<5	190	<5	<5	<2.5	<2.5	<2.5	<5	52		
5/17/2006	290	<2	99	<2	<2	<2	<2	<2	<2	39	MD	
duplicate	280	<2	99	<2	<2	<2	<2	<2	<2	33	MD	
11/15/2006	210	<2	92	<2	<2	<2	<2	<2	<2	36	MD	DX-Blank
6/26/2007	310	<5	140	<5	<5	<5	<5	<5	<5	3.7		
12/5/2007	210	<1	110	<1	<1	<1	<1	<1	<1	43		
MW-41	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
5/8/1997	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/24/1998	16	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/19/1999	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA		
9/9/1999	<2	<2	<2	<2	<2	<2	<2	<2	<2	NA		
3/20/2000	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
9/29/2000	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/14/2001	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
9/27/2001	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/26/2002	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
9/26/2002	<1	<1	<1	<1	<1	<0.50	<1	<1	<1	<1		
11/14/2003	<1	<1	<1	<1	1.9	<0.50	<1	<1	<1	<1		
12/22/2003	<1	<1	<1	<1	<1	<0.50	<1	<1	<1	<1		
6/17/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1		
12/29/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1		
5/23/2005	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1		
11/15/2005	<2	<2	<5	<2	<2	<1	<1	<1	<2	<1		
5/16/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1		
11/14/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.5	DX-Blank	
6/25/2007	<5	<5	<5	<5	<5	<5	<5	<5	<5	ND<2		
12/4/2007	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		

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MW-22	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenze	Xylenes	1,4-diox.		
3/24/1998	1000	<20	<50	<20	<20	<20	<20	<20	<20	NA		
3/19/1999	1700	<10	59	<10	<10	<10	<10	<10	<10	NA		
4/13/1999	1800	<10	37	<10	<10	<10	<10	<10	<10	NA		
4/13/1999	1500	<40	<100	<40	<40	<40	<40	<40	<40	NA		
3/21/2000	1700	<40	<100	<40	<40	<40	<40	<40	<40	NA		
duplicate	1700	<40	<100	<40	<40	<40	<40	<40	<40	NA		
3/15/2001	1000	<20	54	<20	<20	<20	<20	<20	<20	NA		
3/27/2002	1500	<20	130	<20	<20	<20	<20	<20	<20	15		
9/27/2002	1250	<10	149		<10	<5	<10	<10	<10	29		
note: depth-specific profiling conducted 9/02. See report dated 10/02 for details												
11/18/2003	1200	<10	190		<10	<5	<10	<10	<10	30		
6/23/2004	1300	<40	240	<40	<40	<40	<40	<40	<40	28		
1/4/2005	2100	<20	340	<20	<20	<20	<20	<20	<20	43		
5/25/2005	1600	<40	340	<40	<40	<40	<40	<40	<40	46		
11/16/2005	1500	<10	400	<10	<10	22	<5	<5	<10	45		
5/17/2006	610	<4	120	<4	<4	<4	<4	<4	<4	18	MD	
11/16/2006	680	<4	160	<4	780	<5	<5	<5	<5	33	MD	DX-Surr.
6/27/2007	850	<1	210	<1	2.1	<1	<1	<1	<1	4.6	MD	
12/5/2007	360	<1	170	<1	<1	<1	<1	<1	<1	12	MD	
MW-23	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenze	Xylenes	1,4-diox.		
3/26/1998	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
9/18/1998	<2	<2	<5	<2	<2	<2	4.9	<2	<2	NA		
4/13/1999	<1	<1	<1	<2	<1	<1	<1	<1	<1	NA		
4/13/1999	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
9/9/1999	<2	<2	<2	<2	<2	<2	<2	<2	<2	NA		
3/20/2000	2.7	<2	<5	<2	9	<2	<2	<2	<2	NA		
9/29/2000	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/14/2001	<2	<2	<5	<2	<2	2.3	3.2	<2	2.3	NA		
9/27/2001	<2	<2	<5	<2	<2	<2	<2	<2	<2	NA		
3/26/2002	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1		
9/26/2002	<1	<1	<1	<2	<1	<0.50	<1	<1	<1	<1		
11/12/2003	2.2	<1	1.1	<2	1.6	<0.50	<1	<1	<1	<1		
12/22/2003	1.7	<1	<1	<1	<1	<0.50	<1	<1	<1	NA		
6/17/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	1.4		
12/29/2004	2.6	<2	<5	<2	<2	<2	<2	<2	<2	1.4		
5/23/2005	4.5	<2	<5	<2	<2	<2	<2	<2	<2	2.1		
11/14/2005	3	<2	<5	<2	<2	<1	<1	<1	<2	1.7		
5/15/2006	8	<2	<5	<2	<2	<2	<2	<2	<2	2.9		
8/15/2006	6.5	<2	<5	<2	<2	<2	<2	<2	<2	2		
dup	7.3	<2	<5	<2	<2	<2	<2	<2	<2	3	DX-Blank	
11/15/2006	5.9	<2	<5	<2	<2	<2	<2	<2	<2	3.1	DX-Blank	
dup	<2	<2	<5	<2	<2	<2	<2	<2	<2	3		
3/28/2007	12	<1	<1	<1	<1	<1	<1	<1	<1	3		
6/25/2007	11	<5	<5	<5	<5	<5	<5	<5	<5	ND-2		
dup	13	<5	<5	<5	<5	<5	<5	<5	<5	ND-2		
9/19/2007	8.8	<1	<1	<1	<1	<1	<1	<1	<1	4.2		
12/4/2007	9.2	<1	<1	<1	<1	<1	<1	<1	<1	4.2	DX-ZX	
dup	16	<1	<1	<1	<1	<1	<1	<1	<1	3.9		

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MW-24A	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	Ethylbenze	Xylenes	1,4-diox.		
3/25/2003	<2.0	<2.0	<5	<2	<2	NA	NA	NA	NA	<1		
11/14/2003	11	<1	<1	<1	1.1	<0.50	<1	<1	<1	<1		
12/22/2003	12	<1	<1	<1	<1	<0.50	<1	<1	<1	NA		
6/17/2004	11	<2	<5	<2	<2	<2	<2	<2	<2	1.3		
12/28/2004	16	<2	<5	<2	<2	<2	<2	<2	<2	1.3		
5/23/2005	11	<2	<5	<2	<2	<2	<2	<2	<2	1.5		
11/14/2005	15	<2	<5	<2	<2	<1	<1	<1	<2	2.5		
5/16/2006	26	<2	<5	<2	<2	<2	<2	<2	<2	3.7		
duplicate	27	<2	<5	<2	<2	<2	<2	<2	<2	3.4		
8/15/2006	36	<2	<5	<2	<2	<2	<2	<2	<2	4.3		
11/15/2006	47	<2	<5	<2	<2	<2	<2	<2	<2	6.9	DX-Blank	
3/28/2007	47	<1	<1	<1	<1	<1	<1	<1	<1	7.4		
6/25/2007	51	<5	<5	<5	<5	<5	<5	<5	<5	ND-2		
9/19/2007	46	<1	<1	<1	<1	<1	<1	<1	<1	10		
12/4/2007	51	<1	<1	<1	<1	<1	<1	<1	<1	13		
MW-24B	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	Ethylbenze	Xylenes	1,4-diox.		
3/25/2003	<2	<2.0	<5	<2	<2	NA	NA	NA	NA	<1		
11/14/2003	2.2	<1.0	<1	<1	3.7	<0.50	<1	<1	<1	<1		
12/22/2003	2	<1.0	<1	<1	1.1	<0.50	<1	<1	<1	NA		
duplicate	2	<1.0	<1	<1	1.1	<0.50	<1	<1	<1	NA		
6/17/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	<1		
12/28/2004	2.9	<2	<5	<2	<2	<2	<2	<2	<2	<1		
5/23/2005	3.2	<2	<5	<2	<2	<2	<2	<2	<2	<1		
11/14/2005	<2	<2	<5	<2	<2	<1	<1	<1	<2	<1		
5/15/2006	2.3	<2	<5	<2	<2	<2	<2	<2	<2	1		
8/15/2006	3	<2	<5	<2	<2	<2	<2	<2	<2	<1		
11/14/2006	4	<2	<5	<2	<2	<2	<2	<2	<2	2	DX-Blank	
3/28/2007	4.1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
6/25/2007	<5	<5	<5	<5	<5	<5	<5	<5	<5	ND-2		
9/19/2007	6	<1	<1	<1	<1	<1	<1	<1	<1	<1		
12/3/2007	5.9	<1	<1	<1	<1	<1	<1	<1	<1	<2		

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MW-25	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
3/25/2003	<2	<2	<5	<2	<2	NA	NA	NA	NA	110		
11/13/2003	<1	<1	<1	<1	3.4	<0.5	<1	<1	<1	79		
12/22/2003	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	NA		
6/17/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	64		
12/28/2004	<2	<2	<5	<2	<2	<2	<2	<2	<2	75		
5/23/2005	<2	<2	<5	<2	<2	<2	<2	<2	<2	57		
11/15/2005	<2	<2	<5	<2	<2	<1	<1	<1	<2	59		
5/15/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	83		
8/15/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	69		
11/14/2006	<2	<2	<5	<2	<2	<2	<2	<2	<2	63	DX-Blank	
6/26/2007	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.5		
9/19/2007	<1	<1	<1	<1	<1	<1	<1	<1	<1	79		
12/4/2007	<1	<1	<1	<1	<1	<1	<1	<1	<1	32		
MW-101A	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
10/22/2001	28000	<800	2407	<800	<800	<800	<800	<800	<800	NA		
11/14/2003	24000	<200	590	<200	<200	<100	<200	<200	<200	210		
6/25/2004	32000	<800	<2000	<800	<800	<800	<800	<800	<800	220		
1/4/2005	33000	<400	680	<400	<400	<200	<400	<400	<400	220		
5/26/2005	45000	<1000	<2500	<1000	<1000	<1000	<1000	<1000	<1000	270		
11/17/2005	49000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	210		
5/18/2006	44000	<200	500	<200	<200	<200	<200	<200	<200	220	MD	
8/17/2006	52000	<400	<1000	<400	<400	<400	<400	<400	<400	61	MD	
11/21/2006	47000	46	540	26	22	4.4	<2	<2	<2	170	MD	
3/28/2007	32000	<50	570	<50	<50	<50	<50	<50	<50	200	MD	
6/28/2007	50000	61	570	33	33	5.6	<1	<1	<1	10.6	MD	
9/20/2007	37000	20	410	11	13	<5	<5	<5	<5	210	MD	DX-ZX
12/6/2007	40000	<1	800	<1	<1	<1	<1	<1	<1	230	MD	
MW-101B	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
10/22/2001	14000	3807	1300	<400	407	<400	<400	<400	<400	NA		
11/14/2003	12000	400	1300	<200	<200	<100	<200	<200	<200	230		
6/25/2004	14000	480	1600	<400	<400	<400	<400	<400	<400	290		
1/4/2005	14000	440	1500	<200	<200	<100	<200	<200	<200	260		
5/26/2005	14000	<400	1400	<400	<400	<400	<400	<400	<400	380		
11/17/2005	9700	260	1100	<100	<100	<50	<50	<50	<100	330		
5/18/2006	14000	380	1100	39	59	<20	<20	<20	<20	350	MD	
8/16/2006	17000	590	1300	<100	<100	<100	<100	<100	<100	370	MD	
11/21/2006	14000	510	1400	45	60	<40	<40	<40	<40	260	MD	DX-Surr.
3/28/2007	10000	270	1200	26	45	<10	<10	<10	<10	270	MD	
6/28/2007	13000	370	1200	38	60	1.1	<1	<1	<1	20.4	MD	
9/20/2007	13000	280	1400	32	63	<1	<1	<1	<1	320	MD	DX-ZX
12/6/2007	12000	270	1300	32	53	<1	<1	<1	<1	290	MD	DX-ZX

Appendix C

MW-102A	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenze	Xylenes	1,4-diox.		
10/22/2001	14000	34J	150J	<400	<400	<400	<400	<400	<400	NA		
11/14/2003	29000	<200	880	<200	<200	800	<200	<200	<200	230		
6/25/2004	28000	<800	<2000	<800	<800	<800	<800	<800	<800	240		
1/4/2005	68000	<400	1900	<400	<400	<400	<400	<400	<400	NA		
1/28/2005	24000	<400	1100	<400	<400	<400	<400	<400	<400	NA		
5/26/2005	34000	<1000	<2500	<1000	<1000	<1000	<1000	<1000	<1000	380		
11/17/2005	27000	120	1100	34	74	<12	<12	<12	<25	260	MD	
5/18/2006	32000	<200	810	<200	<200	<200	<200	<200	<200	300	MD	
8/17/2006	32000	<200	1100	<200	<200	<200	<200	<200	<200	310	MD	
11/21/2006	39000	120	910	<50	<50	<25	<25	<25	<25	80	MD	
3/28/2007	28000	55	710	<25	25	<25	<25	<25	<25	240	MD	
6/28/2007	30000	180	1400	38	<5	<5	<5	<5	<5	16.1	MD	
9/20/2007	26000	230	890	28	49	2.1	<1	<1	<1	280	MD	DX-ZX
12/6/2007	25000	98	1000	32	35	2.1	<1	<1	<1	250	MD	
MW-102B	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenze	Xylenes	1,4-diox.		
10/22/2001	9300	380	990	26	28J	<200	<200	<200	<200	NA		
11/14/2003	11000	410	1200	<100	<100	<50	<100	<100	<100	260		
6/25/2004	14000	490	1500	<400	<400	<400	<400	<400	<400	260		
1/4/2005	12000	470	1400	37	45	0.96	<1	<1	<1	250		
5/26/2005	10000	<400	<1000	<400	<400	<400	<400	<400	<400	410		
11/17/2005	9000	270	1100	<100	<100	<50	<50	<50	<100	310		
5/18/2006	16000	510	1300	<100	<100	<100	<100	<100	<100	290	MD	
8/16/2006	15000	600	1200	<100	120	<100	<100	<100	<100	360	MD	
11/20/2006	17000	540	1600	49	64	<2	<2	<2	<2	260	MD	DX-Surr.
3/28/2007	11000	310	1300	27	55	<10	<10	<10	<10	260	MD	
6/28/2007	12000	400	1000	38	62	<1	<1	<1	<1	21.3	MD	
9/20/2007	10000	250	1100	29	66	<1	<1	<1	<1	320	MD	DX-ZX
12/6/2007	11000	270	1100	31	49	<1	<1	<1	<1	300	MD	DX-ZX
MW-103A	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenze	Xylenes	1,4-diox.		
10/22/2001	18000	<800	<2000	<800	<800	<800	<800	<800	<800	NA		
3/28/2002	25000	<400	<1000	<400	<400	<400	<400	<400	<400	NA		
11/14/2003	31000	<400	<400	<400	<400	<400	<400	<400	<400	740		
6/25/2004	32000	<400	<1000	<400	<400	<400	<400	<400	<400	690		
1/4/2005	19000	<100	210	<100	<100	<50	<100	<100	<100	650		
5/26/2005	19000	<1000	<2500	<1000	<1000	<1000	<1000	<1000	<1000	1000		
11/17/2005	27000	<200	200	<200	<200	<100	<100	<100	<200	580		
5/18/2006	29000	<100	<250	<100	<100	<100	<100	<100	<200	510-500	MD	
8/17/2006	28000	<200	<500	<200	<200	<200	<200	<200	<200	800	MD	
11/21/2006	31000	<200	<500	<200	<200	<200	<200	<200	<200	560	MD	
6/28/2007	27000	3.9	200	7.2	30	<1	<1	<1	<1	40.2	MD	
9/20/2007	21000	2	180	<1	31	<1	<1	<1	<1	840	MD	DX-ZX
12/6/2007	21000	2.7	220	5.6	23	<1	<1	<1	<1	800	MD	
MW-103B	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenze	Xylenes	1,4-diox.		
10/22/2001	1600	7.4J	13J	<40	<40	<40	<40	<40	<40	NA		
11/14/2003	3400	<20	22	<20	<20	<10	<20	<20	<20	2.7		
6/25/2004	4900	<100	<250	<100	<100	<100	<100	<100	<100	5.7		
1/4/2005	4800	<50	<50	<50	<50	<25	<50	<50	<50	5.3		
5/26/2005	4400	<100	<250	<100	150	<100	<100	<100	<100	7.6		
11/17/2005	4400	<100	<100	<100	370	<50	<50	<50	<100	4.6		
5/18/2006	5200	47	73	<20	<20	<20	<20	<20	<20	4.9	MD	
8/16/2006	6800	<40	<100	<40	180	<40	<40	<40	<40	7.7	MD	
11/20/2006	5100	20	52	<2	32	<2	<2	<2	<2	3.6	MD	DX-Surr.
3/28/2007	4300	12	40	<5	<5	<5	<5	<5	<5	3.9	MD	
6/28/2007	4200	12	31	<1	5.5	<1	<1	<1	<1	ND-2	MD	
9/20/2007	3800	8.6	30	<1	9.4	<1	<1	<1	<1	3.8	MD	DX-ZX
12/6/2007	3800	7	24	<1	4.7	<1	<1	<1	<1	<20	MD	DX-ZX

Appendix C

MW-104A	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
10/22/2001	3800	<80	<200	<80	<80	<80	<80	<80	<80	NA		
11/14/2003	16000	<100	100	<100	<100	<50	<100	<100	<100	95		
6/25/2004	13000	<200	<500	<200	<200	<200	<200	<200	<200	40		
1/4/2005	14000	<100	<100	<100	<100	<50	<100	<100	<100	86		
5/26/2005	13000	<400	<1000	<400	<400	<400	<400	<400	<400	47		
11/17/2005	9600	<25	61	<25	49	<12	<12	<12	<25	39	MD	
5/18/2006	8700	<40	<40	<40	<40	<40	<40	<40	<40	28	MD	
8/16/2006	5100	<100	<250	<100	<100	<100	<100	<100	<100	88	MD	
11/20/2006	14000	13	95	<2	9.6	<2	<2	<2	<2	29	MD	DX-Surr.
6/28/2007	12000	11	78	<1	13	<1	<1	<1	<1	3	MD	
9/20/2007	8800	8.5	74	<1	11	<1	<1	<1	<1	36	MD	DX-ZX
12/6/2007	9200	8	57	<1	7.2	<1	<1	<1	<1	22	MD	DX-ZX
MW-104B	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
10/22/2001	1400	9.7J	15J	<20	<20	<20	<20	<20	<20	NA		
3/27/2002	2600	<80	<200	<80	<80	<80	<80	<80	<80	NA		
11/14/2003	3200	<20	<20	<20	<20	<10	<20	<20	<20	<5		
6/25/2004	4500	<100	<250	<100	<100	<100	<100	<100	<100	3.0		
1/4/2005	2600	5.5	17	<1	5.6	0.5	<1	<1	<1	2.8		
5/26/2005	2400	<100	<250	<100	230	<100	<100	<100	<100	2.5		
11/17/2005	1900	31	62	<10	1100	<5	<5	<5	<10	2.2		
5/18/2006	3500	59	73	<20	<20	<20	<20	<20	<20	2.2	MD	
8/16/2006	3600	26	<20	<20	620	<20	<20	<20	<20	6.0	MD	
11/20/2006	2800	18	43	<20	400	<2	<2	<2	<2	3.6	MD	DX-Surr.
6/28/2007	2600	13	26	<1	5.7	<1	<1	<1	<1	ND<2	MD	
9/20/2007	3300	6.3	15	<1	17	<1	<1	<1	<1	3.3	MD	DX-ZX
12/6/2007	1600	3.7	22	<1	24	<1	<1	<1	<1	<10	MD	DX-ZX
THIRTY-12	TCE	1,1,1-TCA	1,1-DCE	1,1-DCA	PCE	BENZENE	TOLUENE	EthylBenzene	Xylenes	1,4-diox.		
11/18/2003	110	<1	32	<1	<1	<0.50	<1	<1	<1	1.6		
6/24/2004	14	<2	<5	<2	<2	<2	<2	<2	<2	<1.0		
12/30/2004	27	<2	7.1	<2	<2	<2	<2	<2	<2	<1.0		
6/18/2007	7.6	<1	<1	<1	<1	<1	<1	<1	<1	ND<2		
MD	multiple dilutions requested to be performed for M8260 analyses											
DX	Indicates Laboratory Analytical Problems for 1,4-dioxane											
DX-Surr.	see surrogate results											
DX-Blank	see blank results											
DX-ZX	see spike results											
DX-Spike	surrogate recovery above specifications (> 120%)											



California Regional Water Quality Control Board San Diego Region

Terry Tamminen
Secretary for
Environmental
Protection

9174 Sky Park Court, Suite 100, San Diego, California 92123-4340
(619) 467-2952 • Fax (619) 571-6972
<http://www.cwrqb.ca.gov/cwrqb9>



Arnold Schwarzenegger
Governor

RECEIVED

APR 30 2004

April 28, 2004

Hugh H. Williamson III
President/CEO
Schutte & Koerting, Inc.
123 Cook Street, Suite 200
Denver, Colorado 80206

In reply refer to:
SMC: 20-0252.05:andej

Thomas A. Deeney
Director - Corporate Compliance
Ametek, Inc.
37 North Valley Road, Building 4
P.O. Box 1764
Paoli, Penn 19301-0801

Dear Sirs:

**SUBJECT: REVISED GROUNDWATER SAMPLING PLAN 2004 FOR FORMER
KETEMA SITE, 790 GREENFIELD DRIVE, EL CAJON, CALIFORNIA**

The Groundwater Sampling Plan, received from Geomatrix Consultants on March 15, 2004, fails to provide for adequate monitoring and evaluation of the release of chlorinated solvent waste at this stage of investigation. The Regional Board agrees with more than 50% of the proposed monitoring well sampling frequency. However, in order to provide adequate monitoring to support a reduction in contaminant monitoring and sampling frequency, Schutte & Koerting and Ametek would need to implement the sampling and analysis plan set forth in Table 1 (attached).

Sampling and Analysis

Table 1 is a summary of several statistical models used to evaluate the existing ground-water data and the sampling frequency for each well. In general, wells for which the level of contaminants are statistically stable or show statistically significant decreasing trends for two or more contaminants shall be monitored semi-annually. Those wells for which no trends can be calculated, or for which samples for two or more contaminants show statistically increasing trends shall be monitoring quarterly. For newly installed wells (e.g. MW101 and MW25), six consecutive quarterly sampling events are required before a reduction in the monitoring frequency can be considered.

Although statistically significant trends cannot be established for monitoring wells (MW) 101A&B, 102A&B, 103A&B, and 104A&B due to insufficient sampling, concentrations of TCE have been increasing consistently and substantially in all of these wells except MW101A&B.

California Environmental Protection Agency



Mr. Williamson
Mr. Deeney
Ground-Water Sampling Plan

- 2 -

April 28, 2004

Therefore, additional sampling is required before it would be appropriate to consider reducing the monitoring frequency. At a minimum, water level measurements must be obtained whenever a well is sampled.

Reporting Schedule

Reports summarizing the results of all ground water monitoring undertaken by or for Schutte & Koerting or Ametek or its consultants shall be submitted quarterly by the following dates:

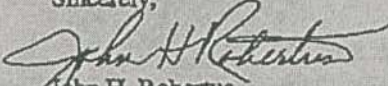
First Quarter reports by April 30
Second Quarter reports by July 30
Third Quarter reports by October 30
Fourth Quarter/Annual reports by January 30

You are currently in the second quarter sampling period (April - June) and the Regional Board would anticipate the next ground-water monitoring report by July 30, 2004.

The heading portion of this letter includes a Regional Board code number noted after "In reply refer to:". In order to assist us in the processing of your correspondence please include this code number in the heading or subject line portion of all correspondence and reports to the Regional Board pertaining to this matter.

If you have any questions please contact me at (858) 467-2987 or John Anderson at (858) 467-2975.

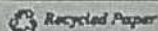
Sincerely,


John H. Robertus
Executive Officer

JHR:dnh/jpa/c:/SLIC/Gwsamplingplan2004rev1.scd.

Cc: Mr. John Richards, SWRCB-OCC
Mr. Jon Wactor, Wactor & Wick LLP, 180 Grand Avenue, Suite 950, Oakland, CA 94612
Mr. Peter Bennett, Geomatrix Consultants, Inc., 2101 Webster Street, 12th Floor, Oakland, CA 94612

California Environmental Protection Agency



GROUNDWATER MONITORING REPORT
September 2007 SAMPLING EVENT
(Third Quarter of 2007)

C&A ORDER No. R9-2002-201
SMC: 20-0252.05:andej

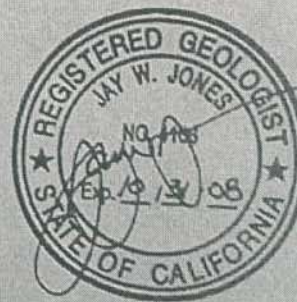
FORMER KETEMA A&E SITE
790 GREENFIELD DRIVE,
EL CAJON, CALIFORNIA 92021-3101

Prepared for:
Ametek, Inc. and Schutte & Koerting, Inc.

Submitted to:
San Diego Regional Water Quality Control Board
9174 Sky Park Court, Suite 100
San Diego, California 92123

Prepared by:
Environmental Navigation Services, Inc
PO Box 231026
Encinitas, California 92024

November 5, 2007



11/5/07

1.0 INTRODUCTION

This groundwater monitoring report has been prepared in response to Cleanup and Abatement Order No. R9-2002-201 (CAO) issued by the San Diego Regional Water Quality Control Board (RWQCB) September 19, 2002. This report summarizes the groundwater sampling activities conducted in September for the third quarter of 2007. A copy of the current groundwater sampling plan required by the RWQCB is included in **Appendix A**. **Appendices B through E** contain current and historical groundwater monitoring data. **Appendix C** also includes graphs of groundwater concentration data. **Appendix F** includes a summary of the groundwater sampling procedures.

The CAO directs Schutte & Koerting Inc. and AMETEK, Inc. (AMETEK) to respond to the discharge of chlorinated solvents to groundwater resulting from historical releases that occurred during the operation of an aerospace manufacturing facility (the site) located at 790 Greenfield Drive, El Cajon, CA. The CAO encompasses multiple directives including additional groundwater delineation, groundwater management plan, remediation feasibility study, and a groundwater model. A subsequent Investigative Order (IO R9-2003-272) includes a directive to conduct a health risk assessment. This groundwater sampling report represents a limited portion of the overall compliance requirements for the site. RWQCB letters dated May 7, 2007 and June 21, 2007 (in **Appendix A**) regarding prior groundwater sampling reports provide numerous comments regarding the site. It is understood that AMETEK is trying to arrange a meeting with representatives of the RWQCB to discuss the CAO and IO requirements and may be preparing a response specific to the CAO and IO comments that are beyond the scope of this groundwater monitoring report.

ENSI understands that on June 13, 2007 Schutte & Koerting, Inc. filed for bankruptcy, may have ceased work on the project, and that AMETEK is evaluating the situation and plans to prepare responses to the recent RWQCB comments at a future date. It is also understood that AMETEK has requested a meeting with the RWQCB to discuss the overall project now that Schutte & Koerting, Inc. is no longer solvent. *Ack this*

The site, depicted in **Figures 1 through 4**, has been the focus of groundwater investigations since 1987. The primary groundwater constituents of concern downgradient of the site include the organic compounds TCE, 1,1-DCE, and 1,4-dioxane. 1,1,1-TCA, PCE and non-halogenated aromatic hydrocarbons such as benzene, toluene, ethylbenzene, and xylene have also been detected at the site downgradient of the former wastewater disposal sump. 1,4-dioxane was added to the analytical program in Spring 2002 and has been detected both at and downgradient of the site. It was included as an analyte in all of the groundwater samples submitted for laboratory analysis during this groundwater sampling event. The analytical results, water level measurements, and field test results are summarized in **Figure 1**, and **Sections 2 and 3**. Maps depicting the extent of TCE, 1,1-DCE, and 1,4-dioxane have also been prepared for this report (**Figures 2, 3, and 4**). Two cross-sections have also been included (**Figures 5 and 6**) in response to RWQCB comments.

CAG No. 03-2003-201, Comprehensive Sampling Report
Third Quarter 2007
EMC: 22-0751.05 (and)

13-547

The data contained in this report, as well as an electronic copy of this report, are required to be entered into the State Water Resources Control Board's (SWRCB) Data Tracker database. The SWRCB website is <http://www.water.ca.gov/swrcb/>. The data reference number is 03-2003-201. The Data Tracker web site also includes other historical data and previous sampling reports for this site.

This report was submitted November 5, 2007 after the October 31, 2007 deadline due to the significant disruptions caused in San Diego County by the wildfires. The delay was approved by the SWRCB on or about November 14, 2007.

2.0 CURRENT GROUNDWATER CONDITIONS

Groundwater sampling was conducted September 19 and 20, 2007 as summarized in **Table 1**. The semi-annual sampling described in the RWQCB's April 28, 2004 letter was conducted for this second quarter sampling event. A copy of the RWQCB letter is in **Appendix A**.

A summary of the groundwater sampling procedures is included in **Appendix F**. Mr. Dan Chambers of Chambers Environmental Services, Inc. of San Diego, CA conducted the water sampling and water level measurements. The field data sheets (**Appendix D**) have been revised in response to RWQCB comments. The sampling was conducted in general accordance with the County of San Diego Department of Environmental Health Site Assessment and Mitigation Division guidance. Sierra Analytical Laboratory of Laguna Hills, CA was subcontracted to conduct the water sample analyses.

The analytical laboratory conducted multiple sample dilutions and analyses for analytical method EPA 5030B/8260B for all VOC samples where TCE concentrations have recently been greater than 100 ug/L, in accordance with the RWQCB's request dated April 21, 2006. The intent of the multiple dilutions and analyses is to attain lower detection limits for all VOCs. Multiple dilutions were not necessary for the lower concentration samples. Please note that the detection limits obtained by running multiple dilutions are not consistent among samples and sampling events because the results are subject to each chemist's discretion and available analytical equipment. The analytical laboratory was changed to Sierra Analytical for the VOC analyses and the reported detection limits for this quarter's sampling event are generally lower than previously provided by Del Mar Analytical/ TestAmerica Laboratories. *why explain*

2.1 Aquifer conditions

The unconfined aquifer system beneath and downgradient of the site primarily consists of silty sands and sandy silts overlying a gradational weathered contact with crystalline rock. The relative depth to water varies between 8 and 18 feet below ground surface (bgs). **Figure 2** depicts the groundwater level elevations observed during the latest sampling event (September 2007). The horizontal hydraulic gradient is directed to the NW with a magnitude of approximately 0.008 ft/ft (from MW-18 to MW-20). The observed hydraulic gradient generally decreases with distance downgradient of and away from the site, as can be inferred by the increased distance between the groundwater elevation contours shown in **Figure 2**.

The overall configuration of the groundwater elevation map is similar to previous sampling events and the overall horizontal hydraulic gradients remain comparable to those observed during prior sampling events. Water levels at the site and downgradient vary seasonally as the unconfined aquifer system responds to seasonal (winter) rainfall recharge events. The hydraulic gradient is

11/5/07

directed around the bedrock outcrop to the north of the site and is directed to the northwest along the central axis of the El Cajon Basin. The primary hydrologic influence upon water levels in the aquifer system is seasonal rainfall recharge. The typical seasonal (summer/winter) water level change has been observed to be approximately 1 to 3 feet, depending upon the relative magnitude of the wintertime precipitation and relative well locations. The water levels and the difference in water level between sampling events is calculated and presented in **Appendix B**. Water levels decreased since the first quarter (from March to June) from 0.07 to 0.59 feet, with the exception of water levels at MW-24A and MW-25 that increased 0.04 and 0.15 feet, respectively.

The September 2007 water levels within the 100 series wells demonstrated that an upward gradient occurs in three of the four of the paired piezometers (see **Appendix B**). The vertical gradients ranged in magnitude from 0.00 (i.e. no vertical gradient) to 0.014 ft/ft. Water level elevation data from the paired wells MW-24A and -24B demonstrate that a downward vertical gradient of 0.006 ft/ft occurs at that location.

Wells MW-23, MW-24A, MW-24B, and MW-25 are located in an area where hydrologic conditions may have changed as a result of redevelopment. As noted in a RWQCB letter dated 12/6/06 (comment 8), additional clarification was requested regarding the statement describing hydrologic conditions near Gillespie Field. The statement is based on professional judgement and site observations. It simply suggests that the site redevelopment *may* have an impact on hydrologic conditions. The site redevelopment (as described on the Gillespie Field web site: <http://sdcddpw.org/gillespie/>) has consisted of the demolition and clearing of the Cajon Speedway, the Golf Sport facility, and miscellaneous vehicle storage areas (see **Figure 5**). The clearing of paved areas, grading, and the unlined drainage channels may enhance the infiltration of rainfall. In addition, the Golf Sport irrigation well and water distribution systems are no longer in operation. It is also not known whether the well was used to support grading operations. Extended pumping would have had an effect on the local hydraulic gradient. Currently it does not appear to be in use and it is not known if the well has been removed (destroyed). These changes, as well as the future redevelopment, *may* have an influence on hydrologic conditions and thus affect the shallow unconfined aquifer system. Photos dated January 23, 2007 were included in the fourth quarter 2006 groundwater sampling report showing the current site conditions and the site before it was cleared.

2.2 Observed contaminant distributions

Analyses were conducted for volatile organic compounds by GC/MS using USEPA Method 5030B/8260B. The laboratory data reports for this sampling event are included in **Appendix E**. The monitoring well field sampling records are included in **Appendix D**.

TCE (trichloroethene) is the primary offsite contaminant of concern in terms of relative concentrations. The distribution is shown in **Figure 2**. The downgradient monitoring wells MW-

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20 and MW-22 appear to define the central axis of the plume. Wells MW-23, -24A, -24B, and -25 are located at the distal end of the TCE plume. Direct-push sampling data obtained in 2003 have also been used to characterize the distribution of TCE (see, for example, the data presented in the May 2006 sampling report). Some lateral variation is expected along the plume because the source strength and hydrologic conditions likely varied over time. For reference, the drinking water MCL for TCE is 5 ug/L.

The current extent of 1,1,1-TCA (trichloroethane) impacts is primarily limited to the facility boundary and no observed offsite concentrations currently exceed the MCL (200 ug/L). Wells MW-14 and MW-16 were reported with 1,1,1-TCA at 3.9 (2.6 in the duplicate sample) and 5.6 ug/L, respectively in June 2007, concentrations that are well below the MCL (maximum contaminant level) for drinking water. 1,1,1-TCA degrades abiotically to 1,1-DCE. Abiotic degradation half-lives for 1,1,1-TCA are noted by Pankow and Cherry (in *Dense Chlorinated Solvents and other DNAPLs in Groundwater*, Waterloo Press, 1996; page 270) to range between 1.3 and 2.5 years. The observed degradation rates at the site are similar, as indicated by the rapid loss of 1,1,1-TCA with distance away from the former sump. The 1,1-DCE plume that has formed from 1,1,1-TCA degradation is shown in Figure 3. The extent of 1,1-DCE (dichloroethene) in groundwater is contained within the observed extent of TCE. For reference, the MCL for 1,1-DCE is 6 ug/L.

Figure 4 shows the extent of 1,4-dioxane currently observed in groundwater. 1,4-dioxane does not have a listed MCL. Currently the State of California provisional "action level" is 3 ug/L (<http://www.oehha.ca.gov/water/pals/14dioxane.html>) for drinking water. The map has been drawn based on data from groundwater sampling conducted during and prior to this sampling event. 1,4-Dioxane has been observed to occur outside of the estimated extent of TCE and 1,1-DCE, notably in an area located to the southwest of the TCE plume near MW-25. 1,4-dioxane is used as a solvent stabilizer in 1,1,1-TCA, and the 1,1-DCE is a degradation product of 1,1,1-TCA. Thus the distribution of 1,4-dioxane and 1,1-DCE in groundwater is expected to follow along similar transport pathways. However, the occurrence of 1,4-Dioxane in the absence of TCE and 1,1-DCE is not consistent with the pattern of groundwater contamination currently observed within and downgradient of the facility. Since 1,4-Dioxane dissolved in water is relatively mobile, the concentrations observed at MW-25 may reflect historical site conditions that are no longer present.

1,4-Dioxane is reportedly a difficult compound to reliably test in water, and analytical difficulties have been reported for this site. In response to the prior analytical problems encountered for 1,4-dioxane, the analytical laboratory and method for 1,4-dioxane was changed for the previous (second quarter 2007) sampling event. Prior sampling events used USEPA Method 8260B, a method used for volatile organic compounds. USEPA Method 8270C, a method used for semi-volatile compounds, was used for 1,4-dioxane for the second quarter sampling event since 1,4-dioxane has relatively low volatility and a low Henry's constant. The laboratory detection limit for M8270C is 2.0 ug/L, below the California Action Limits of 3 ug/L.

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It also uses a larger sample volume (1 liter versus 40 ml) so it uses a larger, potentially more representative volume of groundwater. Comparison of the analytical results for 1,4-dioxane to previous sampling events showed that the reported results are lower in concentration. Review of the laboratory quality control (QC) reports shows that while the detection limits were sufficiently low (2.0 ug/L) for purposes of the groundwater sampling program, the percentage of 1,4-dioxane recovered from the water samples was low, ranging from approximately 13 to 21 %. However, these recovery rates demonstrated by the QC tests were within allowable reporting limits (10 to 120%) for the USEPA test method. In comparison, these limits are lower than required for other chemicals detected in water such as benzene (37 to 151%), 1,1-DCE (50 to 150%), or TCE (71 to 157%) as noted in the lab report for work order 0706401 (included in the second quarter sampling report).

Given the low recovery limits reported for M8270C, the 1,4-dioxane analyses were again submitted to TestAmerica because they have provided consistent analytical data despite intermittent analytical difficulties. The analytical problems reported to occur during the fourth quarter of 2006 created false positives where previously 'non-detect' wells were reported to contain low concentrations of 1,4-dioxane. False positives are preferable to false negatives in that the presence of 1,4-dioxane is not missed.

The results from the third quarter sampling event (in **Appendix E**) were noted to have 'zx' qualifiers indicating that the analytical results for the surrogate chemical (dibromofluoromethane) used during testing to check for analyte recovery was not within specifications. The method specifies that the surrogate should be reported within a range of 80 to 120% of its known value. Instead a number of samples were reported to have recoveries of 122 to 131%, potentially representative of false positive values. While some of the 1,4-dioxane data were flagged, the reported values are judged to be useful for the purposes of this groundwater sampling event, are consistent with prior data, and are much better than those previously provided by M8270C.

The extent of TCE and 1,1-DCE is consistent with the currently measured hydraulic gradient direction and the plumes lie in a direction roughly perpendicular with the water level elevation contours. For reference **Figure 4** includes an arrow showing the general direction of the inferred horizontal hydraulic gradient based upon water level measurements. In contrast to the location of the TCE and 1,1-DCE plumes in positions downgradient of the former Ketema facility, the occurrence of 1,4-Dioxane above action levels (3 ug/L) at points where TCE and 1,1-DCE does not occur is inconsistent with the current hydraulic gradient direction. Additional groundwater characterization has been requested by the RWQCB as noted in a letter dated December 6, 2006. The VOC plume signature is generally characterized by the presence of 7 organic chemicals within groundwater at the facility. A consistent downgradient pattern of TCE and 1,1-DCE in groundwater has been observed to date downgradient of the site. Of the chemicals that remain in groundwater

degradation of the former Keston facility. TCE is the most predominant based on chemical concentrations. 1,1-DCE occurs at concentrations typically less than 50% of TCE, and PCE has regularly been detected in only two wells throughout the facility (MW-14 and MW-14). PCE comprises a very small percentage of the total amount of detected solvents, and is limited in most cases. As previously noted, the nature of 1,4-dichloro is groundwater (Figure 4) is consistent with the distribution of TCE and 1,1-DCE, except at MW-25.

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Table 1. Groundwater Sampling Program
 (RWQCB Letter dated April 28, 2004; see Appendix A)

Well No.	Semi-Annual: 26	Quarterly: 15
MW-06	x	
MW-07	x	x
MW-09	x	
MW-10	x	x
MW-11	x	
MW-13	x	x
MW-14	x	
MW-16	x	
MW-17	x	
MW-18	x	
MW-20	x	
MW-21	x	
MW-22	x	
MW-23	x	x
MW-24A	x	x
MW-24B	x	x
MW-25	x	x
Thrifty Oil	x	No Access
MW-101A	x	x
MW-101B	x	x
MW-102A	x	x
MW-102B	x	x
MW-103A	x	x
MW-103B	x	x
MW-104A	x	x
MW-104B	x	x

Notes:

1. The Thrifty Oil Well is on private property. Access to the well was conditionally approved on a semi-annual basis. A sample is allowed to be obtained from Thrifty's technician when they conduct their semi-annual sampling.
2. Sampling conducted for Volatile Organic Compounds and for 1,4-dioxane. Wells with higher TCE concentrations currently analyzed using multiple dilutions to obtain lower quantitation limits.
3. Wells MW-15 and MW-19 are currently not required by the RWQCB to be sampled.

3.0 HISTORICAL GROUNDWATER CONDITIONS

Groundwater monitoring data have been obtained since 1987 at the site. The analytical data and graphs are included in **Appendix C. Table 2**, included at the end of the report, provides a summary review of the analytical data and chemical concentration trends in groundwater.

3.1 Statistical Analyses for TCE, 1,1-DCE, PCE, and 1,4-Dioxane Concentrations In Groundwater Monitoring Wells

The historical groundwater concentration data were evaluated using two statistical tests following the fourth quarter 2006 sampling event as summarized in **Table 2**. These tests provided a means to assess the multiple data sets obtained from the well network in a consistent manner; however, the tests should not be applied without further examination of the data. The MAROS software provides a screening-level analysis to describe a data series as increasing, decreasing, or stable. In some instances the statistical tests return a descriptor of 'no trend' to the data series when the statistics are not conclusive. This typically occurs when the concentrations have significant variability and are not monotonic (i.e. smoothly increasing or decreasing). The need for a higher frequency of data collection is not necessarily indicated as additional data may not improve the statistical resolution of a trend.

Statistical analyses of single-well concentration trends were conducted for TCE, 1,1-DCE, PCE, and 1,4-Dioxane. For a detailed description of the structure of the software and further utilities, refer to the MAROS 2.2 Manual (AFCEE, 2003; <http://www.gsi-net.com>) and Aziz et al., 2003 referenced therein. A prior report dated August 30, 2005 submitted to the RWQCB also provides a detailed description of the application of MAROS to the site data.

The test details were included in Appendix G of the fourth quarter 2006 report and not reproduced for this report. Two measures were used. MK refers to the **Mann-Kendall** test that compares the result of each sampling event and whether concentrations increase or decrease. A measure of the overall trend is produced by combining all of the sample to sample changes. LR refers to **linear regression**, a measure of how well the data can be fit to a linear trend. Both the slope of the line and the goodness of fit are used in MAROS to examine the trends.

Table 2 is a summary review of the statistical testing. The statistical tests were used to sort through the extensive data set and to provide an assessment of the data. The wells are segregated in three groups for this report: 10 active perimeter wells, 6 downgradient (off-site) wells within the perimeter, and 10 wells located within the facility (on-site). 25 of the 26 wells in the current sampling program were installed as part of the groundwater investigation for the site. The exception is a downgradient well owned by Thrifty Oil Company.

The following are included in Table 2:

- Trend descriptors for each analyte using both the Mann Kendall and Linear Regression Methods. The trends are described as: Decreasing (D), Probably Decreasing (PD), Stable (S), No Trend (NT), Probably Increasing (PI), and Increasing (I). These analyses are included for reference and were conducted for, and included within, the 2006 Annual Report. The trend analysis is included for general reference and is limited to data from 1996 to 2006 and has not been updated to include the 2007 data.
- The number of samples and the number of detects per analyte per well since October 1996. Prior data were not included in the trend analyses since the intent of the trend analysis is to examine current trends. No sampling was conducted in 1994 and 1995. Wells that remain in use with data prior to 1994 include MW-6, MW-7, MW-9, MW-10, MW-11, MW-13, and MW-14.
- The percentage of samples with detectable chemical concentrations. Wells with less than 30% detects are highlighted. The inferred trends are not highlighted in the table for wells with a low percentage of detects. For data sets with at least 30% detects:
 - Decreasing, probably decreasing, and stable trends are highlighted in green
 - Increasing and probably increasing are highlighted in yellow
- The reported concentrations for TCE, 1,1-DCE, PCE, and 1,4-dioxane and data from this sampling event and from the previous sampling event conducted 6/07.
- Notes describing the review of data.

3.1.1 Perimeter Wells

There are 12 perimeter monitoring wells. Ten are in the current sampling program and 5 were sampled in September 2007. Included as perimeter wells are perimeter monitoring wells that are adjacent to a 70-acre portion of Gillespie Field that is undergoing redevelopment (as described on their website: <http://sdcdpw.org/gillespie/>) This area is up-gradient of the wells MW-23, MW-24A, and MW-24B, and hydrologic conditions *may* have changed in this area. Additional sampling is necessary to confirm the long-term trends at these wells.

3.1.2 Downgradient Plume Wells

There are 5 downgradient plume wells that have regularly been sampled as noted in **Table 2**. None have long-term increasing concentration trends for TCE, 1,1-DCE, PCE, or 1,4-Dioxane. A sixth downgradient plume well owned by the Thrifty Oil Company was also sampled in June 2007. Samples from this well are available on a semi-annual basis.

3.1.3 On-site Plume Wells

There are 10 on-site plume wells, including two sets of nested piezometers (the 100-series wells) that each include four 5-ft screened intervals that span a 20-ft vertical profile from approximately 10 to 30 feet below ground surface. MW-101(A and B) and -102 (A and B) are immediately adjacent to MW-10.

For reference the 5-ft well screens increase with depth at each location as follows:

101A/ 102A/ 101B/ 102B; and,
103A/ 104A/ 103B/ 104B.

All of these piezometer wells were sampled this quarter.

3.2 Summary

The sampling results are summarized in **Table 2**; depicted in **Figures 2, 3, and 4**; and tabulated and graphed in **Appendix C**. The MAROS-based concentration trend statistics for TCE, 1,1-DCE, PCE, and 1,4-dioxane shown in Table 2 include data from 1996 to 2006, but do not include the 2007 sampling results.

TCE (with a CA MCL of 5 ug/L), as illustrated in **Figure 2**, is the dominantly-occurring chemical in groundwater in terms of relative concentration and extent. The highest concentrations remain on-site as observed within the shallow-most nested piezometer wells. TCE concentrations at MW-23,

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MW-24A, and MW-24B have recently increased since May 2006. The rate of increase has slowed in 2007 and concentrations may now be stabilizing in MW-12 and MW-24A. TCE in MW-24B has recently increased above MCLs (5 ug/L). The area upgradient of the wells (the former Cajon Speedway) is undergoing redevelopment and hydrologic conditions *may* have changed in this area, resulting in a change in the plume behavior. An indication that hydrologic conditions may have changed is that water levels across the site decreased with the exception of water level increases at MW-24A and MW-25 located in the redevelopment area. Additional sampling over time will determine if a consistent trend will occur.

- On-site, TCE concentrations typically vary within ranges and TCE concentrations in MW-10 and MW-13 are well below historical peak values. Concentrations at MW-101/MW-102 are greater than those reported at the MW-103/MW-104 location. TCE concentrations consistently decrease with depth at both locations.

1,1-DCE (with a CA MCL of 6 ug/L), as illustrated in Figure 3, occurs within the TCE plume. 1,1-DCE is a degradation product of 1,1,1-TCA and is more mobile than TCE. It is generally not detected in the perimeter monitoring wells and was not detected in MW-23, MW-24A, or MW-24B in June 2007. The transition from increasing to decreasing concentrations of 1,1-DCE at downgradient well MW-22 (currently at concentrations of roughly half of the peak of 400 ug/L reported 11/05) suggest that the 1,1-DCE plume is continuing to equilibrate, but remains contained within the TCE plume and at concentrations less than that observed for TCE.

On-site, 1,1-DCE concentrations typically vary within ranges. Concentrations at MW-101/ MW-102 are greater than those reported at the MW-103/ MW-104 location. 1,1-DCE concentrations increase with depth at MW-101/MW-102 and decrease with depth at MW-103/MW-104.

PCE (with a CA MCL of 5 ug/L), occurs primarily on-site and is not detected at any perimeter monitoring wells. Detectable PCE concentrations were reported at concentrations less than 100 ug/L in most of the on-Site wells with the exception of MW-13 where it has been historically reported at concentrations in excess of 10,000 ug/L. The recent reported concentration was 7,400 ug/L- additional sampling is necessary to confirm the trend. PCE was detected during the second quarter sampling event (June 2007) in downgradient wells MW-14 (at 6.2 ug/L), MW-16 (at 330 ug/L), and at MW-22 (at 2.1 ug/L and below the MCL). It has been regularly detected in MW-16 in a range of 220 to 410 ug/L.

On-site, PCE concentrations typically vary within ranges. Concentrations at MW-101/ MW-102 reported in the second quarter of 2007 are generally greater than those reported at the MW-103/ MW-104 location. All of the eight samples were reported to have PCE concentration in the range of 9.4 to 66 ug/L.

all above MCL (PCE 12)
all above MCL

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1,4-dioxane (with a CA Action Level [AL] of 3 ug/L), as illustrated in **Figure 4**, occurs in many of the wells where TCE and 1,1-DCE occurs. It is known to be used as a solvent stabilizer for 1,1,1-TCA, and is relatively mobile in groundwater. 1,1-DCE is a degradation product of 1,1,1-TCA, so the occurrence of 1,1-DCE and 1,4-dioxane is expected to be similar. Detections of 1,4-dioxane have recently been observed in downgradient perimeter monitoring wells MW-23 and MW-24A, and the concentrations in MW-23, MW-24A, and MW-24B have been increasing. As previously noted, the area upgradient of wells MW-23 and MW-24 is undergoing redevelopment (the former Cajon Speedway) and hydrologic conditions *may* have changed in this area. Additional sampling will determine if a consistent trend will occur. Dioxane also occurs in an area southwest of and separate from the TCE and 1,1-DCE plumes, as indicated by the previous sampling results from MW-25. Given the relatively mobility and recalcitrance of 1,4-dioxane, the concentrations observed at MW-25 may be representative of historical site conditions that are no longer present.

On-site, 1,4-dioxane concentrations typically vary within ranges. Similar to 1,1-DCE, 1,4-dioxane concentrations increase with depth at MW-101/MW-102 and decrease with depth at MW-103/MW-104.

4.0 SUMMARY

This third quarter 2007 sampling event was conducted in September and included 15 groundwater monitoring wells. These wells represent a subset of the wells sampled on a semi-annual basis and include 10 on-site and 5 perimeter wells. A summary of the concentration trend analyses is included in Table 2. The data are tabulated and graphed in Appendix C. The data and maps provided in this report provide depictions of the water quality data. The third quarter 2007 sampling results include:

- The horizontal hydraulic gradient is to the northwest, coincident with the observed extent of TCE and 1,1-DCE in groundwater. The horizontal hydraulic gradients are consistent with those calculated for prior years. Water levels decreased, on the order of 0.12 to 0.53 feet from June to September 2007 with the exception of increased water levels reported at MW-20 and MW-24B.
- TCE concentrations decreased in most of the on-site wells since the second quarter sampling and remain relatively stable. Concentrations in downgradient perimeter well MW-24B continue to increase and are now above MCLs. Concentrations in MW-23 and MW-24A were increasing and may now be stabilizing based on the results of the second and third quarter 2007 sampling events.
- 1,1-DCE concentrations remain relatively stable decreased in the on-site wells. Concentrations in downgradient perimeter wells remain 'non-detect'.
- PCE was detected in all on-site wells at concentrations of 9.4 to 66 ug/L by the analytical laboratory using multiple sample dilutions, but no clear trends have been established. PCE remains 'non-detect' in all perimeter wells.
- 1,4-dioxane concentrations remain relatively stable (range-bound) in the on-site wells. Concentrations in downgradient perimeter wells MW-23 and MW-24A continue to increase, possibly due to the change in hydrologic conditions associated with site redevelopment. The observed concentration in MW-25 remains range-bound. The groundwater sampling results continue to show that the spatial extent of TCE and 1,1-DCE in groundwater is not wholly consistent with the occurrence of 1,4-dioxane. Both 1,4-dioxane and 1,1-DCE are expected to have originated from the release of 1,1,1-TCA, yet there is a dissimilar distribution of 1,4-dioxane and 1,1-DCE in groundwater.

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5.0 RECOMMENDATIONS

Changes that have been implemented for the second and third quarter 2007 reports and that are recommended to be continued include:

- less reliance on the MAROS statistics and simplification of the data analysis presentation. It is recommended, pending review of the fourth quarter 2007 data, that if the MAROS analysis is to be conducted, the analysis should be performed annually rather than quarterly. Visual review of the data and graphs presented in Appendix C may be sufficient for future groundwater sampling reports.
- improved explanation of the field data sheet data entries.
- a change in the analytical laboratory to improve the effectiveness of the multiple dilution methodology. The data currently being provided by Sierra Analytical demonstrate consistently lower detection limits than previously provided by the previous lab.
- improve the report production format by double-siding lengthy appendices and adding tabs to the appendices.
- semi-annual sampling of the Thrifty Oil Company groundwater monitoring well #12.
- consistent measurement of the depths of all wells in each sampling event to assess well integrity.
- the use of a product interface probe to examine for the presence of DNAPL in all on-Site wells. No DNAPL was detected in any wells, so the interface probe is recommended to only be used on-Site where the highest TCE concentrations occur.

The use of EPA M8270C instead of M8260B for the 1,4-dioxane analyses is not recommended based on comparison of the second and third quarter sampling results. While Method M8270C is an analytical test method applicable to semi-volatile chemicals that potentially can provide more reliable results since 1,4-dioxane has relatively low volatility and uses a larger sample volume the analysis, the analyte recovery proved to be low for this site. The use of M8260B-SIM as conducted by TestAmerica during this sampling event has proven to provide more consistent results.

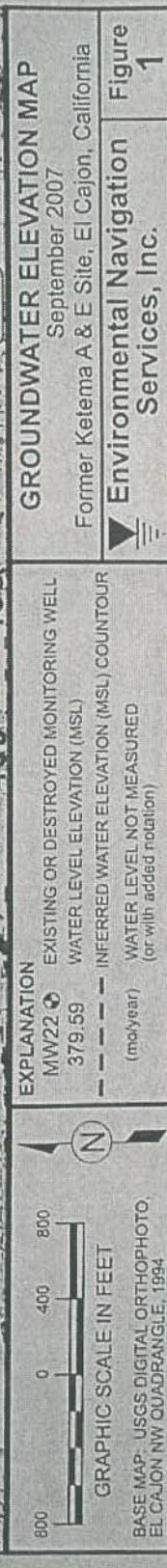
This groundwater sampling report represents one part of the Cleanup and Abatement Order No. R9-2002-201 (CAO) issued by the San Diego Regional Water Quality Control Board (RWQCB) September 19, 2002. Specific to the groundwater monitoring program it was previously recommended that the well number, well location, and sampling frequency be re-examined and that the sampling program described in the April 18, 2004 RWQCB letter (**Appendix A**) be revised to provide for an overall reduction in sampling frequency for all wells that have long-term (multi-year) stable or decreasing concentrations trends. This recommendation was rejected by the RWQCB as indicated in comments included in **Appendix A**.

CAJ No. 85-001-101, Groundwater Sampling Report
Third Quarter 1997
SMC: 10-0111-01 and 02


31-507

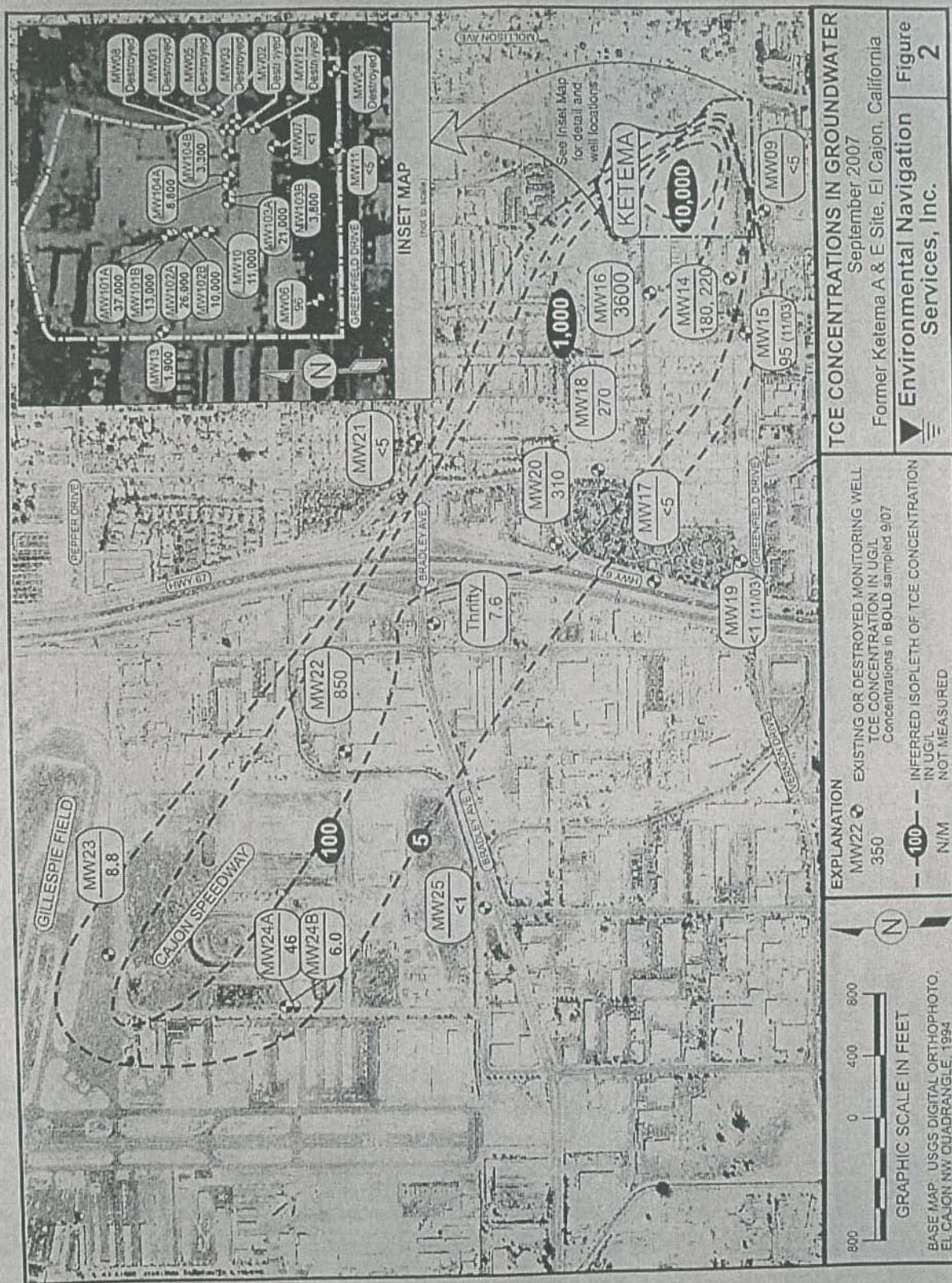
In addition, about 100,000 gallons of water have been directed to about 10 potential monitoring wells, including quarterly ground water monitoring at approximately 10 locations. If the concentrations decline and/or decrease, as if additional groundwater investigation and delineation is required.

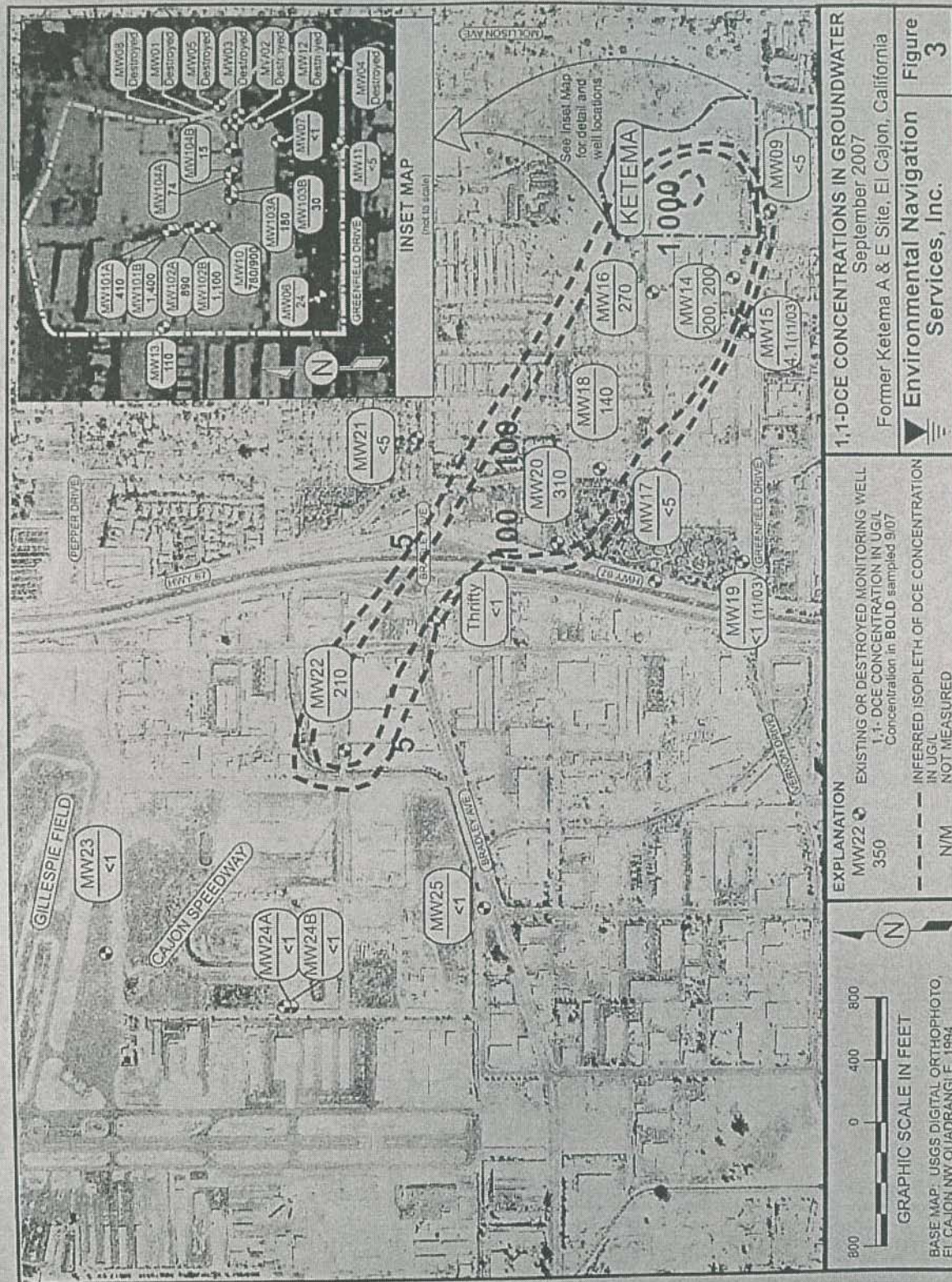
The CAJ and investigation under 85-001-101 address additional aspects of the site outside of the scope of this groundwater sampling report, such as groundwater delineation, groundwater management, conduct of a remediation feasibility study, groundwater monitoring, and health risk assessment. No other recommendations specific to the groundwater monitoring program are provided at this time.

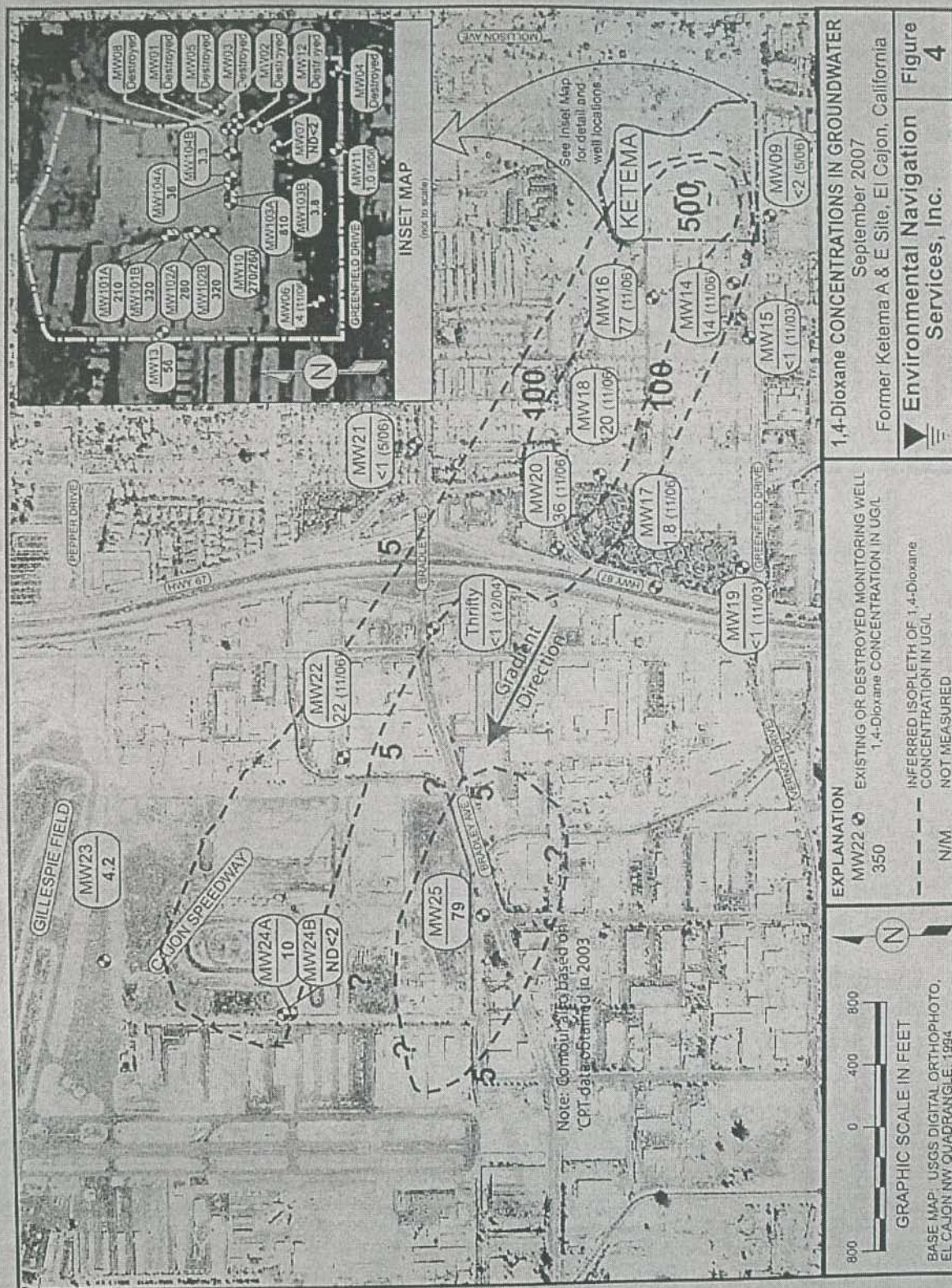


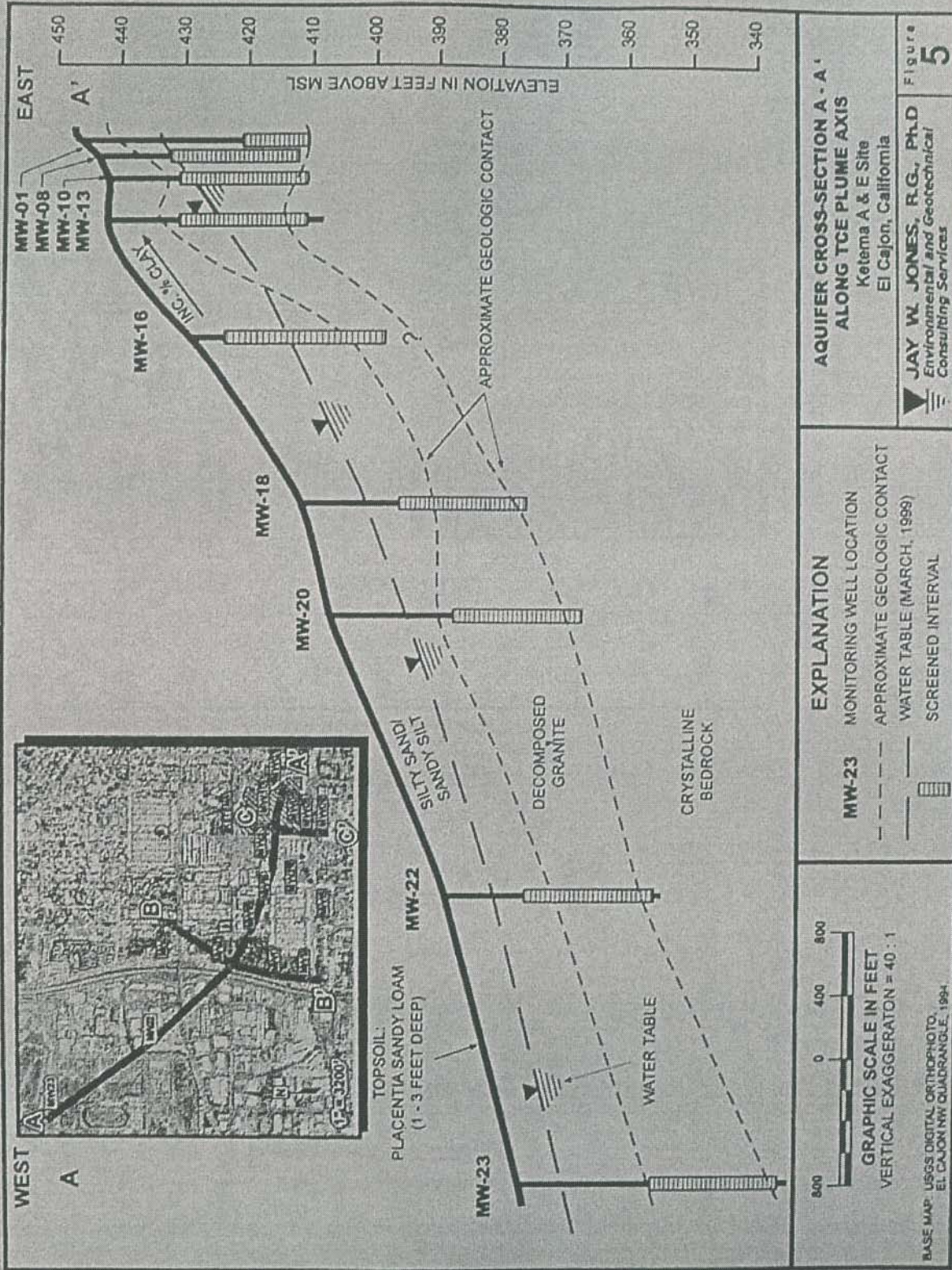
September 2007
Former Ketema A & E Site, El Cajon, California

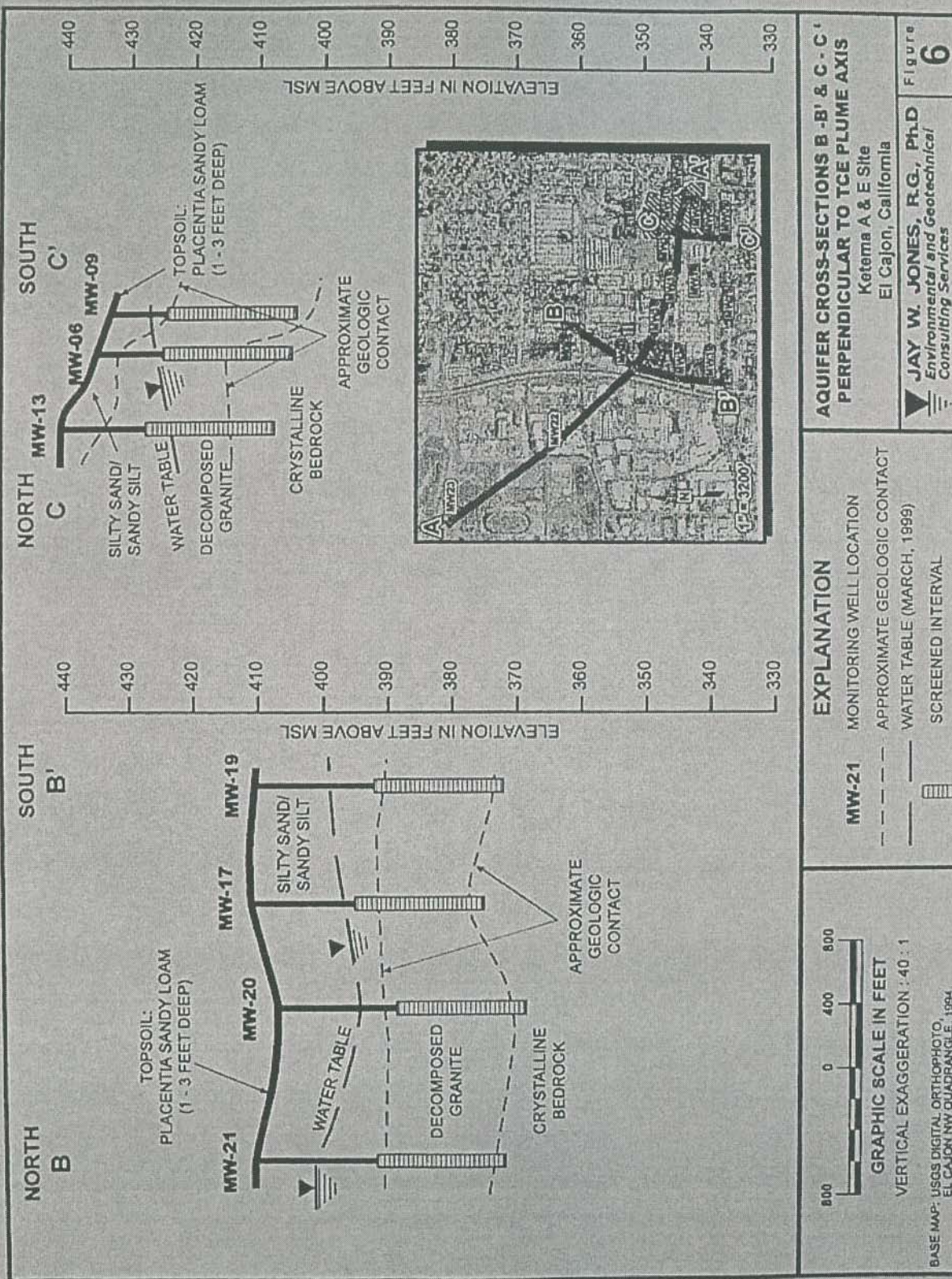
 Environmental Navigation Services, Inc.	Figure 1
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MAROS 2.1 APPLICATION

Aquifer Monitoring Network Optimization

Former Ketema A & E Facility

El Cajon, California



August 30, 2005



MAROS 2.1 APPLICATION AQUIFER MONITORING NETWORK REVIEW KETEMA A & E SITE, EL CAJON, CALIFORNIA

EXECUTIVE SUMMARY

The following report contains a review of the long-term groundwater monitoring network for the former Ketema A & E facility using the Monitoring and Remediation Optimization System (MAROS) software. The overall monitoring network was evaluated in a previous report (GSI, 2004) and recommendations were made for groundwater sample frequency and monitoring locations. The current report re-evaluates the monitoring system using two additional sampling events conducted in December 2004/January 2005 and May 2005. The additional data refine the statistical analyses provided by the MAROS software in the previous report, particularly for 1,4-dioxane.

The MAROS software methodology is designed to evaluate groundwater monitoring networks by applying statistical techniques to existing historical and current site analytical data. The methodology results in recommendations for priority constituents of concern (COCs), sample locations and sample frequency sufficient to address site monitoring objectives.

By May 2005, roughly 40 sampling events had been carried out at the Ketema facility including 35 site monitoring locations since 1987. The historic constituent data for all, or in some cases, a subset of wells were analyzed using the MAROS 2.1 software in order to: 1) to evaluate plume stability and 2) recommend changes in sampling frequency without compromising the effectiveness of the long-term monitoring network.

The basis for using the MAROS methodology for reviewing the Ketema monitoring network lies in the understanding that the primary source of constituents (the sump area) has been identified and removed. For the purpose of the MAROS analysis, possible secondary sources within the facility have been included in the current definition of Source area. The plume has been substantially delineated, as indicated by the presence of several non-detect wells north and to the south of the plume as well as CPT borings north and west of the plume. Site monitoring data have been collected for over 15 years and all priority constituents have sufficient records to statistically evaluate their trends. Using site monitoring data, the MAROS method suggests an efficient monitoring strategy to provide information for decision support during long-term aquifer restoration.

Project Objectives

The general objective of the report is to re-evaluate the Ketema monitoring network and sampling program after considering two additional sampling events, January 4, 2005 and May 23, 2005 (effective sample dates), which were conducted during the unusually high rainfall season of 2004-2005 (NOAA, 2005). The evaluation focuses on the following objectives:

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- Re-evaluate the overall plume stability through trend and moment analysis.
- Evaluate individual well concentration trends over time for target constituents of concern (COCs) (TCE, DCE, PCE and 1,4-dioxane).
- Develop sampling frequency recommendations for current locations based on stability trends of monitoring wells.

Results

Results from the COC assessment, stability analyses, temporal trend analyses, moment analysis, and sampling frequency determination for the Ketema facility are summarized below.

- The MAROS Constituent of Concern (COC) Assessment still ranked trichloroethene (TCE) as the highest priority contaminant in terms of toxicity and prevalence (see Appendix, *COC Assessment Report*), and 1,4-dioxane as a priority in terms of mobility. 1,1-Dichloroethene (DCE) ranked second in all three evaluations. Tetrachloroethene (PCE) ranked lower than TCE and DCE in terms of prevalence and toxicity (but above 1,4-dioxane) and below all compounds in terms of mobility.
- Overall, the higher than average rainfall season of 2004-2005 appears to have increased variability in constituent concentrations trends. Fewer definite concentration trends for individual wells were found relative to the previous analysis. Seasonally fluctuating groundwater conditions should be considered in interpreting data from the 2005 sample events. (4)

TCE

- Individual trend analyses for TCE indicated a source area with moderate variability in concentration trends in the nested wells. Wells MW-10 and MW-13 with long source-area monitoring records displayed overall Decreasing TCE trends. Nested wells adjacent to MW-10, with shorter monitoring records and variable screened intervals showed Probably Increasing and No Trend results. The variability seen in the nested wells, which was not reflected in data from the full water column, may be a result of their recent installation and the impact of high seasonal water levels (2004-2005).

Individual wells in the near downgradient region of the plume showed Decreasing trends. However, Increasing concentrations of TCE were found at monitoring locations in the far downgradient area of the plume (MW-23, MW-24A and 24B). ←

- The total dissolved mass estimate for TCE showed a "Stable" trend between 1994 and 2005. Recent estimates of dissolved mass in the plume vary between 108 and 138 Kg. The movement of the center of mass relative to the source area shows No Trend or greater variability after the inclusion of 2005 sample

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data. Evaluation of constituent distribution about the center of mass indicates Increasing trends both parallel and perpendicular to groundwater flow. Increasing redistribution of mass with a stable trend for total dissolved mass indicates dilution of constituents in the center of the plume.

DCE

- Individual well trends for DCE, like those for TCE, resulted in high variability for the nested wells in the source area. Source well MW-10 has an overall Probably Decreasing trend. Wells in the near downgradient region of the plume showed variability in concentration, with MW-14 and MW-16 exhibiting Decreasing concentration trends. No Trend was detected in wells MW-13, MW-15, MW-18 and MW-20. DCE concentrations showed a strongly Increasing trend at downgradient well MW-22, but DCE was not detected at well MW-23. The extent of the DCE plume is still within the TCE plume.
- Dissolved mass estimates for DCE in the plume show No Trend over time, reflecting high variability in individual well concentrations. Estimates of the total dissolved mass of DCE in the plume for the most recent sample events range between 1.5 and 19 Kg. Both the distance of the center of mass from the source and the mass distribution for DCE Increased between 1994 and 2005.

1,4-Dioxane

- Well trend results for 1,4-dioxane indicate high variability in the source area. Well MW-10 showed No Trend while MW-13 has a Stable trend for 1,4-dioxane. Well MW-16 also showed a Stable trend while concentrations at downgradient wells MW-18, MW-22, MW-23, and MW-24A resulted in Increasing to Probably Increasing trends.
- Additional sampling data from 2005 were used to estimate total dissolved mass of 1,4-dioxane in the plume. Mass estimates for the sampling interval from 2002-2005 indicate a range of roughly 3 to 21 Kg total 1,4-dioxane dissolved in groundwater. The movement of the center of mass relative to the source showed No Trend during the time frame analyzed. The distribution of mass about the center also showed No Trend for 1,4-dioxane.

PCE

- PCE trend analyses indicate that 55% of the wells in the network show non-detect results for all PCE analyses. Roughly 30% of wells had No Trend results due to intermittent PCE detections. Wells MW-13 and MW-16, where PCE has been detected most often, also show No Trend results. The PCE plume is not as extensive or mobile as the other COCs but exhibits more relative variability in concentration data than the other constituents.

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- Total dissolved mass estimates for the PCE plume do not show a definite trend over time. The dissolved mass estimate for PCE ranges between 2 to 5 Kg, a quantity much lower than the other constituents. Movement of the center of mass showed No Trend, with the first moment moving forward and backward along the axis of groundwater flow (see Figure 5). Estimates of the second moments indicate that the plume spread is increasing both in the direction of groundwater flow and perpendicular to flow.

Sample Frequency

- The MAROS well sampling frequency tool (the Modified CES method) was used to develop a sample frequency for each COC using conservative assumptions. An overall sample schedule was developed after considering MAROS recommendations for each COC, individual well trends, non-detect values, and recent sample frequency. The final well sampling program recommendation developed using MAROS includes:
 - Quarterly sampling for centerline wells MW-18 and MW-22;
 - Semi-annual sampling (every 6 months) for 9 wells;
 - Annual sampling for 7 wells, and
 - Biennial (every 2 years) sampling for 5 additional wells (see Table 7).

The total recommended program results in an average of 35.5 groundwater samples annually.

Recommendations

- COCs of greatest interest for the design of the monitoring program at the former Ketema site are TCE and DCE. The constituents 1,4-dioxane and PCE are of secondary interest in terms of toxicity and prevalence. All site COCs are contained within the extent of TCE affected groundwater, and the overall monitoring strategy has been designed with TCE and DCE as the priority constituents.
- Remove 4 source area wells from the current monitoring program: MW-102A, MW-102B, MW-103A and MW-103B. Two sets of nested wells are located in the source area to delineate COC concentrations vertically. Wells MW-101A/B and MW-102A/B are co-located near well MW-10, while wells MW-103A/B and MW-104A/B are co-located approximately 110 ft east/southeast of the other wells clusters (see Figure 1 inset). The co-located well nests provide redundant information for routine monitoring, with similar results available from close or overlapping screened intervals (i.e. MW-101A and MW-102A). The above wells are recommended for removal based on their proximity to one another, and redundancy of concentration profiles. Wells with different screened intervals (e.g. 101A and B) are retained while redundant wells with overlapping screened intervals are recommended for removal.

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- Retain 23 wells in the long-term monitoring network (Access to the Thrifty-12 well has been denied for subsequent sample events).
- Based on the current data set, two centerline wells are recommended for Quarterly sampling (MW-18 and MW-22). Semi-annual sampling is recommended for 9 site locations while 7 wells with largely Stable concentrations are recommended for Annual sampling. Five wells with largely non-detect results are recommended for biennial sampling (see Table 6). The resulting program recommends an average of 35.5 wells sampled per year.
- Consider installing additional wells in locations in the far downgradient region and to the North of well MW-22. This recommendation is based on results of the well sufficiency analysis using data collected in December 2004/January 2005 and May 2005. Access to property west/northwest of the of MW-22 has previously been denied; however, the property is currently being redeveloped and access for the purpose of environmental sampling may be granted in the future. ← *

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1.0 INTRODUCTION

The MAROS 2.1 software used to evaluate and optimize the long-term monitoring (LTM) network at the Ketema facility is a collection of tools in one software package used in an explanatory, non-linear but linked fashion to evaluate groundwater monitoring programs. The tool includes models, statistics, heuristic rules, and empirical relationships to assist the user in optimizing a groundwater monitoring network system. Results generated from the software tool can be used to develop lines of evidence, which, in combination with expert opinion, can be used to inform regulatory decisions for safe and economical long-term monitoring of groundwater plumes. For a detailed description of the structure of the software and further utilities, refer to the MAROS 2.1 Manual (AFCEE, 2003; http://www.gsi-net.com/software/MAROS_V2_1Manual.pdf) and Aziz et al., 2003.

The following report summarizes the findings of an application of the MAROS 2.1 software to refine and re-evaluate the long-term monitoring well network and sampling program at the Ketema site in El Cajon, California

1.1 Site Background

The Ketema facility (formerly Ametek) at 790 Greenfield Drive in El Cajon California was operated as an aerospace manufacturing facility until it was sold to Senior Flexonics in 1998/1999. Between the years 1953 to 1983, spent degreasing solvents (primarily chlorinated solvents) and rinse waters used at the facility were collected in an underground redwood sump located on the eastern side of the site in the vicinity of former monitoring wells MW-1, MW-2 and MW-3 (see Figure 1). Spent degreasing solvents included the parent chlorinated compounds 1,1,1-trichloroethane (TCA), trichloroethene (TCE) and tetrachloroethene (PCE). 1,1-Dichloroethene (DCE) is a spontaneous degradation product of TCA, and will often develop somewhat downgradient of the initial source area. The constituent 1,4-dioxane was a stabilizing agent added to commercial TCA to prevent spontaneous degradation.

Groundwater investigations and remedial activities have been conducted at the site since 1987. In 1988, the collection sump was removed and contaminated soil surrounding the sump was excavated to bedrock. The excavation was backfilled with clean soil and paved over with asphalt. Groundwater monitoring data have been obtained from site monitoring wells since 1987. To date 35 wells have been installed as part of the site investigation process. Of these wells, 7 monitoring wells were destroyed during facility expansion and construction in 1998/1999. Table 1 summarizes the monitoring wells for the Ketema site, and the data used to perform the MAROS evaluation.

1.2 Geology and Hydrology

Area groundwater occurs in a shallow unconfined aquifer approximately 8 to 18 feet below ground surface with a saturated thickness of approximately 15 to 20 feet. The shallow saturated unit consists of silty sands and sandy silts overlying a gradational

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3.0 SUMMARY AND RECOMMENDATIONS

The MAROS decision-support software assists stakeholders in focusing long-term monitoring plans based on statistical evaluation of historic and current monitoring data and plume behavior over time. The product of the MAROS evaluation is a recommendation for a groundwater monitoring program based on the current monitoring infrastructure. The improved network is intended to provide confidence in the ability of the monitoring program to support site decision-making and predict COC movement.

The MAROS sampling optimization software/methodology has been applied to the former Ketema A & E groundwater monitoring program as of May 2005. The basis for the MAROS evaluation includes the accumulation of sufficient data to evaluate all priority COCs and newer well locations. An additional motivation for the review of the monitoring system is the record rainfall in the El Cajon area during October 2004 through February 2005 (NOAA, 2005).

The basis for using the MAROS methodology for reviewing the Ketema monitoring network lies in the understanding that the primary source of constituents (the sump area) has been identified, excavated and removed. To account for possible secondary sources, the source area definition for the MAROS analysis has been expanded to include the facility property to the western edge. The plume has been substantially delineated, as indicated by the presence of several non-detect wells north and to the south of the plume. All wells in current use have sufficient data for all priority constituents to define concentration trends. The source area has been delineated vertically by the presence and sufficient data record to evaluate concentration trends at vertical nested wells. Site monitoring data have been collected for over 15 years from over 30 different locations. The MAROS method uses collected data to recommend an efficient monitoring strategy to provide information for decision support during long-term groundwater restoration.

The MAROS software identified TCE and DCE as significant and representative site COCs. PCE and 1,4-dioxane were also considered, but were identified as being of lower toxicity and prevalence than DCE and TCE. Overall, results for all COCs considered were used to evaluate and improve the groundwater monitoring network. The network recommendation allows for a streamlined spatial and temporal groundwater monitoring system adjusted for the extreme weather conditions experienced in the 2004-2005 season.

Overview Statistics

The Mann-Kendall and Linear Regression temporal trend methods were used to determine an Overall concentration trend for each COC and monitoring location (Table 5). Overall trend results from the temporal trend analyses indicate that source well MW-10, with a strong monitoring history 1994-2005, had a definite Decreasing trend for TCE and a Probably Decreasing trend for DCE. PCE is detected intermittently at this

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location. Well MW-13, also with an extensive monitoring record, showed a Decreasing trend for TCE and No Trend for PCE and DCE.

COC concentration trends for nested wells indicate that different levels in the aquifer have different COC concentrations, and that trend determination from wells with short screens can show a great deal of variability. Overall, the source area was found to have Stable to variable concentration trends. The previous MAROS analysis (GSI, 2004) indicated that the source area was Stable for most COCs.

Based on trend analyses, tail wells could be separated into two general categories: near downgradient and far downgradient wells. The near downgradient wells, such as MW-16 and MW-17, returned Decreasing to non-detect results for TCE trends and largely Stable to Decreasing trends for other COCs detected in this region. TCE showed the strongest Decreasing trends in this area, with wells MW-14, 15, 16, 17, 19 and 20 Decreasing and a Stable trend at MW-18. Decreasing trends for wells MW-14 and MW-16 for both TCE and DCE indicate the strength of the overall decreasing concentrations in this area. Results for 1,4-dioxane in the near downgradient area indicate No Trend or Stable trends. Overall, constituent trends in the near downgradient area appear to be stable despite the high rainfall recharge.

Tail wells located in the far downgradient region showed Increasing trends for several constituents. Well MW-18 showed high variability for DCE concentrations and a Probably Increasing trend for 1,4-dioxane concentrations. Well MW-22 showed a strongly Increasing trend for DCE, an Increasing trend for 1,4-dioxane and a highly variable trend for TCE. For TCE, wells MW-23, MW-24A and MW-24B had Increasing to Probably Increasing trends. Results for 1,4-dioxane show Increasing trends at MW-23 and MW-24A. Overall, the far downgradient area is less stable than other regions of the plume.

The total dissolved mass estimates (Zeroth moment) can be used to evaluate overall plume stability. Dissolved mass for TCE was found to be Stable with an average of approximately 118 Kg in the plume. The Zeroth moment trend for DCE indicated a high degree of variability in the data, most likely as a result of different wells being sampled during some of the events. Total dissolved mass of DCE in the plume was estimated to be between 1.5 and 19 Kg. The total dissolved mass trend estimate of PCE in the plume resulted in No Trend with quantities estimated between 2 and 5 Kg. Overall, the dissolved mass of chlorinated compounds in the plume is fairly stable within the extent of the monitoring system.

Dissolved mass estimates for 1,4-dioxane showed an Increasing trend. Recent mass estimates for 1,4-dioxane were close to 9 Kg, but the final sample event in May 2005 resulted in a total dissolved mass estimate of 21 Kg. First and Second moment estimates for 1,4-dioxane show no definite trend in distance of the center of mass from the source area and the spread of the plume about the center of mass. The monitoring record for 1,4-dioxane is fairly short and, due to the high mobility of the compound, large

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increase in water levels may have a greater relative impact on 1,4-dioxane concentrations relative to the less mobile chlorinated compounds.

MAROS analysis found that the First moment, or center of mass, for DCE is migrating down and cross-gradient while the distribution of the plume parallel and perpendicular to the groundwater flow is also increasing. The DCE plume is still contained within the extent of the TCE plume. As stated in the previous report, the status of DCE as a degradation product may affect the moment evaluation, as higher concentrations would appear farther downgradient relative to the identified source area. The increasing moments for DCE reflect the increasing DCE concentrations at well MW-22, 4,500 feet downgradient from the source area. The results of the moment analysis confirm the need for continued DCE monitoring in the central downgradient region of the plume.

Overall plume stability results now recommend a ***moderate to extensive monitoring strategy*** due to variable trends for 1,4-dioxane. As 1,4-dioxane is the most mobile constituent examined, the monitoring category and underlying trends for this constituent are most likely to be affected by the greater than average rainfall. The 1,4-dioxane plume may be experiencing some enhanced mobility due to higher water levels. Overall plume analysis recommends a Semi-annual monitoring approach for source and tail regions.

Detailed Statistics

Because of the spatial distribution of COCs, most wells in the Ketema program provide specific and important information for one or more of the COCs. Four wells in the source area are recommended for removal from routine monitoring. The four wells are part of two nested well clusters, and, based on both the MAROS recommendations and a qualitative evaluation, two nested well sets were determined to provide redundant information for these locations. The majority of wells in the network are needed to characterize the DCE plume; consequently, no wells from the downgradient region are recommended for removal.

With the inclusion of recent monitoring data, areas in the downgradient region of the plume show higher uncertainty in both DCE and 1,4-dioxane concentrations. Installation of additional wells in the far downgradient region and to the north of well MW-22 may be considered. Because location of downgradient wells is contingent on access to off-site property, no precise locations are recommended. Location of wells on off-site properties is contingent on on-going negotiations with property owners and the State of California.

The sampling frequency optimization analysis using the modified CES method indicated that most of the wells in the monitoring network could be sampled at a less-than-quarterly frequency without loss of confidence in plume definition. An analysis based on the CES decision logic resulted in an updated sample frequency recommendation that 5 wells in the current network be sampled every two years (Biennially), 7 current wells be sampled Annually with 9 sampled Semi-annually. Two wells are recommended for

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Quarterly sampling. The resulting program has an average of 35.5 samples annually. The sampling frequency recommendation is based on recommendations for TCE sampling, but also considers other COCs, especially those with increasing trends at specific locations.

The current analysis is the first time sufficient data have been available to evaluate 1,4-dioxane. The recommendations for monitoring this compound are similar to those for TCE and DCE. For example, DCE concentrations at well MW-22 are increasing for both DCE and 1,4-dioxane; consequently, the MAROS recommendation for sample frequency at MW-22 for all constituents is Quarterly.

The impact of greater than normal rainfall in the area appears to be greater uncertainty in concentration trends especially in the source area. Overall, the data indicate that more frequent monitoring is warranted at some locations. Changes in the monitoring frequency from the December 2004 analysis are indicated in Table 7.

The MAROS evaluation recommends that effective monitoring of the TCE and DCE plumes is the highest priority for the well network. The MAROS analysis indicates that the TCE and DCE plumes are largely stable near the source, but expanding in the downgradient region. The DCE plume, while contained within the TCE plume, requires continued monitoring along the centerline. The inclusion of the analysis for 1,4-dioxane does not change the monitoring program significantly.

The optimized monitoring network can be reevaluated after further data collection efforts to determine if the network and sampling frequency should be adjusted to reflect more mature site conditions and after the return of 'normal' weather conditions. Overall, the optimized network should provide higher quality information on plume behavior while minimizing data collection effort and expense.



TABLE 1
Sampling Locations Used in the MAROS Analysis

Ketema A&E Site
 El Cajon, California

Well Name	MAROS Defined Type of Well	Well In Current Monitoring Program	Sampling History		
			First Sample Date Used In Analysis	Last Sample Date Used in Analysis	Summary
MW-1	S	No	12/14/1987	3/24/1998	Sampled frequently 1987-1998, Destroyed in 1998
MW-2	--	No	--	--	12/87 - 3/99, Destroyed
MW-3	--	No	--	--	12/87 - 3/99, Destroyed
MW-4	--	No	--	--	8/88 - 7/90, Destroyed
MW-5	--	No	--	--	8/88 - 7/90, Destroyed
MW-6	T	Yes	8/18/1988	5/25/2005	Semiannually 1989-1998, roughly Annually thereafter
MW-7	T	Yes	8/18/1988	5/25/2005	Semiannually 1989-1990, 1993, 1996, 2003 - 2005
MW-8	--	No	--	--	8/88 - 3/98, Destroyed
MW-9	T	Yes	10/26/1988	5/25/2005	Semiannual 1988-1990, occasionally thereafter; All non-detect
MW-10	S	Yes	11/2/1988	5/26/2005	Sampled semi-annually 1989-1993, then Annually
MW-11	T	Yes	11/2/1988	5/26/2005	Semiannually 1988-1990, occasionally thereafter
MW-12	--	No	--	--	10/88 - 10/96, Destroyed
MW-101A	S	Yes	10/22/2001	5/26/2005	Sampled 2001-2005
MW-101B	S	Yes	10/22/2001	5/26/2005	Sampled 2001-2005
MW-102A	S	Yes	10/22/2001	5/26/2005	Sampled 2001-2005
MW-102B	S	Yes	10/22/2001	5/26/2005	Sampled 2001-2005
MW-103A	S	Yes	10/22/2001	5/26/2005	Sampled 2001-2005
MW-103B	S	Yes	10/22/2001	5/26/2005	Sampled 2001-2005
MW-104A	S	Yes	10/22/2001	5/26/2005	Sampled 2001-2005
MW-104B	S	Yes	10/22/2001	5/26/2005	Sampled 2001-2005
MW-13	S	Yes	8/10/1989	5/26/2005	Semiannually 1989-1993, Annually 1996-2004, Semi-annual 2005
MW-14	T	Yes	8/10/1989	5/25/2005	Semiannually 1989-1993, roughly Annually thereafter
MW-15	T	Yes	12/10/1996	11/18/2003	Semiannually 1996-2003
MW-16	T	Yes	12/10/1996	5/25/2005	Annually 1996-2004
MW-17	T	Yes	3/24/1997	5/25/2005	Sampled 1997-1998, 2003-2005
MW-18	T	Yes	3/24/1997	5/25/2005	Semiannually 1997-2005
MW-19	T	Yes	5/8/1997	11/18/2003	Semiannually 1997-2003
MW-20	T	Yes	5/8/1997	5/25/2005	Semiannually to Annually 1997-2005
MW-21	T	Yes	5/8/1997	5/25/2005	Semiannually 1997-2005
MW-22	T	Yes	3/24/1998	5/25/2005	Semiannually to Annually 1998-2005
MW-23	T	Yes	3/25/1998	5/23/2005	Sampled 1998, Semi-annually 2001 - 2005
MW-24A	T	Yes	3/25/2003	5/23/2005	Sampled 2003 - 2005
MW-24B	T	Yes	3/25/2003	5/23/2005	Sampled 2003 - 2005
MW-25	T	Yes	3/25/2003	5/23/2005	Sampled 2003 - 2005
Thrifty MW-12	T	Yes	11/18/2003	12/30/2004	Sampled 2003 and 2004

Notes:

1. Well data from Environmental Navigation Services, Inc. database.
2. Types of wells defined for the MAROS analysis, S = Source Well; T = Tail well; -- = Well not used in analysis.
3. Sample dates constitute analyses for any of the target COCs: PCE, DCE, TCE and 1,4-Dioxane.
4. Current Monitoring Program defined as wells sampled since 1/1/2000.



TABLE 2
AQUIFER INPUT PARAMETERS

Ketema A&E Site
 El Cajon, California

Parameter	Value	Units
Current Plume Length	6400	ft
Maximum Plume Length	6400	ft
Plume Width	1000	ft
Seepage Velocity (ft/yr)	200	ft/yr
Distance to Receptors	754	ft
GW Fluctuations	Yes	--
Source Treatment	None	--
Plume Type	Chlorinated Solvent/BTEX	--
Free NAPL Present	No	--
Priority COCs	Screening Levels	
Trichloroethene (TCE)	0.005	mg/L
1,1-Dichloroethene	0.007	mg/L
1,4-Dioxane	0.006	mg/L
Tetrachloroethene (PCE)	0.005	mg/L
Parameter	Value	
Groundwater flow direction	NW	135°
Effective Porosity	0.3	--
Source Location near Well	MW-1	--
Source X-Coordinate	1784836	ft*
Source Y-Coordinate	236342.5	ft*
Saturated Thickness	20	ft

Notes:

1. Aquifer data from Environmental Navigation (2004)
2. Priority COCs defined by prevalence, toxicity and mobility
3. ft* = Coordinates in NAD 1927 State Plane California VI FIPS 0406 feet.
4. Screening Levels are USEPA MCLs, except in the case of 1,4-Dioxane where the level is the Region 9 PRG for tap water.
5. Effective Porosity estimated based on literature values for alluvium subsurface (Weight and Sonderegger, 2001).

TABLE 3 Mann-Kendall Analysis Decision Matrix		
Mann-Kendall Statistic	Confidence in the Trend	Concentration Trend
$S > 0$	$> 95\%$	Increasing
$S > 0$	90 - 95%	Probably Increasing
$S > 0$	$< 90\%$	No Trend
$S \leq 0$	$< 90\%$ and $COV \geq 1$	No Trend
$S \leq 0$	$< 90\%$ and $COV < 1$	Stable
$S < 0$	90 - 95%	Probably Decreasing
$S < 0$	$> 95\%$	Decreasing

TABLE 4 Linear Regression Analysis Decision Matrix		
Confidence in the Trend	Log-slope	
	Positive	Negative
$< 90\%$	No Trend	$COV < 1$ Stable
		$COV > 1$ No Trend
90 - 95%	Probably Increasing	Probably Decreasing
$> 95\%$	Increasing	Decreasing

Notes:

1. Decision matrices from Aziz et al., 2003.
2. S = Mann Kendall Statistic
 COV = Coefficient of Variation



TABLE 5
Results of Individual Well Trend Analyses 1994-2005

Kelema A&E Site
 El Cajon, California

Well Type	WellName	Number of Samples	Number of Detects	Average Result [mg/L]	Ave. Result Above Screening Level	Mann Kendall Trend	Linear Regression Trend	Overall Trend Result
TCE								
S	MW-1	2	2	6.2	Yes	N/A	N/A	N/A
S	MW-10	11	11	18.45	Yes	PD	D	D
S	MW-101A	5	5	32.4	Yes	I	NT	PI
S	MW-101B	5	5	13.6	Yes	NT	NT	NT
S	MW-102A	5	5	25.8	Yes	NT	I	PI
S	MW-102B	5	5	11.26	Yes	NT	NT	NT
S	MW-103A	6	6	24	Yes	NT	NT	NT
S	MW-103B	5	5	3.82	Yes	NT	I	PI
S	MW-104A	5	5	11.96	Yes	NT	I	PI
S	MW-104B	6	6	2.78	Yes	NT	NT	NT
S	MW-13	12	12	2.83	Yes	PD	D	D
T	MW-11	5	0	--	No	ND	ND	ND
T	MW-14	9	9	0.35	Yes	D	PD	D
T	MW-15	13	13	0.151	Yes	D	D	D
T	MW-16	13	13	5.07	Yes	D	D	D
T	MW-17	7	3	0.021	Yes	D	D	D
T	MW-18	7	7	0.336	Yes	NT	S	S
T	MW-19	11	2	0.002	No	PD	D	D
T	MW-20	12	12	0.624	Yes	D	D	D
T	MW-21	14	1	0.0012	No	NT	PD	S
T	MW-22	11	11	1.46	Yes	NT	NT	NT
T	MW-23	15	5	0.00098	No	I	I	I
T	MW-24A	5	4	0.01	Yes	NT	PI	PI
T	MW-24B	5	3	0.0017	No	PI	NT	PI
T	MW-25	5	0	--	No	ND	ND	ND
T	MW-6	6	6	0.222	Yes	D	D	D
T	MW-7	4	1	0.0008	No	NT	NT	NT
T	MW-9	5	0	--	No	ND	ND	ND
T	Thrifty MW-12	3	3	0.048	Yes	N/A	N/A	N/A

Notes:

1. Trends were evaluated for data collected between 1994 and 2005.
2. Analysis included non-detect values set to the minimum detection limit. Duplicate samples were averaged.
3. The screening level for TCE is 0.005 mg/L.
4. Decreasing (D), Probably Decreasing (PD), Stable (S), No Trend (NT), Probably Increasing (notes notes notes and Increasing (I), Insufficient data or all non-detect data (N/A), non-detect for all compounds, all times (ND).
5. S = Source Zone Well; T = Tail Zone Well
7. Overall Trend is calculated from a weighted average of the Linear Regression and Mann-Kendall Trends. For further details on this methodology refer to the MAROS 2.1 Users Manual Appendix A.8.



TABLE 5
Results of Individual Well Trend Analyses 1994-2005

Kelama A&E Site
 El Cajon, California

Well Type	Well Name	Number of Samples	Number of Detects	Average Result [mg/L]	Ave. Result Above Screening Level	Mann Kendall Trend	Linear Regression Trend	Overall Trend Result
DCE								
S	MW-1	2	2	9.65	Yes	N/A	N/A	N/A
S	MW-10	11	11	1.23	Yes	S	D	PD
S	MW-101A	5	3	0.278	Yes	NT	NT	NT
S	MW-101B	5	5	1.42	Yes	NT	NT	NT
S	MW-102A	5	3	0.411	Yes	NT	NT	NT
S	MW-102B	5	4	1.02	Yes	S	S	S
S	MW-103A	6	1	0.035	Yes	NT	NT	NT
S	MW-103B	5	2	0.006	No	NT	PD	S
S	MW-104A	5	1	0.02	Yes	NT	NT	NT
S	MW-104B	6	2	0.004	No	NT	NT	NT
S	MW-13	12	5	0.08	Yes	NT	NT	NT
T	MW-11	5	0	--	No	ND	ND	ND
T	MW-14	9	9	0.567	Yes	D	D	D
T	MW-15	13	10	0.018	Yes	NT	NT	NT
T	MW-16	13	12	0.533	Yes	D	PD	D
T	MW-17	7	0	--	No	ND	ND	ND
T	MW-18	7	7	0.143	Yes	NT	NT	NT
T	MW-19	11	0	--	No	ND	ND	ND
T	MW-20	12	12	0.146	Yes	NT	NT	NT
T	MW-21	14	0	--	No	ND	ND	ND
T	MW-22	11	9	0.14	Yes	I	I	I
T	MW-23*	15	1	0.0001	No	NT	NT	NT
T	MW-24A	5	0	--	No	ND	ND	ND
T	MW-24B	5	0	--	No	ND	ND	ND
T	MW-25	5	0	--	No	ND	ND	ND
T	MW-6	8	8	0.2	Yes	PD	D	D
T	MW-7	4	0	--	No	ND	ND	ND
T	MW-9	5	0	--	No	ND	ND	ND
T	Thrifty MW-12	3	2	0.013	Yes	N/A	N/A	N/A

Notes:

1. Trends were evaluated for data collected between 1994 and 2005.
2. Analysis included non-detect values set to the minimum detection limit. Duplicate samples were averaged.
3. The screening level for DCE is 0.007 mg/L.
4. Decreasing (D), Probably Decreasing (PD), Stable (S), No Trend (NT), Probably Increasing (PI), and Increasing (I). Insufficient data or all non-detect data (N/A); non-detect for all compounds, all times (ND).
5. S = Source Zone Well; T = Tail Zone Well
6. Overall Trend is calculated from a weighted average of the Linear Regression and Mann-Kendall Trends. For further details on this methodology refer to the MAROS 2.1 Users Manual Appendix A.8.
7. * = Well MW-23 showed only one detection of DCE in November, 2002. This detection was not reproduced in subsequent sample events and is most likely a sampling or laboratory artifact.



TABLE 5
Results of Individual Well Trend Analyses 1994-2005

Kelema A&E Site
 El Cajon, California

Well Type	WellName	Number of Samples	Number of Detects	Average Result [mg/L]	Ave. Result Above Screening Level	Mann Kendall Trend	Linear Regression Trend	Overall Trend Result
1,4-Dioxane								
S	MW-10	5	5	0.26	Yes	NT	NT	NT
S	MW-101A	4	4	0.23	Yes	NT	PI	PI
S	MW-101B	4	4	0.29	Yes	NT	PI	PI
S	MW-102A	3	3	0.283	Yes	N/A	N/A	N/A
S	MW-102B	4	4	0.295	Yes	NT	NT	NT
S	MW-103A	4	4	0.77	Yes	S	NT	S
S	MW-103B	4	4	0.005	No	NT	I	PI
S	MW-104A	4	4	0.067	Yes	S	S	S
S	MW-104B	4	3	0.002	No	S	NT	S
S	MW-13	5	5	0.0356	Yes	NT	S	S
T	MW-11	4	1	0.0004	No	NT	NT	NT
T	MW-14	4	4	0.0155	Yes	NT	NT	NT
T	MW-15	2	1	0.001	No	N/A	N/A	N/A
T	MW-16	5	5	0.124	Yes	S	PD	S
T	MW-17	4	0	—	No	ND	ND	ND
T	MW-18	4	4	0.10925	Yes	NT	PI	PI
T	MW-19	2	0	—	No	N/A	N/A	ND
T	MW-20	6	6	0.0435	Yes	NT	NT	NT
T	MW-21	5	0	—	No	ND	ND	ND
T	MW-22	6	6	0.03183333	Yes	I	I	I
T	MW-23	6	3	0.00091667	No	I	I	I
T	MW-24A	5	3	0.0009	No	I	I	I
T	MW-24B	5	0	—	No	ND	ND	ND
T	MW-25	5	5	0.077	Yes	D	D	D
T	MW-6	4	4	0.001	No	S	NT	S
T	MW-7	3	3	0.001	No	N/A	N/A	N/A
T	MW-9	5	0	—	No	ND	ND	ND
T	Thrifty MW-12	3	1	0.00035	No	N/A	N/A	N/A

Notes:

1. Trends were evaluated for data collected between 1994 and 2005.
2. Analysis included non-detect values set to the minimum detection limit. Duplicate samples were averaged.
3. The screening level for 1,4-dioxane is 0.005 mg/L.
4. Decreasing (D), Probably Decreasing (PD), Stable (S), No Trend (NT), Probably Increasing (PI), and Increasing (I), Insufficient data or all non-detect data (N/A); non-detect for all compounds, all times (ND).
5. S = Source Zone Well; T = Tail Zone Well
7. Overall Trend is calculated from a weighted average of the Linear Regression and Mann-Kendall Trends. For further details on this methodology refer to the MAROS 2.1 Users Manual Appendix A 6.

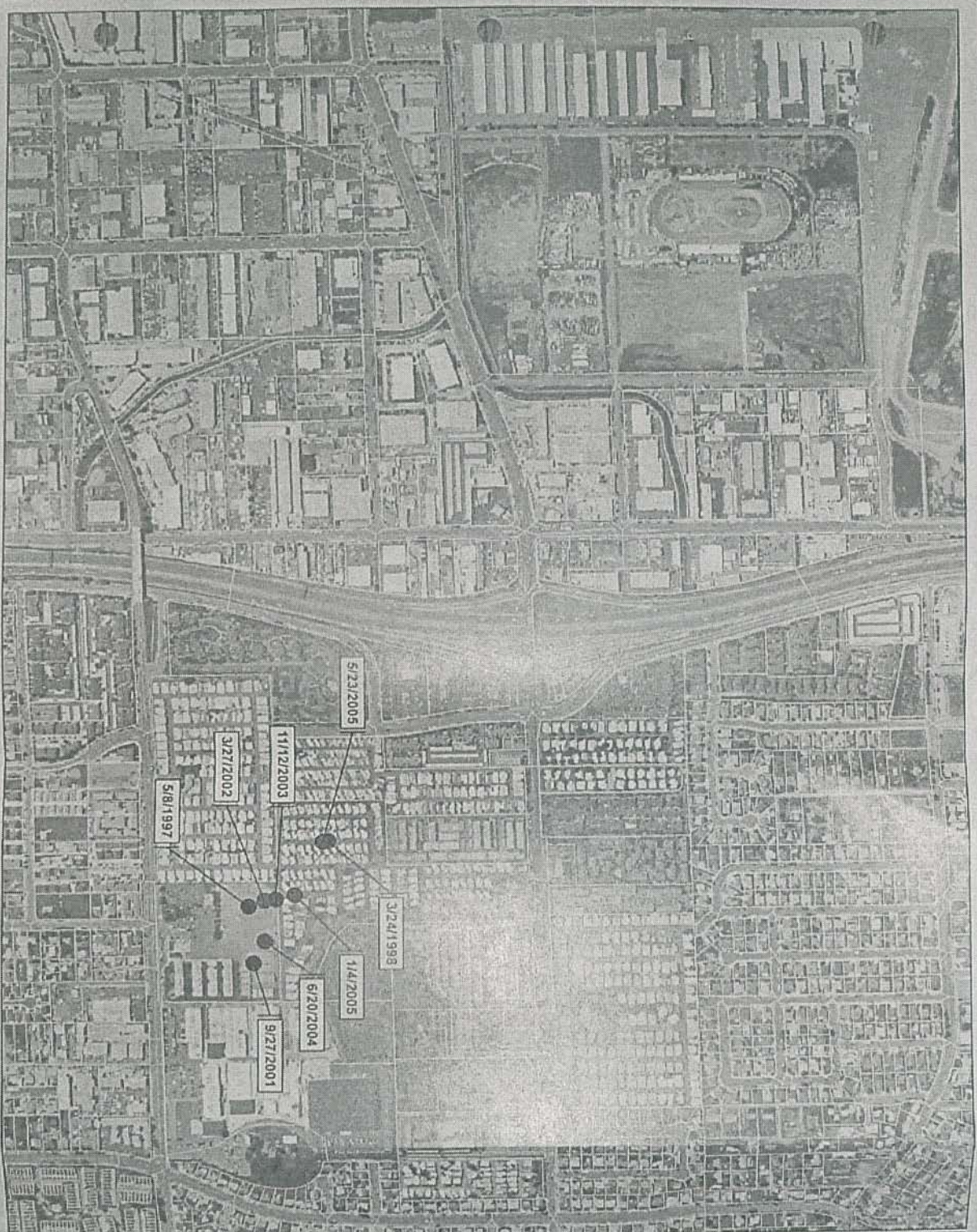
TABLE 5
Results of Individual Well Trend Analyses 1994-2005

Kelama A&E Site
 El Cajon, California

Well Type	WellName	Number of Samples	Number of Detects	Average Result [mg/L]	Ave. Result Above Screening Level	Mann Kendall Trend	Linear Regression Trend	Overall Trend Result
PCE								
S	MW-1	2	0	--	No	ND	ND	ND
S	MW-10	11	3	0.141	Yes	NT	NT	NT
S	MW-101A	5	0	--	No	ND	ND	ND
S	MW-101B	5	1	0.004	No	NT	D	S
S	MW-102A	5	0	--	No	ND	ND	ND
S	MW-102B	5	2	0.011	Yes	NT	NT	NT
S	MW-103A	6	0	--	No	ND	ND	ND
S	MW-103B	5	1	0.03	Yes	NT	NT	NT
S	MW-104A	5	0	--	No	ND	ND	ND
S	MW-104B	6	2	0.039	Yes	PI	PI	PI
S	MW-13	12	12	3.7	Yes	NT	NT	NT
T	MW-11	5	1	0.0002	No	NT	NT	NT
T	MW-14	9	2	0.0006	No	NT	I	PI
T	MW-15	13	0	--	No	ND	ND	ND
T	MW-16	13	13	0.329	Yes	NT	NT	NT
T	MW-17	7	0	--	No	ND	ND	ND
T	MW-18	7	0	--	No	ND	ND	ND
T	MW-19	11	1	0.0003	No	NT	D	S
T	MW-20	12	0	--	No	ND	ND	ND
T	MW-21	14	0	--	No	ND	ND	ND
T	MW-22	11	0	--	No	ND	ND	ND
T	MW-23	15	2	0.0007	No	NT	NT	NT
T	MW-24A	5	0	--	No	ND	ND	ND
T	MW-24B	5	1	0.0002	No	NT	NT	NT
T	MW-25	5	0	--	No	ND	ND	ND
T	MW-6*	6	1	0.009	Yes	NT	NT	NT
T	MW-7	4	1	0.004	No	NT	NT	NT
T	MW-9	5	0	--	No	ND	ND	ND
T	Thrifty MW-12	3	0	--	No	ND	ND	ND

Notes:

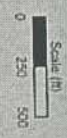
1. Trends were evaluated for data collected between 1994 and 2005.
2. Analysis included non-detect values set to the minimum detection limit. Duplicate samples were averaged.
3. The screening level for PCE is 0.005 mg/L.
4. Decreasing (D), Probably Decreasing (PD), Stable (S), No Trend (NT), Probably Increasing (PI), and Increasing (I), Insufficient data or all non-detect data (N/A), non-detect for all compounds, all times (ND).
5. S = Source Zone Well; T = Tail Zone Well.
7. Overall Trend is calculated from a weighted average of the Linear Regression and Mann-Kendall Trends. For further details on this methodology refer to the MAROS 2.1 Users Manual Appendix A.8.



Confidential & attorney-
Client Privileged/Attorney
Work Product

Legend

- First Moment's TCE
- Former Disposal Sump
- Data points based on
new sample events



GREENWATER
SERVICES, INC.

TCE FIRST MOMENT (CENTER OF MASS) OVER TIME

Former Kelena ASE Site
El Cajon, California

CD Job No.	G-3010	Drawn by	AM
Revised	8/20/2005	Checked by	AM
Revised		Revised	CJM
Sheet	AS-30001	Figure	2

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Confidential Attorney-
Client Privileged Attorney
Work Product

Legend

● First Moments
1,4-Dioxane

■ Former Disposal Sump

Data points based on
new sample events

Note: Sample locations in this map are approximate
and should not be used for legal purposes. Sample
locations are based on aerial photography and are not
guaranteed to be accurate. All rights reserved.

Scale (ft)
0 250 500



ENVIRONMENTAL
PROTECTION
AGENCY, INC.

**1,4-DIOXANE FIRST MOMENT
(CENTER OF MASS)
OVER TIME**
Former Kelena A&E Site
El Cajon, California

Grid Data File	G-2010	Created by	MM
Version	5/30/2005	Checked by	MM
Reviewed		Approved by	CIN
Scale	As Shown	Figure 4	



20-0252.05



May 27, 2005

James Beard
Director, Maintenance & Operations
Cajon Valley Union School District
535 Vernon Way, Box 1007
El Cajon, California 92022-1007

RE: Results of Soil Vapor and Air Testing at the Magnolia Elementary School, 650
Greenfield Drive, El Cajon, California

Dear Mr. Beard:

This letter provides a summary of historical and recent soil and indoor air testing performed in 2004 and 2005 at the Magnolia Elementary School. This investigation performed a series of indoor air sampling efforts to identify whether, where, and in what concentration air contaminants existed within the various rooms that comprise Magnolia Elementary School.

Historical Soil Vapor Investigations

Previous environmental studies at the Magnolia Elementary School was performed by Ketema, Inc. Aerospace & Electronics Division (Ketema)¹. The Air Sampling Investigation Field activities were performed by Environmental and Risk Management, Inc. on July 9, 1994. A California Environmental Protection Agency (CalEPA), Department of Toxic Substances Control Project Manager (DTSC Project Manager) was present during sampling. It is our understanding that TCE is present in the underlying groundwater below the school.

During this effort, surface isolation flux chamber samples were collected at eight locations at the school. Summa canisters were used to collect air samples from the surface flux chambers. The air samples collected in the canisters were analyzed for 1,1,1-trichloroethane (TCA), trichloroethene (TCE), tetrachloroethene (PCE), 1,1-dichloroethene, 1,1-dichloroethane, and benzene.

After reviewing the analytical results from July 1994 report, the California Environmental Protection Agency, Department of Toxic Substances Control, Human and Ecological Risk Division (HERD), Office of Scientific Affairs (OSA) concluded that no significant health threats were expected from the concentrations of volatile organic compounds (VOCs) detected at the school.

¹ Department of Toxic Substances Control. Memorandum from Michael Schum to Ketema Aerospace and Engineering, El Cajon, California, December 12, 1997.

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A second analysis was performed in 1997 and resulted in similar conclusions as those reported by OSA in 1994, (i.e., no significant health threats were expected from the very low levels of VOCs detected at the subject facility)². A comparison of the measured air concentrations to the modeled air concentrations using maximum flux chamber measurements and conservative dispersion modeling suggested the source of the measured concentrations was off-site.

DPRA Sampling

In order to detect the concentrations of volatile organic compounds in indoor air during various seasonal and under varying ventilation scenarios, DPRA conducted six sampling events over an eight month period on the following dates:

- July 26, 2004;
- August 2, 2004;
- September 4, 2004,
- October 2, 2004;
- January 5, 2005, and
- February 11-12th, 2005.

This series of phased sampling sought to identify contaminants within indoor air and, in turn, to increasingly focus sampling efforts within areas where contaminant detections most prominently appeared. The phased approach occurred as follows:

- **Soil Vapor Sampling:** the collection of soil vapor samples to ascertain if volatile organic compounds were present and if so, the types of compounds;
- **Crawlspace and Sub-Slab Sampling:** the collection of vapor samples under the crawlspace of temporary classrooms and concrete slabs of rooms to determine if volatile organic compounds were present, and if so, the types of compounds;
- **Ventilated and Non-Ventilated Classroom Sampling During Summer and Winter:** the collection of indoor air samples in summer and winter months under ventilated and non-ventilated conditions to examine seasonal variations of volatile organic compound concentrations, and
- **Targeted Classroom Sampling:** the collection of indoor air samples in classrooms exhibiting the greatest concentrations of target chlorinated solvents during 8-hour unventilated and ventilated conditions.

The following sections summarize the details of each sampling event.

July 26, 2004

Soil vapor and air samples from the crawl space of temporary rooms were collected on July 26, 2004. Air samples under classrooms 23 and 26-29 were collected (Figure 1).

² Environmental Risk Management, August 1994, Air Sampling Investigation Results, Prepared for Ketema Inc., Aerospace and Electronics Division, El Cajon, California.

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Five permanent soil vapor probe locations were also installed and samples collected from depths ranging from 5 to 15 feet below the ground surface. TCE was detected in soil vapor in some samples.

Soil vapor samples were collected by drawing soil vapor samples into syringes and transporting the samples to an H&P Geochemistry on-site mobile laboratory. Vapor samples were analyzed utilizing United States Environmental Protection Agency Standard Method 8260B. The laboratory sheets from this sampling event are contained in Appendix A.

August 2, 2004

Soil vapor obtained during the August 2, 2004 event were collected in Summa canisters. Air from the four crawl spaces under classrooms 21, 23, 26 and 29 were sampled along with four temporary soil vapor locations (SV1-SV5). Samples collected in the Summa canisters were forwarded to a stationary laboratory (Calscience Environmental Laboratories in Garden Grove) and analyzed using EPA Standard Method TO-15. EPA Method TO-15 was used in the August sampling because of the lower detection limits than what was attainable with EPA Method 8260B. The temporary soil vapor probe locations were removed on August 17, 2004. Laboratory reports from this sampling event are found in Appendix B.

September 4, 2004

Indoor air samples were collected, under non-ventilated conditions, on September 4th from 54 different locations at the school. The ventilation was turned off and windows to each room were closed. The intent of this sampling was to simulate a worst case situation in terms of upward vapor intrusion into the rooms. The sampling locations included the following (Figure 1):

- Library, PRC Office, and Auditorium;
- The Front Office, Principals Office, Staff Room, Student Support Room, Nurses Office, and Psychology Office;
- Kindergarten Rooms 01 and 02;
- Classrooms 03-18 with slab on grade;
- Classrooms 19-33 with no slab, and
- 7 restrooms.

Indoor air samples were collected by placing 6 liter Summa canisters in each of the 54 room locations. The evacuated canisters were equipped with chokes that allowed samples to be collected over 8 hours. The canisters were transported via courier to Calscience Laboratory in Garden Grove, California. All samples were analyzed utilizing United States Environmental Protection Agency Standard Method TO-15 (Appendix C).

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October 2, 2004

On October 2nd three classrooms were re-sampled, again under non-ventilated conditions, to verify the detection of trichloroethene (TCE) found in the September sampling event. The sampling was performed in classrooms 3, 15 and 16. Indoor air sampling for the October 2004 event was performed under unventilated conditions by installing 6 liter Summa canisters that were evacuated prior to use, in each location and leaving in place for 8 continuous hours. The canisters were shipped via courier to CalScience Laboratory in Garden Grove, California. All samples were analyzed utilizing United States Environmental Protection Agency Standard Method TO-15. The results of these tests are contained in Appendix D.

January 5, 2005

This sampling effort evaluated the indoor air under ventilated conditions. Indoor air samples were collected on January 5th 2005 from 49 different locations at the subject property (no duplicates were collected this time). As contrasted to the September 4, 2004 sampling event, the rooms were ventilated via forced air (heated air). The sampling locations included the following:

- Library, PRC Office, and Auditorium;
- The Front Office, Principals Office, Staff Room, Student Support Room, Nurses Office, and Psychology Office;
- Kindergarten Rooms 01 and 02;
- Classrooms 03-18 with slab on grade;
- Classrooms 19-33 with no slab, and
- 7 restrooms.

Indoor air samples were collected by placing 1 liter Summa canisters in each location. Each evacuated canister collected air over an 8 hour period. The canisters were transported via courier to CalScience Laboratory in Garden Grove, California. All samples were analyzed utilizing United States Environmental Protection Agency Standard Method TO-15 (Appendix E).

February 11 and 12, 2005

Indoor air samples were collected on February 11th and 12th, 2005 from classrooms 3, 15, and 16 (no duplicates were collected). The TCE concentrations in classrooms 3, 15 and 16 during the September 2004 event were 5.2, 5.4 and 7.6 ug/m³, respectively. These three rooms were selected because the highest TCE concentrations were recorded in these rooms during the September 2004 sampling event (no ventilation). The intent of this sampling event was to collect indoor air samples in rooms with the highest TCE concentrations from the September sampling 2004 event under no ventilation and ventilated conditions. Indoor air samples on February 11th and 12th were collected by placing 6 liter Summa canisters in each room that were evacuated prior to use, and

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leaving them in place for 8 hours. The canisters were transported via courier to Calscience Laboratory in Garden Grove, California. All samples were analyzed utilizing United States Environmental Protection Agency Standard Method TO-15 in the SIM acquisition mode for TCE and PCE. The laboratory reports from this sampling event are contained in Appendix F.

On February 11, 2005, the three classrooms were sampled in the absence of any ventilation over an 8 hour period. TCE was detected in rooms 3, 15 and 16 at concentrations of 0.93, 2.7 and 1.5 $\mu\text{g}/\text{m}^3$, respectively. On February 12, 2005, the same classrooms were sampled in the presence of ventilation. TCE was detected at concentrations of 0.28, 0.78 and 0.55 $\mu\text{g}/\text{m}^3$ for rooms 3, 15 and 16, respectively.

Regulatory Limits for TCE

Based on an analysis of the volatile organic compounds found in soil vapor and air samples during this investigation, as discussed in more detail below, trichloroethylene (TCE) appeared to be the target compound of concern.

Several guidance documents set forth indoor air "acceptable" levels for TCE. Each of these levels only qualifies as a screening level, and not a firm "acceptable" level. First, EPA has set forth a Cal-modified preliminary remediation goal (PRG) of 0.96 $\mu\text{g}/\text{m}^3$ for TCE within indoor air.³ Exposure to this level, under the scenario presumed by the standard, corresponds to an excess lifetime cancer risk of one-in-a-million (10^{-6}).⁴ Generally, this standard assumes a residential exposure scenario of 30 years. It assumes that, for the first seven years, a 15 kg child is exposed and, for the remaining 23 years, a 70 kg adult is exposed.⁵

Second, in addition to the Cal-modified PRG, the EPA has also set forth a non-modified PRG (hereafter the EPA PRG) for TCE in indoor air. This EPA PRG, of 0.017 $\mu\text{g}/\text{m}^3$ is considerably lower than the Cal-modified PRG.⁶ The EPA PRG relies on the same exposure assumption as the modified PRG, but it utilizes a different, more stringent, toxicity factor.⁷ The resulting EPA PRG is based on US EPA's "external review draft" of TCE risks, published in 2001.⁸ The EPA PRG remains as a non-final "provisional

³ See United States Environmental Protection Agency, Region 9 Preliminary Remediation Goals (available at <http://www.epa.gov/region09/waste/sfund/prg/index.htm>).

⁴ See United States Environmental Protection Agency, User's Guide and Background Technical Document for USEPA Region's Preliminary Remediation Goals (PRG) Table, pg. 5 (available at <http://www.epa.gov/region09/waste/sfund/prg/files/04usersguide.pdf>).

⁵ Personal conversation between Michael Sowinski, DPRA and Stan Smucker, USPEA Region 09 (May 16, 2005).

⁶ See United States Environmental Protection Agency, Region 9 Preliminary Remediation Goals (available at <http://www.epa.gov/region09/waste/sfund/prg/index.htm>).

⁷ See California Environmental Protection Agency, Use of California Human Health Screening Levels (CHSSLs) in Evaluation of Contaminated Properties, Appendix 2 (Jan. 2005) (discussing the use of California toxicity factors).

⁸ See USEPA, Trichloroethylene Health Risk Assessment: Synthesis and Characterization (External Review Draft), EPA/600/P-01/002A (2001).

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standard.⁹ TCE health risks remain currently under review by the National Academy of Sciences.¹⁰ California does not utilize the EPA toxicity factor and, in turn, does not utilize the EPA PRG. California, as the name implies, relies on the Cal-modified PRG of 0.96 ug/m³ for TCE within indoor air.

Third, the California EPA, acting through the Office of Environmental Health Hazard Assessment, has recently set forth a screening level of 1.22 ug/m³ for TCE within indoor air.¹¹ Exposure to this level, under the scenario presumed by the standard, corresponds to an excess lifetime cancer risk of one-in-a-million (10⁻⁶). Like the Cal-modified PRG, this standard presumes a 30-year residential exposure scenario.¹²

Finally, the California EPA, acting through OEHHA, has set forth a screening level of 2.04 ug/m³ for TCE within indoor air, under a commercial/industrial setting.¹³ Exposure to this level, under the scenario presumed by the standard, corresponds to an excess lifetime cancer risk of one-in-a-million (10⁻⁶). This standard presumes a 25-year adult exposure, with 250 days per year of exposure.

None of these screening levels specifically contemplate the case where school children would be exposed during school hours, and during the years when they would attend school. For a kindergarten through sixth grade school scenario, students attend the classroom for an estimated 160 days per year, for an estimated 8 hours per day, and for 7 years (elementary grades K-6). Given the lower exposure time contemplated by the above-described standards, the TCE level would be higher under the school scenario. Calculating a precise school-specific indoor air risk level would, however, require a detailed risk assessment and, given the toxicological complexities when considering children, such an effort would likely require significant effort.

Even though the school scenario might actually allow for a higher exposure, the lowest published California level, the Cal-modified PRG of 0.96 ug/m³, seems best suited for screening as an "acceptable" indoor air level for the Magnolia Elementary School. This level assumes seven years of child exposure and, in turn, 23 additional years of adult exposure. It seems reasonable that environmental regulators would conclude that this standard sets forth a conservative TCE exposure standard under the K-6 school scenario.

⁹ Personal conversation between Michael Sowinski, DPRA and Stan Smucker, USPEA Region 09 (May 16, 2005).

¹⁰ See <http://www4.nas.edu/webcr.nsf/ProjectScopeDisplay/BEST-K-03-06-A> (providing an overview of the NAS TCE risk assessment efforts).

¹¹ California Environmental Protection Agency, Table 2, California Human Health Screening Levels for Indoor Air and Soil Gas. In: Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties (Jan. 2005).

¹² California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Human-Exposure-Based Screening Numbers Developed to Aid Estimation of Cleanup Costs for Contaminated Soil, pg. 7 (Jan. 2005).

¹³ California Environmental Protection Agency, Table 2, California Human Health Screening Levels for Indoor Air and Soil Gas. In: Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties (Jan. 2005).

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Discussion of Results

TCE is present in the underlying groundwater at the school and in some soil vapor samples. TCE was also detected in indoor air in school rooms. These sampling results, when viewed as a whole, suggest that TCE contamination exist most prominently within classrooms 3, 15, and 16. In unventilated conditions, the sampling efforts detected TCE at levels above the Cal-modified PRG. Table 1 summarizes TCE detections within the indoor air of classrooms 3, 15, and 16.

TABLE 1. TCE DETECTIONS WITHIN THE INDOOR AIR OF CLASSROOMS 3, 15, AND 16

Classroom	Sampling Results (ug/m ³)					Cal-Modified PRG
	Sept. 2004	Oct. 2004	Jan. 2005	Feb. 2005		
	non-ventilated	non-ventilated	ventilated	ventilated	non-ventilated	
3	5.2	< 2	Non-detect	0.28	0.93	0.96 ug/m ³
15	5.4	3.5 J	Non-detect	0.78	2.7	
16	7.6	3.7 J	Non-detect	0.55	1.5	

The July and August 2004 sampling events were performed to determine whether TCE was present in the soil vapor under the school, and in the crawl spaces under temporary buildings. No significant concentrations of volatile organic compounds were detected in the crawl spaces of the temporary buildings. TCE was present in various soil vapor probe locations which, in turn, informed subsequent testing.

The intent of the September 2004 sampling was to simulate a worst case situation and, in turn, to identify a worst-case baseline concentrations in summer conditions, relative to the accumulation of TCE in 54 unventilated classrooms (no open windows, no opening of doors, no movement in the rooms) over an 8 hour time period. The results of this sampling indicated the presence of TCE in six rooms (3, 8, 9, 15, 16 and RR) with concentrations in these rooms ranging from 4.0 J to 7.7 ug/m³. The designation "J" flag next to a reported value refers to the observation that the chemical was detected below the reporting limit and above the laboratory method detection limit. The associated reported concentration is an estimated value.

Given the quantified concentrations of TCE in rooms 3 (5.2 ug/m³), 15 (5.4 ug/m³) and 16 (7.6 ug/m³) (i.e., non J flag values), these rooms were retested in October 2004 under unventilated conditions to confirm the results from the September data. TCE was again detected but at lower concentrations in rooms 3 (<2 ug/m³), 15 (3.5 ug/m³ J), and 16 (3.7 ug/m³ J).

The January 5, 2005 sampling was designed to provide baseline conditions for 49 locations under ventilated conditions and during a winter month for comparison with the September and October 2004 sampling results. No TCE was detected in any of the rooms

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detected, including 1, 2, 4-trimethylbenzene and benzyl chloride that exceeded their respective, preliminary remediation goals, as summarized below:

- 1,2,4 – trimethylbenzene was detected in room 20 at 12 ug/m^3 which exceeds the EPA ambient air PRG of 6.2 ug/m^3 , and
- Benzyl chloride was detected only in room 17 at 8.6 ug/m^3 with a laboratory "J" flag but higher than its ambient air PRG of 0.04 ug/m^3 .

These compounds are most likely associated with cleaning materials used in the classrooms. The presence, distribution and concentration of these compounds are considered anomalous and their presence is not unusual when testing indoor air concentrations at low detection limits.

The February 2005 sampling was designed to evaluate the presence of TCE in rooms 3, 15 and 16 under ventilated and unventilated conditions using a more sensitive analytical technique that allowed detection limits of around $0.1\text{-}0.2 \text{ ug/m}^3$. The use of TO15 in SIM acquisition mode allowed only TCE to be analyzed as compared to previous test results which provide data for a variety of compounds. The February 2005 sampling was also designed to provide sampling of these three rooms in a winter setting.

When ventilated, none of these rooms exceeded the Cal-modified PRG of 0.96 ug/m^3 for TCE, the California EPA screening level of 1.22 ug/m^3 for TCE, or the California EPA OEHHA screening level of 2.04 ug/m^3 for TCE within indoor air.

Conclusions

Based on the sampling conducted to date, TCE exists within the indoor air of some of the classrooms at the Magnolia Elementary School.

TCE detections appear most prominent within classrooms 3, 15, and 16. Under unventilated conditions, TCE detections occurred, within these classrooms, above the Cal-modified PRG of 0.96 ug/m^3 . When sampled under unventilated conditions, three additional rooms (8, 9 and the RR), detected TCE at concentrations above the Cal-modified PRG when sampled during summer and winter months. Since only estimated values were detected within these rooms, additional sampling efforts focused on classrooms 3, 15 and 16. Under ventilated conditions, classrooms 3, 15, and 16 detected TCE at concentrations below the Cal-modified PRG of 0.96 ug/m^3 .

Recommendations

DPRA recommends that the Cajon Valley Union School District perform indoor air sampling of the rooms at the Magnolia Elementary School using EPA Method TO15 SIM for trichloroethylene twice a calendar year. The sampling should be performed under ventilated conditions over an 8 hour period with one sampling in a summer and winter

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month. This sampling scheme should proceed until there is no longer any TCE present above detectable levels in the groundwater underlying the school property.

If concentrations of TCE in the ventilated indoor air of classrooms exceed risk based values (relative to the point in time that the samples are collected) for two consecutive sampling events, the school district should consider the installation of passive remediation devices to vent TCE impacted soil vapor accumulating under the affected rooms. Of note is that risk based values for volatile organic compounds such as TCE are changing and should be consulted to evaluate their impact on measured indoor air values for TCE.

DPRA recommends that forced ventilation be operated continuously during occupancy of all rooms by student and personnel.

Please call me if you have any questions about the information contained in this letter report.

Sincerely yours,

A handwritten signature in cursive script that reads "Robert Morrison".

Robert Morrison
Soil Physicist

FIG. 1 SAMPLE LOCATION MAP
MAGNOLIA ELEMENTARY EL
CAJON, CA
July 26-27, 2004

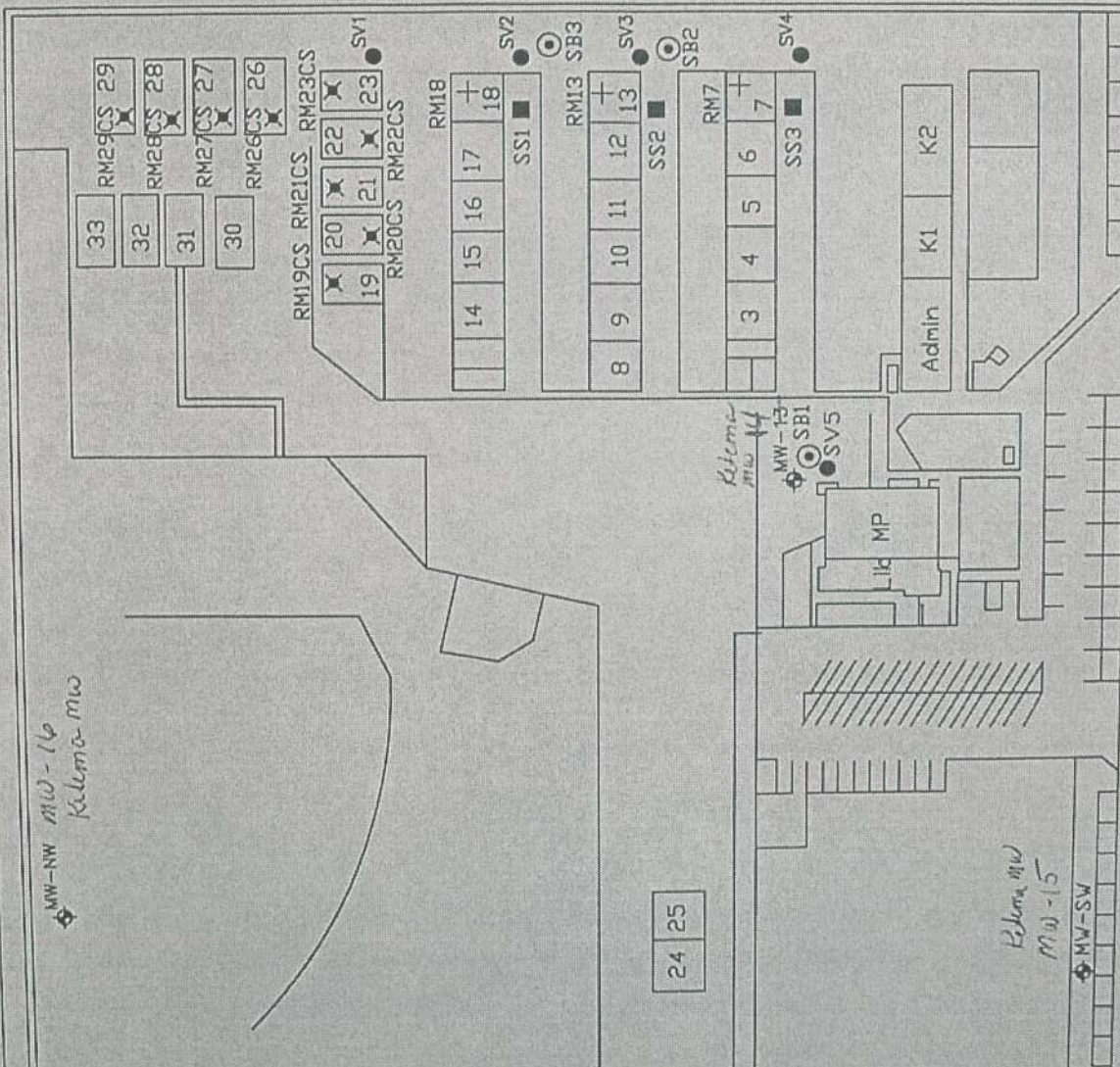
LEGEND

✕	CRAWLSPACE
⊕	MONITORING WELL
⊙	SOIL BORING
+	INDOOR AIR
■	SUBSLAB
●	VAPOR WELL

DRAFT
CONFIDENTIAL
08/13/04



MAP NOT DRAWN TO SCALE





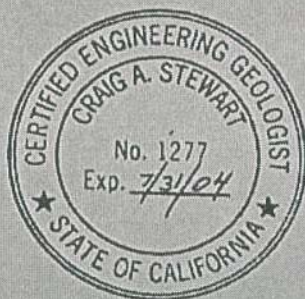
**2003 ANNUAL GROUNDWATER
MONITORING REPORT**

Former Ketema A&E Site
El Cajon, California

January 26, 2004
Project 8710.004

This report was prepared by the staff of Geomatrix Consultants, Inc., under the supervision of the Engineer(s) and/or Geologist(s) whose seal(s) and signature(s) appear hereon.

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Peter Bennett
Senior Geologist

Craig Stewart, R.G., C.E.G., C.H.G.
Principal Hydrogeologist

2004 JAN 27 A 9:55



2003 Annual Groundwater Monitoring Report

Former Ketema A&E Site
El Cajon, California

Prepared for:

Wactor & Wick LLP

Prepared by:

Geomatrix Consultants, Inc.
2101 Webster Street, 12th Floor
Oakland, California 94612
(510) 663-4100

January 2004

Project No. 8710.004

Geomatrix Consultants

2.0 SITE HISTORY AND BACKGROUND

The site has been operated as an aerospace and electronics manufacturing facility since the late 1940s. Historical site activities involved the use of chlorinated solvents which resulted in the contamination of soil and groundwater with VOCs; primarily trichloroethene (TCE), 1,1,1-trichloroethane (1,1,1-TCA) and its breakdown product 1,1-dichloroethene (1,1-DCE), tetrachloroethene (PCE), benzene, and toluene. 1,4-dioxane, a solvent stabilizing compound associated with 1,1,1-TCA and TCE, has also been detected in onsite and offsite wells. The concentration of VOCs is highest near the location of a former sump, which received rinse water containing solvents. Of these VOCs, TCE is found in groundwater samples collected farthest downgradient of the site. The sump and approximately 190 cubic yards of soil, estimated to contain over 10,000 pounds of solvent waste (as reported in the Order), were removed in late 1987.

Groundwater investigations were initiated at the site in 1988. To date, 34 monitoring wells have been installed for the monitoring program (MW-1 to 23, MW-24A and 24B, MW-25, and MW-101A, 101B, 102A, 102B, 103A, 103B, 104A, and 104B). Seven of these wells were destroyed (MW-1, 2, 3, 4, 5, 8, and 12) to allow for expansion of the Senior Flexonics facility (Jones, 2002). The most recent groundwater monitoring report was completed in the fall of 2002 (Jones, 2002). Geomatrix conducted additional groundwater delineation in the spring of 2003 in response to the Order; this delineation involved advancing twelve CPT borings in the area west of Highway 67 and collecting eleven grab groundwater samples. In addition, three new monitoring wells (MW-24A, 24B, and 25) were installed and sampled in March 2003. The results of this work are summarized in the report entitled: Delineation of Halogenated Volatile Organic Compounds in Groundwater, submitted by Geomatrix on April 30, 2003. The existing monitoring well network comprises 27 site-related monitoring wells and Thrifty Oil MW-12 well and extends approximately 6,000 feet downgradient (northwest) of the site western property boundary.

2.1 TOPOGRAPHY AND LAND USE

The Site is located in the El Cajon Valley, which is situated between the coastal plain and the Southern California Batholith (Jennings, 1977). The elevation of the valley floor ranges from approximately 350 feet above mean sea level (msl) at the northwest corner of the valley, at the San Diego River, to approximately 500 feet msl at the southeast end of the valley (U.S.G.S., 1975). A large portion of the valley is covered by the cities of El Cajon and Santee.

The former Ketema A&E facility is located in an area of mixed residential and commercial land use. State Highway 67 trends north-south approximately 2,200 feet west of the facility. The area between the facility and Highway 67 contains residential and commercial developments; associated ground surface conditions include buildings, pavement, and landscaped areas. Storm drain systems have been installed for drainage of surface water in this area. Land use west of Highway 67 is primarily industrial and commercial. Many older industrial buildings are present north of Bradley Avenue and west of Highway 67. Ground surface is unpaved in many parts of this area. The County of San Diego Gillespie Field Airport (Figure 1) covers a large area west of Highway 67, and leases smaller parcels of land to the El Cajon Speedway, a driving range (GolfSport), and various industrial entities.

2.2 GEOLOGIC SETTING

The hills that surround the valley are composed mainly of Mesozoic granitic rocks. Pre-Cretaceous metamorphic rocks and Eocene non-marine sedimentary rocks (such as the Stadium Conglomerate and Friars Formation) overlie the batholith along the east and west side of the valley, respectively (Strand, 1962; Gastil and Higley, 1977). Quaternary alluvial deposits (Qal) cover the valley floor, rendering a relatively flat topography (Gastil and Higley, 1977; Strand, 1962). These deposits are primarily poorly consolidated stream deposits of silt, sand, and gravel to cobble-sized particles derived from nearby bedrock sources. The thickness of Qal is highly variable, due to the irregular configuration of the underlying granitic basement. The uppermost part of granitic bedrock is highly weathered and is referred to as Decomposed Granite (DG). Granitic basement rocks are exposed along the east side of the valley floor (Strand, 1962), including an outcrop along the northern side of the Ketema facility (Figure 1). A northwest trending concealed fault has been mapped along the central axis of the valley (Strand, 1962).

2.3 HYDROGEOLOGIC SETTING AND WATER USE

The Qal and the DG comprise the shallow water-bearing units in the area. Depth to groundwater ranges from approximately 10 to 15 feet below ground surface in the site vicinity. The direction of groundwater flow is generally toward the center of the valley away from the surrounding hills. From the center of the valley, groundwater flows to the northwest, toward the San Diego River. Localized groundwater flow patterns may be influenced by the irregular configuration of the granitic bedrock underlying the Qal and DG aquifer system, as well as man made features such as Highway 67 and Gillespie Field. Forester Creek is the prominent surface water feature in the valley. The creek and its unnamed tributaries exist as lined and unlined



1,4-Dioxane was detected in five samples collected from nine monitoring wells during the March and September 2002 groundwater monitoring events. The results suggested that 1,4-dioxane was present onsite and in downgradient wells, but not in perimeter monitoring wells. However, recent results from the 2003 CPT and grab-groundwater sampling program conducted by Geomatrix suggested that the distribution of 1,4-dioxane west of highway 67 was different from that of TCE, where 1,4-dioxane was reported in six of the eight samples analyzed, but the highest concentration of 1,4-dioxane was reported for a sample collected approximately 1000 feet south and cross-gradient of the nearest TCE detection (Geomatrix, 2003).

Shallow groundwater reportedly is high in total dissolved solids (greater than 1,000 mg/L in some wells), and nitrate, sulfate, iron and manganese concentrations in the uppermost aquifer exceed water quality standards; the shallow aquifer is therefore unfit for use as a drinking water source (Jones, 1998). Redox conditions are expected to vary from aerobic to nitrate reducing, based on groundwater chemistry data reported in Jones (1998).

3.0 FIELD AND ANALYTICAL METHODS

Geomatrix's subcontractor, Terra Services performed water level monitoring and groundwater sampling between November 12 and 18, 2003. This sampling event included measuring water levels and collecting groundwater samples from 13 onsite monitoring wells and 15 offsite monitoring wells. Well sampling records are provided in Appendix B. The locations of the wells are shown on Figure 2. Selected monitoring wells were re-sampled on December 22, 2003 after Geomatrix reviewed the field records, laboratory results, and quality assurance/quality control data from the November sampling, and identified a potential that low concentrations of PCE reported in samples from wells located west of highway 67 may have been the result of sample contamination (as described in Section 4.2.4).

3.1 WATER LEVELS

Water levels were measured using an electronic sounder and recorded to the nearest 0.01 foot. The water-level data are summarized in Table 1.

3.2 GROUNDWATER SAMPLING

Two sampling events were completed: the primary sampling event between November 12 and 18, 2003 and a re-sample event in December 22, 2003. The same sampling methods were followed for both events and are described below.

A minimum of three casing volumes were purged from the monitoring wells using an electrical submersible pump operated at flow rates ranging from 0.50 to 1.25 gallons per minute (GPM). Monitoring wells MW-101A, MW-101B, MW-102A, MW-102B, and MW-103A were purged dry before three casing volumes could be removed. The pump was decontaminated between each sampling location. Field parameters (temperature, pH, electrical conductivity, turbidity, and ORP) were monitored during purging using a multi-parameter meter connected to a flow-through cell. Groundwater samples were collected using disposable bailers connected to new string following purging of the wells. The samples were gently decanted from the bailer directly into clean laboratory-supplied sample bottles, which were labeled and stored in an ice-cooled, insulated chest for transport to the laboratory. Groundwater samples were delivered under chain-of-custody procedures to Del Mar Analytical Laboratory of Irvine, California for analysis of VOCs (EPA Method 5030/8260B) and 1,4-dioxane (modified EPA Method 8260B). Copies of the laboratory reports and the chain-of-custody records are included in Appendix C.

3.3 INVESTIGATION-DERIVED WASTE

Well purge water from the groundwater sampling activities was transferred to labeled 55-gallon drums for temporary onsite storage pending off-site disposal. Terra Services Inc. used the groundwater analytical results to arrange for proper disposal of the drums on behalf of S & K.

4.0 RESULTS

Water-level elevations and field parameters are provided in Table 1; historical water level information is summarized in Appendix D of this report. Groundwater sampling results are provided in Table 2; historical analytical data are included as Appendix E to this report. Updated plots of TCE (and PCE for MW-13) and water levels for wells MW-10, MW-13, MW-16, MW-18, MW-20, and MW-22 are included as Appendix F to this report.

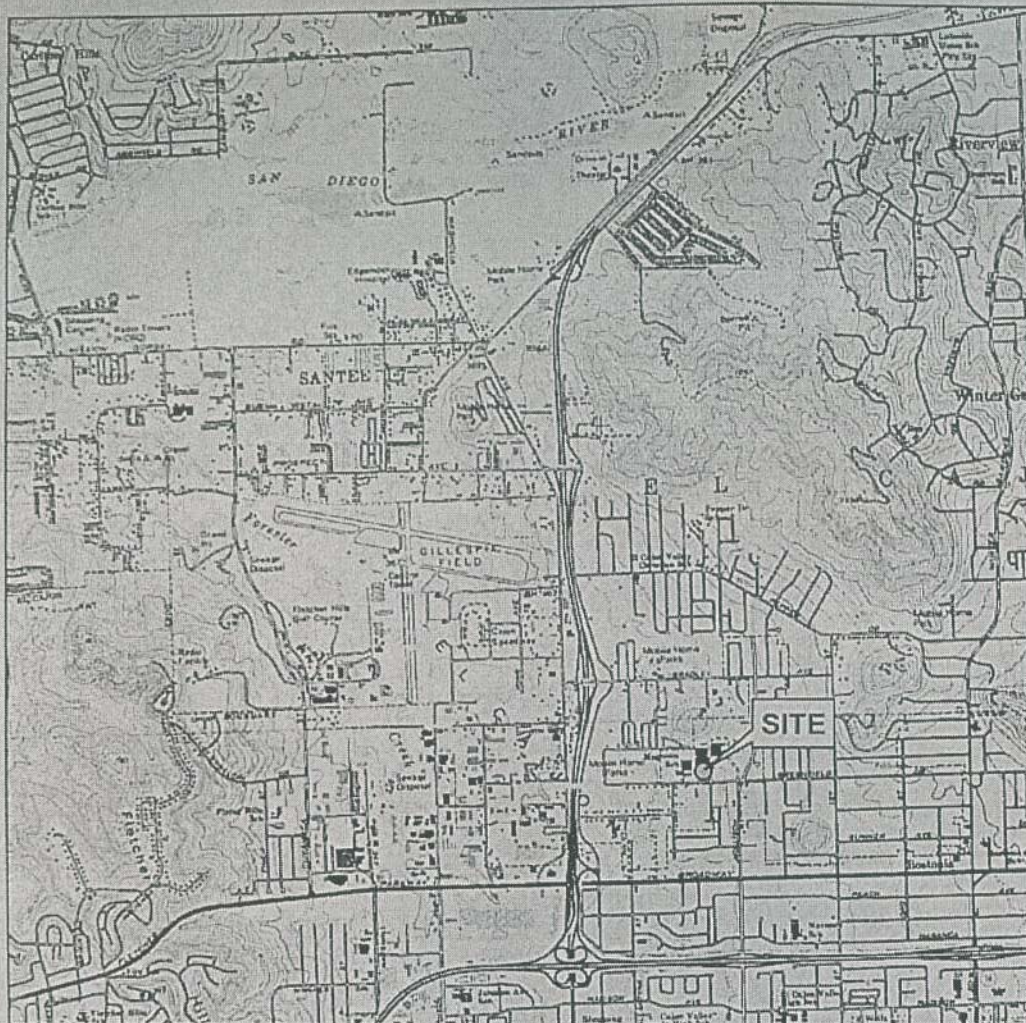
4.1 WATER LEVELS

Figure 2 presents the potentiometric surface map based on the November 2003 water levels. As shown on Figure 2, groundwater flow is toward the northwest, which is generally consistent with previous measurements. The calculated hydraulic gradient was approximately 0.016 between the site western boundary (MW-13) and MW-18; the gradient was flatter (approximately 0.006) west of Highway 67, between MW-12 and MW-24A. Water levels were similar to those reported for 2002 and within their historical range, although slightly higher than the September 2002 results because water levels were collected later in the year (i.e., in mid-November 2003; Appendixes D and F).

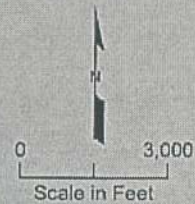
5.0 SUMMARY OF RESULTS

The results of the 2003 monitoring event include:

- In general, groundwater elevations remain within historical ranges (where sufficient data exists), and hydraulic gradients remain northwestward.
- Recently installed monitoring wells MW-24A, MW-24B, and MW-25 have provided additional information on the hydraulic gradient west of Highway 67. The hydraulic gradient is flatter in the area west of Highway 67 compared with gradients calculated for the area closer to the site.
- The addition of Thrifty Oil Well MW-12 to the monitoring network has provided additional delineation between MW-20 and MW-22, resulting in a slightly revised interpretation of the area of affected groundwater in the vicinity of Highway 67. Data from this well suggest that the concentration of TCE in this area is less than previously interpreted.
- Relatively low concentrations of TCE were detected in perimeter wells located along Joe Crosson Drive (MW-24A and MW-24B), and in MW-23 on Gillespie Field property; PCE and trichlorofluoromethane also were detected in wells MW-24B and MW-23, respectively. PCE and trichlorofluoromethane were not reported in samples collected from upgradient wells MW-22, MW-20, Thrifty Oil MW-12 and MW-18. These VOCs do not appear to be related to the Ketema site.
- Other than noted above, the concentrations of TCE reported for the 2003 samples both onsite and downgradient and central to the affected area of groundwater are generally within historical ranges or have decreased since the previous sampling event. TCE concentrations have shown large fluctuations over time at MW-10. The 2003 TCE concentrations are approximately 22% of the historical maximum (reported for the April 1993 sample from MW-10). The sample from MW-16 had the lowest reported TCE concentration to date at that location. TCE concentrations at MW-16 have generally decreased since this well was installed in 1996, where the 2003 concentration is approximately 42% of historical maximum concentration for TCE reported in 1996 at MW-16. At other locations farther downgradient (MW-18, MW-20 and MW-22), TCE concentrations have fluctuated within a relatively narrow range.



Base map from U.S.G.S. 7.5' El Cajon, California topographic quadrangle, revised 1975.



SITE LOCATION MAP
Former Kelama A&E Site
El Cajon, California

Project No.
8710.004

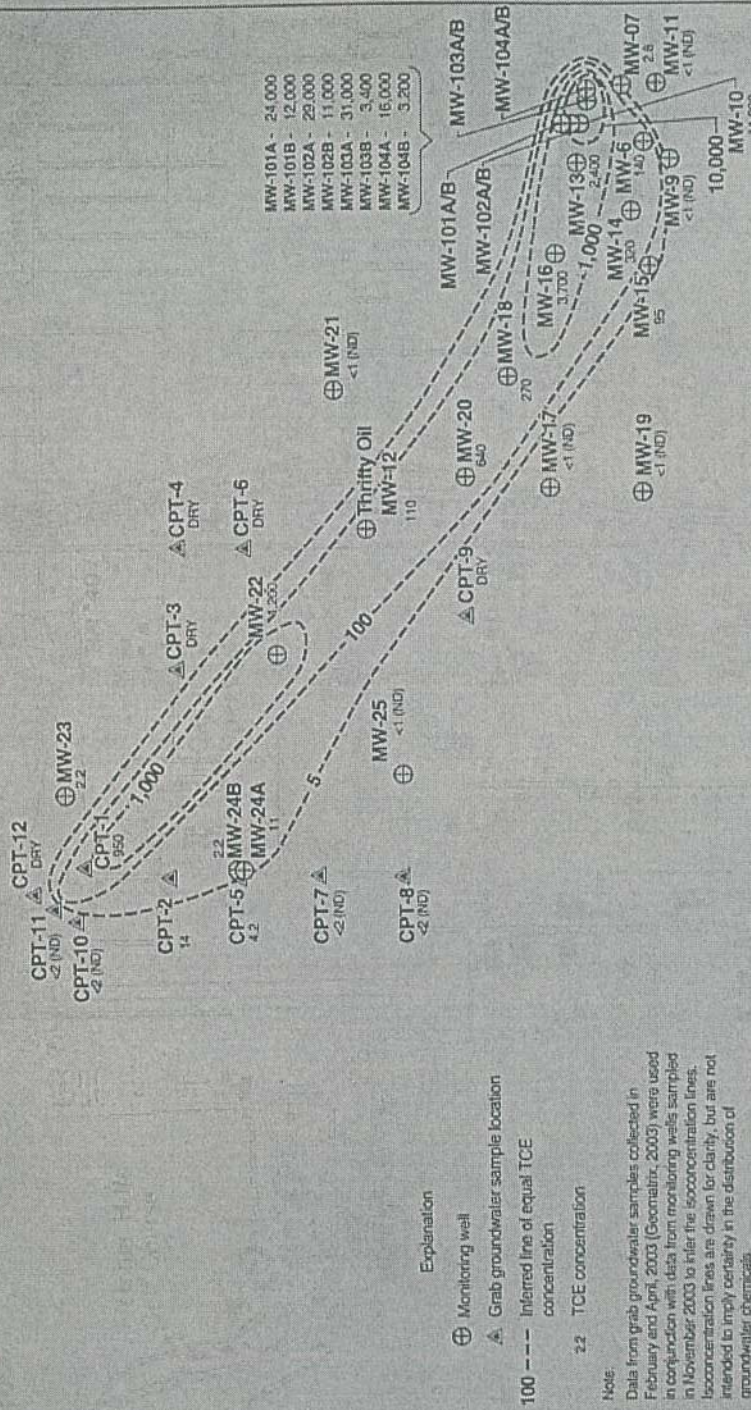
Figure
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TCE CONCENTRATIONS
2003 Annual Groundwater Monitoring
Former Kelena Site
El Cajon, California



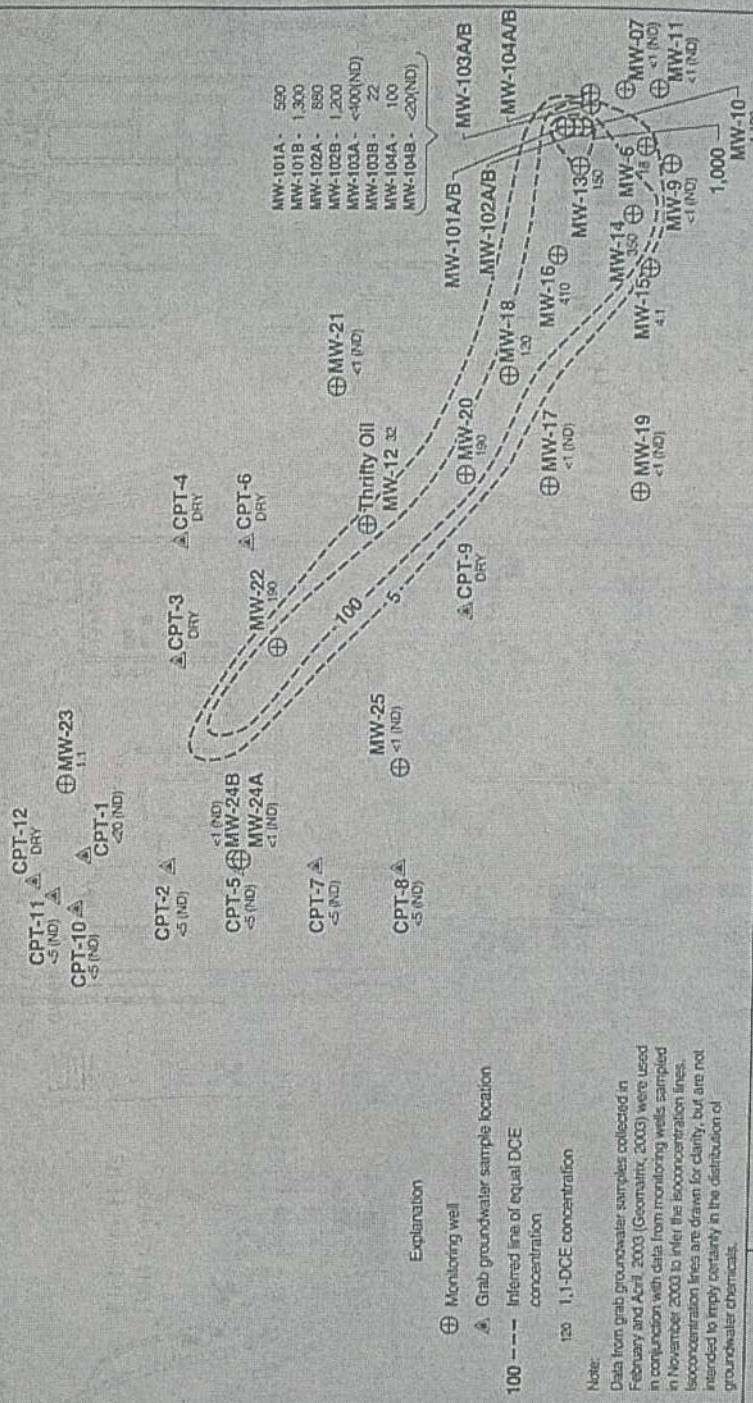
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Figure
3

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1,1-DCE CONCENTRATIONS
2003 Annual Groundwater Monitoring
Former Kelama Site
El Cajon, California

Project No.
8710.004

Figure
4



Note:
Data from grab groundwater samples collected in February and April, 2003 (Geomatrix, 2003) were used in conjunction with data from monitoring wells sampled in November, 2003 to infer the 1,1-DCE concentration lines. Isoconcentration lines are drawn for clarity, but are not intended to imply certainty in the distribution of groundwater chemicals.

