PHASE I ENVIRONMENTAL SITE ASSESSMENT
OF

VACANT LOT
CORNER OF SUNOL BOULEVARD
AND JUNIPERO STREET
PLEASANTON, CALIFORNIA

ATC PROJECT NO. 75.92096.0012

OCTOBER 26, 2001

Prepared by:

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Attn.: Mr. Alex Pedersen

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1.0 CERTIFICATION AND RELIANCE

ATC Associates Inc. (ATC) has performed a Phase I Environmental Site Assessment (ESA) of the vacant lot located at the corner of Sunol Boulevard and Junipero Street in Pleasanton, California (Site). Ms. Kelley O'Rourke, Staff Scientist of ATC, conducted the Site visit on August 31, 2001. The ESA included public environmental agency and historical record reviews, Site observations, and report preparation. The scope of the ESA was consistent with the ASTM Practice E 1527-00. This report includes ATC's findings, conclusions, recommendations and supporting documentation.

This report is for the use and benefit of, and may be relied upon by, TRI Capital Corporation or any of their affiliates, and third parties authorized by TRI Capital Corporation, including the lender(s) in connection with a secured financing of the property, and their respective successors and assigns. Any third party agrees by accepting this report that any use or reliance on this report shall be limited by the exceptions and limitations in the report, the terms and conditions of the project contract with TRI Capital Corporation with the exception of the limit of liability, and with the acknowledgment that actual site conditions may change with time, and that hidden conditions may exist at the Site that were not discoverable within the authorized scope of the assessment.

Regardless of the findings stated in this report, ATC is not responsible for consequences or conditions arising from facts that were concealed, withheld, or not fully disclosed at the time the assessment was conducted. ATC makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either express or implied.

ATC's liability to any third party authorized to use or rely on this report with respect to any acts or omissions shall be limited to a maximum of $50,000 per site. In the event that an authorized third party does not wish to limit ATC's liability to this sum, ATC will waive this limitation up to $1,000,000 provided that the authorized third party agrees in writing prior to receiving a copy of this report to pay for this waiver an additional consideration of 10 percent of ATC's total fee for the report or $500, whichever is greater. It is the express intention of the parties that the payment of this sum be a Waiver of Limitation of Liability Charge and shall not be construed as being a charge for insurance of any type, but will be increased consideration for the greater risk involved.

ATC ASSOCIATES INC.

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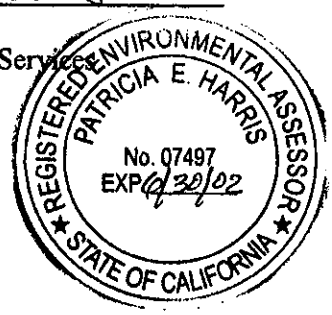


2.0 EXECUTIVE SUMMARY

At the request of Mr. Alex Pedersen of TRI Capital Corporation, ATC performed a Phase I ESA of a vacant lot located at the northwest corner of Sunol Boulevard and Junipero Street in Pleasanton (hereinafter referred to as the Site). The Site is located in an area that is primarily characterized by residential and commercial use. The Site is designated by the city of Pleasanton Assessor's Office as having the Assessor's Parcel Number 947-3-2. The Site is a 3.7-acre lot that is currently graded with no structures or trees located on the property. A small debris pile is located in the northwestern corner of the Site. Historically, the Site was a part of a larger lot (5335 Sunol Boulevard) that was used as the Pleasanton City Corporation Yard from 1978 to 1991 and as a sewage disposal facility from 1957 to 1986. In the early 1990s, the parcel was divided into two separate lots; the northern lot is currently a senior center, and the southern lot is currently vacant (the Site).

The main objective of the ESA was to identify the presence or likely presence, use, or release on the Site of hazardous substances or petroleum products such as is defined in ASTM E 1527-00 as a *recognized environmental condition*. The ESA included a review of environmental agency databases, previous reports and historical documents; visual observation of the Site and neighboring properties; and interviews with selected Site representatives. A summary of the findings and conclusions are listed below.

Adjacent Properties

- The properties adjacent to the Site include a senior center to the north (5353 Sunol Boulevard), a commercial center containing a grocery store, bank and small businesses to the east (5420 Sunol Boulevard), a lumber/hardware company to the south (5505 Sunol Boulevard), and railroad tracks and a residential community to the west.

Historical Use Research

- Based on the historical resources reviewed and interviews conducted for this assessment, the Site has been vacant since the early 1990s. The Site was previously part of a larger parcel (5335 Sunol Boulevard) that was used as the Pleasanton City Corporation Yard and as a sewage disposal facility. From 1957 to 1986, the Site was used as a sewage disposal facility, and from 1978 to 1991, was combined with the Pleasanton City Corporation Yard. See the discussion under Regulatory Review for further information. Therefore, the former use of the property as the Pleasanton City Corporation Yard and sewage disposal facility represents a *recognized environmental condition* for the Site.

Regulatory Review

- Based on the information included in the regulatory database report provided by Environmental Data Resources, Inc. (EDR) of Southport, Connecticut, the Site and adjacent properties were listed on the regulatory database. File reviews were conducted at the Regional Water Quality Control Board (RWQCB), the city of Pleasanton Public Works Department (PPWD) and the Livermore – Pleasanton Fire Department (LPFD) to determine whether the facilities identified in the EDR database report are expected to pose an environmental concern for the Site. No files were available for review at the Alameda County Environmental Health Department (ACEHD).

File reviews indicated that five underground storage tanks (USTs) were previously located at the Pleasanton City Corporation Yard (5335 Sunol Boulevard). This property was identified as a leaking underground storage tank (LUST) site. Annual monitoring reports from 1990 and 1996 indicate that, among other things, soil and groundwater samples were gathered and analyzed for total petroleum hydrocarbons as gasoline (TPH-g), and as diesel (TPH-d), and benzene, toluene, ethylbenzene and total xylenes (BTEX). According to the groundwater monitoring report (Smith) dated January 8, 1996, a tank excavation assessment in 1991 "included the removal of the five steel USTs and the associated piping and the excavation of petroleum hydrocarbon contaminated soil. During removal of the USTs, soil contaminated with petroleum hydrocarbons was encountered and excavated. The excavated soil was placed into two stockpiles to keep clean and impacted soil separated. Soil and groundwater samples were collected for analysis from the UST excavation." The RWQCB issued a case closure summary on June 13, 1995. However, groundwater samples were not analyzed for methyl tertiary butyl ether (MTBE) during the monitoring program; therefore, the former tanks are considered an environmental concern to the Site.

The Site historically contained two large aeration ponds. According to Mr. George Farrell, a representative of the PPWD, industrial waste was processed at the Site and was later disposed at a San Francisco property. No information was available to ATC from the RWQCB, ACEHD, or LPFD regarding the installation, use, and closure of the aeration ponds. Additionally, the file reviews with the city of Pleasanton indicated that two soil borings and one groundwater monitoring well were located within the Site boundaries. However, no information concerning the results from sampling events was observed in the files reviewed at the regulatory agencies. Based on the historical use of the Site, the limited number of soil and groundwater samples collected on the Site, and the lack of analytical results for the Site, this is considered to represent a *recognized environmental condition* for the Site.

do they have reason to think other tanks present?

Hazardous Substance Storage/Handling

- No hazardous materials/substances were observed on the Site during the Site visit conducted on August 31, 2001. The only materials observed on the Site appeared to be debris consisting of dirt, concrete rubble and scraps of metal located in a small pile along the northwestern corner of the Site.

Waste Generation, Storage and Disposal

- No municipal waste storage and disposal facilities (i.e. trash dumpsters) are located on the Site, as the Site is currently a vacant lot.

Storage Tanks

- Evidence or records of current or previous aboveground storage tanks (ASTs) and USTs were not identified at the Site. However, the adjacent property to the north reportedly had five USTs located on the property. The adjacent property was once part of the parcel shared by the Site and was used as the Pleasanton City Corporation Yard. The corporation yard is listed as a LUST facility on the EDR database. According to a file review conducted at the LPFD, a case closure summary was issued on June 13, 1995. It was the opinion of the RWQCB that "based upon the available

does this mean there may be USTs on our portion of the SITE?

information and with the provision that the information provided to this agency was accurate and representative of the site conditions, no further action related to the underground tank release is required." However, groundwater samples were not analyzed for MTBE during the monitoring program; therefore, the former tanks are considered an environmental concern to the Site.

Polychlorinated Biphenyls (PCBs)

- During the Site visit, suspect PCB-containing equipment, including transformers, fluorescent light ballasts, and elevators, was not observed on the Site.

3.0 RECOMMENDATIONS

Based upon the historical use of the Site and information obtained in this ESA at the file reviews conducted at the RWQCB, the city of Pleasanton and the LPFD, ATC recommends that a limited subsurface investigation be preformed at the Site.

Why?

4.0 INTRODUCTION

This report summarizes the results of a Phase I ESA of a vacant lot located at the northwest corner of Sunol Boulevard and Junipero Street in Pleasanton, California (Site). Ms. Kelley O'Rourke, Staff Scientist of ATC, conducted the Site visit on August 31, 2001. The weather was warm and sunny on the day of the site visit. Figure 1 shows the Site's location (Appendix A), and Figure 2 is a map depicting the site and adjacent properties (Appendix B). Photographs of the Site and adjacent properties are included as Appendix C.

4.1 Purpose and Scope

The purpose of this report was to identify *recognized environmental conditions* and certain other potential environmental conditions, as they existed at the Site at the time of our inspection. This assessment was conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-00. The scope of work completed for this assessment included the following:

- Physical characteristics of the Site through a review of available topographic, geologic, wetland, flood plain and groundwater data.
- Site history through a review of reasonably ascertainable standard sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports and interviews.
- Current Site conditions including observations and interviews regarding the presence or absence of hazardous substances/petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or medical wastes; electrical equipment that utilizes oils which potentially contain polychlorinated biphenyls (PCBs); and storage tanks (above or below ground).
- Use of adjacent and nearby properties to identify the potential for environmental conditions (if present and/or suspected) to migrate onto the Site.
- An evaluation of information contained within federal and state environmental databases and other local environmental records, within specific search distances.

5.0 SITE DESCRIPTION

5.1 Site Location and Description

The Site is located on the northwest corner of Sunol Boulevard and Junipero Street (Appendix B). The Site is bounded by a senior center to the north, railroad tracks and a residential community to the west, a commercial property to the east, and a lumber/hardware company to the south. The Site is a 3.7-acre lot that is currently graded with no structures or trees. A small 8-foot by 7-foot debris pile is located on the northwestern corner of the Site. During the Site visit, the pile consisted of broken concrete and scrap metal mixed with dirt. Patches of dried grasses also covered the pile, as well as the remainder of the Site. There are currently no utilities provided. The Site is designated by the Alameda County Assessor's Office as having the Assessor's Parcel Number 947-3-2. A copy of the parcel map is included as Appendix D.

5.2 Physical Setting

5.2.1 Topography

Based on the United States Geological Survey, *7.5-Minute Series Topographic Map for the Dublin Quadrangle* (1961, photorevised 1980), the Site is approximately 360 feet above mean sea level (MSL) with a relatively flat topography. Storm water runoff from the Site is intercepted in storm water catch basins located along the abutting streets (Sunol Boulevard and Junipero Street). A copy of the portion of the topographic map covering the Site is included in Appendix A.

5.2.2 Geology

According to the *Geologic Map of the San Francisco-San Jose Quadrangle, California* (State of California Division of Mines and Geology, 1991), the underlying sediments at the Site are classified as alluvial lake, playa, and terrace deposit.

5.2.3 Soils

Based on information contained in the EDR database report, the soils underlying the site contain clay and silt loam.

5.2.4 Hydrology

Based on information obtained from the EDR database report (Aquiflow Database), groundwater was measured at a depth of more than approximately 6 feet below ground surface (bgs). The groundwater flow direction beneath the area of the groundwater measurement is listed in the Aquiflow Database as variable. The predominant groundwater flow direction in the area of the Site is inconsistent beyond one-half mile from the Site. According to a 1996 annual groundwater monitoring report for a facility located at 5555 Sunol Boulevard, approximately one-eighth mile from the Site, the depth to groundwater ranges from approximately 18 to 20 feet bgs and flow direction ranges from north to northwest.

The *National Wetland Inventory* map (1994) included in the EDR database report used for the regulatory record reviews (see Section 8.0) identifies designated wetland areas within a half-mile of the Site. The closest wetlands shown by EDR are located one-quarter mile west of the Site. No wetlands were shown as being on the Site. A copy of the wetland map was not available.

According to the Federal Emergency Management Agency (FEMA), *Flood Insurance Rate Map* (FIRM) (Community Panel #060012004D, dated September 19, 1984), the Site is located in Flood Zone C. Flood Zone C denotes areas of minimal flooding.

6.0 ADJACENT PROPERTIES

The general area of the Site consists of residential and commercial uses. The following identifies the adjacent property uses:

North – The Pleasanton Adult Care Center (5353 Sunol Boulevard) borders the Site to the north.

East – A commercial center containing a grocery store, bank and small businesses (5420 Sunol Boulevard) borders the Site to the east, across Sunol Boulevard.

South – A lumber/hardware company (5505 Sunol Boulevard) borders the Site to the south, across Junipero Street.

West – Railroad tracks followed by a residential community borders the Site to the west.

The adjacent property to the north (5353 Sunol Boulevard) was listed in the EDR database report. Further evaluations of the adjacent properties have been conducted and are discussed further in Sections 8.1 and 8.2.

7.0 HISTORICAL USE RESEARCH

7.1 Land Title Records

A chain-of-title search was beyond the scope of work for this Phase I ESA. Based on the historical aerial photograph review and a review of ascertainable city directories (see Sections 7.4/Aerial Photographs, 7.6/City Directories, and 7.7/Building Department Records), prior to the current use of the property as a vacant lot, the Site was part of the Pleasanton City Corporation Yard and a sewage disposal facility.

7.2 Property Tax Files

A review of tax files for historical ownership information on the Site was beyond the scope of work for this Phase I ESA. Based on the previously mentioned historic review of aerial photographs and city directories (see Section 7.1/Land Title Records), the Site was previously part of the Pleasanton City Corporation Yard from 1978 to 1991 and a sewage disposal facility from 1957 to 1986.

7.3 Historic USGS Topographic Quadrangles

According to the 1961 (photorevised 1968 and 1980) USGS Dublin Quadrangle map, the Site was used as a sewage disposal facility.

7.4 Aerial Photographs

ATC reviewed available aerial photographs of the Site and surrounding areas in order to identify historical land use that may have involved hazardous substances and petroleum products. These aerial photographs ranged from 1957 to 1999. The following are descriptions and interpretations from the aerial photograph reviews.

YEAR(S)	COMMENTS
1999	Site is graded with a small pile of rubble located along the northern boundary of the site. The senior center is located to the north of the Site. At 5555 Sunol Boulevard, there are signs of debris or containers on the site, as well as approximately 8 silos.
1994	Site is graded with activity occurring in the southwest corner of the property. The senior center is located to the north of the Site. At 5555 Sunol Boulevard, there are signs of debris in two specific locations.
1990	Site has discolored patches on the soil (possibly water), numerous trucks, storage buildings, and a dirt access road. North of the Site there are approximately 14 buildings, numerous trucks, and three large circular structures (the senior center has not been built). At 5555 Sunol Boulevard, there are signs of debris in two specific locations.
1986	There are two small sewage retention ponds, trucks, and an access road located on the site. The senior center has not been built. At 5555 Sunol Boulevard, there are signs of debris, storage and silos.
1982	There are two small sewage retention ponds and numerous trucks located on the site. North of the site there are one large pond, numerous trucks, and 3 large circular structures. At 5555 Sunol Boulevard, there were signs of silos.

ON SITE OF CURRENT SENIOR CENTER?

YEAR(S)	COMMENTS
1978	Three sewage retention ponds are located on the Site (Sewage Disposal). One of the ponds is equipped with aerators.
1973	Five sewage retention ponds are located on the Site. Two of the ponds have aerators and three of the ponds are dry or filled (Sewage Disposal).
1969	Four sewage retention ponds are located on the Site (Sewage Disposal). Surrounding properties are mostly agriculture lands.
1963	Four ponds and 3 large circular structures are located on the Site (Sewage Disposal). Surrounding properties are mostly agriculture lands.
1957	Six sewage retention ponds and two large circular structures are located on the Site (Sewage Disposal). Surrounding properties are mostly agriculture lands.

Source: Pacific Aerial Surveys, Oakland, California.

The review of aerial photographs indicated that the Site was developed with several sewage retention ponds associated with a sewage disposal facility and numerous trucks and buildings associated with the Pleasanton City Corporation Yard.

7.5 Fire Insurance Maps

A search for fire insurance maps for the area of the Site was conducted by EDR to research their *Sanborn Map* collection (Sanborn Maps) for the Site. EDR maintains one of the largest private collections of Sanborn Maps. Coverage for the Site and its vicinity was not available.

7.6 City Directories

Research regarding the availability of historical Haines Criss Cross Directories (Haines directories) was conducted by Ms. Kelley O'Rourke at the Pleasanton Public Library. The directories reviewed included the years of 1987, 1990, 1993, 1995-96, 1997-98, and 2001-02. The following are descriptions and interpretations from the historical city directory reviews:

2001-02

Site: *no address*
Vacant Lot
NE: *5410 Sunol Boulevard*
Oak Hill Cleaners
East: *5420 Sunol Boulevard*
Raleys
North: *5353 Sunol Boulevard*
Pleasanton Adult Daycare
Pleasanton City Paratransit Service
Senior Center
City arks NTRTN Lunch
South: *5505 Sunol Boulevard*
Richter Lumber
SE: *5506 Sunol Boulevard*

Air Products and Chemicals Inc.
South: *5555 Sunol Boulevard*
Crenova, Inc.

1997-98
Site: *no address*
Vacant Lot
North: *5353 Sunol Boulevard*
Pleasanton Adult Daycare
Pleasanton City Paratransit Service
Senior Center
City Parks NTRTN Lunch
NE: *5410 Sunol Boulevard*
Oak Hill Cleaners
East: *5420 Sunol Boulevard*
Raleys
South: *5505 Sunol Boulevard*
Richter Lumber
South: *5555 Sunol Boulevard*
Huls America Inc.

1995-96
Site: *no address*
Vacant Lot
North: *5353 Sunol Boulevard*
Pleasanton Adult Daycare
Pleasanton City Paratransit Service
Senior Center
City Parks NTRTN Lunch
NE: *5410 Sunol Boulevard*
Oak Hill Cleaners
East: *5420 Sunol Boulevard*
Raleys
South: *5505 Sunol Boulevard*
Richter Lumber
South: *5555 Sunol Boulevard*
Huls America Inc./ Tropical Roofing

1990
Site: *5335 Sunol Boulevard*
Pleasanton City Parks Maintenance, STS, Sewer, Water
East: *5420 Sunol Boulevard*
Raleys
South: *5505 Sunol Boulevard*
Richter Lumber
South: *5555 Sunol Boulevard*
Huls America Inc./ Tropical Roofing

1987
Site: *5335 Sunol Boulevard*
Pleasanton City Parks Maintenance, STS, Sewer, Water
North: *5505 Sunol* Boulevard
Richter Lumber
South: *5511 Sunol Boulevard*
Cal Bay Builders, Fairfield Ted, Savco Construction
South: *5513 Sunol Boulevard*
DPL Pool/ Spa Supply
South: *5555 Sunol* Boulevard
NVDEX

No other directories were available for review. City directories indicated the Site was previously developed with the Pleasanton City Corporation Yard and a sewage disposal facility.

7.7 Building Department Records

ATC reviewed the building departments that were available for the Site at the offices of the Pleasanton Building Department (PBD). Currently the site is vacant and holds no address with the PBD. The Site was previously developed with the Pleasanton City Corporation Yard and sewage disposal located at 5335 Sunol Boulevard; therefore, the following table summarizes the information obtained during this review.

Date	Description
12/8/65	Encroachment permit for excavation and trenching to install new gas services.
3/17/76	Encroachment permit for the installation of a microwave receiving tower.
5/76	Electrical permit for temporary power.

7.8 Zoning/Land Use Records

ATC reviewed available zoning/land use records for information regarding past uses of the Site. According to the Pleasanton Planning Department (PPD), the Site and its vicinity is zoned AG (Agricultural District).

7.9 Prior Reports

No prior reports of the Site were provided by the client for ATC to review.

7.10 Prior Use Interviews

According to George Farrell of the PPWD, the Site was developed with the Pleasanton City Corporation Yard and a sewage disposal facility. Industrial waste was processed at the Site and was later disposed at a San Francisco property.

7.11 Historical Use Summary

The following table summarizes the findings of the research pertaining to historical site usage.

PERIOD	HISTORICAL USES		SOURCE(S)	COMMENTS
	Site	Surrounding Area		
1940 to 1957	No information readily available	No information readily available	No information readily available	No information readily available
1957-1986	Sewage Treatment Facility	Agriculture	Aerial photography	Earliest records date back to 1957
1978-1991	Pleasanton City Parks Maintenance, STS, Sewer, Water	Residential, Commercial and Agriculture	Aerial photography, city directories	
1991 -2001	Vacant Lot	Residential, Commercial and Agriculture	Aerial photography, city directories	Lot was split into two sections. Northern Lot: Senior Center, Southern Lot (the Site): Vacant Lot

Historical information sources researched in this assessment allowed uses of the property to be traced from the present back to 1957 as a sewage disposal facility. Although this does not meet the 1940-minimum research limit per the ASTM Standard E 1527-00 7.3.2 and constitutes a historical data failure, based on the previously described historical uses of the subject property, the data source failure is not expected to alter the conclusions of this report.

8.0 REGULATORY RECORD REVIEWS

The databases discussed in this section, provided by EDR of Southport, Connecticut (Appendix F), were reviewed for information regarding documented and/or suspected releases of regulated hazardous substances and/or petroleum products on or near the Site. ATC also reviewed the "unmappable" (also referred to as "orphan") listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that cannot be plotted with confidence, but are identified as being located within the general area of the Site based on the partial street address, city name, or zip code. In general, a listing cannot be mapped due to inaccurate or incomplete address information in the database that was supplied by the corresponding regulatory agency. Any listings from the unmappable summary, which were identified by ATC as a result of the area reconnaissance and/or cross-referencing to mapped listings, are included in the corresponding database discussion within this section.

Based upon aerial photos and historical information, the parcel was developed with several ponds associated with a sewage disposal facility and numerous trucks and buildings associated with the Pleasanton City Corporation Yard. According to the EDR database (August 28, 2001), the former Pleasanton City Corporation Yard and sewage disposal facility were originally located at 5335 Sunol Boulevard. That parcel has since been redeveloped into two separate lots -- identified as a senior center located at 5353 Sunol Boulevard and the Site, which is vacant and currently has no address. The former Pleasanton City Corporation Yard is listed on the following databases: CORTESE, LUST, CA FID, Historical UST, and CA SLIC.

8.1 Federal Database Reviews

The following information discusses the regulatory record status of the surrounding properties:

National Priorities Listing (NPL) – Environmental Protection Agency Superfund List

The NPL is a subset of the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) and lists properties that are ranked as high priority for cleanup under the Superfund program. Source: NPL database updated 8/06/2001.

Neither the Site nor any adjacent properties are listed as NPL facilities.

CERCLIS List

The CERCLIS List is a compilation of known and suspected uncontrolled or abandoned hazardous waste sites which are, or were, under investigation by the United States Environmental Protection Agency (USEPA) but have not been elevated to the status of a Superfund (NPL) site. Source: USEPA CERCLIS database updated 6/25/2001.

Neither the Site nor any adjacent properties within a half-mile of the Site are listed on the CERCLIS List.

Resource Conservation and Recovery Information *System (RCRIS)*

The Resource Conservation and Recovery Act (RCRA) program identifies and tracks hazardous wastes from the point of generation to the point of disposal. The RCRIS database tracks those facilities that treat, store and/or dispose of hazardous materials as defined by RCRA (referred to as TSD facilities). The RCRIS Corrective Actions (CORRACTS) database identifies TSD facilities that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA. The RCRIS Generators database tracks large and small quantity generators of hazardous waste. The RCRA Administrative Action Tracking System (RAATS) database, which maintains records of enforcement actions issued under RCRA for major violators, is included in the regulatory research report. Source(s): USEPA RCRIS database updated 7/2/2001; USEPA RCRIS CORRACTS database updated 6/12/2001; USEPA RCRIS RAATS database updated 49/10/2001; USEPA RCRIS Generators database updated 7/2/2001.

The Site is not listed as a RCRIS Generator facility in the RCRIS database.

A review of the RCRIS-SQG list provided by EDR and dated 7/2/2001 has revealed that there are four sites within approximately one-quarter mile of the Site.

Oak Hill Cleaners located at 5410 Sunol Boulevard, is approximately one-eighth mile from the Site. According to the EDR database, this facility has no violations and/or no evidence of a release is identified on the database. According to the LPFD, there are no records currently on their database pertaining to ASTs or USTs at that location. Based on this information and the cross gradient position of this facility from the Site, the facility is not considered to represent an environmental concern for the Site.

According to the EDR database, the status of the following facilities have not been cited with any violations: Raleys 396 (5420 Sunol Boulevard) located approximately zero to one-eighth mile from the Site; Proficient Food Company Co. (5675 Sunol Boulevard) located approximately one-eighth to one-quarter mile from the Site; and Cooper Laser Sonics, Inc (5674 Sonoma Dr.) located approximately one-eighth to one-quarter mile from the Site. Based on the "no violation" status of each of the listed properties, none of the listed RCRIS-SQG facilities are considered to represent a potential environmental concern to the Site.

A review of the RCRIS-LQG list provided by EDR, and dated 7/2/2001 has revealed that there is one facility within approximately one-quarter mile of the Site. See discussion under CA Slic for more information pertaining to Crenova Inc., which is located south of the Site at 5555 Sunol Boulevard.

Neither the Site nor any properties within one mile of the Site are listed as TSD facilities in the RCRIS database.

Neither the Site nor any properties within one mile of the Site are listed as CORRACTS facilities in the RCRIS database.

Emergency Response Notification System (ERNS) Database

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. Source: ERNS database updated 8/10/2001.

X The Site is not listed on the ERNS database.

8.2 State Database Reviews

Cal-Sites/Annual Workplan (AWP)

The Cal-Sites/AWP databases contain potential or confirmed hazardous substance release properties. The California Department of Toxic Substance Control's (DTSC's) Annual Workplan (AWP), formerly Bond Expenditure Plan (BEP), identifies known hazardous substance sites targeted for cleanup. Source: DTSC databases updated 7/30/2001.

X Neither the Site nor any properties within one-half mile are listed in the AWP (or BEP) databases.

The Site is not listed on the Cal-Sites database. There are two Cal-Sites listed facilities located within one mile of the Site. None of these listed facilities are located within one-quarter mile of the Site. Based upon the distance from the Site, none of the listed Cal –Site facilities represent a potential environmental concern to the Site.

Cortese

This database 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. The source is the California Environmental Protection Agency/Office of Emergency Information. Source: Cortese database updated 7/30/2001.

There are 12 Cortese listed facilities located within a half-mile of the Site. Three of these listed facilities are located within one-eighth mile of the Site; the Pleasanton City Corporation Yard, Speedee Oil and Lube, and Crenova Inc.

The database identified the Pleasanton City Corporation Yard located at 5335 Sunol Boulevard as a Cortese facility. The EDR database gave no additional information on its status. ATC requested file reviews at the RWQCB, ACEHD, the city of Pleasanton and the LPFD to determine if the former use of the site and the adjacent parcel pose an environmental concern to the Site.

A file review was conducted at the RWCQB on September 5, 2001. Based on the reviews, minimal information pertaining to the Pleasanton City Corporation Yard was available. The RWQCB only had a letter indicating that the destruction of monitoring wells on the parcel was conducted on June 19, 1996.

According to the ACEHD, no files regarding the Site or the adjacent parcel were available for review.

ATC conducted a file review at the city of Pleasanton on October 11, 2001. The city's files included a letter dated January 20, 1994, sent from the city of Pleasanton to the RWQCB regarding the removal of the underground fuel storage tanks and remedial action. The letter states, "the City's position that everything required by EPA was done at the time the site was cleaned." The city of Pleasanton asked that EPA reconsider their requirement that the city invest additional time and money to conduct further monitoring after the city "had assumed" the EPA inspector had already cleared the site. However, the city's files did not have a response letter from the RWQCB. The city's files also included a final report by RESNA dated October 11, 1991, that discussed the tank excavation project and the environmental cleanup at the former Pleasanton City Corporation Yard facility. According to an annual monitoring report completed by Ensco Environmental Services (EES) dated February 2, 1990, six monitoring wells and 14 exploratory boring locations were sampled throughout the parcel, but only two exploratory borings and one monitoring well were located on the Site. The results of these sampling events were not available. However, EES determined the hydrocarbon contamination was detected in the soil and groundwater samples collected in the vicinity of the underground fuel and pump islands and recommended that further exploratory work be performed. Specifically, EES recommended that a quarterly groundwater monitoring program be implemented in the fuel system area.

I don't understand this. P.I.D Ensco MTBE? # OF WELLS?

ATC conducted a file review at the LPFD on October 22, 2001. The LPFD files revealed that a case closure regarding the former USTs was issued on June 13, 1995. In the case closure letter, the RWQCB expressed the opinion that "based upon the available information and with the provision that the information provided to this agency was accurate and representative of the site conditions, no further action related to the underground tank release is required." File reviews indicated that five USTs were located at the Pleasanton City Corporation Yard. This property was identified as a LUST site. Annual monitoring reports from 1990 and 1996 indicated that soil and groundwater samples were gathered and analyzed for TPH-g, TPH-d, and BTEX. According to the groundwater monitoring report (Smith) dated January 8, 1996, a tank excavation assessment in 1991 "included the removal of the five steel USTs and the associated piping and the excavation of petroleum hydrocarbon contaminated soil. During removal of the USTs, soil contaminated with petroleum hydrocarbons was encountered and excavated. The excavated soil was placed into two stockpiles to keep clean and impacted soil separated. Soil and groundwater samples were collected for analysis from the UST excavation." Although the RWQCB issued a case closure, groundwater samples were not analyzed for MTBE during the monitoring program. It is known that MTBE is presently a regulated constituent. Based on the direction of groundwater flow and the likely presence of MTBE, the former tanks are considered an environmental concern to the Site. ATC recommends a limited subsurface investigation of the Site to include sampling for MTBE.

The Site historically contained two large aeration ponds. According to a representative of the PPWD, industrial waste was processed at the Site and was later disposed at a San Francisco property. No information was available to ATC from regulatory agencies regarding the installation, use, and closure of the aeration ponds. Additionally, the file reviews indicated that two soil borings and one groundwater monitoring well were located within the Site boundaries.

What is gw flow direction? Previously stated - north/northwest

However, results from sampling events were not readily available from the regulatory agencies. Based on the historical use of the Site and the limited number of soil and groundwater samples collected on the Site, ATC recommends that a limited subsurface investigation be performed at the Site.

The database also identified the Speedee Oil and Lube, located approximately one-eighth to one-quarter mile from the Site, at 44 Mission as a Cortese facility. The EDR database gave no additional information on its status, and no files were available for review at city of Pleasanton, ACEHD or the LPFD regarding the facility.

See discussion under CA Slic for more information pertaining to Crenova Inc., which is located south of the Site at 5555 Sunol Boulevard.

Based on their distances, the remaining nine facilities are not considered near enough to represent a potential environmental concern to the Site.

Notify 65

The Notify 65 database contains facility notifications about any release that could impact drinking water and thereby expose the public to a health risk. The data comes from the State Water Resources Control Board (SWRCB), Proposition 65 database. Source: Notify 65 database updated 7/24/2001.

X Neither the Site nor any properties within one mile of the Site are listed in the Notify 65 database.

Solid Waste/Landfill Facilities (SW/LF)

The Solid Waste/Landfill Facilities database is a comprehensive listing of State permitted/recorded solid waste facilities. Source: SW/LF database updated 6/28/2001.

X Neither the Site nor any properties within one-half mile of the Site are listed in the in the SW/LF database.

Leaking Underground Storage Tank (LUST) Database

The SWRCB LUST database was researched to identify listings within one-half mile of the Site. Source: LUST database updated 7/25/2001.

There are two LUST listed facilities located within one-half mile of the Site.

The Pleasanton City Corporation Yard is one of the facilities listed on the database. According to the EDR database, remedial action consisting of removal of the contaminated soils and pumping and treating of the groundwater was performed and completed. The case closure summary was issued by the RWQCB to the city of Pleasanton on June 13, 1995. See discussion under CORTESE for more information pertaining to the Pleasanton City Corporation Yard facility (Site).

Speedee Oil and Lube (44 Mission) is located approximately one-eighth to one-quarter mile from the Site, but it is located downgradient of the Site (based on groundwater flow direction). Further, the contamination had impacted the soil only. This case was closed on February 18, 1997 and is not considered to represent a potential environmental concern to the Site.

CA-SLIC

A CA SLIC Region 2 site database is defined as any contaminated site that impacts groundwater or the potential to impact groundwater.

The Pleasanton City Corporation Yard is one of the facilities listed on the database. The facility is listed as inactive and was last updated on November 14, 1986. See discussion under CORTESE for more information pertaining to the Pleasanton City Corporation Yard facility (Site).

According to a file review at the RWQCB, the Crenova Inc. facility, located at 5555 Sunol Boulevard, is approximately one-eighth mile from the Site. An investigation was performed at 5555 Sunol Boulevard in response to discussions with the RWQCB requesting annual groundwater monitoring to detect the potential presence of mineral spirits in the groundwater beneath the facility.

According to the annual groundwater monitoring summary report (Dames and Moore) submitted January 17, 1997, total petroleum hydrocarbons (TPH), -mineral spirits, and BTEX were detected, but the concentration of mineral spirits in the groundwater beneath the 5555 Sunol Boulevard was below Maximum Contaminated Levels (MCLs). The report summarized the analysis of the monitoring wells sampled from 1994 through 1996 and determined that benzene and toluene were not detected above laboratory reporting limits in any of the groundwater samples analyzed. Ethylbenzene and xylenes were detected in low concentrations. There were no detections above laboratory reporting limits for TPH-mineral spirits or BTEX in MW-5 and MW-6. Dames and Moore concluded by stating "case closure be requested and that MW-1, MW-3, MW-4, MW-5 and MW-6 be abandoned according to RWQCB guidelines."

The location of monitoring wells MW-5 and MW-6 are north of the UST. The Site is located approximately one-eighth mile north of monitoring wells MW-5 and MW-6. Because the contamination in the groundwater does not extend beyond the northern boundary of the Crenova Inc. facility, this facility is not considered to represent an environmental concern for the Site.

Underground Storage Tank (UST) Database

The SWRCB Underground Storage Tank (UST) database was researched to identify listings for the Site and adjacent properties. Source: UST database updated 8/1/2001.

The EDR database lists five USTs that were/are to be located at the Pleasanton City Corporation Yard and sewage disposal facility. A total of five USTs were installed between 1968 and 1982. Tank one was installed in 1982; it has the capacity to store 2000 gallons of diesel fuel. Tank two was installed in 1968; it has the capacity to store 1000 gallons of regular fuel. Tank three was

installed in 1968; it has the capacity to store 1000 gallons of regular fuel. Tank four was installed in 1968; it has the capacity to store 4000 gallons of unleaded fuel. Tank five was installed in 1968; it has the capacity to store 7500 gallons of unleaded fuel. The case closure summary was issued by the RWQCB to the city of Pleasanton on June 13, 1995. See discussion under CORTESE for more information pertaining to the Pleasanton City Corporation Yard facility (Site).

There are four other UST listed facilities located within one-quarter mile of the Site. Based on their status and distances, none of the remaining UST facilities are considered to represent environmental concerns for the Site.

California Facility Inventory Database (CA FID)

The CA FID contains active and inactive UST locations. The source is the State Water Resources Control Board. Source: CA FID database 12/28/1998.

There are three listed CA FID facilities located within one-quarter mile of the Site: the Pleasanton City Corporation Yard, Crenova Inc. and the Proficient Food facilities. The Pleasanton City Corporation Yard facility (Site) is listed as inactive. Although the Crenova Inc. and the Proficient Food facilities are listed as active, these facilities are not considered to represent an environmental concern for the Site due to their distances from the Site. See discussion under CORTESE for more information pertaining to the Pleasanton City Corporation Yard facility (Site).

8.3 Local Regulatory Agency Research

Livermore – Pleasanton Fire Department (LPFD)

The LPFD is the lead environmental regulatory agency overseeing USTs, hazardous material spills/releases, and hazardous materials regulations for the city of Pleasanton. The LPFD reported that there are no active tanks located at 5335 or 5335 Sunol Boulevard. ATC conducted a file review at the LPFD on October 22, 2001. The LPFD files revealed that a case closure summary was issued by the RWQCB to the city of Pleasanton on June 13, 1995. It was the opinion of the RWQCB that "based upon the available information and with the provision that the information provided to this agency was accurate and representative of the site conditions, no further action related to the underground tank release is required." Refer to Section 8.2 for further information.

Alameda County Environmental Health Department (ACEHD)

ATC requested files at the ACEHD for 5410 Sunol Boulevard, 5335 Sunol Boulevard, and 44 Mission Drive. According to the ACEHD, no files regarding the Site or the adjacent parcel were available for review.

Pleasanton Planning Department (PPD)

The PPD stated that the Site is agriculturally zoned.

Pleasanton Building Department (PBD)

ATC reviewed available building department records at the PBD. The PBD confirmed that the site was previously used as a sewage disposal facility and the Pleasanton City Corporation Yard. Available records failed to identify any environmentally significant information (see Section 7.7).

9.0 SITE RECONNAISSANCE AND INTERVIEWS

9.1 Interviews

Based on information obtained from representatives of the PPWD, 5335 Sunol Boulevard was historically the Pleasanton City Corporation Yard and a sewage disposal facility. According to a representative of the PPWD, it is thought that industrial waste was processed at the facility and disposed of at a San Francisco property.

9.2 Hazardous Substance Storage/Handling

No hazardous materials were observed on the Site, as the Site is currently vacant.

9.3 Solid Waste Generation, Storage and Disposal

No municipal waste storage and disposal facilities (i.e. trash dumpsters) are located at the Site, as the Site is currently vacant.

9.4 Storm Water Management/Surface Areas

Storm water runoff is directed towards storm water catch basins located within the streets bordering the Site.

9.5 Storage Tanks

During the Site reconnaissance, evidence that current or past ASTs and USTs used at the Site was identified. Historically, the Site was a part of a larger lot (5335 Sunol Boulevard) that was used as the Pleasanton City Corporation Yard and as a sewage disposal facility. In the early 1990s, the parcel was divided into two separate lots; the northern lot is currently a senior center, and the southern lot is currently a vacant lot (the Site). The case closure summary was issued by the RWQCB to the city of Pleasanton on June 13, 1995.

9.6 Polychlorinated Biphenyls (PCBs)

No polychlorinated biphenyls materials were observed on the Site, as the Site is vacant.

10.0 FINDINGS AND CONCLUSIONS

ATC has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 of the vacant lot located at the corner of Sunol Boulevard and Junipero Street in the City of Pleasanton, California. Any additions to, exceptions to, or deletions from this practice are described in Section 4.0 of this report.

Based on information collected from the Site visit, record reviews and interviews, the Site was previously a part of a larger parcel (5335 Sunol Boulevard) that was used as the Pleasanton City Corporation Yard and as a sewage disposal facility. In the early 1990s, the parcel was divided into two separate lots; the northern lot is currently a senior center, and the southern lot is currently vacant (the Site). The northern site had a reported five USTs and was listed on the leaking underground storage tank database. Although Case closure was issued in 1995 by the RWQCB, no information or analysis was performed for the presence of MTBE. The Site was formerly developed with two aeration ponds. It was reported that industrial waste was processed on-site, however, no information was available as to the specific type of waste that was processed at the sewage disposal facility. Based upon the historical use of the Site and information obtained in this ESA at the RWQCB, the city of Pleasanton and the LPFD, ATC recommends a limited subsurface investigation of the soil and groundwater be performed at the Site.

11.0 LIMITATIONS

ATC has prepared this Phase I Environmental Site Assessment using reasonable efforts in each phase of its work to identify recognized environmental conditions associated with hazardous substances, wastes and petroleum products at the Site. The methodology of this Phase I Environmental Site Assessment was consistent with the ASTM Standard Practice for E 1527-00. Findings within this report are based on information collected from observations made on the day of the Site investigation and from reasonably ascertainable information obtained from governing public agencies and private sources.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other construction purposes. ATC makes no representation or warranty that the past or current operations at the Site are or have been in compliance with all applicable federal, state and local laws, regulations and codes.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The report focuses on the Site and neighboring properties, which could impact the Site. Neighboring properties listed in governmental environmental records are identified within specific search distances. The search distance varies depending upon the particular government record being checked. The regulatory research is designed to meet the requirements of ASTM Standard E 1527-00. The information provided in the regulatory database report is assumed to be correct and complete.

Subsurface conditions may differ from the conditions implied by the surface observations and can only be reliably evaluated through intrusive techniques.

Reasonable efforts have been made during this assessment of aboveground and underground storage tanks and ancillary equipment. "Reasonable efforts" are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record and available information gathered from interviews. Such methods may not identify subsurface equipment that may have been hidden from view due to snow cover, paving, construction or debris pile storage, or incorrect information from sources.

ATC reviewed past ownership of the Site in an attempt to determine past site usage. ATC is not a professional title insurance firm and makes no guarantee, explicit or implied, that the records which were reviewed represent a comprehensive or precise delineation of past site ownership or tenancy for legal purposes.

12.0 REFERENCES

ASTM, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E 1527-00.

Aerial Photographs, Pacific Aerial Surveys, Oakland, California.

Haines Criss Cross Directory (Haines directory), Pleasanton Public Library, Pleasanton, California.

State of California Division of Mines and Geology, "Geologic Map of the San Francisco-San Jose Quadrangle, California, dated 1991.

USGS Topographic Map, Dublin Quadrangle, 7.5-Minute Series, Dated 1961, Photorevised 1980.

Dames and Moore, *Summary Report: 1996 Annual Groundwater Monitoring HULS America Inc.*, (January 17, 1997)

13.0 APPENDICES

Appendix A – Site Location Map
Appendix B – Site Map
Appendix C – Site Photographs
Appendix D – Aerial Photographs
Appendix E – Records of Communication
Appendix F – File Review Documentation
Appendix G –Regulatory Database Report

Treadwell&Rollo
501 14th Street, 3rd Floor
Oakland, California 94612
Phone: 510/874-4500
Fax: 510/874-4507

Date: 25 May 2006

Project No.: 3149.01

LETTER OF TRANSMITTAL

Attention: Donna Drogos

Company: Alameda County Health Agency

Address: 1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Subject: Pleasanton Assisted Living, 100 Valley Avenue, Pleasanton, CA 94566

We are sending you ☒ **Attached** ☐ **Under separate cover**

Via ☐ **Mail** ☒ **Overnight Delivery** ☐ **Courier** ☐ _____

Submittal No.	Copies	No. of Pages	Description
1	1		Appendixes to ATC Phase I ESA

These are transmitted as checked below:

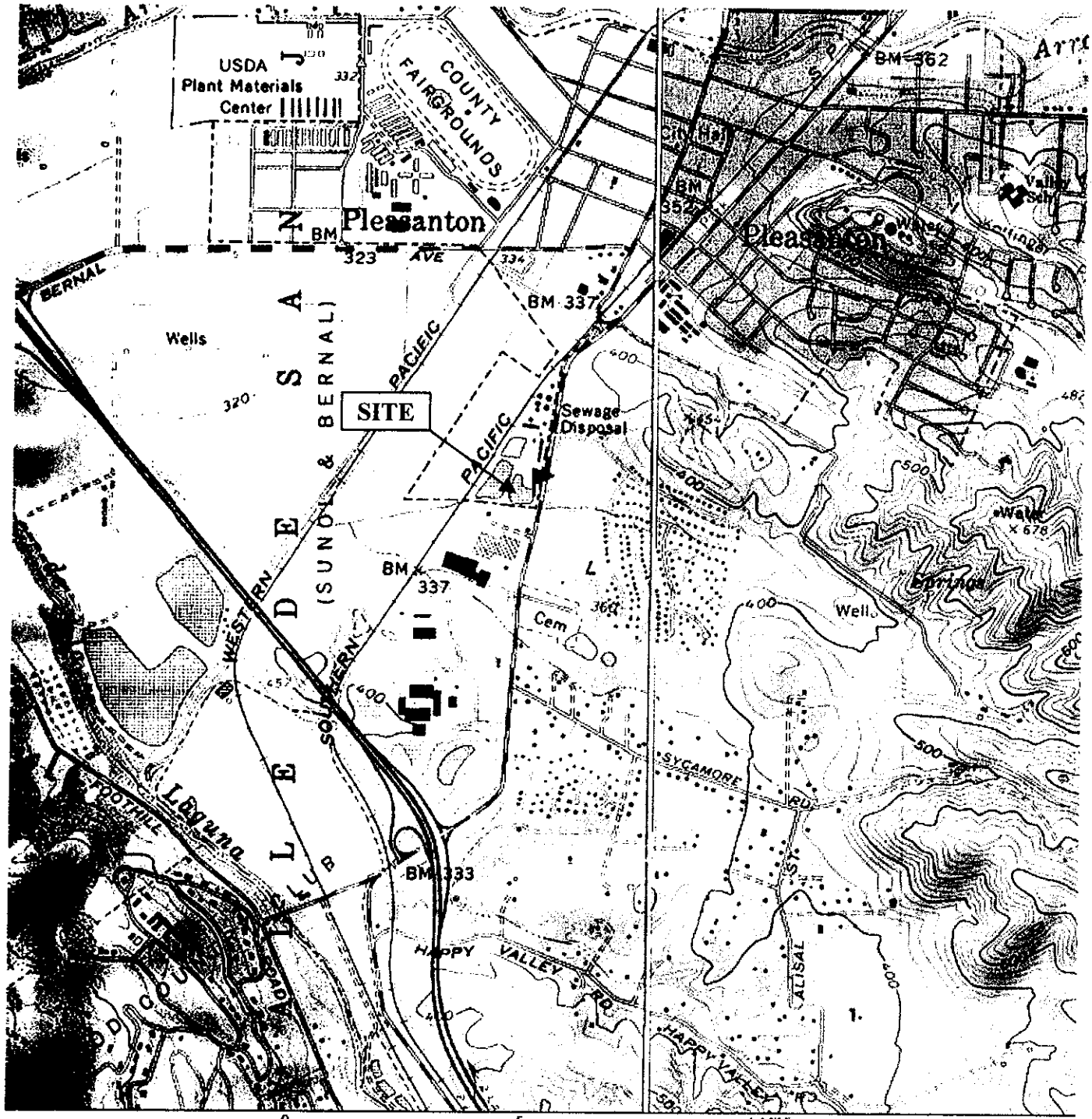
☐ **For approval** ☒ **For your use** ☐ **As requested**
☐ **For review and comment** ☐ _____

Remarks: _____

Signed: _____ **Copy To:** _____
Grover Buhr Ext: 529 _____

APPENDIX A

SITE LOCATION MAP



VATC ASSOCIATES INC
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

PROJECT NO: 75.92096.0012		
DESIGNED BY: KO	SCALE:1:24000	REVIEWED BY: VH
DRAWN BY:	DATE: 09/01	FILE: 0012-TOPO

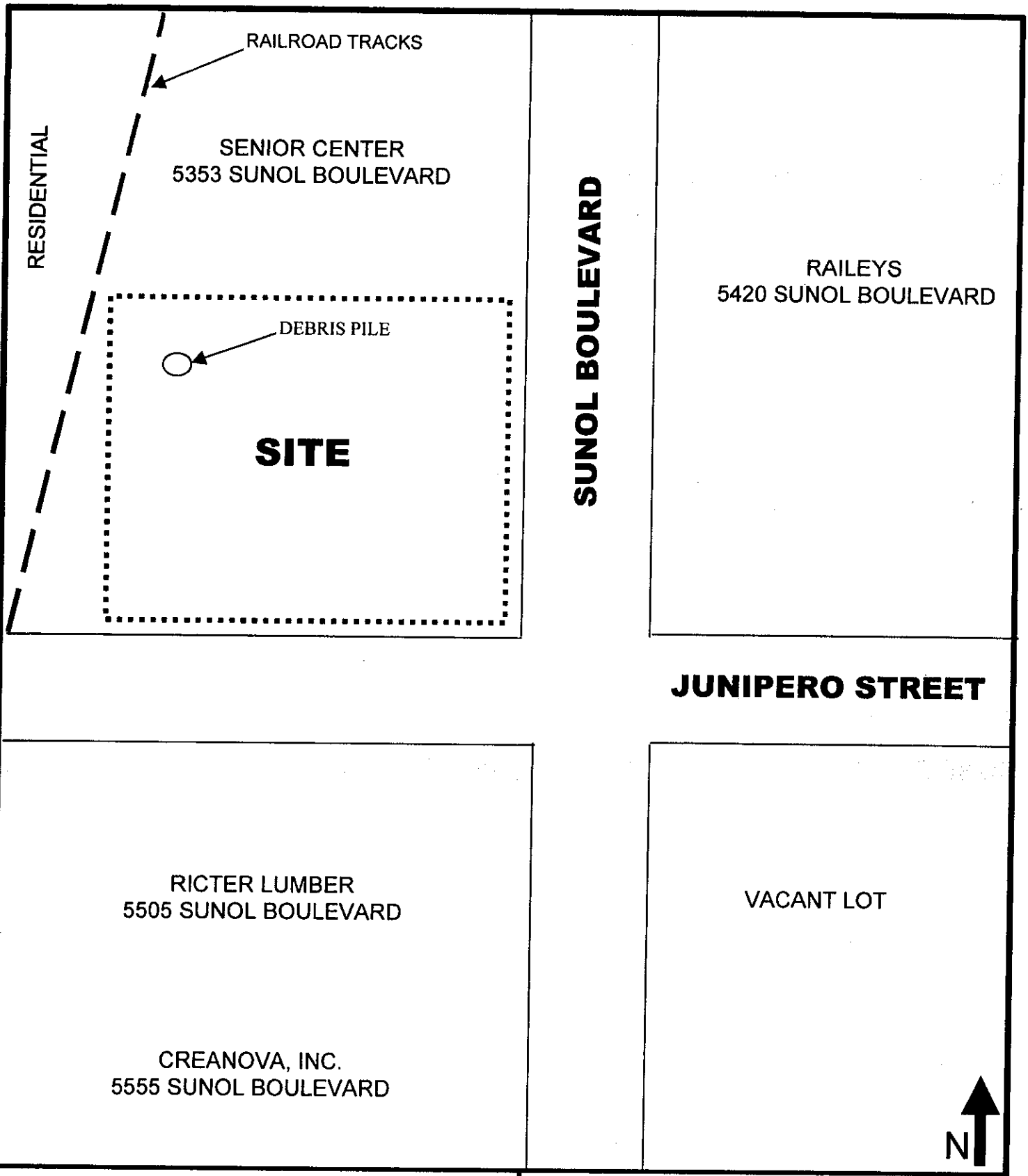
SITE VICINITY MAP

ASTM E-1528-PHASE 1 ESA

TRI CAPITAL CORPORATION
VACANT LOT
SUNOL BOULEVARD AND JUNIPERO STREET
PLEASANTON, CALIFORNIA

APPENDIX B

SITE MAP



VATC ASSOCIATES INC
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

PROJECT NO: 7592096.0012 (Task 1)		
DESIGNED BY: KO	SCALE: NTS	REVIEWED BY: PH
DRAWN BY: KO	DATE: 09/01	FILE:0012-SITEMAP

SITE MAP

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Corner of Sunol Boulevard and Junipero Street
Pleasanton, California

APPENDIX C

SITE PHOTOGRAPHS

PHOTO 1: VIEW OF SITE FACING NORTH

PHOTO 2: VIEW OF SITE FACING EAST

VATC ASSOCIATES INC
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

PROJECT NO: 75.92096.0012		
DESIGNED BY: KO	SCALE:NTS	REVIEWED BY: VH
DRAWN BY:	DATE: 09/01	FILE: 0012-PHOTOS

SITE PHOTOGRAPHS

ASTM E-1528-PHASE 1 ESA

TRI CAPITAL CORPORATION
VACANT LOT
SUNOL BOULEVARD AND JUNIPERO STREET
PLEASANTON, CALIFORNIA

PHOTO 3: VIEW OF SITE FACING SOUTH

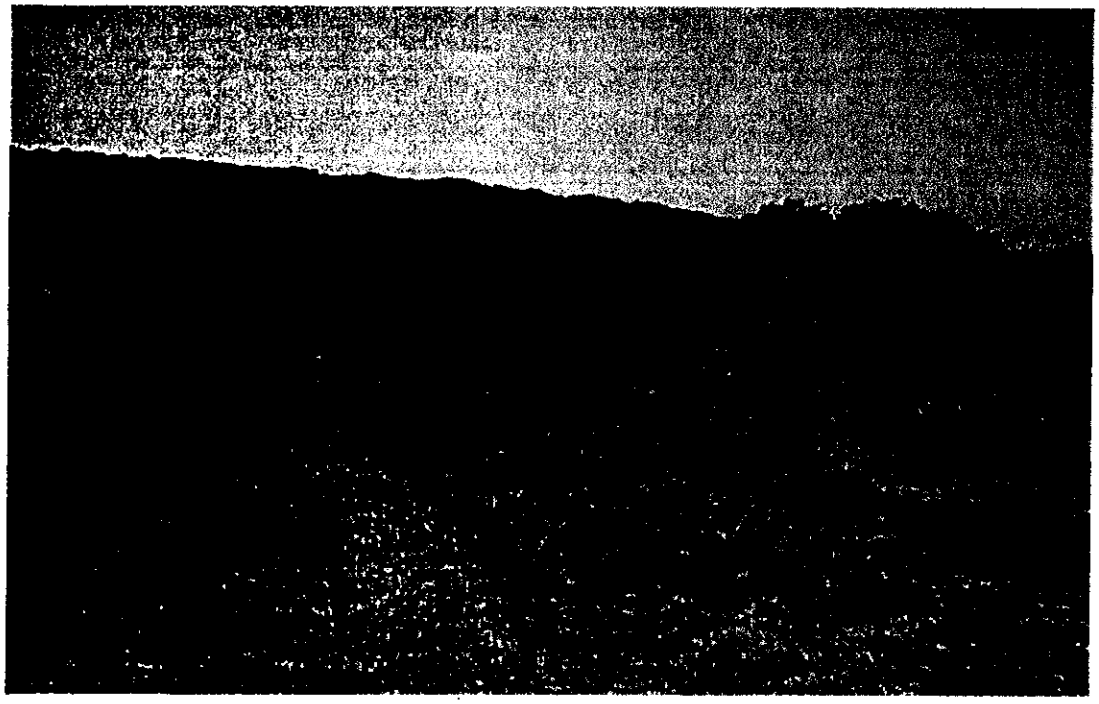


PHOTO 4: VIEW OF SITE FACING WEST

VATC ASSOCIATES INC
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

PROJECT NO: 75.92096.0012		
DESIGNED BY: KO	SCALE:NTS	REVIEWED BY: VH
DRAWN BY:	DATE: 09/01	FILE: 0012-PHOTOS

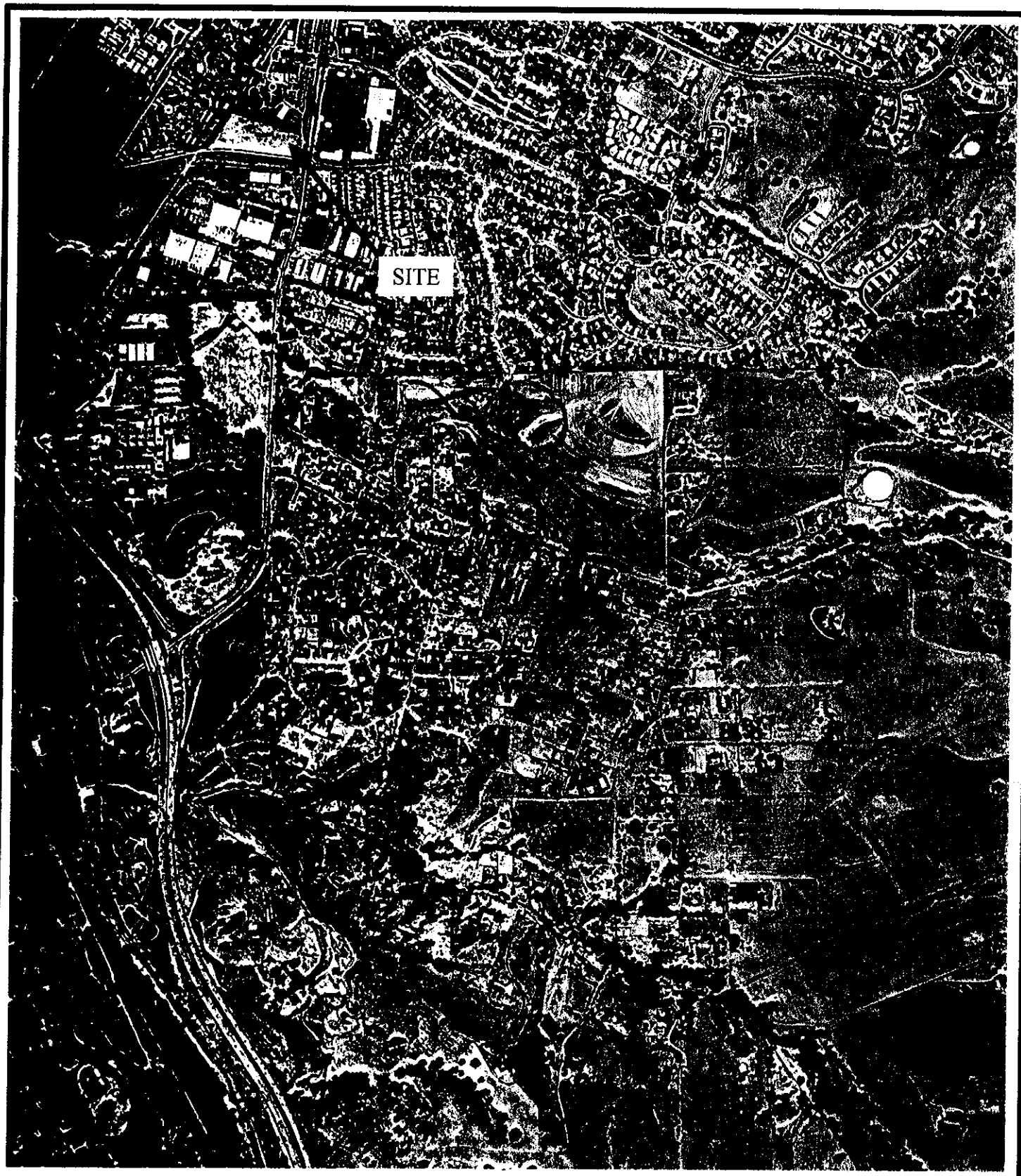
SITE PHOTOGRAPHS

ASTM E-1528-PHASE 1 ESA

TRI CAPITAL CORPORATION
VACANT LOT
SUNOL BOULEVARD AND JUNIPERO STREET
PLEASANTON, CALIFORNIA

APPENDIX D

AERIAL PHOTOGRAPHS



VATC ASSOCIATES INC
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

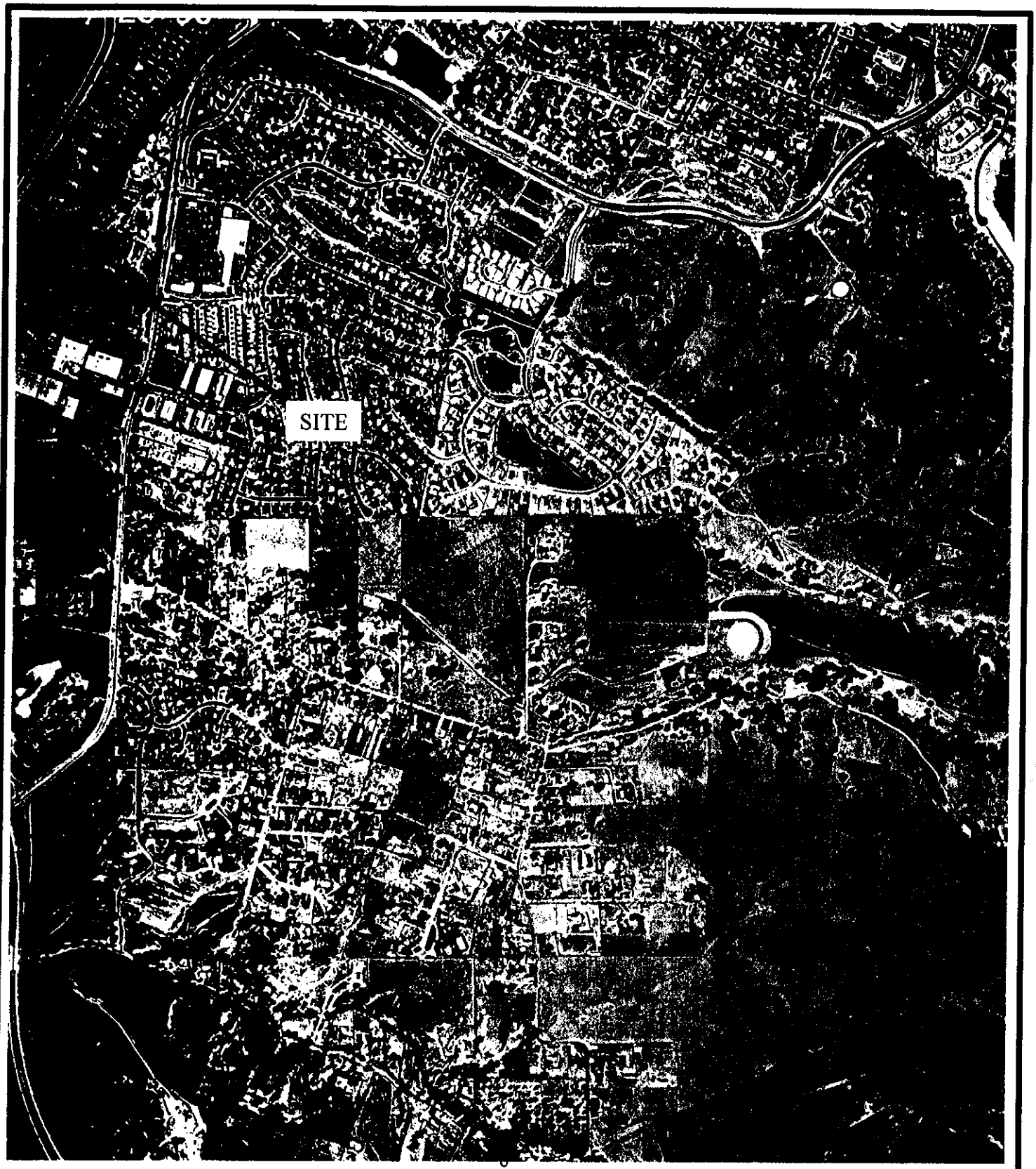
PROJECT NO: 75.92096.0012

DESIGNED BY: KO	SCALE:NTS	REVIEWED BY: VH
DRAWN BY:	DATE: 09/01	FILE: 0012-PHOTOS

1999 AERIAL PHOTOGRAPH

ASTM E-1528-PHASE 1 ESA

TRI CAPITAL CORPORATION
VACANT LOT
SUNOL BOULEVARD AND JUNIPERO STREET
PLEASANTON, CALIFORNIA



VATC ASSOCIATES INC
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

PROJECT NO: 75.92096.0012

DESIGNED BY: KO	SCALE:NTS	REVIEWED BY: VH
DRAWN BY:	DATE: 09/01	FILE: 0012-PHOTOS

1990 AERIAL PHOTOGRAPH

ASTM E-1528-PHASE 1 ESA

TRI CAPITAL CORPORATION
VACANT LOT
SUNOL BOULEVARD AND JUNIPERO STREET
PLEASANTON, CALIFORNIA

VATC ASSOCIATES INC
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

PROJECT NO: 75.92096.0012

DESIGNED BY: KO	SCALE:NTS	REVIEWED BY: VH
DRAWN BY:	DATE: 09/01	FILE: 0012-PHOTOS

1957 AERIAL PHOTOGRAPH

ASTM E-1528-PHASE 1 ESA

TRI CAPITAL CORPORATION
VACANT LOT
SUNOL BOULEVARD AND JUNIPERO STREET
PLEASANTON, CALIFORNIA

APPENDIX E

RECORDS OF COMMUNICATION

RECORD OF COMMUNICATION

R.O.C# 1 of 1

Communication with: Mr. George Farrell

of: City of Pleasanton Engineer Technician II

Location: Corner of Sunol Boulevard and Junipero Street Phone: not provided

Communication via: (X) Telephone Conversation ( ) Personal Interview

Recorded by: Kelley O'Rourke Of: ATC

Time: am Date: September 12, 2001

Subject: General Site Information

Summary of Communication:

According to Mr. Farrell, industrial waste was processed on the Site and was later dispersed on the San Francisco property.

APPENDIX F

FILE REVIEW DOCUMENTATION

SMITH
ENVIRONMENTAL TECHNOLOGIES CORPORATION

CLOSURE REQUEST REPORT

Former City of Pleasanton Corporation Yard
~~5353~~ 5335 Sunol Boulevard
Pleasanton, CA

prepared for

City of Pleasanton
P.O. Box 520
Pleasanton, CA

for submittal to

CA Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street
Oakland, CA 94612

William Madison
Staff Geologist

Jeanne Homsey, P. E.
CA Registered Civil Engineer No. C 47410

REGISTERED PROFESSIONAL ENGINEER
JEANNE HOMSEY
No. C047410
Exp. 12/99
CIVIL
STATE OF CALIFORNIA

January 8, 1996

1260 Graphics Drive • Modesto, CA 95351-1502 • (209) 579-2221 • Fax (209) 579-2225

CLOSURE REQUEST REPORT
Former City of Pleasanton Corporation Yard
5353 Sunol Boulevard
Pleasanton, CA

1.0 INTRODUCTION AND PURPOSE

Smith Environmental Technologies Corporation (Smith Environmental), formerly RESNA Industries Inc. (RESNA), has prepared this report on behalf of the City of Pleasanton to present the information required for site closure review. This report is being submitted to the California Regional Water Quality Control Board, San Francisco Bay Region (CRWQCB) and the Alameda County Flood Control and Water Conservation District (ACFCWCD) to satisfy the closure review requirements, as outlined by CRWQCB correspondence dated October 7, 1993 (Addition to Appendix A of the Tri-Regional Recommendations).

2.0 HYDROGEOLOGIC SETTING

The subject property is located at 5353 Sunol Boulevard in Pleasanton, California (Figure 1). The site is currently used as a Senior Center recreational facility located in a mixed commercial and residential area. The site is situated at an approximate elevation of around 327 feet above sea level (Ensco, 1990), within the Diablo Range, a part of the Coast Ranges geomorphic province (Norris and Webb, 1990). Local surface sediments are derived from Plio-Pleistocene nonmarine deposits (sands and gravels). Beneath these deposits lie Quaternary stream terrace deposits and alluvium, underlain by a basement of Cretaceous sedimentary rocks (Wagner, et. al, 1990). The Verona Fault, which has exhibited movement during geologically recent time (the past 10,000 years) lies very close to and parallel with the southwestern boundary of the site (Wagner, et. al, 1990). The entire site lies in a geologically active area potentially affected by major earthquakes along the San Andreas Fault Zone.

The project site lies in the San Francisco Bay Groundwater Basin as defined by the California Department of Water Resources (1975). At least two creeks run close to the project site: the

Arroyo Valle, about 0.2 miles to the north; and the Arroyo de la Laguna, about 1.2 miles to the southwest.

According to an investigation by Ensco Environmental Services (Ensco, 1990), there are two aquifers at this site: an upper perched aquifer encountered between 5 and 10 feet below ground surface (bgs); and a lower aquifer at 10 to 20 feet bgs which contributes to local water levels in the area. Groundwater in the perched aquifer was encountered at a depth of nine feet bgs while excavating the underground tanks in June 1991. The direction of groundwater flow has generally been towards the west and northwest, with a gradient of 0.0067 established in 1990 (Ensco, 1990). Smith Environmental noted that the groundwater elevation in monitoring well MW-1 had risen 1.91 feet since October 1994 with the average depth to groundwater in the perched aquifer measured at 7.22 feet bgs (Smith Environmental, June 1995).

3.0 SITE BACKGROUND

The subject site was formerly the City of Pleasanton Corporation Yard and included five fuel underground storage tanks (USTs). The site is currently a Senior Center recreational facility located at 5353 Sunol Boulevard in a mixed commercial and residential area of Pleasanton, California (Figure 1).

The site formerly utilized two 1,000-gallon leaded gasoline, one 2,000-gallon diesel, one 4,000-gallon unleaded gasoline, and one 7,500-gallon unleaded gasoline USTs.

3.1 Initial Soil and Groundwater Investigations

In January 1985, Berlogar Geotechnical Consultants conducted a subsurface soil investigation at the site to provide geotechnical information for a proposed residential development. Thirty test pits and 15 soil borings were completed and soil samples collected. Nine of the soil borings were completed as temporary monitoring wells and groundwater samples were collected. Analyses of the soil and groundwater samples for priority pollutant metals detected concentrations below the Total Threshold Limit Concentrations (TTLCs) and the Soluble Threshold Limit Concentrations (STLCs), respectively.

McLaren Environmental Engineering conducted a site investigation at the site in November 1986. In the vicinity of the existing USTs and pump islands, three soil borings were drilled

and sampled, and one of the borings was completed as a groundwater monitoring well, MW-1. Groundwater samples were collected from MW-1 in November 1986 and December 1986. Soil and groundwater samples were analyzed for total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene and total xylenes (BTEX), and concentrations of TPH and BTEX were detected.

In November and December 1989, Ensco conducted a soil and groundwater investigation at the site. Ensco drilled and sampled 19 soil borings, completed 5 of the borings as groundwater monitoring wells, and developed and sampled the monitoring wells. Three of the groundwater monitoring wells (MW-1, MW-2 and MW-3) were installed in the vicinity of the USTs and fuel pumps. The soil and groundwater samples collected were analyzed for TPH as diesel (TPHd), TPH as gasoline (TPHg), BTEX, priority pollutant metals, polychlorinated biphenols (PCBs), pesticides, and volatile organics. Laboratory results indicated: TPHg, TPHd and BTEX concentrations in soil and groundwater samples collected in the vicinity of the USTs and fuel pumps (Tables 1 and 2); no volatile organics, or PCBs were detected in the samples collected; three pesticides were detected in a sample collected from one soil boring; and, priority pollutant metals were detected at concentrations below the TTLCs (Table 3). Copies of laboratory reports are included in Appendix B.

3.2 Tank Removal and Soil Excavation

In June 1991, Exceltech/RESNA performed a tank excavation assessment that included the removal of the five steel USTs and the associated piping and the excavation petroleum hydrocarbon contaminated soil. In June 1991, prior to UST removal activities, a total of 3,700 gallons of product were removed from the USTs and disposed of off-site. Representatives of the City of Pleasanton Fire Department were on-site to witness all activities associated with the removal of the USTs. The five USTs were removed by Exceltech/RESNA personnel, transported off-site and disposed of as scrap metal at Schnitzer Steel located in Oakland, California. Product piping associated with the USTs was also removed from the site.

During removal of the USTs, soil contaminated with petroleum hydrocarbons was encountered and excavated. The excavation was terminated once groundwater was encountered and had stabilized at nine feet below ground surface. Excavated soil was placed into two stockpiles to keep clean and impacted soil separate. Soil and groundwater samples were collected for

SMITH

analysis from the UST excavations. Samples were analyzed for TPHg using EPA Methods 8015/8020, BTEX using EPA Method 8020, TPHd using EPA Method 8015, organic lead, and volatile organic compounds (VOCs) using EPA Method 8240 (water samples only).

One stockpile of approximately 150 cubic yards of impacted, excavated soil was biologically treated to below disposal limits before disposal at Vasco Road Landfill in Livermore, California. The other stockpile was taken directly to the same landfill. The excavation was backfilled with clean material.

The extent of soil excavation and soil sample locations are contained in Appendix A (Site Plan, Exceltech/RESNA 1991). Copies of the certificate of disposal, waste manifests, and laboratory reports are included in Appendix C.

SITE FOR SENIOR CENTER?

3.3 Assessment of Residual Soil Contamination

To delineate the extent of residual hydrocarbons in the soil, on September 30, 1994, a RESNA field geologist observed Exploration GeoServices of San Jose, California, advance one on-site boring (MW-1) to a depth of 23 feet below grade at the project site to accomplish the following: 1) investigate the vertical extent of potential petroleum hydrocarbon soil contamination; 2) further define soil stratigraphy; and 3) install a groundwater monitoring well within the uppermost aquifer to assess groundwater quality. The location of boring/well MW-1 is shown on Figure 2. The locations of all historic boring/well locations at this site are presented in Appendix A (Site Plan, Figure 2, Ensco 1990).

Soil samples were collected from boring MW-1 for analysis of petroleum hydrocarbons and to characterize the geology beneath the site. Samples were typically collected at 5-foot intervals. Samples were identified using visual and manual methods and classified according to the Unified Soil Classification System. Soil cuttings generated during drilling were stockpiled with soil removed from the former underground storage tank cavity. The geologist also analyzed the samples with a field photoionization detector (PID) to characterize the relative levels of hydrocarbon vapors emitted by the soil samples. Field methods employed during the investigation are summarized in Appendix D. Descriptions of the material encountered and PID readings are presented in the Logs of Borings, Appendix E.

Soil samples collected from the boring MW-1 were transported to a state certified laboratory for analysis of TPHg, BTEX, TPHd using EPA Methods 8015/8020. Benzene was the only petroleum hydrocarbon residual soil contamination detected in the soil samples collected from the boring. Benzene was detected in the sample collected from 5 feet below ground surface (bgs). A summary of laboratory results for soil are presented in Table 1.

3.4 Assessment of Groundwater Contamination

In order to assess the extent of dissolved hydrocarbons in groundwater in the vicinity of the former UST excavation, boring MW-1 was completed as a groundwater monitoring well (MW-1) on September 30, 1994. The well location is shown on Figure 2. Well construction details are shown on the boring/well logs presented in Appendix E.

A RESNA technician monitored and developed monitoring well MW-1 on October 7, 1994 and sampled the well on October 11, 1994. Well development procedures are described in Appendix D. The groundwater sample collected was submitted to a state-certified laboratory for analysis for TPHg, BTEX and TPHd. TPHd was the only residual petroleum hydrocarbon detected in the sample at a concentration of 140 parts per billion.

Groundwater was monitored and sampled in well MW-1 on January 11, 1995 and on April 10, 1995 by a RESNA/Smith Environmental technician. The purpose of groundwater monitoring was to verify the extent of hydrocarbons in groundwater, monitor the fluctuations in concentrations of dissolved hydrocarbons in groundwater, and monitor the depth to groundwater. A cumulative record of groundwater monitoring and sampling data is presented in Table 2. Copies of field notes and laboratory reports are included in Appendix F.

3.5 Remedial Actions

3.5.1 Soil Remediation

Soil remedial actions consisted of source removal conducted during the excavation of five underground tanks in June 1991. Excavation of soil was terminated when groundwater was encountered nine feet bgs. Excavated soil was stockpiled on plastic and separated into two piles; one containing soil showing apparent gross contamination (in the form of stains and/or odor) and other appearing to be uncontaminated. Soil samples were taken from the bottom of each of the tank excavations. These samples were analyzed for the representative fuels of the removed tanks and their constituents: TPHg, TPHd, BTEX, and organic lead. Additionally,

three soil samples were taken from each stockpile and composited before being analyzed for the same constituents.

Analytical results of the excavation and stockpile soil samples are presented in Tables 1 and 3 as mentioned previously. The concentrations of the selected products and constituents in the soil, before and after removal and treatment of highly contaminated soils, are summarized in the attached Site Closure Summary (Appendix G). Benzene was the only constituent present at detectable concentrations in the soil following treatment and removal.

3.5.2 Groundwater Remediation

On September 30, 1994, an onsite soil boring was advanced to a depth of 23 feet bgs and developed as monitoring well MW-1. A groundwater sample from this well was analyzed at a state-certified testing laboratory for BTEX, TPHg and TPHd. Petroleum hydrocarbon analytes with a concentration of 140 ppm were detected in the test for TPHd. However, the laboratory chromatogram for this sample did not indicate that the sample matrix was a diesel mix. Similar results were obtained in January 1995 and April 1995. Unidentified hydrocarbons with concentrations of between 130 and 200 ppb were found in groundwater samples from MW-1, but due to the relatively low levels of dissolved petroleum hydrocarbons detected in the groundwater, active groundwater remediation was not initiated at the site. The Regional Water Quality Control Board has given consent for Smith Environmental prepare and submit this site closure report.

4.0 EXISTING CONDITIONS

4.1 Soil Conditions

The site is currently being operated as a Senior Center recreational facility. The site is underlain partially by fill and partially by soils comprising silty and clayey sands, silty and sandy clay, and clay. These predominantly fine-grained soils are relatively impermeable with respect to migration of a contaminant plume. No residual soil contamination is known to remain at this site. The volume of contaminated soil previously removed from this site was estimated at approximately 150 cubic yards. The previously affected area is now covered with an asphalt parking lot and a planter structure above monitoring well MW-1. The asphalt cap retards the leaching of surface water into the soil in this area.

4.2 Groundwater Conditions

Subjective observations, field purge logs, and laboratory data sheets for the most recent sampling event (April 10, 1995) are included in Appendix F.

Low levels of unidentified hydrocarbon analytes were initially detected in January 1995. Although these analyte concentrations (130 to 200 ppb) resulted from testing the groundwater for TPHd, gas chromatogram patterns do not match diesel. It appears groundwater has not been impacted by TPHd. TPHg and BTEX concentrations were nondetectable.

5.0 SPECIFIC INFORMATION FOR CLOSURE REQUEST

5.1 Introduction

This section provides information specifically required for closure review as per the October 7, 1993 Appendix A to the Tri-Regional Recommendations.

5.2 Rationale for Closure

The majority of the impacted soil in the vicinity of the former tank locations was removed during excavation activities in June 1991. The estimated volume of affected material removed is approximately 150 cubic yards. Based upon analytical results of composite soil samples collected from the stockpiled soil, including that which was bioremediated on-site, the excavated soil was eventually classified as inert material and sent to the Vasco Road Landfill in Livermore, California. The extent of the excavated area is shown in Appendix A.

There does not appear to be any residual groundwater contamination at this site. If any does exist, it is localized in the vicinity of MW-1, and is not expected to pose a danger to public health. This expectation is based upon historical groundwater data which shows a general decreasing trend in contaminant concentrations, the lack of domestic or production wells in the immediate vicinity, the high adsorbancy of the soil type (silts with some clay), and the minimization of infiltration due to the overlying asphalt cap.

5.3 Site Specific Information Summary

- Depicted on enclosed figures are the site location and nearby surface waters (Figure 1), the site plan (Figure 2), former tank locations (Appendix A), and well and boring locations (Appendix A).

- Water level data are presented in Table 2. During the investigative history of the site depth to groundwater has ranged from 5.01 feet bgs in well MW-6 to 10.94 feet bgs in well MW-4.

- Tables 1 and 3 present the soil analytical results.

- Soil remediation methodology is described in Section 3.4.1 Soil Remediation. Petroleum hydrocarbon impacted soil was excavated, to the extent physically possible, from the site. Some of the excavated soil was bioremediated, classified as inert material, and sent to the Vasco Road Landfill in Livermore, California.

- No subsurface groundwater remediation system has been recommended or installed. Groundwater has not been significantly impacted. Table 2 presents the groundwater analytical results. Historical analytical results indicate a decreasing trend in dissolved contaminants. Natural biodegradative and dispersion properties are expected to reduce contaminants to below laboratory detection levels over time. The site is capped with asphalt concrete and structures. It is not expected that public health or beneficial uses will be adversely affected.

- Excavation was the Best Available Technology for soil remediation at the site. Removal of all petroleum hydrocarbon impacted soil was possible by excavation.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Source removal excavation succeeded in removing from the subsurface all encountered petroleum hydrocarbon contaminated soil.

Analytical results indicate that natural biodegradative and dispersion processes will reduce low levels of contaminants in groundwater over time. Case closure is recommended.

7.0 REFERENCES

California Regional Water Quality Control Board, Central Valley Region (1991). Tri-Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks, Tri-Regional Recommendations, Appendix A: Central Valley Regional Board Reporting Requirements., Rev. October 7, 1993.

Ensco Environmental Services, February 1990. Soil and Groundwater Investigation at City of Pleasanton Corporation/Maintenance Yard, 5353 Sunol Boulevard, Pleasanton, California. Project No. 17346.

Exceltech/RESNA Industries, October 11, 1994. Final Report on Tank Excavation Project, Senior Center Environmental Cleanup. Project No. 3-10054-11.

Norris, R.M., and R.W. Webb (1990). Geology of California (Second Edition), John Wiley & Sons, Inc., 541 pp.

RESNA Industries, November 28, 1994. Summary Letter Report, Soil and Groundwater Investigation at Former City of Pleasanton Corporation Yard, 5353 Sunol Boulevard, Pleasanton, California. Project No. 130050.01

Smith Environmental, February 28, 1995. Groundwater Sampling Report, Former City of Pleasanton Corporation Yard, 5353 Sunol Boulevard, Pleasanton, California. Project No. 94-344-002-310

Smith Environmental, June 8, 1995. Groundwater Sampling Report, Former City of Pleasanton Corporation Yard, 5353 Sunol Boulevard, Pleasanton, California. Project No. 94-344-002-310

Wagner, D.L., Bortugno, E.J., and R.D. McJunkin (1990). Geologic Map of the San Francisco-San Jose Quadrangle, Scale 1:250,000, California Department of Conservation, Division of Mines and Geology, Regional Geologic Map Series, Map No. 5A (Geology)

TABLE 1

SUMMARY OF ANALYTICAL RESULTS
FOR PETROLEUM HYDROCARBONS IN SOIL
Former Corporation Yard
City of Pleasanton
5353 Sunol Boulevard
(Page 1 of 1)

(Measurements in feet)

Sample Number	Sample Depth (ft)	Sampling Dates	TPHg (ppm)	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl Benzene (ppm)	Total Xylenes (ppm)
MW2-1	6	11/09/89	7.7	1500	<0.05	0.073	0.72	0.13
MW2-2	11	11/09/89	<0.5	1.9	<0.05	<0.05	<0.2	<0.05
MW3-1	5.5	11/09/89	<0.5	6.7	<0.05	<0.05	<0.2	<0.05
MW3-2	10.5	11/09/89	<0.5	2.3	<0.05	<0.05	<0.2	<0.05
A-1	9.5	06/11/91	<1.0	-	<0.005	<0.005	<0.005	<0.005
B-2	11.0	06/11/91	260	-	18	55	11	87
B-3	10.5	06/11/91	7.1	-	0.34	<0.005	0.048	1.9
C-1	10.0	06/11/91	<1.0	-	<0.005	<0.005	<0.005	<0.005
C-2	10.0	06/11/91	<1.0	-	<0.005	<0.005	<0.005	<0.005
AC-1	-	06/11/91	<1.0	-	<0.005	<0.005	<0.005	<0.005
SA-1,2,3	-	06/11/91	<1.0	16	<0.005	<0.005	<0.005	<0.005
SB-1,2,3	-	06/11/91	<1.0	13	<0.005	<0.005	<0.005	<0.005
MW1-1-5	5	09/30/94	<1.0	<1.0	0.012	<0.0050	<0.0050	<0.0050
MW1-2-10	10	09/30/94	<1.0	<1.0	<0.05	<0.0050	<0.0050	<0.0050

Hg = Total petroleum hydrocarbons as gasoline
Hd = Total petroleum hydrocarbons as diesel
m = Parts per million

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TABLE 2

SUMMARY OF ANALYTICAL RESULTS -GROUNDWATER
Former Corporation Yard
City of Pleasanton
5353 Sunol Boulevard
(Page 1 of 1)

(Measurements in feet, Lab Results in ug/l)

Date	Well ID	Well Elev.	Depth to Water	Ground Water Elev.	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	TPHg	TPHd
02/15/85	P-1	326.06	—	—	—	—	—	—	—	—
12/14/89	P-1	326.06	10.02	316.04	—	—	—	—	—	—
11/14/86	MW-1	326.04	—	—	4	<0.50	—	2.1	130	—
12/09/86	MW-1	—	—	—	27	<0.50	—	<0.50	—	—
12/14/89	MW-1	326.04	7.17	318.87	<0.50	<0.50	<0.50	<2	<50	140[1]
12/14/89	MW-2	327.02	8.67	318.35	<0.50	<0.50	<0.50	<2	<5	<50
12/14/89	MW-4	327.14	10.94	316.80	—	—	—	—	—	—
12/14/89	MW-6	325.03	5.01	320.02	—	—	—	—	—	—
10/11/94	MW-1	---	7.95	---	<0.50	<0.50	<0.50	<0.50	<50	140[1]
01/11/95	MW-1	---	6.04	---	<0.50	<0.50	<0.50	<0.50	<50	130[1]
04/10/95*	MW-1	---	7.68	---	<0.50	<0.50	<0.50	<0.50	<50	200[2]

NOTES:

ug/l	=	Micrograms per Liter or ppb = Parts per Billion
TPHg	=	Total Petroleum Hydrocarbons as Gasoline
TPHd	=	Total Petroleum Hydrocarbons as Diesel
<	=	Not Detected at or Above Stated Detection Limits
1	=	Non Diesel Mix
2	=	Unidentified Hydrocarbon
---	=	Not Analyzed/Not Measured

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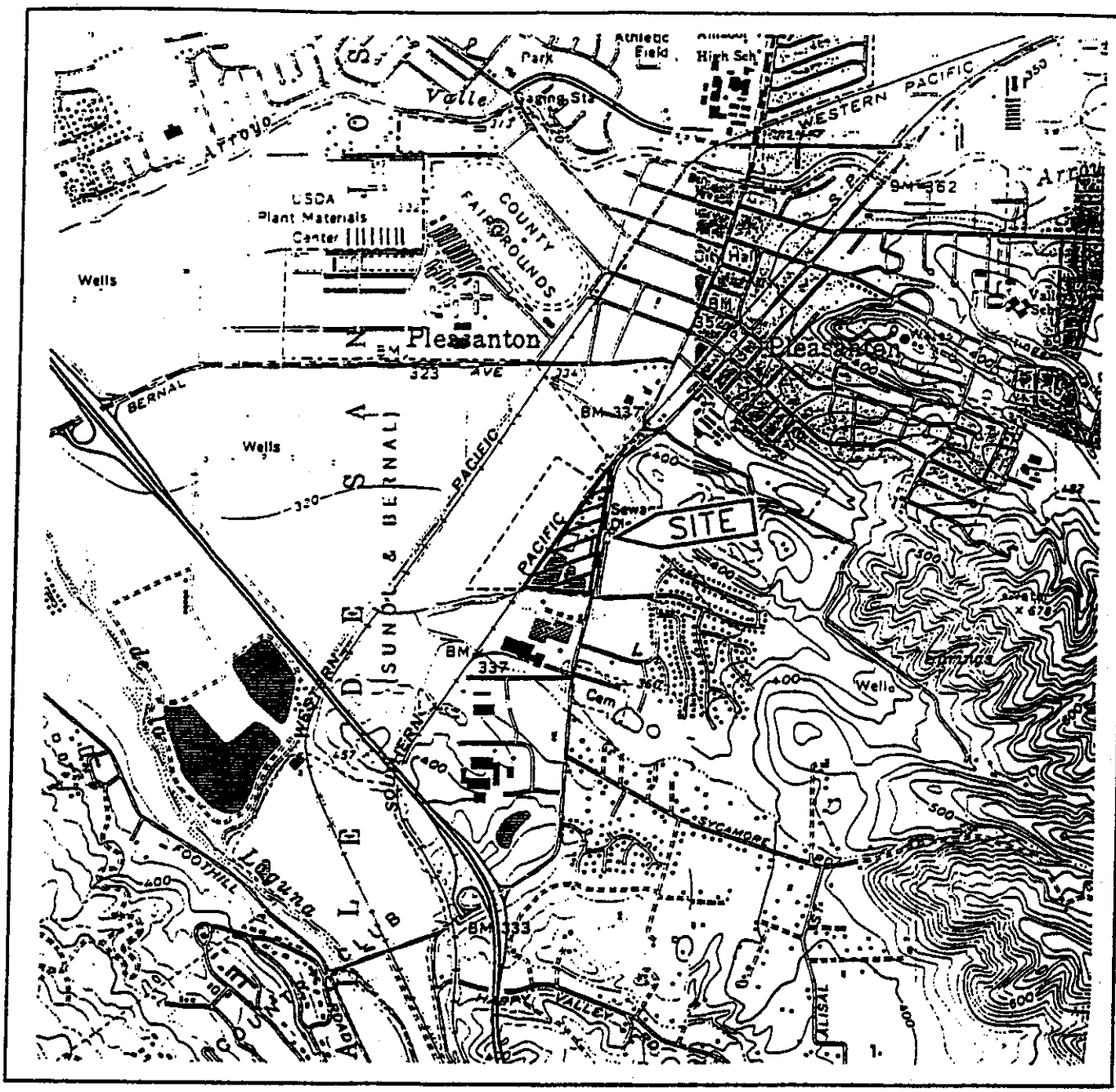
TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR PRIORITY METALS IN SOIL
Former Corporation Yard
City of Pleasanton
5353 Sunol Boulevard
(Page 1 of 1)

(Measurements in feet, Lab Results in ppm)

Sample Number	Sample Depth (ft)	Sampling Dates	Sb	As	Be	Cd	Cr	Cu	Pb	Hg	Ni	Se	Ag	Tl	Zn
SB1-2	10.5	11/07/89	0.72	2.4	<0.3	<1.0	81	1200	16	0.025	81	<0.05	<0.5	<0.08	360
SB2-1	5.5	11/07/89	0.22	2.6	<0.3	<1.0	29	27	6	0.059	25	<0.05	<0.5	<0.08	39
SB9-1	4.5	11/07/89	0.12	3.4	<0.3	<1.0	43	86	11	0.0078	52	<0.05	<0.5	<0.08	70
SB14-2	9.5	11/08/898	0.28	7.5	<0.3	<1.0	77	63	16	0.070	73	<0.05	<0.5	<0.08	73
MW4-1	5.5	11/09/89	0.31	1.8	<0.3	<1.0	24	23	28	0.065	24	<0.05	<0.5	0.16	45
MW5-1	6	11/09/89	0.25	3.2	<0.3	<1.0	61	58	13	0.015	71	<0.05	<0.5	<0.08	73

ppm = Results in parts per million or milligrams per kilogram
<0.5 = Not detected at or above the indicated direction limit
Sb = Antimony
As = Arsenic
Be = Beryllium
Cd = Cadmium
Cr = Chromium
Cu = Copper
Pb = Lead
Hg = Mercury
Ni = Nickel
Se = Selenium
Ag = Silver
Tl = Thallium
Zn = Zinc

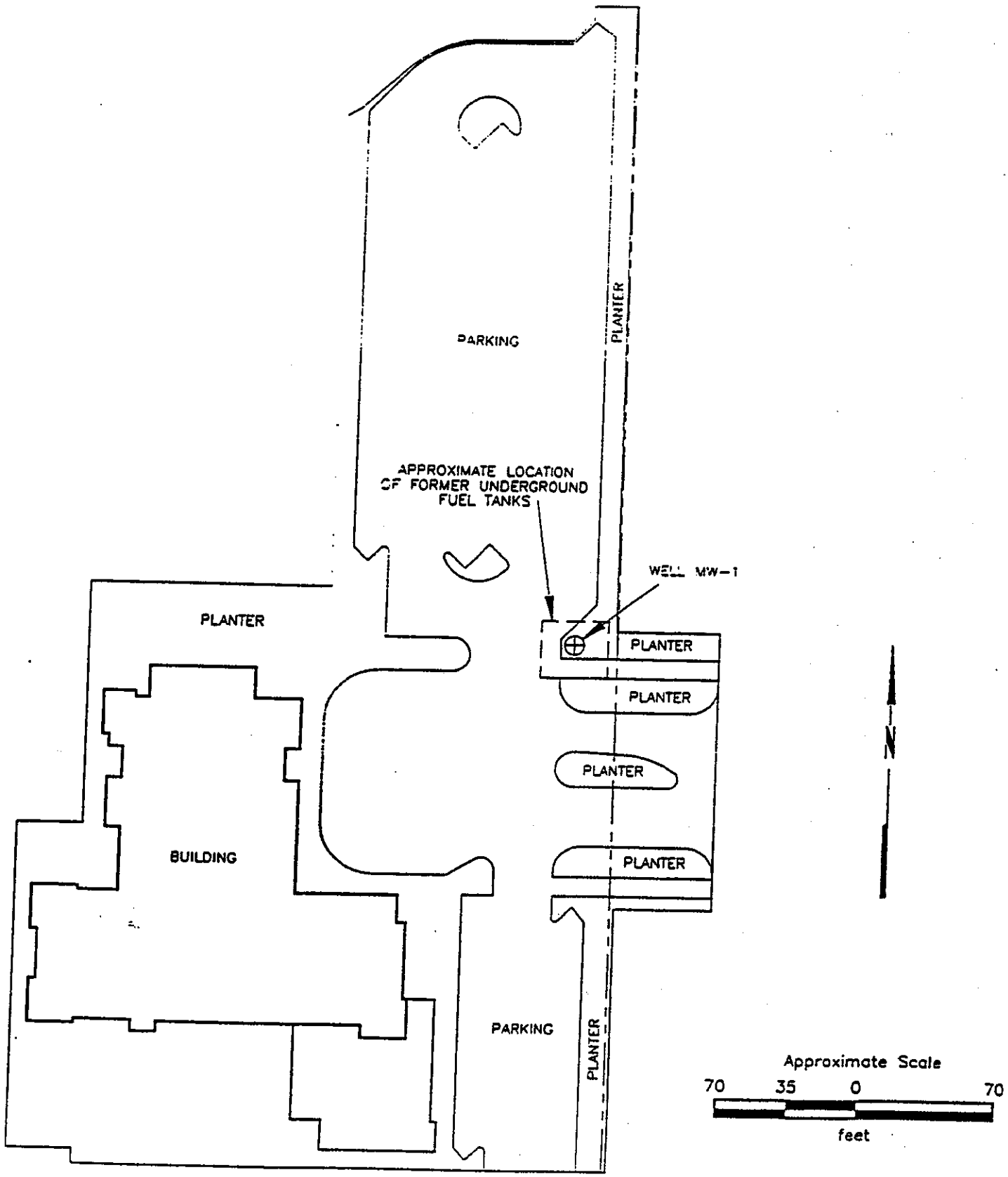


SOURCE: U.S. GEOLOGICAL SURVEY
7.5-MINUTE QUADRANGLES
LIVERMORE/DUBLIN, CALIFORNIA
PHOTOREVISED 1980

N

Approximate Scale
2000 1000 0 2000
feet

SMITH	SITE VICINITY MAP FORMER CORPORATION YARD CITY OF PLEASANTON 5353 SUNOL BOULEVARD PLEASANTON, CALIFORNIA	FIGURE 1
PROJECT 94-344-002		

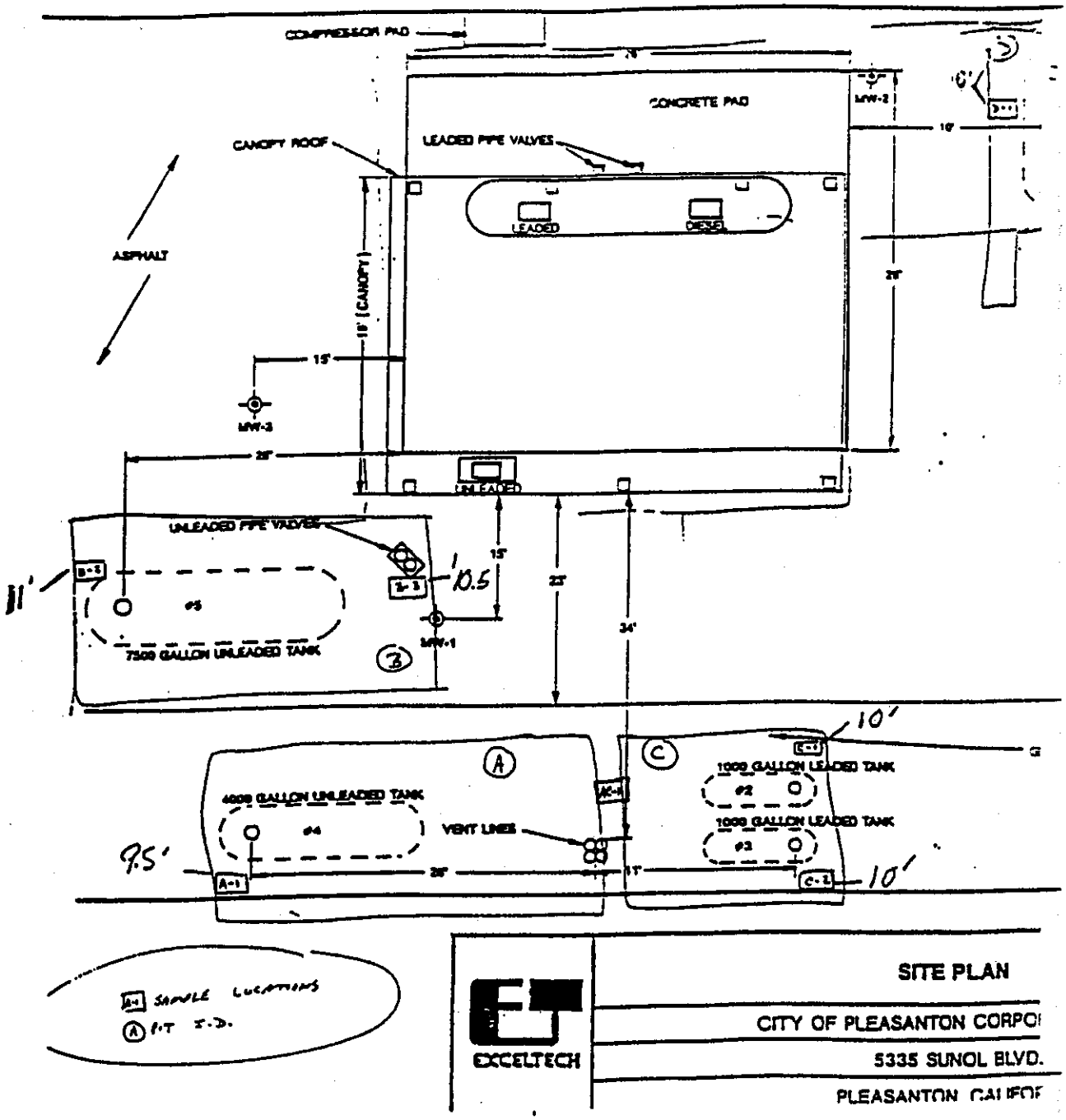


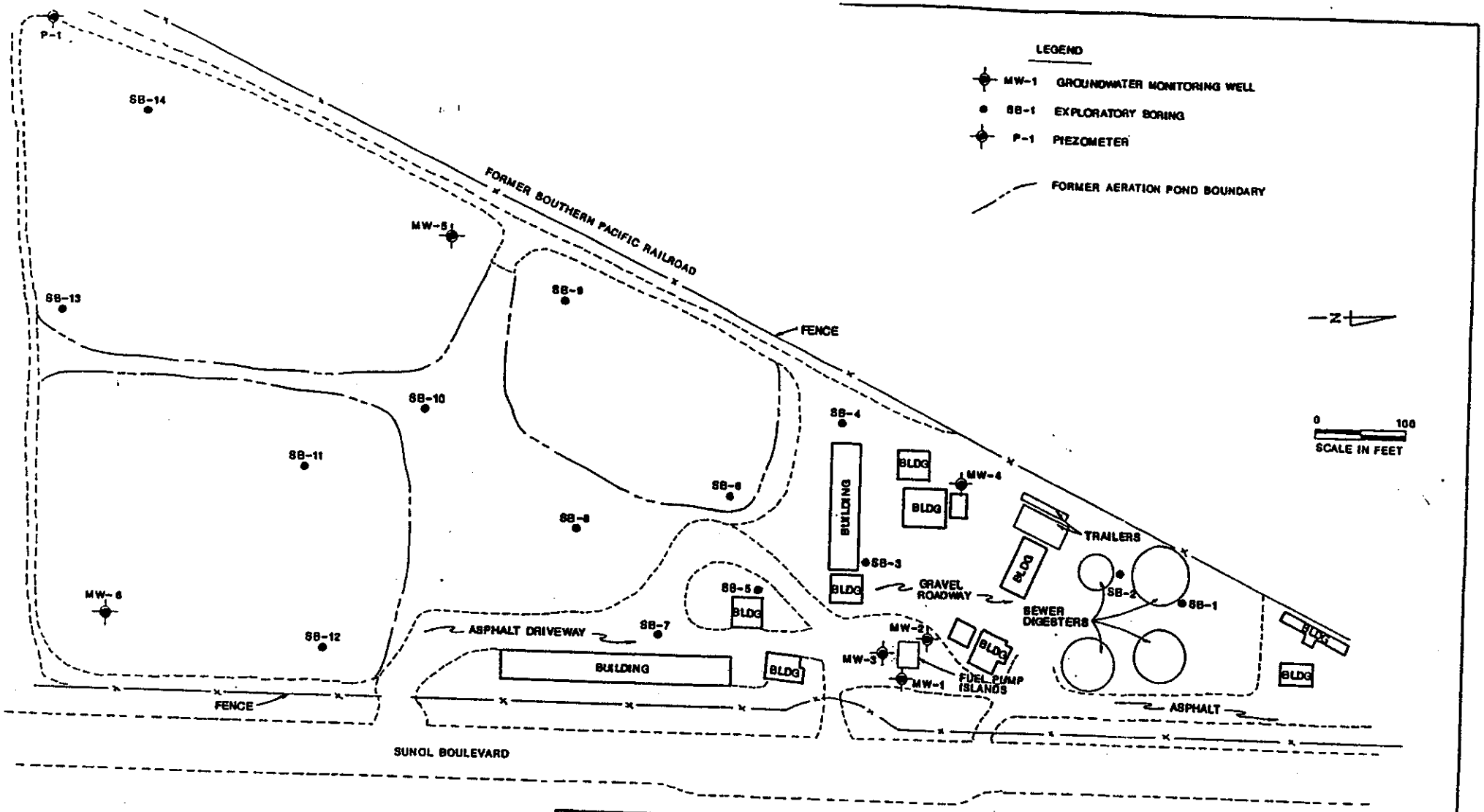
SMITH

PROJECT 94-344-002

GENERALIZED SITE PLAN
City of Pleasanton
5353 Sunol Boulevard
Pleasanton, California

FIGURE 2

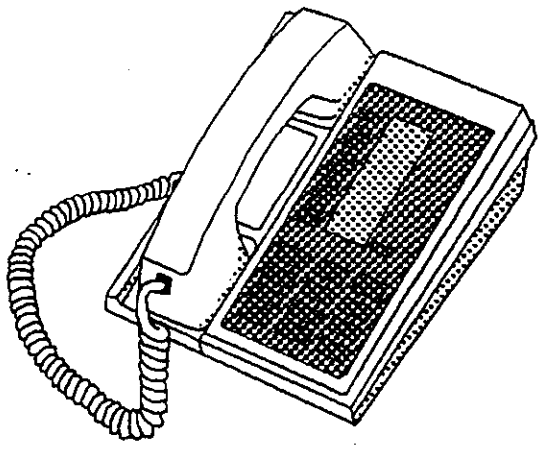

COMPRESSOR PAD
CONCRETE PAD
CANOPY ROOF
LEADED PIPE VALVES
LEADED
DIESEL
ASPHALT
18' (CANOPY)
15'
MW-3
25'
UNLEADED PIPE VALVES
11'
10.5'
7500 GALLON UNLEADED TANK
MW-1
23'
34'
10'
4000 GALLON UNLEADED TANK
VENT LINES
1000 GALLON LEADED TANK
1000 GALLON LEADED TANK
9.5'
10'
SINGLE LUCATIONS
P.T S.D.
EXCELTECH
SITE PLAN
CITY OF PLEASANTON CORPO
5335 SUNOL BLVD.
PLEASANTON CALIFOR



ensco environmental services, Inc.	**SITE PLAN**	REVIEWED BY:	APPROVED BY:
	CITY OF PLEASANTON CORPORATION/MAINTENANCE YARD	DESIGNED BY:	DATE:
	5335 SUNOL BOULEVARD	JOB #: 1734G	DRAWN BY: J.C.
	PLEASANTON, CALIFORNIA	DATE: 12-21-89	DRAWING #: FIG. 2

January 21, 1994

PUBLIC WORKS ADMINISTRATION
ENGINEERING DEPARTMENT
PHONE: (510) 484-8040/8041
FAX: (510) 484-8291



TO: *Sum Arigala*

COMPANY: *BARWQCB*

FAX NO: *286-1380*

NUMBER OF SHEETS THIS TRANSMITTAL INCLUDING TRANSMITTAL FORM): 33

COMMENTS: *Transmitting letter with attachments RE Pleasanton Corporation Yard - Sunol Boulevard*

FAX'd & mailed 1/21/94

CITY OF PLEASANTON

P.O. BOX 520 PLEASANTON, CALIFORNIA 94566-0802

CITY OFFICES
123 MAIN STREET

CITY COUNCIL
484-8001

CITY MANAGER
484-8008

CITY ATTORNEY
484-8003

CITY CLERK
484-8235

FINANCE
484-8033

PERSONNEL
484-8012

CITY OFFICES
200 OLD BERNAL AVE.

PLANNING
484-8023

ENGINEERING
484-8041

BUILDING INSPECTION
484-8015

COMMUNITY SERVICES
484-8160

WATER - BILLING
484-8038

FIELD SERVICES
3333 BUSCH RD.

SUPPORT SERVICES
484-8067

PARKS
484-8056

SANITARY SEWER
484-8061

STREET
484-8066

WATER
484-8071

FIRE
4444 RAILROAD AVE.
484-8114

POLICE
4833 BERNAL AVE.
P.O. BOX 909
484-8127

January 20, 1994

Sum Arigala
Bay Area Regional Water
Quality Control Board
2101 Webster Street, Suite 500
Oakland, CA 94612

FAX: 286-1380

Dear Mr. Arigala:

Pleasanton Corporation Yard - Sunol Boulevard

The City of Pleasanton has constructed a new Senior Center recreational facility on the old Corporation Yard site at 5353 Sunol Boulevard. Prior to construction of the new facility, the City of Pleasanton removed the underground fuel storage tanks and took all remedial actions required. The City hired the firm Exceltech/RESNA to fulfill the obligations of site closure required by EPA standards.

On June 3, 1991, the City representatives and Exceltech/RESNA met to discuss permit conditions and conformance. Erosion control measures, soil stockpiling procedures, and site restoration work were also reviewed and confirmed. (For further information see Exceltech/RESNA letter dated October 11, 1991 attached).

On June 11 and 12, 1991, residual hydrocarbon products were pumped out of all tanks, and transported on hazardous waste manifests to H & H Environmental Services TSD, San Francisco, California.

Tank excavation began on June 12, 1991.

During soil removal and disposal, it was found that some of the backfill material required bioremediation for the reduction of TPH from diesel, gasoline, and oil and grease. The soil was biologically treated to below disposal limits and transported to Vasco Landfill and disposed of in accordance with all local, state, and federal guidelines. During the excavation as the preliminary soils investigation had indicated, ground water was encountered. Since the water was in direct contact with the contaminated soil, the water was pumped out and was disposed of in accordance with all local, state, and federal guidelines. The ground water was pumped until it appeared that all ground water entering the excavation was clear. A total of 3700 gallons of ground water was pumped from the excavation site. After the pumping

was stopped, two samples of the remaining ground water were taken for analyses. These test results are labelled "B" and "D" 7/3/91, Sample Numbers 1070780, and 1070781. Both of these tests indicated the ground water was below detectable limits for contaminants.

At the time of tank removal, drums were discovered and removed. The soils associated with these drums were tested and removed to the soil treatment cell for bioremediation. The drums were overpacked, stabilized, and transported to Envirosafe Services for disposal.

The contaminated soil that was treated on-site was sampled and consequently removed on August 15, 1991. At that time the City believed that the site was clean and ready for construction of the new Senior Center.

The City had assumed that EPA (BARWQCB) had cleared the land as a hazardous waste site. Recently the City received a inquiry from a local real estate agency asking why the City's old Corporation Yard on Sunol Boulevard was listed as a hazardous waste site. Not until the City contacted EPA was it discovered the site had not been cleared by EPA. During the clean up of the site, the City had been working with the Bay Area Air Quality Management District inspector so that there would not be any question that everything had been done to close the site.

When the City contacted the BARWQCB office about getting the necessary paper work to clear the site, the City was told monitoring wells needed to be installed on the site near the underground fuel tanks, and that these wells must be sampled quarterly until such time as four consecutive quarters are clean.

The City's position is that everything required by EPA was done at the time the site was cleaned. An EPA inspector was present during all phases of the cleanup. The final report was sent to EPA after it was completed by our consultant Exceltech/RESNA. It was not until the City received an inquiry about the site that it was aware that additional monitoring would be required. The City believes that everything was done properly at the time the tanks were removed. The ground water was sampled after 3700 gallons of ground water were pumped out of the excavation. There were no detectable amounts of contamination in any of the water samples. Therefore, we ask that EPA reconsider their requirement that the City invest additional time and money to do further monitoring after the site has already been cleared by the EPA inspector.

Consideration of the findings in Exceltech/RESNA's letter for site closure would be greatly appreciated so that additional expense to the City, for what appears to be a possible duplication of information would not occur.

If you have any questions, please contract me at (510) 484-8041.

Very truly yours,

Roger D. Higdon
City Engineer

LETTERS\BARWQCB.rdh.wj.cv.sm

Attachment: Exceltech/RESNA's letter 10/11/93

CC: Michael Roush
Bob Williams
Ted Klenk

EXCELTECH A RESNA Company

RESNA
Environmental Solutions
Through Applied Science,
Engineering & Construction

41674 Christy Street
Fremont, CA 94538
Phone: (510) 659-0404
Fax: (510) 651-4677

October 11, 1991
Project No. 3-10054-11

City of Pleasanton
4444 Railroad Street
Pleasanton, CA 94566

Attention: Mr. Rick Mueller

Subject: Final Report on Tank Excavation Project
Senior Center Environmental Cleanup

Dear Mr. Mueller:

Exceltech/RESNA has completed all work associated with the removal and closure of five underground fuel storage tanks from the former Public Works site in Pleasanton, California. The tank removal project was completed as the initial phase of a compliance program designed to respond to cleanup order issued by the City of Pleasanton.

Prior to beginning the project, the Regional Water Quality Control Board — Region 7 and City of Pleasanton Fire Department were notified of the project's start date. Necessary permits were completed by Exceltech/RESNA.

Tank Excavation, Removal, and Closure

Excavation of the existing surface covering the site began during the week of June 6, 1991 in preparation for the tank excavation work.

On June 3, 1991, an Exceltech/RESNA field supervisor met with a representative of the City of Pleasanton on-site to ensure that certain permit conditions would be met during the project. Erosion control measures, soil stockpiling procedures, and site restoration work were reviewed and confirmed.

During June 11 and 12, 1991, residual hydrocarbon products were pumped out of all tanks by H&H Environmental Services (H&H). A total of 3,700 gallons of product was removed and transported on hazardous waste manifests to H&H Environmental Services TSD, San Francisco, California.

Tank excavation work began on June 12, 1991. Asphalt covering these vessels was broken and peeled back for disposal to a local Class III landfill. Using an appropriate backhoe, these tanks were exposed and prepared for excavation. Dry ice was added to each tank at a rate of 1.5 pound dry per 100 gallons of tank capacity. A portable organic vapor analyzer (OVA) meter was used to

verify that each tank was properly purged of oxygen prior to removal. Representatives of the City of Pleasanton Fire Department were on-site to witness all activities associated with the removal of the vessels. All five tanks were loaded by Exceltech/RESNA personnel onto a H&H flatbed for transport to this company's designated facility in San Francisco, California. The tanks were transported on a proper hazardous waste manifest.

Soil removed during the excavation was stockpiled on visqueen to prevent any loss or runoff from the site. Groundwater was encountered at a depth of 9 feet. Areas of heavy fuel contamination in the soil and groundwater were noted by Exceltech/RESNA field crew personnel. Grossly contaminated soil was stockpiled separately from other portions of the backfill material that appeared to be less contaminated. Soil samples were collected for analysis as well as water samples. Samples were analyzed for total petroleum fuel hydrocarbons (TPH) with benzene, toluene, ethyl benzene, and xylene (BTEX) distinction consistent with the type of petroleum products contained in the tanks. Two soil samples were also analyzed for total organic lead.

Excavation of the contaminated backfill material was terminated once groundwater was encountered. Compaction of the new backfill material was completed to subgrade.

The final phase of the excavation project was the removal of the two 1,000-gallon tanks. Contaminated backfill was noted by Exceltech/RESNA field crews during excavation. Grossly contaminated material was separated from cleaner soil. All stockpiled material was placed on visqueen and covered at the close of business each day. Both tanks were prepared for removal on June 13, 1991. Dry ice was added to each tank at a rate of 1.5 pounds dry ice per 100 gallon tank capacity. A portable OVA meter was used to verify that both tanks were rendered inert prior to removal. A representative of the City of Pleasanton Fire Department witnessed the removal. Both tanks were loaded onto a flatbed vehicle. H&H transported both tanks to its designated facility in San Francisco, California. The tanks were transported on a hazardous waste manifest. Product piping associated with these tanks was removed from the site.

Two soil samples were collected from the excavation end walls. Consistent with the products contained within the tank, the samples were analyzed for TPH, BTEX, and total organic lead.

Copies of hazardous waste manifests documenting disposal of tank contents and underground tanks are attached to this report Copies of analytical data are also included.

Soil Removal and Disposal

Based upon analytical results from soil and groundwater samples collected during the excavation of the underground tanks, it was determined that some backfill material required bioremediation for the reduction of TPH as diesel, TPH as gasoline, and oil and grease. Approximately 150 cubic yards of contaminated soil backfill was biologically treated to below disposal limits. This soil was then transported to Vasco Landfill and disposed of in accordance with all local, state, and federal guidelines. Copies of disposal certificates documenting soil disposal are attached.

Site Restoration

Soil removal was completed on August 15, 1991. The site was cleaned by Exceltech/RESNA field crews.

Drums Removal

During the removal of the tanks, drums were discovered and were removed by request of the City of Pleasanton. Soils associated with this drum removal were tested and removed to the soil treatment cell for bioremediation. Drums were over packed, stabilized, and transported to Envirosafe Services for disposal. Copies of manifests are on file with the Pleasanton Fire Department.

Asbestos Survey

Upon completion of contractor's job walk for the demolition of the structures on this site, it was discovered that there was a potential problem with asbestos. The city contracted with Exceltech/RESNA to do a survey of asbestos to delineate the extent of contamination. This was completed and a copy of the survey is on file with the City.

If you have any further questions or comments, please do not hesitate to contact this office.

Sincerely,
Exceltech/RESNA

John R. Lamb
Program Manager

JRL/da
Attachments

cc: Mr. Jim Schachner

SUMMARY OF LABORATORY RESULTS

The results of soil and groundwater analyses are summarized in Tables 2, 3, and 4. The analytical reports from the state-certified laboratory are attached in Appendix D.

Laboratory analyses revealed TPHD contamination in all soil samples from MW-2 and MW-3. TPHG and BTEX contamination was detected in sample MW2-1, which was obtained at 6 feet below the surface. Borings MW-2 and MW-3 were located near the underground fuel tanks and the pump islands.

No volatile organics or PCBs were detected in any of the soil samples selected for analysis. Three pesticides (4,4'-DDD; 4,4'-DDE; 4,4'-DDT) were detected in sample number SB6-1. Laboratory analyses revealed various concentrations of priority metals in several samples. All levels detected are below the TTLCs.

Laboratory analyses revealed hydrocarbon contamination in the groundwater from well MW-3. TPHG was detected at a concentration of 11 ppb, and TPHD was detected at a concentration of 190 ppb. No other contamination was detected in groundwater samples from any of the wells.

DISCUSSION

The borings for wells MW-2 and MW-3 were positioned near the existing underground storage tanks and pump islands (Figure 2). Laboratory analyses of the soil and groundwater samples from these two borings were analyzed for TPHG, BTEX, and TPHD to help determine whether any leaks had occurred in the tanks. TPHG and TPHD contamination was detected in both soil and groundwater samples from MW-3 and in the soil from MW-2. EES obtained a groundwater sample from MW-1, installed by McLaren Environmental Engineering, and analyzed it for TPHG, BTEX, and TPHD. None was detected in sample MW-1. The detection of TPHG, BTEX, and TPHD in the soil and TPHG and TPHD in the groundwater probably indicates that the underground fuel system has leaked in the past and may be currently leaking.

Well MW-4 was positioned near the existing paint storage facility. No PCBs, pesticides, or volatile organics were found in the soil or groundwater samples from MW-4.

Well MW-5 was positioned where electrical transformers were believed to have been used as fill for the aeration ponds. Soil and groundwater samples from MW-5 were analyzed for PCBs, pesticides, and volatile organics. No PCB, pesticide, or volatile organic contamination was detected in these samples.

All soil samples were field checked for the presence of volatile hydrocarbons using a PID: none were detected. Various soil samples were analyzed for the presence of priority pollutant metals. All metal concentrations detected were below the TTLCs as defined in Title 22 of the California Administrative Code. One groundwater sample (MW-4) was analyzed by the laboratory for the presence of priority pollutant metals: none were detected.

RECOMMENDATIONS

Hydrocarbon contamination was detected in soil and groundwater samples collected in the vicinity of the underground fuel tanks and pump islands. EES recommends that further exploratory work be performed so that the extent of the contamination may be determined. A quarterly groundwater monitoring program should be implemented in the fuel system area. The data can then be evaluated and remedial recommendation prepared if warranted.

It is anticipated that the underground fueling system will be excavated and removed prior to development of the site. At that time the hydrocarbon-contaminated soils should be excavated and properly disposed.

REPORTING REQUIREMENTS

A copy of this report should be forwarded by the City of Pleasanton to the following agency in a timely manner:

California Regional Water Quality
Control Board
San Francisco Bay Region
1800 Harrison Street, Suite 700
Oakland, CA 94612-3429

Alameda County Flood Control and Water
Conservation District
Zone 7
5997 Parkside Drive
Pleasanton, CA 94566

LIMITATIONS

The discussion and recommendations presented in this report are based on the following:

1. The exploratory test borings drilled at the site.

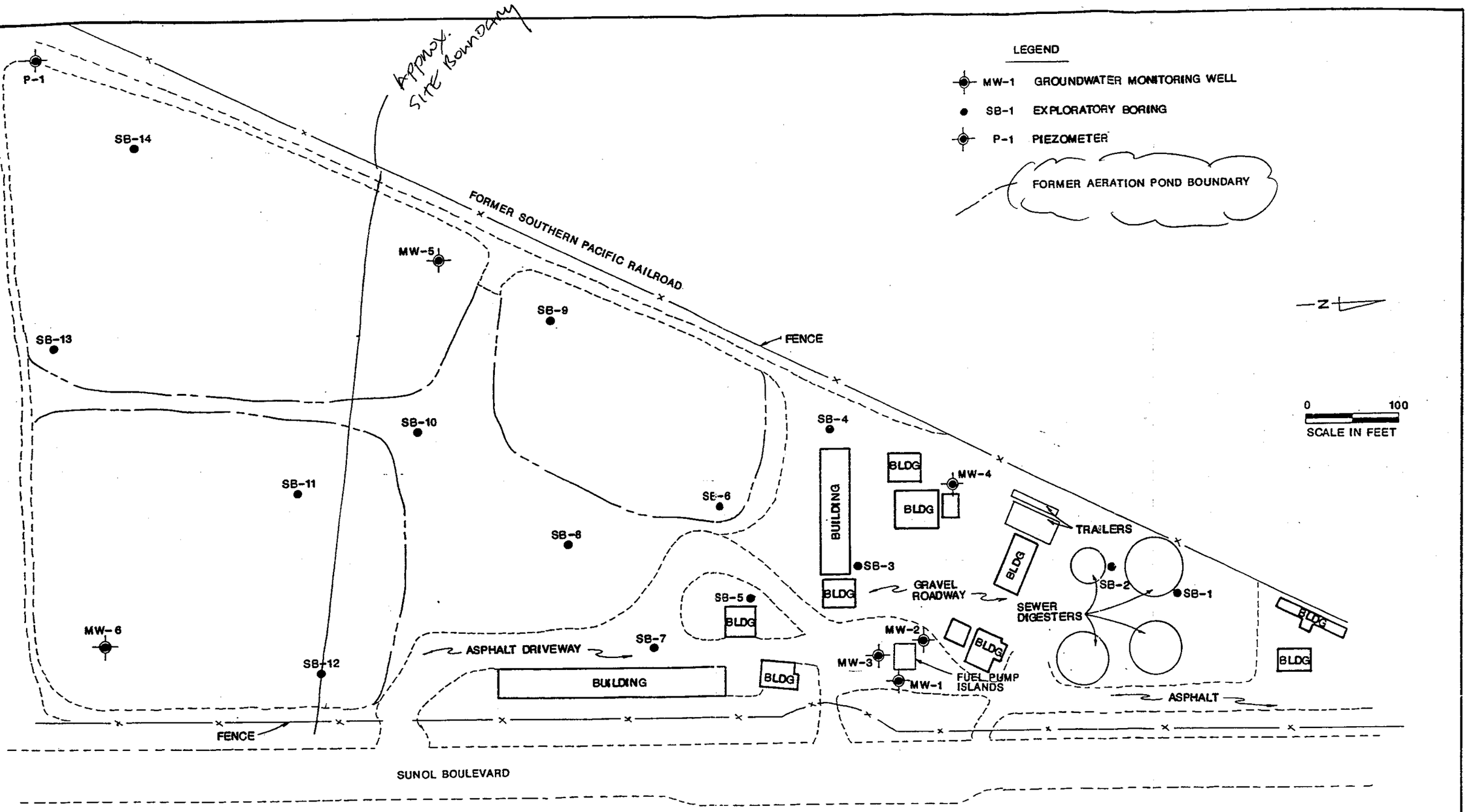
2. The observations by field personnel.

3. The results of laboratory analyses performed by a state-certified laboratory.

4. EES's understanding of the regulations of the State of California, Alameda County, and the City of Pleasanton.

It is possible that variations in the soil or groundwater conditions could exist beyond the points explored in this investigation. Also, changes in the groundwater conditions could occur at some time in the future due to variations in rainfall, temperature, regional water usage, or other factors.

The service performed by EES has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the Pleasanton area. Please note that soil and groundwater contamination must be reported to the appropriate agencies in a timely manner. No other warranty, expressed or implied, is made.



ensco environmental services, inc.

SITE PLAN	REVIEWED BY:	APPROVED BY:
CITY OF PLEASANTON CORPORATION/MAINTENANCE YARD	DESIGNED BY:	DATE:
5335 SUNOL BOULEVARD	JOB #: 1734G	DRAWN BY: J.C.
PLEASANTON, CALIFORNIA	DATE: 12-21-89	DRAWING #: FIG. 2

CIT 881030

SMITH
ENVIRONMENTAL TECHNOLOGIES CORPORATION

Senior Center
Monitoring Wells

July 15, 1996
94-344

Mr. Stephen I. Morse, Chief
Toxic Cleanup Division
California Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland, California 94612

Subject: Well Destruction Report, Former City of Pleasanton Corporation Yard, 5353 Sunol Boulevard, Pleasanton, California

Mr. Morse:

On behalf of the City of Pleasanton, Smith Environmental Technologies Corporation is submitting this letter report which summarizes well destruction activities at the subject site. Prior to field activities, well destruction permits were obtained from the Alameda County Flood Control and Water Conservation District - Zone 7. All work was performed in accordance with California Well Standards Bulletin 74-90.

On June 19, 1996, Smith Environmental supervised the destruction of site monitoring well MW1 by a C57 licensed drilling company. The well was destroyed by overdrilling the well casing to 22 feet below ground surface using 8-inch O.D. hollow stem augers. After the former well boring was drilled out, the boring was backfilled with neat cement from the bottom of the boring to the top using tremie hose. Cuttings from the boring were added to a soil pile on-site in accordance with instructions from Mr. Carlos Villagron of the City of Pleasanton. In addition, purgewater from MW1 was discharged to the ground surface on-site on June 19, 1996 by City of Pleasanton personnel per RWQCB instructions.

If you have any questions regarding this matter please call our office at (209) 579-2221.

Very truly yours,
Smith Environmental Technologies Corporation

William Madison
Geologist

Jeanne Homsey, P.E.
CA Registered Engineer No. C47410

cc: Mr. Carlos Villagron, City of Pleasanton
Mr. Wyman Hong, Alameda County Zone 7

W:\130050\WELLABND.DOC

SMITH

DAMES & MOORE

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SUMMARY REPORT
1996 ANNUAL GROUNDWATER MONITORING
HÜLS AMERICA INC.
5555 SUNOL BOULEVARD
PLEASANTON, CALIFORNIA

Job No. 24185-041-043
January 17, 1997

hüls

HÜLS AMERICA INC.

June 23, 1997

Turner Place, P.O. Box 365
Piscataway
NJ 08855-0365
Tel: (908) 981-5000
Telex ITT: 4754188

Mr. Stephen I. Morse
Division Chief, Toxics
Cal/EPA
San Francisco Bay RWQCB
2101 Webster Street
Suite 500
Oakland, CA 94612

RE: No Further Action Letter--Dated May 2, 1997
Hüls America Inc.
5555 Sunol Boulevard
Pleasanton, Alameda County

Dear Mr. Morse:

Hüls America Inc. requests approval to maintain the five groundwater monitoring wells located at the 5555 Sunol Boulevard, Pleasanton facility and not permanently close them as required in the above referenced letter. The wells are located onsite within a fenced area and are kept locked at all times to prevent unauthorized access.

If you have any questions or require further information, please contact me at 908-981-5453.

Sincerely,

Andrew E. Kruczek
Manager
Environmental Services

cc: R. Henshaw
J. Tinianow
J. Wnek

DAMES & MOORE
A DAMES & MOORE GROUP COMPANY

221 Main Street, Suite 600
San Francisco, CA 94105-1917
415 896 5858 Tel
415 882 9261 Fax

January 17, 1997
Job No. 24185-041-043

Mr. Andrew E. Kruczek
Hüls America Inc.
Turner Place, P.O. Box 365
Piscataway, NJ 08855-0365

Dear Mr. Kruczek:

Summary Report
1996 Annual Groundwater Monitoring
Hüls America Inc.
5555 Sunol Boulevard
Pleasanton, California

This draft summary report presents the results of the 1996 annual groundwater monitoring conducted at the Hüls America Inc. (Hüls) facility located at 5555 Sunol Boulevard in Pleasanton, California. This investigation was performed in response to discussions with the California Regional Water Quality Control Board (RWQCB), San Francisco Bay Region, requesting annual groundwater monitoring to detect the potential presence of mineral spirits in groundwater beneath the site.

BACKGROUND

The Hüls facility is used for the manufacture of pigments for paints and coatings. In August 1983, a release occurred from an underground storage tank (UST) containing mineral spirits. Four monitoring wells, MW-1 through MW-4, were installed between June 1984 and April 1985. Dames & Moore installed two additional downgradient groundwater monitoring wells, MW-5 and MW-6, in June 1993 and performed the second, third and fourth quarters of groundwater sampling during 1993 and all four quarters of groundwater sampling during 1994. Groundwater samples were analyzed for total petroleum hydrocarbons as mineral spirits (TPH-mineral spirits) and benzene, toluene, ethylbenzene and xylenes (BTEX). Analytical results indicated that TPH-mineral spirits were present in the wells closest to the USTs (MW-1, MW-3, and MW-4) at concentrations historically ranging from 2.6 to 750 milligrams per liter (mg/L). In addition, up to

0.36 mg/L ethylbenzene and 0.67 mg/L xylenes have been detected in these wells. TPH-mineral spirits and BTEX have not been detected historically in the downgradient wells MW-5 and MW-6. Downgradient well MW-2 was found to be damaged during the first quarter groundwater monitoring event in 1994, conducted on April 8, 1994. The well was reportedly repaired; however, during subsequent sampling events, MW-2 was found to be obstructed at a depth of approximately 19 feet below ground surface (bgs). Groundwater monitoring reports by Aqua Terra Technologies indicate that historically no detections have been reported for this well. In November 1995, with permission of the RWQCB, MW-2 was abandoned in conjunction with the 1995 annual sampling program.

The RWQCB, by telephone conversation on February 8, 1995, requested that Hüls continue groundwater sampling for TPH-mineral spirits and BTEX on an annual basis for MW-1, MW-3, MW-4, MW-5, and MW-6.

PROCEDURES

The 1996 annual groundwater monitoring included water level measurements for all wells. Groundwater elevations calculated from the water level readings are included in Table 1. The groundwater elevations were used to evaluate the approximate direction of groundwater flow, as presented on Figure 1. Groundwater flow remains in a north-northwesterly direction.

On December 5, 1996, Dames & Moore collected groundwater samples from MW-1, MW-3, MW-4, MW-5 and MW-6. The groundwater monitoring was conducted in accordance with the sampling procedure described in Appendix A. Quality assurance/quality control measures included collection of a duplicate set of samples from well MW-4 and the analysis of a travel blank. The samples were chemically analyzed by Pace Laboratories in Petaluma, California, which is a California certified laboratory. Five groundwater samples and a duplicate sample were analyzed for TPH-mineral spirits by EPA Method 8015-modified and BTEX by the California LUFT Method. In addition, a travel blank was analyzed for BTEX by EPA Method 8015-modified/8020.

RESULTS

Laboratory results of the groundwater samples are summarized in Table 2 and included in Appendix B. Chemical analysis results from 1994 through 1996 are presented in Tables 3 and 4 for comparison. The results indicate that TPH-mineral spirits were present in samples from wells MW-1, MW-3 and MW-4 at the following concentrations: 32 mg/L in MW-1; 41 mg/L in MW-3; and 0.73 and 0.51 mg/L for the field duplicate pair, MW-4 and MW-24, respectively. In addition, low levels of ethylbenzene and xylenes were detected in MW-1, MW-3 and MW-4. All detections were well below the Maximum Contaminant Levels (MCLs) for these analytes. Benzene and toluene were not detected above laboratory reporting limits in any of the groundwater samples analyzed. There were no detections above laboratory reporting limits for TPH-mineral spirits or BTEX in MW-5 and MW-6.

CONCLUSIONS AND RECOMMENDATIONS

Laboratory analyses indicate that TPH-mineral spirits and low levels of ethylbenzene and xylenes are present in groundwater near the USTs at the site. The highest detections of TPH-mineral spirits were in samples collected from monitoring wells MW-1 and MW-3, the two wells closest to the USTs. Detections of ethylbenzene and xylenes were highest in samples collected from monitoring well MW-1 and slightly lower in samples collected from monitoring wells MW-3 and MW-4. There were no detections above laboratory reporting limits for benzene or toluene in any of the samples collected. No detections above laboratory reporting limits for any of the analytes were reported for samples collected from monitoring wells MW-5 and MW-6.

Chemical analytical data for sampling conducted from 1994 through 1996 are presented in Tables 3 and 4 for comparison. Although detections of TPH-mineral spirits in MW-1 and MW-3 were higher than in the 1995 sampling round, they are well within historical limits. The detection of 32 mg/L in the sample from MW-1 is significantly less than the detections of 190 to 750 mg/L in the 1994 sampling events. There were no significant increases or decreases in analyte concentrations in the other wells onsite. Based on the significant reduction in TPH-mineral spirits detected at the site and the low detections of ethylbenzene and xylenes, well below the MCLs for those

analytes, we recommend that case closure be requested and that MW-1, MW-3, MW-4, MW-5 and MW-6 be abandoned according to RWQCB guidelines.

-oOo-

We appreciate the opportunity to assist Hüls America Inc. with this project. If you have any questions, please do not hesitate to contact either of us at (415) 896-5858.

Very truly yours,

DAMES & MOORE

N. McCullough

Natalie McCullough
Project Manager

Raymond H. Rice

Raymond H. Rice, C.E.G.
Principal

Attachments:

Table 1	Groundwater Elevations, 1996 Annual Groundwater Monitoring
Table 2	Summary of Chemical Analyses, 1996 Annual Groundwater Monitoring
Table 3	Summary of TPH/Mineral Spirits Chemical Analyses, 1994 - 1996 Groundwater Monitoring
Table 4	Summary of BTEX Chemical Analyses, 1994 - 1996 Groundwater Monitoring
Figure 1	Groundwater Elevations - December 1996
Appendix A	Groundwater Sampling Procedures
Appendix B	Laboratory Analytical Reports

TABLE 1
GROUNDWATER ELEVATIONS
1996 ANNUAL GROUNDWATER MONITORING

Hüls America Inc.
5555 Sunol Boulevard
Pleasanton, California

Well Number	Date	Top of Casing Elevation[3] (feet)	Depth to Groundwater (feet)	Groundwater Elevation[3] (feet)
MW-1	12/5/96	357.56[1]	20.10	337.46
MW-3	12/5/96	356.43[1]	19.58	336.85
MW-4	12/5/96	356.23[2]	19.95	336.28
MW-5	12/5/96	355.70[2]	23.43	332.27
MW-6	12/5/96	352.14[2]	18.35	333.79

Notes:

(1) Casing elevations from Aqua Terra Technologies, April 15, 1993.
(2) Casing elevations surveyed by Martin Ron Associates, June 1993.
(3) Elevations refer to Mean Sea Level.

TABLE 2
SUMMARY OF CHEMICAL ANALYSES
1996 ANNUAL GROUNDWATER MONITORING

Hüls America Inc.
5555 Sunol Boulevard
Pleasanton, California

Sample	TPH/Mineral Spirits	B	T	E	X
MW-1	32	ND[2]	ND[2]	0.083	0.085
MW-3	41	ND[2]	ND[2]	0.015	0.019
MW-4 MW-24[1]	0.73 (0.51)	ND (ND)	ND (ND)	0.018 (0.019)	0.0033 (0.0034)
MW-5	ND	ND	ND	ND	ND
MW-6	ND	ND	ND	ND	ND
MCL	--	0.001	0.1	0.680	1.750
Reporting Limits	0.5	0.0005	0.0005	0.0005	0.0005

Notes:

All results are in milligrams per liter (mg/L), which is equivalent to parts per million.

(1) Duplicate analyses for well MW-4 shown in parentheses and correspond to lab results for MW-24.

(2) Samples MW-1 and MW-3 were diluted by factors of fifty and five, respectively, in order to quantitate high concentrations of ethylbenzene and xylenes. The reporting limits for benzene and toluene were therefore raised to 0.03 mg/L for MW-1 and 0.003 mg/L for MW-3.

TPH = Total Petroleum Hydrocarbons as Mineral Spirits (EPA Method 8015M)
BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes (EPA Method 8015M/8020)
MCL = Maximum Contaminant Level
-- = No MCL exists for this analyte
ND = Not detected above the laboratory reporting limit

TABLE 3
SUMMARY OF TPH-MINERAL SPIRITS CHEMICAL ANALYSES
1994, 1995, AND 1996 GROUNDWATER MONITORING

Hüls America Inc.
5555 Sunol Boulevard
Pleasanton, California

Well Number	First Quarter (April 8, 1994)	Second Quarter (June 23, 1994)	Third Quarter (September 13, 1994)	Fourth Quarter (December 8, 1994)	1995 (November 14, 1995)	1996 (December 5, 1996)
MW-1	240	190	750 (220)	330	9.9[1]	32
MW-2[2]	NA	NA	NA	NA	NA	NA
MW-3	62	16	61	31	2.6[1]	41
MW-4	25 (2.6)	50 (25)	25	17 (32)	3.2[1] (4.4)[1]	0.73 (0.51)
MW-5	NA	ND	NA	ND	ND[1]	ND
MW-6	NA	ND	NA	ND	ND[1]	ND

Notes:

Numbers in parentheses represent duplicate analyses. All results are in milligrams per liter (mg/L), which is equivalent to parts per million.

(1) Due to high surrogate recoveries and the presence of high boiling point hydrocarbons, certain results and detection limits were flagged "J" and "UJ," and reported concentrations and detection limits for these analytes should be considered estimated.

(2) Monitoring well MW-2 was abandoned in November 1995 due to an obstruction in the well.

Reporting limit for TPH-Mineral Spirits = 0.00015 mg/L for sampling events in 1994 and 0.5 mg/L for the 1995 and 1996 sampling events.

NA = Not Analyzed
ND = Not Detected Above Laboratory Reporting Limits
TPH = Total Petroleum Hydrocarbons as Mineral Spirits (EPA Method 8015M)

TABLE 4
SUMMARY OF BTEX CHEMICAL ANALYSES
1994, 1995, AND 1996 GROUNDWATER MONITORING

Hüls America Inc.
5555 Sunol Boulevard
Pleasanton, California

Well Number	BENZENE						TOLUENE						ETHYLBENZENE						XYLENES					
	1994				1995	1996	1994				1995	1996	1994				1995	1996	1994				1995	1996
	April	June	Sept.	Dec.	Nov.	Dec.	April	June	Sept.	Dec.	Nov.	Dec.	April	June	Sept.	Dec.	Nov.	Dec.	April	June	Sept.	Dec.	Nov.	Dec.
MW-1	--	ND	--	ND	ND[4]	ND	--	0.0024	--	ND	ND[4]	ND	--	ND	--	0.14	0.15[4]	0.083	--	0.155	--	0.16	0.042[4]	0.085
MW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	--	ND	--	ND	ND	ND[5]	--	0.0034	--	ND	ND	ND[5]	--	0.0228	--	0.042	0.064[3]	0.015	--	0.0131	--	ND	0.086[3]	0.019
MW-4[1]	--	ND (ND)	--	ND (ND)	ND (ND)	ND (ND)	--	ND (ND)	--	ND (ND)	ND (ND)	ND (ND)	--	0.0179 (0.0183)	--	0.070 (0.053)	0.026 (0.026)	0.018 (0.019)	--	0.0115 (0.0122)	--	0.018 (0.017)	0.0086 (0.0083)	0.0033 (0.0034)
MW-5	--	ND	--	ND	ND	ND	--	ND	--	ND	ND	ND	--	ND	--	ND	ND	ND	--	ND	--	ND	0.0011	ND
MW-6	--	ND	--	ND	ND	ND	--	ND	--	ND	ND	ND	--	ND	--	ND	ND	ND	--	ND	--	ND	ND	ND
	MCL = 0.001 Reporting Limit = 0.0005						MCL = 0.1 Reporting Limit = 0.0005						MCL = 0.680 Reporting Limit = 0.0005						MCL = 1.750 Reporting Limit = 0.0005[2]					

Notes:

All results are in milligrams per liter (mg/L), which is equivalent to parts per million.
Monitoring well MW-2 was abandoned in November 1995 due to an obstruction in the well.

(1) Duplicate analyses shown in parentheses.

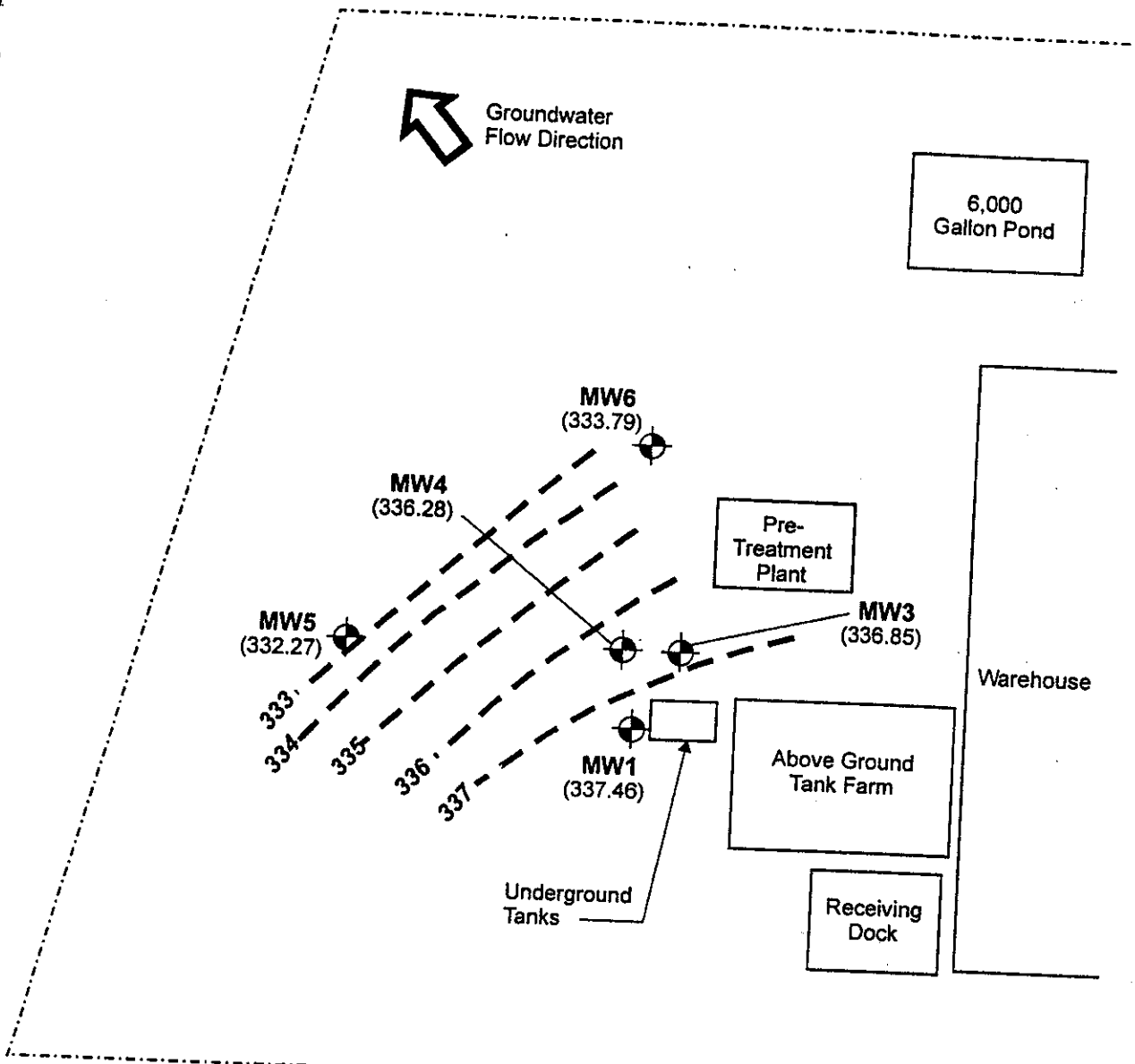
(2) In 1995 sampling event, the laboratory reporting limit for xylenes = 0.001 mg/L.

(3) Due to high surrogate recoveries and the presence of high boiling point hydrocarbons, certain results were flagged "J" and reported concentrations for these analytes should be considered estimated.

(4) Sample MW-1 was diluted by a factor of ten in order to quantitate a high concentration of ethylbenzene. The reporting limits were therefore raised to 0.005 mg/L for TPH-mineral spirits, benzene, toluene, and ethylbenzene, and to 0.01 mg/L for xylenes.

(5) Samples MW-1 and MW-3 were diluted by factors of fifty and five, respectively, in order to quantitate high concentrations of ethylbenzene and xylenes. The reporting limits for benzene and toluene were therefore raised to 0.03 mg/L for MW-1 and 0.003 mg/L for MW-3.

-- = Not Analyzed
ND = Not Detected
BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes (EPA Method 8015M/8020)
MCL = Maximum Contaminant Level



Reference: Modified from Aqua Terra Technologies, April 1993.

LEGEND

MW5 (333.05) — Monitoring Well and Groundwater Elevation (feet above Mean Sea Level)

335 — Approximate Groundwater Elevation in feet above Mean Sea Level

NOTE: Groundwater levels measured on December 5, 1996

N

0 40 80

Scale In Feet

GROUNDWATER ELEVATIONS - DECEMBER 1996

January 1997
24185-041-043

Hüls America Inc.
5555 Sunol Boulevard
Pleasanton, California

1/16/97 SB ..\24185-04\gedec.cdr

DAMES & MOORE
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FIGURE 1

APPENDIX A

GROUNDWATER SAMPLING PROCEDURES

Groundwater monitoring activities consist of collection of water level and hydrocarbon thickness measurements, if present, using an electronic water-level indicator, and collection and analysis of groundwater samples from each of five operable wells located at the site. The samples are analyzed by Pace Laboratories of Petaluma, California, which is a California certified laboratory. Analyses include total petroleum hydrocarbons (TPH) as mineral spirits by EPA Method 8015-modified and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8015-modified/ 8020.

In order to obtain samples representative of groundwater in the formation, each monitoring well is purged prior to sample collection until (1) at least three casing volumes of water have been removed and (2) the field-measured parameters including pH, specific conductivity and temperature have substantially stabilized. As used here, the term "casing volume" means the volume of water being stored inside the well casing at the time the well is visited for purging and sampling. One casing volume (CV) is calculated using:

$CV = (\pi r^2 d)(7.48\ gal/ft^3)$, where:

π = 3.14;

r = the radius measured from the center of the well to the inside surface of the well casing (feet); and

d = the difference in depth between the water level in the well and the bottom of the well casing (feet).

The monitoring wells are purged prior to sample collection using a stainless steel bailer or submersible (Grunfos stainless steel) pump. Purge water is stored in properly labeled 55-gallon drums until analytical laboratory results are received and proper disposal can be arranged.

Water samples are collected from monitoring wells using disposable polyethylene bailers. A total of six water samples are collected; one from each of the five existing wells and a duplicate from one well. Water samples for BTEX analyses are collected in 40-ml glass vials equipped with Teflon-lined septa using appropriate techniques to minimize aeration of the sample and eliminate head space. BTEX samples are preserved with hydrochloric acid. Samples obtained for TPH-mineral spirits analyses are collected in 1-liter amber glass bottles. Sampling equipment is decontaminated prior to each use. Samples are placed immediately on ice and kept in coolers until delivered to the laboratory

for analysis, accompanied by one travel blank for quality control purposes. Chain-of-custody procedures are maintained for all samples collected.

APPENDIX B

LABORATORY ANALYTICAL RESULTS

SAMPLE IDENTIFICATION KEY

Description	Sample Identification Number
Monitoring Well MW-1	MW-1
Monitoring Well MW-3	MW-3
Monitoring Well MW-4	MW-4
Monitoring Well MW-5	MW-5
Monitoring Well MW-6	MW-6
Duplicate Sample for MW-4	MW-24
	Trip Blank

Matrix Sample (Laboratory Quality Control) MX

LEVEL III Data Validation Report

PROJECT: Hüls America
LABORATORY: BC Analytical/VOC
LAB NUMBER: G96-12-159
SAMPLES: MW-1, MW-3, MW-4, MW-24, MW-5, and MW-6
MATRIX: Water

Analysis	TPH - Mineral Spirits 8015M	
Holding Time	✓	
Surrogate Recovery	Note 1	
MS/MSD	✓	
LCS (Blank Spike)	✓	
Method Blanks	✓	
Duplicates	✓	
Trip/Field/Equipment Blanks	NA	
Detection Limits	Note 2	

Notes:

1. The surrogate was diluted out of samples MW-1 and MW-3.
2. Samples MW-1 and MW-3 were diluted by factors of 40 in order to quantitate high concentrations of mineral spirits. The reported concentrations exceeded the elevated reporting limits in these samples.

Summary:

These data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Hüls America

LABORATORY: BC Analytical/VOC

LAB NUMBER: G96-12-159

SAMPLES: MW-1, MW-3, MW-4, MW-24, MW-5, MW-6 and Trip Blank

MATRIX: Water

Analysis	Gasoline/BTEX 8015M/8029	
Holding Time	✓	
Surrogate Recovery	✓	
MS/MSD	✓	
LCS (Blank Spike)	✓	
Method Blanks	Note 1	
Duplicates	✓	
Trip Blanks	✓	
Detection Limits	Note 2	

Notes:

1. Total xylene isomers were reported in the method blank associated with sample MW-3 at a concentration of 0.40 µg/L. This was not high enough to affect the result for sample MW-3.

2. In order to quantitate high concentrations of ethylbenzene and total xylenes, samples MW-1 and MW-3 were diluted by factors of fifty and five respectively. The reported concentrations of the analytes in these samples exceeded the elevated detection limits.

Summary:

These data are usable for their intended purpose. None of these data were qualified or rejected.

ANALYTICAL REPORT

Our Quality Control Is Your Quality Assurance

LOG NO: G96-12-159

Received: 06 DEC 96
Mailed : 26 DEC 96

Ms. Natalie McCullough
Dames and Moore
221 Main Street, Suite 600
San Francisco, CA 94105-1917

Purchase Order: 24185-043

Project: HULS.AMERICA

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, AQUEOUS SAMPLES	DATE SAMPLED
12-159-1	MW-1	05 DEC 96
12-159-2	MW-3	05 DEC 96
12-159-3	MW-4	05 DEC 96
12-159-4	MW-24	05 DEC 96
12-159-5	MW-5	05 DEC 96

PARAMETER	12-159-1	12-159-2	12-159-3	12-159-4	12-159-5
TPH (8015M)					
Date Analyzed	12/13/96	12/13/96	12/12/96	12/12/96	12/12/96
Date Extracted	12/09/96	12/09/96	12/09/96	12/09/96	12/09/96
Dilution Factor, Times	40	40	1	1	1
TPH (Mineral Spirits), mg/L	32	41	0.73	0.51	<0.5
Carbon Range, .	C8-C10	C8-C10	C8-C10	C8-C10	C8-C10
Surrogates **					
Naphthalene Reported, mg/L	0 NC	0 NC	0.0620	0.0628	0.0315
Naphthalene Theoretical, mg/L	0.0500	0.0500	0.0500	0.0500	0.0500
GRO (8015M.TX)					
Date Analyzed	12/09/96	12/11/96	12/09/96	12/09/96	12/10/96
Dilution Factor, Times	50	5	1	1	1
Benzene, ug/L	<30	<3	<0.5	<0.5	<0.5
Toluene, ug/L	<30	<3	<0.5	<0.5	<0.5
Ethylbenzene, ug/L	83	15	18	19	<0.5
Total Xylene Isomers, ug/L	85	19	3.3	3.4	<0.5
Other GRO (8015M.TX)	---	---	---	---	---
Surrogates **					
a,a,a-Trifluorotoluene Rep., ug/L	2520	231	42.0	42.0	45.2
a,a,a-Trifluorotoluene Th., ug/L	2500	250	50.0	50.0	50.0

BCA—Division of V.O.C. Analytical Laboratories, Inc.
1085 Shary Circle, Concord, CA 94518 • Phone: (510) 825-3894 • Fax: (510) 825-3924

Our Quality Control Is Your Quality Assurance

LOG NO: G96-12-159

Received: 06 DEC 96
Mailed : 26 DEC 96

Ms. Natalie McCullough
Dames and Moore
221 Main Street, Suite 600
San Francisco, CA 94105-1917

Purchase Order: 24185-043

Project: HULS.AMERICA

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, AQUEOUS SAMPLES	DATE SAMPLED
12-159-6	MW-6	05 DEC 96

PARAMETER	12-159-6
TPH (8015M)	
Date Analyzed	12/12/96
Date Extracted	12/09/96
Dilution Factor, Times	1
TPH (Mineral Spirits), mg/L	<0.5
Carbon Range, .	C8-C10
Surrogates **	
Naphthalene Reported, mg/L	0.0443
Naphthalene Theoretical, mg/L	0.0500
GRO (8015M.TX)	
Date Analyzed	12/09/96
Dilution Factor, Times	1
Benzene, ug/L	<0.5
Toluene, ug/L	<0.5
Ethylbenzene, ug/L	<0.5
Total Xylene Isomers, ug/L	<0.5
Other GRO (8015M.TX)	---
Surrogates **	
a,a,a-Trifluorotoluene Rep., ug/L	52.8
a,a,a-Trifluorotoluene Th., ug/L	50.0

Our Quality Control Is Your Quality Assurance

LOG NO: G96-12-159

Received: 06 DEC 96
Mailed : 26 DEC 96

Ms. Natalie McCullough
Dames and Moore
221 Main Street, Suite 600
San Francisco, CA 94105-1917

Purchase Order: 24185-043

Project: HULS.AMERICA

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, AQUEOUS SAMPLES	DATE SAMPLED
12-159-7	Trip Blank	05 DEC 96

PARAMETER	12-159-7
GRO (8015M.TX)	
Date Analyzed	12/10/96
Dilution Factor, Times	1
Benzene, ug/L	<0.5
Toluene, ug/L	<0.5
Ethylbenzene, ug/L	<0.5
Total Xylene Isomers, ug/L	<0.5
Other GRO (8015M.TX)	---
Surrogates **	
a,a,a-Trifluorotoluene Rep., ug/L	52.1
a,a,a-Trifluorotoluene Th., ug/L	50.0

Carol S McGale for-
Greta Galoustian, Laboratory Director

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
9612159*1	MW-1	DIESEL.3520.TES	12.13.96	8015M	536-01	96221	1010
		GAS.BTX.TESNC	12.09.96	8015M.TX	536-21	96302	6843
612159*2	MW-3	DIESEL.3520.TES	12.13.96	8015M	536-01	96221	1010
		GAS.BTX.TESNC	04.14.68			96304	1012
9612159*3	MW-4	DIESEL.3520.TES	12.12.96	8015M	536-01	96221	1010
		GAS.BTX.TESNC	12.09.96	8015M.TX	536-21	96302	6843
612159*4	MW-24	DIESEL.3520.TES	12.12.96	8015M	536-01	96221	1010
		GAS.BTX.TESNC	12.09.96	8015M.TX	536-21	96302	6843
612159*5	MW-5	DIESEL.3520.TES	12.12.96	8015M	536-01	96221	1010
		GAS.BTX.TESNC	12.10.96	8015M.TX	536-23	965167	1012
9612159*6	MW-6	DIESEL.3520.TES	12.12.96	8015M	536-01	96221	1010
		GAS.BTX.TESNC	12.09.96	8015M.TX	536-21	96302	6843
612159*7	Trip Blank	GAS.BTX.TESNC	12.10.96	8015M.TX	536-21	96302	6843

**

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.

ID.NO = BC Analytical employee identification number of analyst.

BC ANALYTICAL, GLENDALE
QC REPORT FOR 9612159
DATE PRINTED: 26 DEC 1996

AQUEOUS SAMPLES

		------ METHOD BLANK ------			---------- LAB CONTROL ----------								---------- MATRIX QC ----------							
	UNITS	RESULT	RDL	FLG	LCS %REC	FLG	LCSD %REC	FLG	LCL	UCL	RPD	RPD UCL	RPD FLG	MS %REC	FLG	MSD %REC	FLG	LCL	UCL	RPD	RPD UCL	RPD FLG
Batch: GAS*96302 Method: 8015M.TX - Modified 8015																						
Benzene	ug/L	0	0.5	-	130	-	-	-	76	155	-	-	-	114	-	115	-	70	153	1	25	-
Toluene	ug/L	0	0.5	-	111	-	-	-	72	121	-	-	-	99	-	101	-	69	119	2	25	-
Ethylbenzene	ug/L	0	0.5	-	102	-	-	-	72	115	-	-	-	89	-	91	-	68	116	2	25	-
Total Xylene Isomers	ug/L	0	0.5	-	101	-	-	-	68	115	-	-	-	88	-	89	-	61	118	1	25	-
TPH (Gasoline Range)	ug/L	0	50	-	110	-	-	-	85	120	-	-	-	107	-	111	-	78	124	3	25	-
[a,a,a-Trifluorotoluene]	Percent	106	-	-	94	-	-	-	85	118	-	-	-	145	Q	96	-	85	118	-	-	-
Batch: GAS*96304 Method: 8015M.TX - Modified 8015																						
Benzene	ug/L	0	0.5	-	124	-	133	-	76	155	7	-	-	108	-	109	-	70	153	1	25	-
Toluene	ug/L	0	0.5	-	107	-	114	-	72	121	7	-	-	99	-	103	-	69	119	3	25	-
Ethylbenzene	ug/L	0	0.5	-	97	-	102	-	72	115	6	-	-	89	-	94	-	68	116	5	25	-
Total Xylene Isomers	ug/L	0.40	0.5	-	95	-	103	-	68	115	8	-	-	88	-	93	-	61	118	6	25	-
TPH (Gasoline Range)	ug/L	0	50	-	107	-	110	-	85	120	3	-	-	103	-	110	-	78	124	7	25	-
[a,a,a-Trifluorotoluene]	Percent	100	-	-	92	-	80	Q	85	118	-	-	-	133	Q	143	Q	85	118	-	-	-
Batch: GAS*965167 Method: 8015M.TX - Modified 8015																						
Benzene	ug/L	0	0.5	-	91	-	-	-	76	155	-	-	-	87	-	90	-	70	153	3	25	-
Toluene	ug/L	0	0.5	-	98	-	-	-	72	121	-	-	-	90	-	91	-	69	119	2	25	-
Ethylbenzene	ug/L	0	0.5	-	95	-	-	-	72	115	-	-	-	88	-	86	-	68	116	2	25	-
Total Xylene Isomers	ug/L	0	0.5	-	99	-	-	-	68	115	-	-	-	93	-	91	-	61	118	3	25	-
TPH (Gasoline Range)	ug/L	0	50	-	99	-	-	-	85	120	-	-	-	98	-	93	-	78	124	5	25	-
[a,a,a-Trifluorotoluene]	Percent	96	-	-	102	-	-	-	85	118	-	-	-	92	-	87	-	85	118	-	-	-
Batch: DIESEL*96221 Method: 8015M - Modified 8015																						
TPH (Diesel Range)	mg/L	0	0.5	-	100	-	90	-	53	155	11	-	-	132	Q	127	Q	88	122	4	20	-
[Naphthalene]	Percent	69	-	-	110	-	86	-	55	127	-	-	-	127	-	123	-	55	127	-	-	-

: SURROGATE RECOVERIES :
: BC ANALYTICAL : GLEN LAB : 11:20:46 17 DEC 1996 - P. 1 :

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9612159*1							
8015M	Naphthalene	96221	12/13/96	0 NC	0.0500	0	
8015M.TX	a,a,a-Trifluorotoluene	Re96302	12/09/96	2520	2500	101	
9612159*2							
8015M	Naphthalene	96221	12/13/96	0 NC	0.0500	0	
	a,a,a-Trifluorotoluene	Re96304	04/14/68	231	250	92	
9612159*3							
8015M	Naphthalene	96221	12/12/96	0.0620	0.0500	124	
8015M.TX	a,a,a-Trifluorotoluene	Re96302	12/09/96	42.0	50.0	84	
9612159*4							
8015M	Naphthalene	96221	12/12/96	0.0628	0.0500	126	
8015M.TX	a,a,a-Trifluorotoluene	Re96302	12/09/96	42.0	50.0	84	
9612159*5							
8015M	Naphthalene	96221	12/12/96	0.0315	0.0500	63	
8015M.TX	a,a,a-Trifluorotoluene	Re965167	12/10/96	45.2	50.0	90	
9612159*6							
8015M	Naphthalene	96221	12/12/96	0.0443	0.0500	89	
8015M.TX	a,a,a-Trifluorotoluene	Re96302	12/09/96	52.8	50.0	106	
9612159*7							
8015M.TX	a,a,a-Trifluorotoluene	Re96302	12/10/96	52.1	50.0	104	

APPENDIX G

REGULATORY DATABASE REPORT

The EDR Radius Map
with GeoCheck®

TRI Capital
Sunol/Junipero Street
Pleasanton, CA 94566

Inquiry Number: 0673999.1r

August 28, 2001

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

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

FORM KEN

TABLE OF CONTENTS

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

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

SUNOL/JUNIPERO STREET
PLEASANTON, CA 94566

COORDINATES

Latitude (North):	37.650700 - 37° 39' 2.5"
Longitude (West):	121.880500 - 121° 52' 49.8"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	598757.6
UTM Y (Meters):	4167445.2

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2437121-F8 DUBLIN, CA
Source:	USGS 7.5 min quad index

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

AWP..... Annual Workplan Sites
Notify 65..... Proposition 65 Records
Toxic Pits..... Toxic Pits Cleanup Act Sites
SWF/LF..... Solid Waste Information System
WMUDS/SWAT..... Waste Management Unit Database
CA BOND EXP. PLAN..... Bond Expenditure Plan
UST..... List of Underground Storage Tank Facilities

EXECUTIVE SUMMARY

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
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)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Petroleum Storage Tank Facilities
Drycleaners..... Drycleaner Facilities
CA WDS..... Waste Discharge System

EDR PROPRIETARY DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

FEDERAL ASTM STANDARD

CERCLIS-NFRAP: As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to

promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 03/16/2001 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CREANOVA INC	*5555 SUNOL BLVD*	*1/8 - 1/4 S*	*D16*	*18*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 06/21/2000 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CREANOVA INC	*5555 SUNOL BLVD*	*1/8 - 1/4 S*	*D16*	*18*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 4 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OAK HILL CLEANERS	*5410 SUNOL BLVD NO 1*	*0 - 1/8 S*	*A2*	*7*
RALEYS 396	*5420 SUNOL BLVD*	*0 - 1/8 S*	*A4*	*8*
PROFICIENT FOOD CO	*5675 SONOL BLVD*	*1/8 - 1/4 S*	*E22*	*23*
COOPER LASERSONICS, INC	*5674 SONOMA DR*	*1/8 - 1/4 SSE*	*24*	*27*

STATE ASTM STANDARD

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 2 Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TENNECO CHEMICALS INC	5555 SUNOL BOULEVARD	1/8 - 1/4 S	D14	17
KAISER CENTER FOR TECHNOLOGY	*6177 SUNOL BOULEVARD*	*1/2 - 1 SSW*	*F31*	*29*

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 11 CHMIRS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	423 MISSION DR.	1/4 - 1/2 E	25	27

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	BERNAL AVE. @ FIRST ST.	1/4 - 1/2 NNE	26	28
Not reported	FIRST ST @ ANGELA	1/2 - 1 NNE	29	29
Not reported	6596 LANCING COURT	1/2 - 1 S	30	29
Not reported	549 MAIN ST.	1/2 - 1 NNE	34	31
Not reported	ALAMEDA COUNTY FAIRGROU	1/2 - 1 ENE	35	31
Not reported	SOUTH OF 4363 FIRST STR	1/2 - 1 NNE	36	32
Not reported	END OF ABBIE ST.	1/2 - 1 E	38	32
Not reported	4226 FIRST ST.	1/2 - 1 NE	H41	34

Lower Elevation	Address	Dist / Dir	Map ID	Page
Not reported	BERNAL AVE @ W. ANGELA	1/2 - 1 NNW	27	28
Not reported	S/B 680 ON THE HAPPY VA	1/2 - 1 S	44	36

CORTESE: This database 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. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 12 Cortese sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CITY OF PLEASANTON CORP YARD	*5335 SUNOL BLVD*	*0 - 1/8 NNE*	*B7*	*10*
SPEEDEE OIL & LUBE	*44 MISSION DR*	*1/8 - 1/4 NNE*	*C11*	*14*
CREANOVA INC	*5555 SUNOL BLVD*	*1/8 - 1/4 S*	*D16*	*18*
EXXON R/S #A-7003	*349 MAIN ST*	*1/2 - 1 NNE*	*28*	*28*
KAISER ALUMINUM & CHEMICAL	*6177 SUNOL BLVD*	*1/2 - 1 SSW*	*F32*	*30*
ALAMEDA CO FAIR ASSOCIATION	*4501 PLEASANTON AVE*	*1/2 - 1 N*	*33*	*31*
L & R TRUCKING	*4227 PLEASANTON AVE*	*1/2 - 1 N*	*37*	*32*
CHEVRON	780 MAIN	1/2 - 1 NNE	39	33
UNOCAL SERVICE STATION #543	*992 MAIN ST*	*1/2 - 1 NNE*	*G40*	*33*
MOBIL SERVICE STATION	*1024 MAIN ST*	*1/2 - 1 NNE*	*G42*	*34*
NUCLEAR SERVICES	*65 RAY ST*	*1/2 - 1 NNE*	*43*	*34*
GARY PINNELLA	*4226 1ST ST*	*1/2 - 1 NE*	*H45*	*36*

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 03/31/2001 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PLEASANTON CITY OF CORP YARD	5335 SUNOL BLVD	0 - 1/8 NNE	B9	12
SPEEDEE OIL & LUBE	*44 MISSION DR*	*1/8 - 1/4 NNE*	*C11*	*14*
SPEEDEE OIL AND LUBE	44 MISSION DR	1/8 - 1/4 NNE	C13	16

EXECUTIVE SUMMARY

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there are 3 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CITY OF PLEASANTON CORP YARD	***5335 SUNOL BLVD***	***0 - 1/8 NNE***	***B7***	***10***
CREANOVA INC	***5555 SUNOL BLVD***	***1/8 - 1/4 S***	***D16***	***18***
PROFICIENT FOOD CO	***5675 SONOL BLVD***	***1/8 - 1/4 S***	***E22***	***23***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PLEASANTON	5335 SUNOL BLVD	0 - 1/8 NNE	B8	11
PLEASANTON PLANT-NUODEX	5555 SUNOL BLVD	1/8 - 1/4 S	D17	20
HI-REL MULTILAYER INC.	5757 SONOMA DR	1/8 - 1/4 S	20	22
PROFICIENT FOOD CO	***5675 SONOL BLVD***	***1/8 - 1/4 S***	***E22***	***23***
DISTRIBUTION CENTER	5675 SUNOL BLVD	1/8 - 1/4 S	E23	26

STATE OR LOCAL ASTM SUPPLEMENTAL

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

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

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PLEASANTON CORP YARD FORMER	5353 SUNOL BOULEVARD	0 - 1/8 NNE	B5	9
NUODEX	5555 SUNOL BLVD	1/8 - 1/4 S	D15	17

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 10 HAZNET sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OAK HILLS CLEANERS	5410 SUNOL BLVD NO 1	0 - 1/8 S	A1	6
RALEY'S #396/316	5420 SUNOL BLVD	0 - 1/8 S	A3	7
ALISAL PET CLINIC	5480-4 SUNOL	0 - 1/8 S	6	9
OGDEN GARY D DC	90 MISSION DR STE B-C-D	1/8 - 1/4 NNE	C10	13
SPEEDEE OIL CHANGE & TUNE-UP	44 MISSION DRIVE	1/8 - 1/4 NNE	C12	15
CREANOVA INC	***5555 SUNOL BLVD***	***1/8 - 1/4 S***	***D16***	***18***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
DR. DEMESA DDS	78 MISSION, STE. A	1/8 - 1/4 NE	18	21
BERLOGAR GEOTECHNICAL CONSULT.	5587 SUNOL BL	1/8 - 1/4 S	D19	21
JRAMH GRAHAM/ PLEASANTON PROPE	5729 SOMONA DR.	1/8 - 1/4 SSE	21	22
PROFICIENT FOOD CO	***5675 SONOL BLVD***	***1/8 - 1/4 S***	***E22***	***23***

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

Site Name	Database(s)
BRIAN LIN PRPT/JOSHUA NEAL ELEM-PROPOSED	Cal-Sites
EQUILON ENTERPRISES LLC	HAZNET, Cortese
TRI VALLEY HERALD	LUST, Cortese
PIETRONAVE LF	SWF/LF
HERMAN F. KOOPMANN RANCH	HIST UST
SERAFIN CHIROPRACTIC	HAZNET
YELLOW TAXI CAB CO OF TRI VALLEY	HAZNET

OVERVIEW MAP - 0673999.1r - ATC Associates Inc.

★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites (if requested)

National Priority List Sites

Landfill Sites

Power transmission lines

Oil & Gas pipelines

100-year flood zone

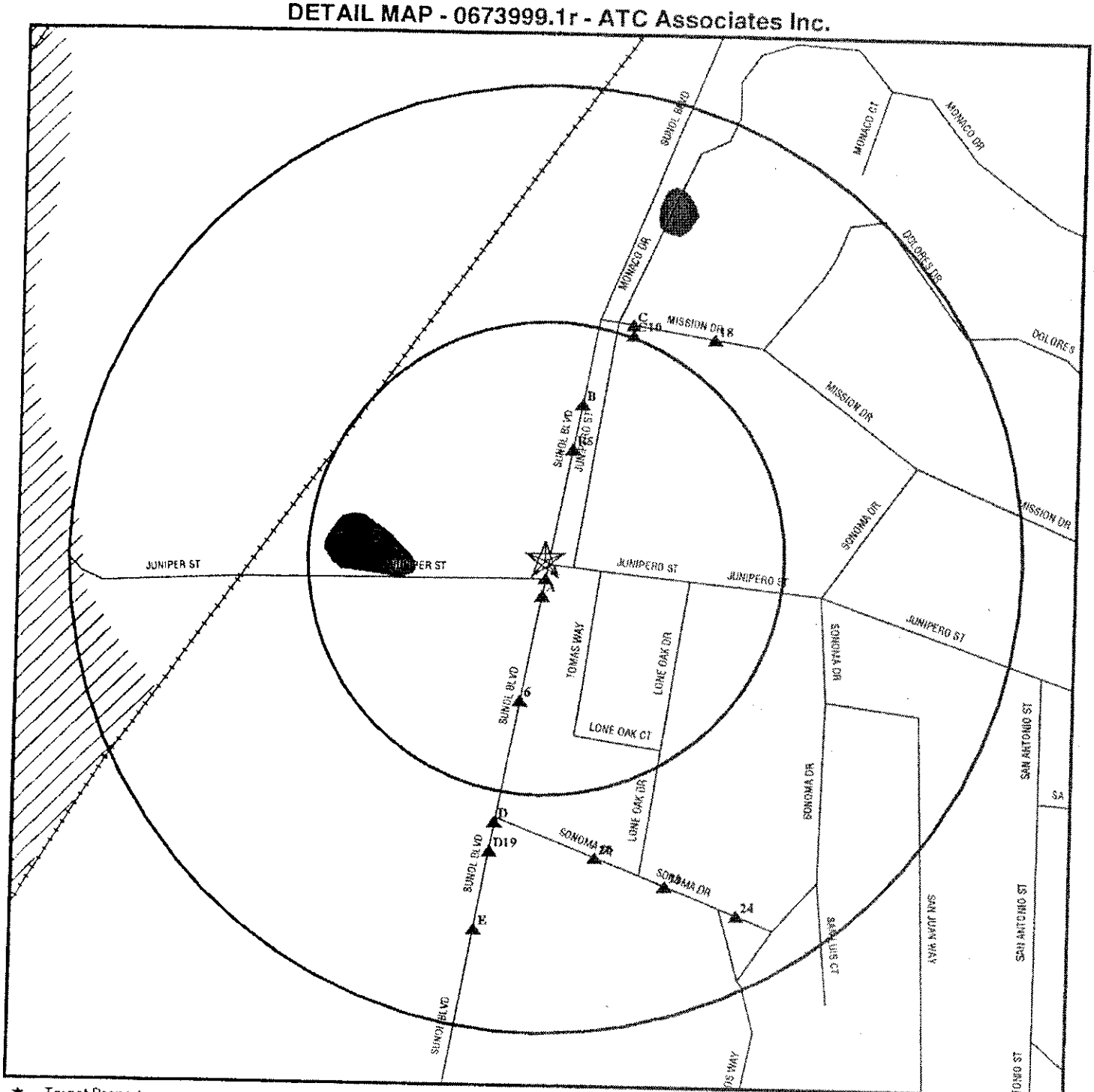
500-year flood zone

Wetlands

Areas of Concern

TARGET PROPERTY:	TRI Capital	CUSTOMER:	ATC Associates Inc.
ADDRESS:	Sunol/Junipero Street	CONTACT:	Kelley O'Rourke
CITY/STATE/ZIP:	Pleasanton CA 94566	INQUIRY #:	0673999.1r
LAT/LONG:	37.6507 / 121.8805	DATE:	August 28, 2001 12:26 pm

DETAIL MAP - 0673999.1r - ATC Associates Inc.



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

Coal Gasification Sites (if requested)

Sensitive Receptors

National Priority List Sites

Landfill Sites

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Wetlands

Areas of Concern

TARGET PROPERTY:	TRI Capital	CUSTOMER:	ATC Associates Inc.
ADDRESS:	Sunol/Junipero Street	CONTACT:	Kelley O'Rourke
CITY/STATE/ZIP:	Pleasanton CA 94566	INQUIRY #:	0673999.1r
LAT/LONG:	37.6507 / 121.8805	DATE:	August 28, 2001 12:26 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
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.		0.250	2	2	NR	NR	NR	4
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	1	0	1	NR	2
CHMIRS		1.000	0	0	2	9	NR	11
Cortese		1.000	1	2	0	9	NR	12
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	1	2	0	NR	NR	3
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
CA FID UST		0.250	1	2	NR	NR	NR	3
HIST UST		0.250	1	4	NR	NR	NR	5
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	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
STATE OR LOCAL ASTM SUPPLEMENTAL								
AST		TP	NR	NR	NR	NR	NR	0
Drycleaners		0.250	0	0	NR	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
CA SLIC		0.500	1	1	0	NR	NR	2
HAZNET		0.250	3	7	NR	NR	NR	10
EDR PROPRIETARY DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

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

A1 South < 1/8 57 Higher **OAK HILLS CLEANERS**
5410 SUNOL BLVD NO 1
PLEASANTON, CA 94566

HAZNET **S100869303**
N/A

Site 1 of 4 in cluster A

HAZNET:

Gepaid:	CAD983650409	Tepaid:	CAD053044053
Contact:	CHUNG AND SOON HAN	Telephone:	(510) 484-2676
Gen County:	1	Tsd County:	1
Tons:	1.0055		
Category:	Liquids with halogenated organic compounds > 1000 mg/l		
Disposal Method:	Transfer Station		
Mailing Address:	5410 SUNOL BLVD NO 1 PLEASNATON, CA 94566		
County	Not reported		

Gepaid:	CAD983650409	Tepaid:	CAD053044053
Contact:	CHUNG AND SOON HAN	Telephone:	(510) 484-2676
Gen County:	1	Tsd County:	1
Tons:	0.0975		
Category:	Liquids with halogenated organic compounds > 1000 mg/l		
Disposal Method:	Not reported		
Mailing Address:	5410 SUNOL BLVD NO 1 PLEASNATON, CA 94566		
County	Not reported		

Gepaid:	CAD983650409	Tepaid:	CAD053044053
Contact:	CHUNG AND SOON HAN	Telephone:	(510) 484-2676
Gen County:	1	Tsd County:	1
Tons:	1.23		
Category:	Liquids with halogenated organic compounds > 1000 mg/l		
Disposal Method:	Transfer Station		
Mailing Address:	5410 SUNOL BLVD NO 1 PLEASNATON, CA 94566		
County	Not reported		

Gepaid:	CAD983650409	Tepaid:	CAD053044053
Contact:	CHUNG AND SOON HAN	Telephone:	(510) 484-2676
Gen County:	1	Tsd County:	1
Tons:	0.195		
Category:	Liquids with halogenated organic compounds > 1000 mg/l		
Disposal Method:	Transfer Station		
Mailing Address:	5410 SUNOL BLVD NO 1 PLEASNATON, CA 94566		
County	Not reported		

Gepaid:	CAL000025176	Tepaid:	CAD053044053
Contact:	CHUNG SOON	Telephone:	(510) 484-2676
Gen County:	1	Tsd County:	1
Tons:	0.45		
Category:	Liquids with halogenated organic compounds > 1000 mg/l		
Disposal Method:	Transfer Station		
Mailing Address:	5410 SUNOL BLVD PLEASANTON, CA 94566 - 7654		
County	Not reported		

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
	OAK HILLS CLEANERS (Continued)		S100869303
	The CA HAZNET database contains 7 additional records for this site. Please contact your EDR Account Executive for more information.		
A2 **South** **< 1/8** **57** **Higher**	**OAK HILL CLEANERS** **5410 SUNOL BLVD NO 1** **PLEASANTON, CA 94566**	RCRIS-SQG FINDS	1000819073 CAD983650409

Site 2 of 4 in cluster A

RCRIS:

Owner: CHUNG AND SOON HAN
(510) 484-2676

Contact: SOON HAN CHUNG
(510) 846-6332

Record Date: 05/15/1995
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
RCRIS

A3 **South** **< 1/8** **105** **Higher**	**RALEY'S #396/316** **5420 SUNOL BLVD** **PLEASANTON, CA 94566**	HAZNET	S103664273 N/A

Site 3 of 4 in cluster A

HAZNET:

Gepaid: CA0000991208
Contact: RALEYS CORP
Gen County: 1
Tons: 0
Category:
Disposal Method: Recycler
Mailing Address: PO BOX 15618
SACRAMENTO, CA 95852 - 1618
County Not reported
Tepaid: CAD070148432
Telephone: (916) 373-3333
Tsd County: 1

Gepaid: CA0000991208
Contact: RALEYS CORP
Gen County: 1
Tons: 0.3336
Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Mailing Address: PO BOX 15618
SACRAMENTO, CA 95852 - 1618
County Not reported
Tepaid: CAD070148432
Telephone: (916) 373-3333
Tsd County: 1

RALEY'S #396/316 (Continued) **S103664273**

Gepaid:	CA0000991208	Tepaid:	CAD070148432
Contact:	RALEYS CORP	Telephone:	(916) 373-3333
Gen County:	1	Tsd County:	1
Tons:	0.2502		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	PO BOX 15618		
	SACRAMENTO, CA 95852 - 1618		
County	Not reported		

Gepaid:	CA0000991208	Tepaid:	CA0000084517
Contact:	RALEYS CORP	Telephone:	(916) 373-3333
Gen County:	34	Tsd County:	Sacramento
Tons:	2.3142		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Transfer Station		
Mailing Address:	PO BOX 15618		
	SACRAMENTO, CA 95852 - 1618		
County	Not reported		

Gepaid:	CA0000991208	Tepaid:	CA0000084517
Contact:	RALEYS CORP	Telephone:	(916) 373-3333
Gen County:	34	Tsd County:	Sacramento
Tons:	0.8756		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	PO BOX 15618		
	SACRAMENTO, CA 95852 - 1618		
County	Not reported		

The CA HAZNET database contains 6 additional records for this site.
Please contact your EDR Account Executive for more information.

A4 **RALEYS 396** **RCRIS-SQG 1000978246**
South **5420 SUNOL BLVD** **FINDS CA0000991208**
< 1/8 **PLEASANTON, CA 94566**
105
Higher **Site 4 of 4 in cluster A**

RCRIS:

Owner:	RALEYS CORP (916) 373-3333
Contact:	MIKE WENZEL (510) 946-8010
Record Date:	12/20/1994
Classification:	Small Quantity Generator
Used Oil Recyc:	No

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRIS

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
B5 NNE < 1/8 313 Higher	**PLEASANTON CORP YARD FORMER** **5353 SUNOL BOULEVARD** **PLEASANTON, CA**	CA SLIC	S103393956 N/A

Site 1 of 4 in cluster B

SLIC Region 2:

Facility ID:	01S0452		
Region:	2		
Facility Status:	Inactive		Not reported
Staff:	BG		Not reported
Last Site Update:	11/14/1986		
NPL Status:	Not reported	Discovery Date:	Not reported
Case Type:	ND	Sample Date:	Not reported
Contamination:	Not reported		
Lead:	Not reported		

Contamination Level:	
Number of Municipal Wells Contaminated by Site:	0
Number of Private Wells Contaminated by Site:	0
Soil Removal Action Taken/Needed:	
Soil Removal or Contaminant Action Started:	
Soil Removal or Contaminant Action Completed:	
On-Site Groundwater Extraction or Containment is Needed:	
On-Site Groundwater Extraction or Containment Started:	
Off-Site Groundwater Extraction or Containment is Needed:	
Off-Site Groundwater Extraction or Containment Started:	
Length of Contamination Plume (Feet):	0
Depth of Contamination Plume (Feet):	0
Wells Closed Due To Contamination of Site:	
Date of Wells Closure:	
Nearest Public or Private Drinking Water Well (Feet):	0
Under Jurisdiction of Lead Agency Date:	
Latitude/Longitude:	0 / 0
Flow Rate:	0
Flow Date:	
Percent of Contaminants Contained:	0
Contaminant Type:	
EPA ID:	
Stages of Site Investigation Process Initiated:	
Begun Characterization :	Not reported
Completed Characterization :	Not reported
Begun Remediation:	Not reported
Completed Remediation:	Not reported
Submitted Remediation Plan:	Not reported
Approved Remediation Plan:	Not reported
Begun Final Remedial Action:	Not reported
Completed Final Remedial Action:	Not reported
Facility Desc:	Not reported
Comment:	Not reported

6 South < 1/8 400 Higher	**ALISAL PET CLINIC** **5480-4 SUNOL** **PLEASANTON, CA 94566**	HAZNET	S103949352 N/A

ALISAL PET CLINIC (Continued) **S103949352**

HAZNET:

Gepaid:	CAL000160859	Tepaid:	CA0000084517
Contact:	DR ZUCCO	Telephone:	(925) 462-0677
Gen County:	34	Tsd County:	Sacramento
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Transfer Station		
Mailing Address:	5480 SUNOL BLVD STE 4 PLEASANTON, CA 94566		
County	Not reported		

Gepaid:	CAL000160859	Tepaid:	CA0000084517
Contact:	DR ZUCCO	Telephone:	(925) 462-0677
Gen County:	34	Tsd County:	Sacramento
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Transfer Station		
Mailing Address:	5480 SUNOL BLVD STE 4 PLEASANTON, CA 94566		
County	Not reported		

Gepaid:	CAL000160859	Tepaid:	CA0000084517
Contact:	DR ZUCCO	Telephone:	(925) 462-0677
Gen County:	34	Tsd County:	Sacramento
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Transfer Station		
Mailing Address:	5480 SUNOL BLVD STE 4 PLEASANTON, CA 94566		
County	Not reported		

B7 **CITY OF PLEASANTON CORP YARD** **CA FID UST** **S101580012**
NNE **5335 SUNOL BLVD** **Cortese** **N/A**
< 1/8 **PLEASANTON, CA 94566**
441
Higher **Site 2 of 4 in cluster B**

CORTESE:

Reg By:	LTNKA
Reg Id:	01-0416
Region:	CORTESE

FID:

Facility ID:	01000548	Regulate ID:	00057625
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	Not reported
Mail To:	Not reported PO BOX PLEASANTON, CA 94566		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

B8 **PLEASANTON** HIST UST U001598089
NNE **5335 SUNOL BLVD** N/A
< 1/8 **PLEASANTON, CA 94566**
441
Higher **Site 3 of 4 in cluster B**

UST HIST:

Facility ID:	57625	Container Num:	1
Tank Num:	1	Year Installed:	1982
Tank Capacity:	2000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Telephone:	(415) 847-8046
Leak Detection:	Stock Inventor	Region:	STATE
Contact Name:	CORP YARD	Other Type:	Not reported
Total Tanks:	5		
Facility Type:	1		

Facility ID:	57625	Container Num:	2
Tank Num:	2	Year Installed:	1968
Tank Capacity:	1000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Telephone:	(415) 847-8046
Leak Detection:	Stock Inventor	Region:	STATE
Contact Name:	CORP YARD	Other Type:	Not reported
Total Tanks:	5		
Facility Type:	1		

Facility ID:	57625	Container Num:	3
Tank Num:	3	Year Installed:	1968
Tank Capacity:	1000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Telephone:	(415) 847-8046
Leak Detection:	Stock Inventor	Region:	STATE
Contact Name:	CORP YARD	Other Type:	Not reported
Total Tanks:	5		
Facility Type:	1		

Facility ID:	57625	Container Num:	4
Tank Num:	4	Year Installed:	1968
Tank Capacity:	4000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Telephone:	(415) 847-8046
Leak Detection:	Stock Inventor	Region:	STATE
Contact Name:	CORP YARD	Other Type:	Not reported
Total Tanks:	5		
Facility Type:	1		

Facility ID:	57625	Container Num:	5
Tank Num:	5	Year Installed:	1988
Tank Capacity:	7500	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Telephone:	(415) 847-8046
Leak Detection:	Stock Inventor	Region:	STATE
Contact Name:	CORP YARD	Other Type:	Not reported
Total Tanks:	5		
Facility Type:	1		

B9 **PLEASANTON CITY OF CORP YARD** **LUST** **S103176985**
NNE **5335 SUNOL BLVD** **N/A**
< 1/8 **PLEASANTON, CA 94566**
441
Higher **Site 4 of 4 in cluster B**

State LUST:

Cross Street:	MISSION DR		
Qty Leaked:	Not reported		
Case Number	01-0416		
Reg Board:	San Francisco Bay Region		
Chemical:	Unleaded Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Alameda		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Pump and Treat Ground Water - generally employed to remove dissolved contaminants		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	02/02/1990	Prelim Assess:	02/02/1990
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	2/15/1996		
Release Date:	04/18/1990		
Cleanup Fund Id :	Not reported		
Discover Date :	04/18/1990		
Enforcement Dt :	/ /		
Enf Type:	N		
Enter Date :	06/04/1990		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Lat/Lon :	37.651627 / -121.879254		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
Local Case # :	01-0416		
Beneficial:	Not reported		
Staff :	CTH		
MTBE Date :	/ /		
MTBE Tested :	NT		
Max MTBE GW :	0		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm :	LOP		
Priority :	Not reported		
Review Date :	04/26/1995		
Stop Date :	04/18/1990		
Office :	Not reported		
Work Suspended :	N		
Responsible Party	Not reported		
Summary:	SENT CLOSURE SUMMARY FORM TO SMITH ENVIRON TO BE COMPLETED/6/95. REQ CASE		

PLEASANTON CITY OF CORP YARD (Continued) S103176985

CLOSURE 2/13/96; CASE CLOSED

LUST Region 2:

Region:	2
Facility Id:	01-0416
Entered Date:	06/04/90
Facility Status:	Signed off, remedial action completed or deemed unnecessary
Maximum Soil Concentration:	1500
Maximum Groundwater Impact:	190
County :	Alameda
Current Benzene:	ND
Current MTBE :	Not reported
Maximum MTBE:	Not reported
MTBE Quali:	Not reported

C10 **OGDEN GARY D DC** HAZNET S100941015
NNE **90 MISSION DR STE B-C-D** N/A
1/8-1/4 **PLEASANTON, CA 94566**
668
Higher **Site 1 of 4 in cluster C**

HAZNET:

Gepaid:	CAL000067394	Tepaid:	CAD981161367
Contact:	GARY D OGDEN DC OWNER	Telephone:	(000) 000-0000
Gen County:	21	Tsd County:	Marin
Tons:	0.0125		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	90 MISSION DR STE B PLEASANTON, CA 94566		
County	Not reported		

Gepaid:	CAL000067394	Tepaid:	CAD982321879
Contact:	GARY D OGDEN DC OWNER	Telephone:	(000) 000-0000
Gen County:	50	Tsd County:	Stanislaus
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	90 MISSION DR STE B PLEASANTON, CA 94566		
County	Not reported		

Gepaid:	CAL000067394	Tepaid:	CAD982321879
Contact:	GARY D OGDEN DC OWNER	Telephone:	(000) 000-0000
Gen County:	50	Tsd County:	Stanislaus
Tons:	0.1459		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	90 MISSION DR STE B PLEASANTON, CA 94566		
County	Not reported		

OGDEN GARY D DC (Continued) **S100941015**

Gepaid:	CAL000067394	Tepaid:	CAL000121946
Contact:	GARY D OGDEN DC OWNER	Telephone:	(000) 000-0000
Gen County:	21	Tsd County:	Marin
Tons:	0.0667		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	90 MISSION DR STE B PLEASANTON, CA 94566		
County	Not reported		

Gepaid:	CAL000067394	Tepaid:	CAD982321879
Contact:	GARY D OGDEN DC OWNER	Telephone:	(000) 000-0000
Gen County:	50	Tsd County:	Stanislaus
Tons:	0.1375		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	90 MISSION DR STE B PLEASANTON, CA 94566		
County	Not reported		

The CA HAZNET database contains 6 additional records for this site.
Please contact your EDR Account Executive for more information.

C11 **SPEEDEE OIL & LUBE** **LUST** **S103472411**
NNE **44 MISSION DR** **Cortese** **N/A**
1/8-1/4 **PLEASANTON, CA 94566**
695
Higher **Site 2 of 4 in cluster C**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-2075		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Alameda		
Review Date:	04/11/1995	Confirm Leak:	04/11/1995
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	2/18/1997		
Release Date:	02/13/1990		
Cleanup Fund Id :	Not reported		
Discover Date :	04/01/1990		
Enforcement Dt :	/ /		
Enf Type:	N		
Enter Date :	06/12/1995		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Other Means		
How Stopped:	Close Tank		
Interim :	Not reported		
Lat/Lon :	37.6525 / -121.8784		
Leak Cause:	Unknown		
Leak Source:	Unknown		

SPEEDEE OIL & LUBE (Continued) **S103472411**

Local Case # : 3393
Beneficial: Not reported
Staff : CTH
MTBE Date : / /
MTBE Tested : NT
Max MTBE GW : 0
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Review Date : 02/24/1997
Stop Date : 06/15/1980
Office : Not reported
Work Suspended :N
Responsible Party Not reported
Summary: REQ. CASE CLOSURE 01/02/97...CASE CLOSED 02/18/97..

LUST Region 2:
Region: 2
Facility Id: 01-2075
Entered Date: 06/12/95
Facility Status: Signed off, remedial action completed or deemed unnecessary
Maximum Soil Concentration: 6100
Maximum Groundwater Impact: Not reported
County : Alameda
Current Benzene: Not reported
Current MTBE : Not reported
Maximum MTBE: Not reported
MTBE Quali: Not reported

CORTESE:
Reg By: LTNKA
Reg Id: 01-2075
Region: CORTESE

C12 **SPEEDEE OIL CHANGE & TUNE-UP** HAZNET **S100945618**
NNE **44 MISSION DRIVE** **N/A**
1/8-1/4 **PLEASANTON, CA 94566**
695
Higher **Site 3 of 4 in cluster C**

HAZNET:
Gepaid: CAL000111036
Contact: CARL NELSON & DEAN HAMMER
Gen County: 0
Tons: 0.2293
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Mailing Address: 44 MISSION DR
PLEASANTON, CA 94566 - 7624
County Not reported
Tepaid: Not reported
Telephone: (510) 426-9669
Tsd County: 0

SPEEDEE OIL CHANGE & TUNE-UP (Continued) S100945618

Gepaid:	CAL000111036	Tepaid:	CAT080025711
Contact:	CARL NELSON & DEAN HAMMER	Telephone:	(510) 426-9669
Gen County:	36	Tsd County:	San Bernardino
Tons:	0.2293		
Category:	Aqueous solution with less than 10% total organic residues		
Disposal Method:	Not reported		
Mailing Address:	44 MISSION DR		
	PLEASANTON, CA 94566 - 7624		
County	Not reported		

Gepaid:	CAL000111036	Tepaid:	CAD009452657
Contact:	CARL NELSON & DEAN HAMMER	Telephone:	(510) 426-9669
Gen County:	41	Tsd County:	San Mateo
Tons:	0.2085		
Category:	Unspecified organic liquid mixture		
Disposal Method:	Recycler		
Mailing Address:	44 MISSION DR		
	PLEASANTON, CA 94566 - 7624		
County	Not reported		

Gepaid:	CAL000111036	Tepaid:	CAD009452657
Contact:	CARL NELSON & DEAN HAMMER	Telephone:	(510) 426-9669
Gen County:	41	Tsd County:	San Mateo
Tons:	4.7327		
Category:	Unspecified organic liquid mixture		
Disposal Method:	Recycler		
Mailing Address:	44 MISSION DR		
	PLEASANTON, CA 94566 - 7624		
County	Not reported		

Gepaid:	CAL000111036	Tepaid:	CAD009452657
Contact:	CARL NELSON & DEAN HAMMER	Telephone:	(510) 426-9669
Gen County:	41	Tsd County:	San Mateo
Tons:	3.4609		
Category:	Unspecified organic liquid mixture		
Disposal Method:	Recycler		
Mailing Address:	44 MISSION DR		
	PLEASANTON, CA 94566 - 7624		
County	Not reported		

The CA HAZNET database contains 2 additional records for this site.
Please contact your EDR Account Executive for more information.

C13 **SPEEDEE OIL AND LUBE** **LUST** **S105022110**
NNE **44 MISSION DR** **N/A**
1/8-1/4 **PLEASANTON, CA 94566**
695
Higher **Site 4 of 4 in cluster C**

LUST Alameda County:

Region :	ALAMEDA
Status :	Signed off, remedial action completed or deemed unnecessary
Facility Type :	Soil only
Case Closed :	Y
LOP Status :	Inactive
Source of Fund :	Federal
Substance :	Gasoline
Multiple Responsible Parties :	Yes

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
D14 South 1/8-1/4 745 Higher	TENNECO CHEMICALS INC 5555 SUNOL BOULEVARD PLEASANTON, CA 94566	Cal-Sites	S102008163 N/A

Site 1 of 5 in cluster D

CAL-SITES:

Facility ID:	01280017	
Status:	REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROLBOARD (RWQCB) LEAD	
Status Date:	06/15/1994	
Lead:	Not reported	
Region:	2 - BERKELEY	
Branch:	NC - NORTH COAST	
File Name:	Not reported	
Status Name:	PROPERTY/SITE REFERRED TO RWQCB	
Lead Agency:	N/A	Not reported
NPL:	Not reported	
SIC:	28 MANU - CHEMICALS & ALLIED PRODUCTS	
Facility Type:	N/A	
Type Name:	Not reported	
Staff Member Responsible for Site:	Not reported	
Supervisor Responsible for Site:	Not reported	
Region Water Control Board:	SF - SAN FRANCISCO BAY	
Access:	Uncontrolled	
Cortese:	U	
Hazardous Ranking Score:	Not reported	
Date Site Hazard Ranked:	Not reported	
Groundwater Contamination:	Not reported	
No. of Contamintion Sources:	0	
Lat/Long:	0° 0' 0.00" / 0° 0' 0.00"	
Lat/long Method:	Not reported	
State Assembly District Code:	Not reported	
State Senate District:	Not reported	

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
D15 South 1/8-1/4 745 Higher	NUODEX 5555 SUNOL BLVD PLEASANTON, CA	CA SLIC	S100226945 N/A

Site 2 of 5 in cluster D

SLIC Region 2:

Facility ID:	01S0016		
Region:	2		
Facility Status:	Active		Not reported
Staff:	BG		Not reported
Last Site Update:	05/01/1992		
NPL Status:	Not an NPL site	Discovery Date:	Not reported
Case Type:	TK	Sample Date:	Not reported
Contamination:	LEAKING TANK, > 2,000 GALLONS LEAKED		
Lead:	RWQCB		
Contamination Level:			
Number of Municipal Wells Contaminated by Site:		0	
Number of Private Wells Contaminated by Site:		0	
Soil Removal Action Taken/Needed:		No	
Soil Removal or Contaminant Action Started:			
Soil Removal or Contaminant Action Completed:			
On-Site Groundwater Extraction or Containment is Needed:			

NUODEX (Continued) **S100226945**

On-Site Groundwater Extraction or Containment Started:
Off-Site Groundwater Extraction or Containment is Needed:
Off-Site Groundwater Extraction or Containment Started:
Length of Contamination Plume (Feet): 0
Depth of Contamination Plume (Feet): 0
Wells Closed Due To Contamination of Site:
Date of Wells Closure:
Nearest Public or Private Drinking Water Well (Feet): 5280
Under Jurisdiction of Lead Agency Date:
Latitude/Longitude: 38 / -122
Flow Rate: 0
Flow Date:
Percent of Contaminants Contained: 0
Contaminant Type:
EPA ID:
Stages of Site Investigation Process Initiated:
Begun Characterization : Yes
Completed Characterization : Yes
Begun Remediation: Yes
Completed Remediation: No
Submitted Remediation Plan: No
Approved Remediation Plan: No
Begun Final Remedial Action: No
Completed Final Remedial Action: No
Facility Desc: MANUFACTURER OF PAINT PIGMENTS
Comment: Not reported

D16 **CREANOVA INC** **FINDS 1000373269**
South **5555 SUNOL BLVD** **RCRIS-LQG CAD076543503**
1/8-1/4 **PLEASANTON, CA 94566** **TRIS**
745 **TSCA**
Higher **Site 3 of 5 in cluster D** **CERC-NFRAP**
CA FID UST
HAZNET
Cortese

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Ownership Status: Unknown
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:
Assessment: DISCOVERY Completed: 19850301
Assessment: PRELIMINARY ASSESSMENT Completed: 19870401
Assessment: PRELIMINARY ASSESSMENT Completed: 19880201

RCRIS:
Owner: CREANOVA INC
(732) 560-6800
Contact: Not reported
Record Date: 01/30/1998
Classification: Large Quantity Generator
BIENNIAL REPORTS:
Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	216863.74	D004	38542.00
D005	38542.00	D006	38542.00
D007	75745.26	D008	38542.00
F003	198204.74	F005	198204.74

CREANOVA INC (Continued) **1000373269**

Used Oil Recyc: No

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
BRS
RCRIS
TRIS

HAZNET:

Gepaid:	CAD076543503	Tepaid:	CAD005949431
Contact:	CREANOVA INC	Telephone:	(732) 560-6800
Gen County:	0	Tsd County:	0
Tons:	19.3488		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Not reported		
Mailing Address:	PO BOX 608		
	PLEASANTON, CA 94566 - 0862		
County	Not reported		

Gepaid:	CAD076543503	Tepaid:	CAD008302903
Contact:	CREANOVA INC	Telephone:	(732) 560-6800
Gen County:	19	Tsd County:	Los Angeles
Tons:	22.5607		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Not reported		
Mailing Address:	PO BOX 608		
	PLEASANTON, CA 94566 - 0862		
County	Not reported		

Gepaid:	CAD076543503	Tepaid:	CAD008302903
Contact:	CREANOVA INC	Telephone:	(732) 560-6800
Gen County:	19	Tsd County:	Los Angeles
Tons:	117.758		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Recycler		
Mailing Address:	PO BOX 608		
	PLEASANTON, CA 94566 - 0862		
County	Not reported		

Gepaid:	CAD076543503	Tepaid:	CAD059494310
Contact:	CREANOVA INC	Telephone:	(732) 560-6800
Gen County:	43	Tsd County:	Santa Clara
Tons:	19.3488		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Disposal, Other		
Mailing Address:	PO BOX 608		
	PLEASANTON, CA 94566 - 0862		
County	Not reported		

CREANOVA INC (Continued) **1000373269**

Gepaid:	CAD076543503	Tepaid:	IDD073114654
Contact:	CREANOVA INC	Telephone:	(732) 560-6800
Gen County:	99	Tsd County:	99
Tons:	2.1295		
Category:	Metal dust - machining waste and 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		
Mailing Address:	PO BOX 608 PLEASANTON, CA 94566 - 0862		
County	Not reported		

The CA HAZNET database contains 80 additional records for this site.
Please contact your EDR Account Executive for more information.

CORTESE:

Reg By:	LTNKA
Reg Id:	2895
Region:	CORTESE

FID:

Facility ID:	01002953	Regulate ID:	CAD076543
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 462-5700
Mail To:	Not reported PO BOX PLEASANTON, CA 94566		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

D17 **PLEASANTON PLANT-NUODEX** **HIST UST** **U001598091**
South **5555 SUNOL BLVD** **N/A**
1/8-1/4 **PLEASANTON, CA 94566**
745
Higher **Site 4 of 5 in cluster D**

UST HIST:

Facility ID:	28157		
Tank Num:	1	Container Num:	UT-1
Tank Capacity:	6000	Year Installed:	1975
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	GW Monitoring Well		
Contact Name:	LEO SCHINASI	Telephone:	(415) 462-5700
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	DISPERSED PIGMENTS

Facility ID:	28157		
Tank Num:	2	Container Num:	UT-2
Tank Capacity:	6000	Year Installed:	1975
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	GW Monitoring Well		
Contact Name:	LEO SCHINASI	Telephone:	(415) 462-5700

PLEASANTON PLANT-NUODEX (Continued) U001598091

Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	DISPERSED PIGMENTS
Facility ID:	28157		
Tank Num:	3	Container Num:	UT-3
Tank Capacity:	6000	Year Installed:	1975
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	GW Monitoring Well		
Contact Name:	LEO SCHINASI	Telephone:	(415) 462-5700
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	DISPERSED PIGMENTS

18
NE
1/8-1/4
767
Higher

DR. DEMESA DDS HAZNET S103961652
78 MISSION, STE. A N/A
PLEASANTON, CA 94566

HAZNET:

Gepaid:	CAL000123084	Tepaid:	CAD982321879
Contact:	DR. DEMESA	Telephone:	(000) 000-0000
Gen County:	50	Tsd County:	Stanislaus
Tons:	0.0208		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	78 MISSION DR STE A PLEASANTON, CA 94566 - 7624		
County	Not reported		

Gepaid:	CAL000123084	Tepaid:	CAD982321879
Contact:	DR. DEMESA	Telephone:	(000) 000-0000
Gen County:	50	Tsd County:	Stanislaus
Tons:	0.0208		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	78 MISSION DR STE A PLEASANTON, CA 94566 - 7624		
County	Not reported		

D19
South
1/8-1/4
828
Higher

BERLOGAR GEOTECHNICAL CONSULT. HAZNET S103952399
5587 SUNOL BL N/A
PLEASANTON, CA 94566

Site 5 of 5 in cluster D

HAZNET:

Gepaid:	CAL912265127	Tepaid:	CAD044429835
Contact:	FRANK BERLOGAR	Telephone:	(925) 484-0220
Gen County:	19	Tsd County:	Los Angeles
Tons:	0.0708		
Category:	Liquids with halogenated organic compounds > 1000 mg/l		
Disposal Method:	Disposal, Other		
Mailing Address:	5587 SUNOL BLVD PLEASANTON, CA 94566 - 7765		
County	Not reported		

20
South
1/8-1/4
847
Higher

HI-REL MULTILAYER INC.
5757 SONOMA DR
PLEASANTON, CA 94566

HIST UST **U001598026**
N/A

UST HIST:

Facility ID:	1072		
Tank Num:	1	Container Num:	1
Tank Capacity:	70	Year Installed:	1979
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	FRED FLORES/JIM BRANCO	Telephone:	(415) 462-6010
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	PRINTED CIRCUIT BOAR

Facility ID:	1072		
Tank Num:	2	Container Num:	2
Tank Capacity:	250	Year Installed:	1979
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	1/2 inches
Leak Detection:	Visual		
Contact Name:	FRED FLORES/JIM BRANCO	Telephone:	(415) 462-6010
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	PRINTED CIRCUIT BOAR

21
SSE
1/8-1/4
975
Higher

JRAMH GRAHAM/ PLEASANTON PROPERTIES
5729 SOMONA DR.
PLEASANTON, CA 94566

HAZNET **S104570477**
N/A

HAZNET:

Gepaid:	CAC002138209	Tepaid:	CAD044429835
Contact:	OAK RIDGE MANAGEMENT GROUP	Telephone:	(925) 831-8819
Gen County:	19	Tsd County:	Los Angeles
Tons:	0.1		
Category:	Unspecified oil-containing waste		
Disposal Method:	Not reported		
Mailing Address:	2821 CROW CANYON RD STE 203 SAN RAMON, CA 94583		
County	Not reported		

Gepaid:	CAC002138209	Tepaid:	CAD044429835
Contact:	OAK RIDGE MANAGEMENT GROUP	Telephone:	(925) 831-8819
Gen County:	19	Tsd County:	Los Angeles
Tons:	0.1		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	2821 CROW CANYON RD STE 203 SAN RAMON, CA 94583		
County	Not reported		

JRAMH GRAHAM/ PLEASANTON PROPERTIES (Continued) S104570477

Gepaid:	CAC002138209	Tepaid:	CAD044429835
Contact:	OAK RIDGE MANAGEMENT GROUP	Telephone:	(925) 831-8819
Gen County:	19	Tsd County:	Los Angeles
Tons:	0.35		
Category:	Off-specification, aged, or surplus organics		
Disposal Method:	Not reported		
Mailing Address:	2821 CROW CANYON RD STE 203		
	SAN RAMON, CA 94583		
County	Not reported		

Gepaid:	CAC002138209	Tepaid:	CAD044429835
Contact:	OAK RIDGE MANAGEMENT GROUP	Telephone:	(925) 831-8819
Gen County:	19	Tsd County:	Los Angeles
Tons:	0.35		
Category:	Off-specification, aged, or surplus organics		
Disposal Method:	Recycler		
Mailing Address:	2821 CROW CANYON RD STE 203		
	SAN RAMON, CA 94583		
County	Not reported		

Gepaid:	CAC002138209	Tepaid:	CAD044429835
Contact:	OAK RIDGE MANAGEMENT GROUP	Telephone:	(925) 831-8819
Gen County:	19	Tsd County:	Los Angeles
Tons:	0.35		
Category:	Unspecified organic liquid mixture		
Disposal Method:	Not reported		
Mailing Address:	2821 CROW CANYON RD STE 203		
	SAN RAMON, CA 94583		
County	Not reported		

The CA HAZNET database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

E22
South
1/8-1/4
1046
Higher

PROFICIENT FOOD CO
5675 SONOL BLVD
PLEASANTON, CA 94566

RCRIS-SQG 1000229147
FINDS CAD981683261
CA FID UST
HAZNET
HIST UST

Site 1 of 2 in cluster E

RCRIS:

Owner:	PROFICIENT FOOD CO (415) 555-1212
Contact:	ENVIRONMENTAL MANAGER (415) 484-1880
Record Date:	09/01/1996
Classification:	Small Quantity Generator
Used Oil Recyc:	No

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRIS

PROFICIENT FOOD CO (Continued) **1000229147**

HAZNET:

Gepaid:	CAD981683261	Tepaid:	CAD083166728
Contact:	PROFICIENT FOOD CO	Telephone:	(000) 000-0000
Gen County:	50	Tsd County:	Stanislaus
Tons:	0.6255		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	5675 SUNOL BLVD		
	PLEASANTON, CA 94566 - 7765		
County	Not reported		

Gepaid:	CAD981683261	Tepaid:	CAD980887418
Contact:	PROFICIENT FOOD CO	Telephone:	(000) 000-0000
Gen County:	1	Tsd County:	1
Tons:	0.2085		
Category:	Aqueous solution with less than 10% total organic residues		
Disposal Method:	Transfer Station		
Mailing Address:	5675 SUNOL BLVD		
	PLEASANTON, CA 94566 - 7765		
County	Not reported		

Gepaid:	CAD981683261	Tepaid:	CAD083166728
Contact:	PROFICIENT FOOD CO	Telephone:	(000) 000-0000
Gen County:	50	Tsd County:	Stanislaus
Tons:	6.255		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	5675 SUNOL BLVD		
	PLEASANTON, CA 94566 - 7765		
County	Not reported		

Gepaid:	CAD981683261	Tepaid:	CAD009452657
Contact:	PROFICIENT FOOD CO	Telephone:	(000) 000-0000
Gen County:	41	Tsd County:	San Mateo
Tons:	0.2293		
Category:	Detergent and soap		
Disposal Method:	Recycler		
Mailing Address:	5675 SUNOL BLVD		
	PLEASANTON, CA 94566 - 7765		
County	Not reported		

Gepaid:	CAD981683261	Tepaid:	CAD980887418
Contact:	PROFICIENT FOOD CO	Telephone:	(000) 000-0000
Gen County:	1	Tsd County:	1
Tons:	0.2085		
Category:	Aqueous solution with less than 10% total organic residues		
Disposal Method:	Transfer Station		
Mailing Address:	5675 SUNOL BLVD		
	PLEASANTON, CA 94566 - 7765		
County	Not reported		

The CA HAZNET database contains 3 additional records for this site.
Please contact your EDR Account Executive for more information.

PROFICIENT FOOD CO (Continued) **1000229147**

FID:

Facility ID:	01002957	Regulate ID:	00046079
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 484-1880
Mail To:	Not reported 5675 SUNOL BLVD PLEASANTON, CA 94566		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	46079		
Tank Num:	1	Container Num:	1
Tank Capacity:	500	Year Installed:	1983
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	MIKE FERRER	Telephone:	(415) 484-1880
Total Tanks:	5	Region:	STATE
Facility Type:	1	Other Type:	Not reported

Facility ID:	46079		
Tank Num:	2	Container Num:	2
Tank Capacity:	5000	Year Installed:	1983
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	MIKE FERRER	Telephone:	(415) 484-1880
Total Tanks:	5	Region:	STATE
Facility Type:	1	Other Type:	Not reported

Facility ID:	46079		
Tank Num:	3	Container Num:	3
Tank Capacity:	20000	Year Installed:	1983
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	MIKE FERRER	Telephone:	(415) 484-1880
Total Tanks:	5	Region:	STATE
Facility Type:	1	Other Type:	Not reported

Facility ID:	46079		
Tank Num:	4	Container Num:	4
Tank Capacity:	20000	Year Installed:	1983
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	MIKE FERRER	Telephone:	(415) 484-1880
Total Tanks:	5	Region:	STATE
Facility Type:	1	Other Type:	Not reported

Facility ID:	46079		
Tank Num:	5	Container Num:	5

PROFICIENT FOOD CO (Continued) **1000229147**

Tank Capacity:	500	Year Installed:	1983
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	MIKE FERRER	Telephone:	(415) 484-1880
Total Tanks:	5	Region:	STATE
Facility Type:	1	Other Type:	Not reported

E23 **DISTRICTION CENTER** **HIST UST** **U001597997**
South **5675 SUNOL BLVD** **N/A**
1/8-1/4 **PLEASANTON, CA 94566**
1046
Higher **Site 2 of 2 in cluster E**

UST HIST:

Facility ID:	60330		
Tank Num:	1	Container Num:	1
Tank Capacity:	5000	Year Installed:	1983
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	WILLIAM DOMER	Telephone:	(415) 484-1880
Total Tanks:	6	Region:	STATE
Facility Type:	2	Other Type:	SUPPLY DISTRIBUTION

Facility ID:	60330		
Tank Num:	2	Container Num:	2
Tank Capacity:	20000	Year Installed:	1983
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	WILLIAM DOMER	Telephone:	(415) 484-1880
Total Tanks:	6	Region:	STATE
Facility Type:	2	Other Type:	SUPPLY DISTRIBUTION

Facility ID:	60330		
Tank Num:	3	Container Num:	3
Tank Capacity:	20000	Year Installed:	1983
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	WILLIAM DOMER	Telephone:	(415) 484-1880
Total Tanks:	6	Region:	STATE
Facility Type:	2	Other Type:	SUPPLY DISTRIBUTION

Facility ID:	60330		
Tank Num:	4	Container Num:	4
Tank Capacity:	500	Year Installed:	1983
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	WILLIAM DOMER	Telephone:	(415) 484-1880
Total Tanks:	6	Region:	STATE
Facility Type:	2	Other Type:	SUPPLY DISTRIBUTION

Facility ID:	60330		
Tank Num:	5	Container Num:	5
Tank Capacity:	500	Year Installed:	1983
Tank Used for:	WASTE		

DISTRIBUTION CENTER (Continued) U001597997

Type of Fuel:	WASTE OIL	Tank Constrctn:	Not reported
Leak Detection:	Pressure Test		
Contact Name:	WILLIAM DOMER	Telephone:	(415) 484-1880
Total Tanks:	6	Region:	STATE
Facility Type:	2	Other Type:	SUPPLY DISTRIBUTION
Facility ID:	60330		
Tank Num:	6	Container Num:	6
Tank Capacity:	0	Year Installed:	1983
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	None		
Contact Name:	WILLIAM DOMER	Telephone:	(415) 484-1880
Total Tanks:	6	Region:	STATE
Facility Type:	2	Other Type:	SUPPLY DISTRIBUTION

24
SSE
1/8-1/4
1130
Higher

COOPER LASERSONICS, INC
5674 SONOMA DR
PLEASANTON, CA 94566

RCRIS-SQG **1000346335**
FINDS **CAD981375561**

RCRIS:
Owner: COOPER LASERSONICS
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(416) 846-3030
Record Date: 01/29/1986
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRIS

25
East
1/4-1/2
1606
Higher

423 MISSION DR.
PLEASANTON, CA

CHMIRS **S100222136**
N/A

CHMIRS:

OES Control Number:	9990722	DOT ID:	1978
DOT Hazard Class:	Gases		
Chemical Name:	PROPANE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	2
Environmental Contamination:	Air	Property Use:	Residential
Incident Date:	04-SEP-88	Date Completed:	04-SEP-88

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
26 NNE 1/4-1/2 2083 Higher	BERNAL AVE. @ FIRST ST. PLEASANTON, CA 94566	CHMIRS	S100275326 N/A

CHMIRS:

OES Control Number:	8910310	DOT ID:	2794
DOT Hazard Class:	Corrosives		
Chemical Name:	ACID, SULFURIC		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	.01
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	18-APR-89	Date Completed:	18-APR-89

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27 NNW 1/2-1 2822 Lower	BERNAL AVE @ W. ANGELA PLEASANTON, CA 94566	CHMIRS	S100218329 N/A

CHMIRS:

OES Control Number:	8910203	DOT ID:	1978
DOT Hazard Class:	Flammable liquid		
Chemical Name:	PROPANE		
Extent of Release:	Not reported		
CAS Number:	74-98-6	Quantity Released:	30
Environmental Contamination:	Air	Property Use:	Vacant Lot
Incident Date:	15-MAR-89	Date Completed:	15-MAR-89

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28 NNE 1/2-1 3209 Higher	EXXON R/S #A-7003 349 MAIN ST PLEASANTON, CA 94566	CA FID UST Cortese	S101580034 N/A

CORTESE:

Reg By:	LTNKA
Reg Id:	01-0588
Region:	CORTESE

FID:

Facility ID:	01000713	Regulate ID:	CAD981416
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 846-5517
Mail To:	Not reported 4550 DACOMA PLEASANTON, CA 94566		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
29 NNE 1/2-1 3324 Higher	FIRST ST @ ANGELA PLEASANTON, CA 94566	CHMIRS	S100218373 N/A

CHMIRS:

OES Control Number:	8910247	DOT ID:	1971
DOT Hazard Class:	Gases		
Chemical Name:	METHANE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	Air	Property Use:	County/City Road
Incident Date:	30-MAR-89	Date Completed:	30-MAR-89

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30 South 1/2-1 3593 Higher	6596 LANCING COURT PLEASANTON, CA 94566	CHMIRS	S100221360 N/A

CHMIRS:

OES Control Number:	9099340	DOT ID:	1223
DOT Hazard Class:	Flammable liquid		
Chemical Name:	KEROSENE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	.5
Environmental Contamination:	Ground	Property Use:	Residential
Incident Date:	13-JUL-90	Date Completed:	13-JUL-90

F31 SSW 1/2-1 3843 Higher	KAISER CENTER FOR TECHNOLOGY 6177 SUNOL BOULEVARD PLEASANTON, CA 94566 Site 1 of 2 in cluster F	Cal-Sites CA SLIC	S101479663 N/A

CAL-SITES:

Facility ID	01280050	
Status:	VCP - VOLUNTARY CLEANUP PROGRAM (VCP)	
Status Date:	04/01/1993	
Lead:	DTSC	
Region:	2 - BERKELEY	
Branch:	NC - NORTH COAST	
File Name:	KAISER CENTER FOR TECHNOLOGY	
Status Name:	VOLUNTARY CLEANUP PROGRAM	
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL	Not reported
NPL:	Not Listed	
SIC:	28 MANU - CHEMICALS & ALLIED PRODUCTS	
Facility Type:	VOLUNTARY CLEANUP PROGRAM	
Type Name:	VCP	
Staff Member Responsible for Site:	Not reported	
Supervisor Responsible for Site:	KTOTH	
Region Water Control Board:	SF - SAN FRANCISCO BAY	
Access:	Controlled	
Cortese:	C	
Hazardous Ranking Score:	5.17	
Date Site Hazard Ranked:	06/26/1992	
Groundwater Contamination:	Confirmed	

KAISER CENTER FOR TECHNOLOGY (Continued) **S101479663**

No. of Contamintion Sources: 0
Lat/Long: 37° 38' 25.00" / 121° 53' 1.00"
Lat/long Method: Not reported
State Assembly District Code: 20
State Senate District: 7

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

SLIC Region 2:
Facility ID: 01S0068
Region: 2
Facility Status: Active — Not reported
Staff: BG — Not reported
Last Site Update: 03/01/2000
NPL Status: Not an NPL site — Discovery Date: Not reported
Case Type: TK — Sample Date: 05/23/1997
Contamination: Not reported
Lead: RWQCB
Contamination Level: PCE AND TCE
Number of Municipal Wells Contaminated by Site: 0
Number of Private Wells Contaminated by Site: 0
Soil Removal Action Taken/Needed:
Soil Removal or Contaminant Action Started:
Soil Removal or Contaminant Action Completed:
On-Site Groundwater Extraction or Containment is Needed:
On-Site Groundwater Extraction or Containment Started:
Off-Site Groundwater Extraction or Containment is Needed:
Off-Site Groundwater Extraction or Containment Started:
Length of Contamination Plume (Feet): 0
Depth of Contamination Plume (Feet): 0
Wells Closed Due To Contamination of Site:
Date of Wells Closure:
Nearest Public or Private Drinking Water Well (Feet): 0
Under Jurisdiction of Lead Agency Date:
Latitude/Longitude: 38 / -122
Flow Rate: 0
Flow Date:
Percent of Contaminants Contained: 0
Contaminant Type:
EPA ID:
Stages of Site Investigation Process Initiated:
- Begun Characterization : Not reported
- Completed Characterization : Not reported
- Begun Remediation: Not reported
- Completed Remediation: Not reported
- Submitted Remediation Plan: Not reported
- Approved Remediation Plan: Not reported
- Begun Final Remedial Action: Not reported
- Completed Final Remedial Action: Not reported

Facility Desc: Not reported
Comment: DTSC LEAD; SEMIANNUAL MONITORING

F32 **KAISER ALUMINUM & CHEMICAL** **CA FID UST S101580209**
SSW **6177 SUNOL BLVD** **Cortese N/A**
1/2-1 **PLEASANTON, CA 94566**
3843
Higher **Site 2 of 2 in cluster F**

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2 and 6
Source: Department of Conservation
Telephone: 916-323-1779

RADON

Area Radon Information: 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: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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 1999 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

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

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

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: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for ALAMEDA County: 2

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.

Zip Code: 94566

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.700 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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
E18 **West** **1/2 - 1 Mile** **Lower**	**FED USGS**	**373859121534701**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1975	County:	Alameda
Altitude:	316.10 ft.	State:	California
Well Depth:	30.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	14.50 ft.	Prim. Use of Site:	Observation
Date Measured:	11061975	Prim. Use of Water:	Unused

E22 **West** **1/2 - 1 Mile** **Lower**	**FED USGS**	**373859121534801**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1975	County:	Alameda
Altitude:	315.70 ft.	State:	California
Well Depth:	61.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

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25 **SSW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**373817121531301**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1975	County:	Alameda
Altitude:	299.50 ft.	State:	California
Well Depth:	42.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 01/07/1998 Findings: 1.300 PCi/L
Chemical: URANIUM COUNTING ERROR

16
North
1/2 - 1 Mile
Lower

FED USGS **373946121525601**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1949	County:	Alameda
Altitude:	340.00 ft.	State:	California
Well Depth:	500.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Irrigation

D17
NNE
1/2 - 1 Mile
Higher

FRDS PWS **CA0105020**

PWS ID: CA0105020 PWS Status: Not Reported
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: ALAMEDA COUNTY FAIRGROUNDS
PLEASANTON, CA 94566

Addressee / Facility: Not Reported

Facility Latitude: 37 39 45 Facility Longitude: 121 52 24
City Served: Not Reported
Treatment Class: Treated Population: 140

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

VIOLATIONS INFORMATION:

Violation ID:	9304001	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	09/01/93	Vio. end Date:	09/30/93	Vio. Period:	1 Month
Num required Samples:	Not Reported	Number of Samples Taken:		Not Reported	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Routine Major (TCR)				
Contaminant:	COLIFORM (TCR)				
Vio. Awareness Date:	111593				

ENFORCEMENT INFORMATION:

System Name:	ALAMEDA COUNTY FAIRGROUNDS		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-07-01 - 1995-09-30	Analytical Value:	00000000.00
Violation ID:	9504003	Enforcement ID:	9604002
Enforcement Date:	1995-10-31	Enf. Action:	State Violation/Reminder Notice

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/04/1997	Findings:	53.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1997	Findings:	43.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1997	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1997	Findings:	110.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1997	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1997	Findings:	20.000 MG/L
Chemical:	SILICA		
Sample Collected:	08/04/1997	Findings:	270.000 UG/L
Chemical:	BARIUM		
Sample Collected:	08/04/1997	Findings:	528.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1997	Findings:	10.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/04/1997	Findings:	.070 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/12/1997	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/12/1997	Findings:	4.060 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	11/12/1997	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/12/1997	Findings:	-4.310 PCI/L
Chemical:	TRITIUM		
Sample Collected:	11/12/1997	Findings:	110.000 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	11/12/1997	Findings:	.230 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	11/12/1997	Findings:	3.210 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/12/1997	Findings:	1.400 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01/07/1998	Findings:	1.520 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/07/1998	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/07/1998	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/07/1998	Findings:	75.100 PCI/L
Chemical:	TRITIUM		
Sample Collected:	01/07/1998	Findings:	120.000 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	01/07/1998	Findings:	.240 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	01/07/1998	Findings:	2.770 PCI/L
Chemical:	URANIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/21/1997	Findings:	19.000 MG/L
Chemical:	SILICA		
Sample Collected:	04/21/1997	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	04/21/1997	Findings:	11.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	04/21/1997	Findings:	600.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/21/1997	Findings:	9.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/21/1997	Findings:	.180 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/22/1997	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/22/1997	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/22/1997	Findings:	1.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/22/1997	Findings:	-330.000 PCI/L
Chemical:	TRITIUM		
Sample Collected:	05/22/1997	Findings:	200.000 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	05/22/1997	Findings:	.160 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	05/22/1997	Findings:	2.600 PCI/L
Chemical:	URANIUM		
Sample Collected:	05/22/1997	Findings:	30.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	05/22/1997	Findings:	340.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	05/22/1997	Findings:	2.400 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	08/04/1997	Findings:	17.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/04/1997	Findings:	1085.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1997	Findings:	7.100
Chemical:	FIELD PH		
Sample Collected:	08/04/1997	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1997	Findings:	339.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	08/04/1997	Findings:	339.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1997	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	08/04/1997	Findings:	475.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	08/04/1997	Findings:	103.000 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/05/1996	Findings:	456.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	08/05/1996	Findings:	91.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/05/1996	Findings:	49.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/05/1996	Findings:	42.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/05/1996	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/05/1996	Findings:	108.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/05/1996	Findings:	19.000 MG/L
Chemical:	SILICA		
Sample Collected:	08/05/1996	Findings:	5.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	08/05/1996	Findings:	280.000 UG/L
Chemical:	BARIUM		
Sample Collected:	08/05/1996	Findings:	7.000 UG/L
Chemical:	SELENIUM		
Sample Collected:	08/05/1996	Findings:	616.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/05/1996	Findings:	10.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1996	Findings:	.140 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	04/21/1997	Findings:	18.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/21/1997	Findings:	1000.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/21/1997	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	04/21/1997	Findings:	320.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	04/21/1997	Findings:	320.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/21/1997	Findings:	440.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	04/21/1997	Findings:	95.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/21/1997	Findings:	45.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/21/1997	Findings:	45.000 MG/L
Chemical:	SODIUM		
Sample Collected:	04/21/1997	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/21/1997	Findings:	120.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/21/1997	Findings:	.240 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/06/1995	Findings:	1100.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/06/1995	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	09/06/1995	Findings:	319.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/06/1995	Findings:	319.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/06/1995	Findings:	.028 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	09/06/1995	Findings:	472.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/06/1995	Findings:	106.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/06/1995	Findings:	52.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/06/1995	Findings:	44.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/06/1995	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/06/1995	Findings:	116.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/06/1995	Findings:	19.000 MG/L
Chemical:	SILICA		
Sample Collected:	09/06/1995	Findings:	5.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	09/06/1995	Findings:	308.000 UG/L
Chemical:	BARIUM		
Sample Collected:	09/06/1995	Findings:	12.000 UG/L
Chemical:	SELENIUM		
Sample Collected:	09/06/1995	Findings:	560.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/06/1995	Findings:	11.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/06/1995	Findings:	.110 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/05/1996	Findings:	18.900 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/05/1996	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/05/1996	Findings:	1000.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/05/1996	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	08/05/1996	Findings:	306.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	08/05/1996	Findings:	306.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/05/1996	Findings:	.060 UG/L
Chemical:	PHOSPHATE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/29/1994	Findings:	21.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	09/29/1994	Findings:	316.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	09/29/1994	Findings:	.300 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/29/1994	Findings:	18.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/29/1994	Findings:	1074.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/29/1994	Findings:	7.100
Chemical:	FIELD PH		
Sample Collected:	09/29/1994	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	09/29/1994	Findings:	310.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/29/1994	Findings:	310.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/29/1994	Findings:	28.000 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	09/29/1994	Findings:	492.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/29/1994	Findings:	166.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/29/1994	Findings:	18.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/29/1994	Findings:	43.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/29/1994	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/29/1994	Findings:	155.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/29/1994	Findings:	28.000 MG/L
Chemical:	SILICA		
Sample Collected:	09/29/1994	Findings:	322.000 UG/L
Chemical:	BARIUM		
Sample Collected:	09/29/1994	Findings:	1300.000 UG/L
Chemical:	BORON		
Sample Collected:	09/29/1994	Findings:	644.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/29/1994	Findings:	.100
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	09/29/1994	Findings:	10.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1995	Findings:	8.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	9.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/25/1995	Findings:	9.000 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/13/1993	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/13/1993	Findings:	146.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/13/1993	Findings:	242.000 UG/L
Chemical:	BARIUM		
Sample Collected:	10/13/1993	Findings:	650.000 UG/L
Chemical:	BORON		
Sample Collected:	10/13/1993	Findings:	597.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/13/1993	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/15/1993	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/15/1993	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/15/1993	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/15/1993	Findings:	310.000 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	11/15/1993	Findings:	1.000 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	11/15/1993	Findings:	14.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	11/15/1993	Findings:	108.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	11/15/1993	Findings:	.300 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	11/15/1993	Findings:	7.270 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/10/1994	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/10/1994	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/10/1994	Findings:	310.000 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	03/10/1994	Findings:	1.000 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	03/10/1994	Findings:	21.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	03/10/1994	Findings:	.300 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/29/1994	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/29/1994	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/29/1994	Findings:	195.000 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	09/29/1994	Findings:	1.000 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/02/1987	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/24/1991	Findings:	1246.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/24/1991	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	09/24/1991	Findings:	312.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/24/1991	Findings:	.020 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	09/24/1991	Findings:	568.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/24/1991	Findings:	130.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/24/1991	Findings:	59.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/24/1991	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/24/1991	Findings:	171.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/24/1991	Findings:	22.000 MG/L
Chemical:	SILICA		
Sample Collected:	09/24/1991	Findings:	330.000 UG/L
Chemical:	BARIUM		
Sample Collected:	09/24/1991	Findings:	748.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/24/1991	Findings:	8.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1991	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/30/1993	Findings:	8.240 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/22/1993	Findings:	9.130 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/15/1993	Findings:	8.020 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/13/1993	Findings:	965.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/13/1993	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	10/13/1993	Findings:	290.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	10/13/1993	Findings:	504.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	10/13/1993	Findings:	465.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/13/1993	Findings:	39.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/13/1993	Findings:	42.400 MG/L
Chemical:	SODIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/14/1986	Findings:	34.600 MG/L
Chemical:	SODIUM		
Sample Collected:	11/14/1986	Findings:	.730
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	11/14/1986	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/14/1986	Findings:	65.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/14/1986	Findings:	.140 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/14/1986	Findings:	18.000 MG/L
Chemical:	SILICA		
Sample Collected:	11/14/1986	Findings:	95.000 UG/L
Chemical:	ZINC		
Sample Collected:	11/14/1986	Findings:	597.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/14/1986	Findings:	.050
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	11/14/1986	Findings:	.050
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	11/14/1986	Findings:	20.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/14/1986	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/14/1986	Findings:	12.380
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/02/1987	Findings:	915.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1987	Findings:	7.300
Chemical:	PH (LABORATORY)		
Sample Collected:	10/02/1987	Findings:	323.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	10/02/1987	Findings:	394.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1987	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	10/02/1987	Findings:	418.600 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	10/02/1987	Findings:	96.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1987	Findings:	43.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1987	Findings:	40.900 MG/L
Chemical:	SODIUM		
Sample Collected:	10/02/1987	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/02/1987	Findings:	64.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/02/1987	Findings:	18.500 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
14 **SW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**373840121532901**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1960	County:	Alameda
Altitude:	312.80 ft.	State:	California
Well Depth:	155.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Irrigation

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15 **WSW** **1/2 - 1 Mile** **Lower**		**CA WELLS**	**22402**

Water System Information:

Prime Station Code:	D38/001-PWF-R	User ID:	ENG
FRDS Number:	3810001008	County:	San Francisco
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	373846.2 1215336.2	Precision:	1 Mile (One Minute)
Source Name:	PLEASANTON WELL FIELD-4 WELLS		
System Number:	3810001		
System Name:	SF Public Utilities Commission		
Organization That Operates System:	1155 MARKET ST. SAN FRANCISCO, CA 94103		
Pop Served:	750000	Connections:	160830
Area Served:	Not Reported		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	11/14/1986	Findings:	15.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	11/14/1986	Findings:	918.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/14/1986	Findings:	7.500
Chemical:	FIELD PH		
Sample Collected:	11/14/1986	Findings:	323.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	11/14/1986	Findings:	393.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/14/1986	Findings:	.700 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	11/14/1986	Findings:	.050 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	11/14/1986	Findings:	421.700 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	11/14/1986	Findings:	94.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/14/1986	Findings:	45.300 MG/L
Chemical:	MAGNESIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
8 **North** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**373928121524901**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1975	County:	Alameda
Altitude:	328.90 ft.	State:	California
Well Depth:	72.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	Not Reported	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

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11 **WSW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**373856121532801**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1975	County:	Alameda
Altitude:	314.50 ft.	State:	California
Well Depth:	61.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

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12 **WNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**373919121532701**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1977	County:	Alameda
Altitude:	323.00 ft.	State:	California
Well Depth:	71.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	61.30 ft.	Prim. Use of Site:	Observation
Date Measured:	10201977	Prim. Use of Water:	Not Reported

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13 **NW** **1/2 - 1 Mile** Lower	**FED USGS**	**373931121531901**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1975	County:	Alameda
Altitude:	323.40 ft.	State:	California
Well Depth:	46.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **SSW** **0 - 1/8 Mile** **Higher**	**FED USGS**	**373901121524701**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1951	County:	Alameda
Altitude:	325.50 ft.	State:	California
Well Depth:	105.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	44.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	08161951	Prim. Use of Water:	Domestic

A5 **West** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**373904121525601**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Alameda
Altitude:	323.00 ft.	State:	California
Well Depth:	65.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	19.00 ft.	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Unused

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6 **WNW** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**373906121525601**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1961	County:	Alameda
Altitude:	323.50 ft.	State:	California
Well Depth:	52.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	Not Reported	Prim. Use of Site:	Unused
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

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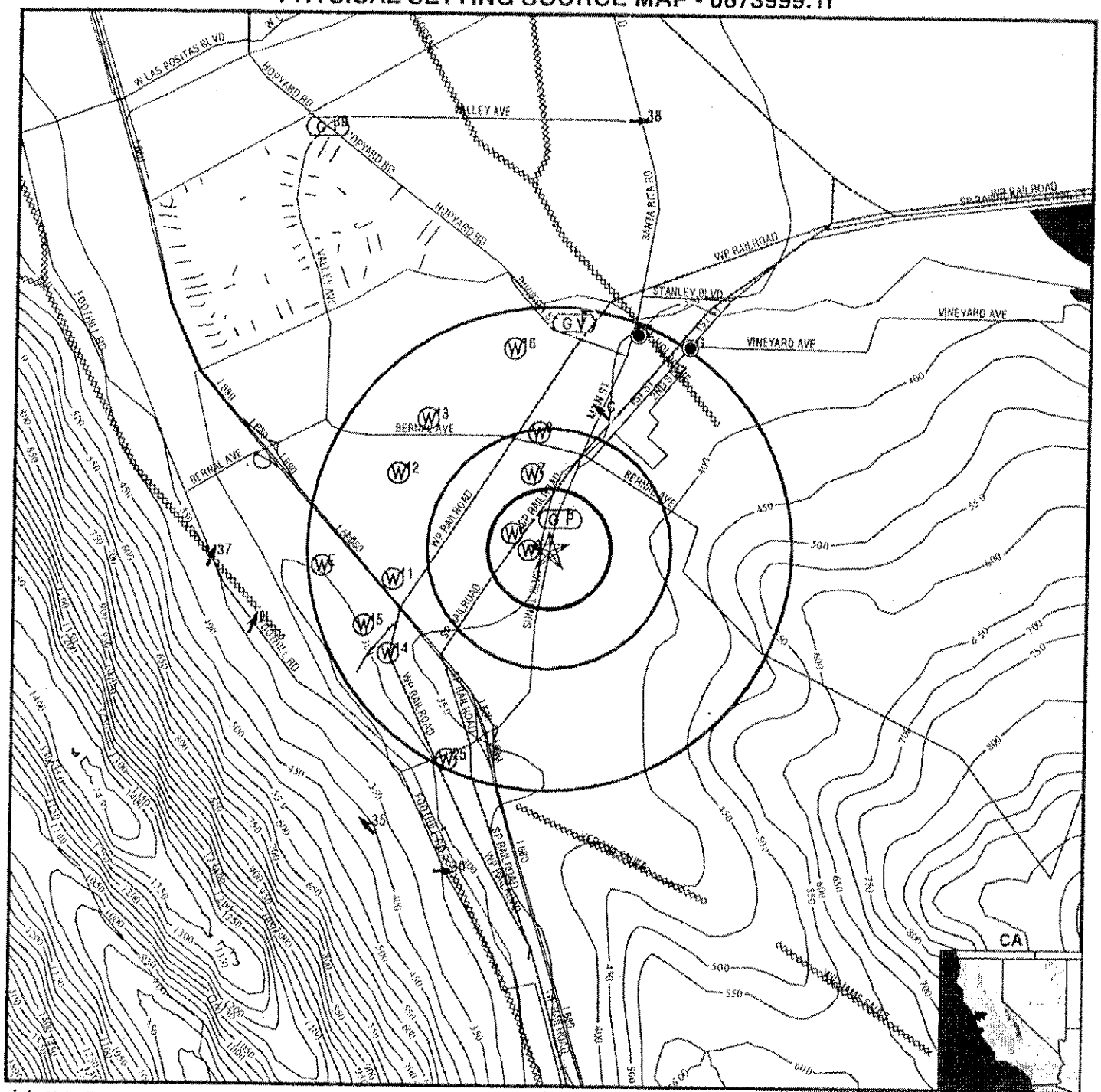
7 **NNW** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**373919121525101**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1960	County:	Alameda
Altitude:	326.50 ft.	State:	California
Well Depth:	42.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

PHYSICAL SETTING SOURCE MAP - 0673999.1r



- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons
- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY:	TRI Capital	CUSTOMER:	ATC Associates Inc.
ADDRESS:	Sunol/Junipero Street	CONTACT:	Kelley O'Rourke
CITY/STATE/ZIP:	Pleasanton CA 94566	INQUIRY #:	0673999.1r
LAT/LONG:	37.6507 / 121.8805	DATE:	August 28, 2001 12:26 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	373901121524701	0 - 1/8 Mile SSW
A5	373904121525601	1/8 - 1/4 Mile West
6	373906121525601	1/8 - 1/4 Mile WNW
7	373919121525101	1/4 - 1/2 Mile NNW
8	373928121524901	1/4 - 1/2 Mile North
11	373856121532801	1/2 - 1 Mile WSW
12	373919121532701	1/2 - 1 Mile WNW
13	373931121531901	1/2 - 1 Mile NW
14	373840121532901	1/2 - 1 Mile SW
16	373946121525601	1/2 - 1 Mile North
E18	373859121534701	1/2 - 1 Mile West
E22	373859121534801	1/2 - 1 Mile West
25	373817121531301	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D17	CA0105020	1/2 - 1 Mile NNE

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
15	22402	1/2 - 1 Mile WSW

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures:
silt loam
very gravelly - sandy loam
gravelly - loam
sandy loam
very gravelly - sand
very gravelly - coarse sandy loam
extremely gravelly - sand
clay
clay loam
silty clay loam

Surficial Soil Types:
silt loam
very gravelly - sandy loam
gravelly - loam
sandy loam
very gravelly - sand
very gravelly - coarse sandy loam
extremely gravelly - sand
clay
clay loam
silty clay loam

Shallow Soil Types:
clay loam
clay
gravelly - sandy clay loam

Deeper Soil Types:
stratified
gravelly - fine sandy loam
very gravelly - loamy coarse sand
loam
gravelly - loam
extremely gravelly - sand
clay

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GEOLOGIC AGE IDENTIFICATION

Geologic Code: Tpc
Era: Cenozoic
System: Tertiary
Series: Pliocene

ROCK STRATIGRAPHIC UNIT

Category: Continental Deposits

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: YOLO

Soil Surface Texture: 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. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information

	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	26 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
2	26 inches	65 inches	silt 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: 2.00 Min: 0.60	Max: 8.40 Min: 6.10

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:
Search Radius: 2.0 miles
Status: Not found

AQUIFLOW®

Search Radius: 2.000 Miles.

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
B2	1/8 - 1/4 Mile NNE	Not Reported
B3	1/8 - 1/4 Mile NNE	Not Reported
B4	1/8 - 1/4 Mile NNE	Not Reported
C9	1/2 - 1 Mile NNE	NW
C10	1/2 - 1 Mile NNE	NW
F19	1/2 - 1 Mile North	Varies
F20	1/2 - 1 Mile North	Varies
F21	1/2 - 1 Mile North	Varies
D23	1/2 - 1 Mile NNE	WSW
D24	1/2 - 1 Mile NNE	WSW
D26	1/2 - 1 Mile NNE	ESE
D27	1/2 - 1 Mile NNE	Varies
D28	1/2 - 1 Mile NNE	N
G29	1/2 - 1 Mile NE	Not Reported
G30	1/2 - 1 Mile NE	Not Reported
G31	1 - 2 Miles NE	NW
G32	1 - 2 Miles NE	NW
H33	1 - 2 Miles WSW	NNE
H34	1 - 2 Miles WSW	NNE
35	1 - 2 Miles SSW	NW
36	1 - 2 Miles SSW	E
37	1 - 2 Miles West	NNE
38	1 - 2 Miles North	E
39	1 - 2 Miles NNW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

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.

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.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2437121-F8 DUBLIN, CA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General WNW

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

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

Target Property County	FEMA Flood Electronic Data
ALAMEDA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	0600120004D / CBPP
Additional Panels in search area:	0600010205B / CBPP 0600120003D / CBPP 0600120007C / CBPP 0600120006D / CBPP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
DUBLIN	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.

GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TRI CAPITAL
SUNOL/JUNIPERO STREET
PLEASANTON, CA 94566

TARGET PROPERTY COORDINATES

Latitude (North):	37.650700 - 37° 39' 2.5"
Longitude (West):	121.880501 - 121° 52' 49.8"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	598757.6
UTM Y (Meters):	4167445.2

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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. 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.

Date of Government Version: 06/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 07/19/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/06/01
Date of Next Scheduled EDR Contact: 10/08/01

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 06/11/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 02/01/01
Database Release Frequency: Annually

Date of Last EDR Contact: 06/04/01
Date of Next Scheduled EDR Contact: 09/03/01

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

HISTORICAL AND 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.

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

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.

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 1999 from the U.S. Fish and Wildlife Service.

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/10/01
Date of Next Scheduled EDR Contact: 10/08/01

LUST REG 7: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 05/14/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/02/01
Date of Next Scheduled EDR Contact: 10/01/01

LUST REG 8: Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

Date of Government Version: 11/22/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/18/01
Date of Next Scheduled EDR Contact: 08/13/01

LUST REG 9: Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2952

Date of Government Version: 03/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/25/01
Date of Next Scheduled EDR Contact: 10/22/01

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 02/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/31/01
Date of Next Scheduled EDR Contact: 08/27/01

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/20/01
Date of Next Scheduled EDR Contact: 10/15/01

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 05/24/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 06/06/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/30/01
Date of Next Scheduled EDR Contact: 10/29/01

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 06/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/18/01
Date of Next Scheduled EDR Contact: 09/17/01

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 01/23/01
Database Release Frequency: Annually

Date of Last EDR Contact: 07/24/01
Date of Next Scheduled EDR Contact: 10/22/01

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Date of Government Version: 02/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/31/01
Date of Next Scheduled EDR Contact: 08/27/01

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/20/01
Date of Next Scheduled EDR Contact: 10/15/01

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/24/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

LUST REG 4: Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

Date of Government Version: 08/09/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/05/01
Date of Next Scheduled EDR Contact: 10/01/01

LUST REG 5: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

LUST REG 6L: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/12/01
Date of Next Scheduled EDR Contact: 09/17/01

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-525-6565

Date of Government Version: 05/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/30/01
Date of Next Scheduled EDR Contact: 10/29/01

SUTTER COUNTY:

Underground Storage Tanks
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/02/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/24/01
Date of Next Scheduled EDR Contact: 10/08/01

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 04/02/01
Database Release Frequency: Annually

Date of Last EDR Contact: 05/30/01
Date of Next Scheduled EDR Contact: 08/27/01

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/26/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/19/01
Date of Next Scheduled EDR Contact: 09/17/01

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/22/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/17/01
Date of Next Scheduled EDR Contact: 10/15/01

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO COUNTY:

Local Oversite Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/17/01
Date of Next Scheduled EDR Contact: 09/10/01

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 06/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/12/01
Date of Next Scheduled EDR Contact: 09/10/01

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 03/26/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/30/01
Date of Next Scheduled EDR Contact: 10/29/01

Business Inventory
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 05/15/01
Database Release Frequency: Annually

Date of Last EDR Contact: 07/17/01
Date of Next Scheduled EDR Contact: 10/15/01

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-927-0710

Date of Government Version: 07/09/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/17/01
Date of Next Scheduled EDR Contact: 10/01/01

Hazaroud Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 09/28/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/12/01
Date of Next Scheduled EDR Contact: 09/10/01

SOLANO COUNTY:

Leaking Undergroung Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/12/01
Date of Next Scheduled EDR Contact: 09/17/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/24/01
Date of Next Scheduled EDR Contact: 10/22/01

SACRAMENTO COUNTY:

CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Date of Government Version: 05/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/06/01
Date of Next Scheduled EDR Contact: 11/05/01

ML - Regulatory Compliance Master List
Source: Sacramento County Environmental Management
Telephone: 916-875-8450
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/06/01
Date of Next Scheduled EDR Contact: 11/05/01

SAN BERNARDINO COUNTY:

Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
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: 02/06/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/12/01
Date of Next Scheduled EDR Contact: 09/10/01

SAN DIEGO COUNTY:

Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 07/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 06/01/01
Date of Next Scheduled EDR Contact: 08/27/01

Hazardous Materials Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
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: 06/20/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 11/17/00
Database Release Frequency: Annually

Date of Last EDR Contact: 07/02/01
Date of Next Scheduled EDR Contact: 10/01/01

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/12/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/12/01
Date of Next Scheduled EDR Contact: 09/10/01

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/29/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/12/01
Date of Next Scheduled EDR Contact: 09/10/01

List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 06/12/01
Date of Next Scheduled EDR Contact: 09/10/01

PLACER COUNTY:

Master List of Facilities
Source: Placer County Health and Human Services
Telephone: 530-889-7335
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/11/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/26/01
Date of Next Scheduled EDR Contact: 09/24/01

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/24/01
Date of Next Scheduled EDR Contact: 10/22/01

Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 10/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 05/30/01
Date of Next Scheduled EDR Contact: 08/27/01

City of Torrance Underground Storage Tank
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 02/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

City of Los Angeles Landfills
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 08/31/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/21/01
Date of Next Scheduled EDR Contact: 09/17/01

HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/28/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/30/01
Date of Next Scheduled EDR Contact: 08/20/01

Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/11/01
Database Release Frequency: Annually

Date of Last EDR Contact: 06/23/01
Date of Next Scheduled EDR Contact: 08/20/01

San Gabriel Valley Areas of Concern
Source: EPA Region 9
Telephone: 415-744-2407
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: N/A

Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 03/05/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/08/01
Date of Next Scheduled EDR Contact: 11/05/01

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 04/02/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/02/01
Date of Next Scheduled EDR Contact: 10/01/01

Date of Government Version: 12/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/30/01
Date of Next Scheduled EDR Contact: 10/29/01

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/02/01
Date of Next Scheduled EDR Contact: 09/03/01

FRESNO COUNTY:

CUPA Resources List
Source: Dept. of Community Health
Telephone: 559-445-3271
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: 05/01/01
Database Release Frequency: N/A

Date of Last EDR Contact: 05/10/01
Date of Next Scheduled EDR Contact: 08/13/01

KERN COUNTY:

Underground Storage Tank Sites & Tanks Listing
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 06/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/04/01
Date of Next Scheduled EDR Contact: 09/03/01

LOS ANGELES COUNTY:

List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 09/16/98
Database Release Frequency: Varies

Date of Last EDR Contact: 05/25/01
Date of Next Scheduled EDR Contact: 08/20/01

City of El Segundo Underground Storage Tank
Source: City of El Segundo Fire Department
Telephone: 310-607-2239

Date of Government Version: 02/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

City of Long Beach Underground Storage Tank
Source: City of Long Beach Fire Department
Telephone: 562-570-2543

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 08/01/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-227-4382
Registered Aboveground Storage Tanks.

Date of Government Version: 05/23/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/06/01
Date of Next Scheduled EDR Contact: 11/05/01

Drycleaners: Drycleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-225-0873
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 lalaundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 07/27/01
Database Release Frequency: Annually

Date of Last EDR Contact: 07/10/01
Date of Next Scheduled EDR Contact: 10/08/01

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 07/19/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/26/01
Date of Next Scheduled EDR Contact: 09/24/01

HAZNET: Hazardous Waste Information System
Source: California Environmental Protection Agency
Telephone: 916-255-1136
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: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 06/26/01
Date of Next Scheduled EDR Contact: 09/13/01

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/21/01
Date of Next Scheduled EDR Contact: 10/29/01

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

WMUDS/SWAT: Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
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: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 06/12/01

LUST: Leaking Underground Storage Tank Information System
Source: State Water Resources Control Board
Telephone: 916-445-6532
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.

Date of Government Version: 03/31/01
Date Made Active at EDR: 05/07/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/12/01
Elapsed ASTM days: 25
Date of Last EDR Contact: 07/25/01

CA BOND EXP. PLAN: Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
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: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities
Source: SWRCB
Telephone: 916-341-5700
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 08/01/01
Date Made Active at EDR: 08/20/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/01/01
Elapsed ASTM days: 19
Date of Last EDR Contact: 08/01/01

CA FID UST: Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-445-6532
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: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-227-4408
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CAL-SITES: Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
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.

Date of Government Version: 10/01/00
Date Made Active at EDR: 11/22/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00
Elapsed ASTM days: 23
Date of Last EDR Contact: 07/30/01

CHMIRS: California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-464-3283
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94
Date Made Active at EDR: 04/24/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95
Elapsed ASTM days: 42
Date of Last EDR Contact: 05/29/01

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-327-1848
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 07/30/01

NOTIFY 65: Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-657-0696
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: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/24/01

TOXIC PITS: Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
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: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 08/07/01

SWF/LF (SWIS): Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
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: 06/21/01
Date Made Active at EDR: 07/24/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/28/01
Elapsed ASTM days: 26
Date of Last EDR Contact: 06/28/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
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: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 06/11/01
Date of Next Scheduled EDR Contact: 09/10/01

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/98
Database Release Frequency: Annually
Date of Last EDR Contact: 06/27/01
Date of Next Scheduled EDR Contact: 09/24/01

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-1444
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: 12/31/98
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 09/10/01

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
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: 08/30/00
Database Release Frequency: Quarterly
Date of Last EDR Contact: 06/26/01
Date of Next Scheduled EDR Contact: 09/24/01

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 08/10/00
Database Release Frequency: Quarterly
Date of Last EDR Contact: 06/26/01
Date of Next Scheduled EDR Contact: 09/24/01

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/08/00
Date Made Active at EDR: 03/02/01
Database Release Frequency: Annually
Date of Data Arrival at EDR: 01/31/01
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/30/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/06/01
Date of Next Scheduled EDR Contact: 11/05/01

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
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: 07/07/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4526
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 07/23/01
Date of Next Scheduled EDR Contact: 10/22/01

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
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: 01/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/02/01
Date of Next Scheduled EDR Contact: 10/01/01

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-260-3936
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: 03/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 05/18/01
Date of Next Scheduled EDR Contact: 08/13/01

Date of Government Version: 03/27/01
Date Made Active at EDR: 05/16/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/11/01
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/12/01

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 06/21/00
Date Made Active at EDR: 07/31/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 21
Date of Last EDR Contact: 07/02/01

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 08/10/01

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
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: 12/31/97
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/18/01
Date of Next Scheduled EDR Contact: 09/17/01

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: NTIS
Telephone: 703-416-0223
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: 09/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 07/10/01
Date of Next Scheduled EDR Contact: 10/08/01

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

GOVERNMENT 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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
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).

Date of Government Version: 04/17/01
Date Made Active at EDR: 08/06/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/09/01
Elapsed ASTM days: 89
Date of Last EDR Contact: 08/06/01

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 04/17/01
Date Made Active at EDR: 08/06/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/09/01
Elapsed ASTM days: 89
Date of Last EDR Contact: 08/06/01

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
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: 03/16/01
Date Made Active at EDR: 04/30/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/25/01

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 03/16/01
Date Made Active at EDR: 04/30/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/25/01

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-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.
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
F003	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.
F005	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.

Site	Database(s)	EDR ID Number EPA ID Number

YELLOW TAXI CAB CO OF TRI VALLEY (Continued) S103655225

Gepaid:	CAC001111656	Tepaid:	CAD980887418
Contact:	REZA & ANN GHORBANI	Telephone:	(510) 426-1271
Gen County:	1	Tsd County:	1
Tons:	0.834		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	3596 UTAH ST UNIT B PLEASANTON, CA 94566		
County	Not reported		

BRIAN LIN PRPT/JOSHUA NEAL ELEM-PROPOSED Cal-Sites S104549013
VINEYARD AVENUE N/A
PLEASANTON, CA 94566

CAL-SITES:

Facility ID	01010006	
Status:	NA	
Status Date:	03/24/2000	
Lead:	DTSC	
Region:	1 - SACRAMENTO	
Branch:	CC - CENTRAL CALIFORNIA	
File Name:	BRIAN LIN PRPT/JOSHUA NEAL ELEM-PROPOSED	
Status Name:	NO ACTION - FOR CALMORTGAGE ONLY	
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL	Not reported
NPL:	Not reported	
SIC:	01 AGRICULTURAL PRODUCTION - CROPS	
Facility Type:	PROPOSED SCHOOL SITE PROPERTY	
Type Name:	PSCHL	
Staff Member Responsible for Site:	SKARINEN	
Supervisor Responsible for Site:	RHUME	
Region Water Control Board:	Not reported	
Access:	Not reported	
Cortese:	Not reported	
Hazardous Ranking Score:	Not reported	
Date Site Hazard Ranked:	Not reported	
Groundwater Contamination:	Not reported	
No. of Contamintion Sources:	0	
Lat/Long:	0° 0' 0.00" / 0° 0' 0.00"	
Lat/long Method:	Not reported	
State Assembly District Code:	Not reported	
State Senate District:	Not reported	

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

Site	Database(s)	EDR ID Number EPA ID Number
PIETRONAVE LF (Continued)		S104889743

Permitted Total Acreage:	0
Inspection Frequency:	Not reported
Landuse Name:	Not reported
GIS Source:	Map
Permit Status:	Not reported
Category:	Disposal
Unit Number:	01
Last Waste Tire Inspection Count :	Not reported
Last Waste Tire Inspection Date:	Not reported
Original Waste Tire Count:	Not reported
Original Waste Tire Count Date:	Not reported
Accepted Waste:	Not reported
Closure Date:	12/31/1974
Closure Type:	Estimated
Disposal Acreage:	Not reported
Remaining Capacity:	0
Site Operator:	Not reported
Closure Plans Approved By:	Not reported
Types of Waste:	Not reported
Land Owner:	Not reported
Parcel Number:	Not reported
Site Size:	Not reported
Date Operations Ceased:	Not reported
Date Closure Completed:	Not reported
Issue and Observations:	Not reported
Recommendations/Follow up:	Not reported
Lea Date:	Not reported

HERMAN F. KOOPMANN RANCH — HIST UST — U001598025
9480 SUNOL RD — N/A
PLEASANTON, CA 94566

UST HIST:

Facility ID:	31584		
Tank Num:	1	Container Num:	0000000001
Tank Capacity:	275	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Constrctn:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	OWNER	Telephone:	(415) 862-2117
Total Tanks:	1	Region:	STATE
Facility Type:	2	Other Type:	RANCH

YELLOW TAXI CAB CO OF TRI VALLEY — HAZNET — S103655225
3596 UTAH ST UNIT B — N/A
PLEASANTON, CA 94566

HAZNET:

Gepaid:	CAC001111656	Tepaid:	CAD000088232
Contact:	REZA & ANN GHORBANI	Telephone:	(510) 426-1271
Gen County:	0	Tsd County:	0
Tons:	0.1		
Category:	Contaminated soil from site clean-ups		
Disposal Method:	Transfer Station		
Mailing Address:	3596 UTAH ST UNIT B PLEASANTON, CA 94566		
County	Not reported		

Site	Database(s)	EDR ID Number EPA ID Number

SERAFIN CHIROPRACTIC (Continued) S104577736

Gepaid:	CAL000097683	Tepaid:	CAD003963692
Contact:	SERAFIN RAYMOND J DR DC	Telephone:	(000) 000-0000
Gen County:	0	Tsd County:	0
Tons:	0 0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	60 MISSION DR STE A		
	PLEASANTON, CA 94566 - 7624		
County	Not reported		

Gepaid:	CAL000097683	Tepaid:	CAD003963592
Contact:	SERAFIN RAYMOND J DR DC	Telephone:	(000) 000-0000
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	60 MISSION DR STE A		
	PLEASANTON, CA 94566 - 7624		
County	Not reported		

Gepaid:	CAL000097683	Tepaid:	CAD981402522
Contact:	SERAFIN RAYMOND J DR DC	Telephone:	(000) 000-0000
Gen County:	15	Tsd County:	Kern
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	60 MISSION DR STE A		
	PLEASANTON, CA 94566 - 7624		
County	Not reported		

The CA HAZNET database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

PIETRONAVE LF SWF/LF S104889743
750 PIETRONAVE LN PLEASANTON N/A
PLEASANTON, CA

LF:

Facility ID:	01-CR-0035
Operator:	Not reported
Owner:	Pietronave J, Homer D
Owner Address:	3311 Bay Court
	Not reported
	Belmont, CA 94002
Owner Telephone:	Not reported
Activity:	Solid Waste Disposal Site
Operator's Status:	Closed
Regulation Status:	To Be Determined
Region:	STATE
Lat/Long:	38 / -122
Waste Accepted:	Not reported
Permit Date:	Not reported
Permitted Throughput with Units:	Not reported
Permitted Throughput with Units:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Actual Capacity with Units:	0
Permited Capacity with Units:	0
Remaining Capacity with Units:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

TRI VALLEY HERALD (Continued) S104233692

Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Review Date : 02/18/1997
Stop Date : 05/26/1988
Office : Not reported
Work Suspended :N
Responsible Party:Not reported
Summary: TRANSFERRED TO ACDEH LOP PROG-8/16/96. REQ. CASE CLOSURE..12/31/96.CASE CLOSED 02/11/97

LUST Region 2:
Region: 2
Facility Id: 01-2076
Entered Date: 06/12/95
Facility Status: Signed off, remedial action completed or deemed unnecessary
Maximum Soil Concentration: 1000
Maximum Groundwater Impact: Not reported
County : Alameda
Current Benzene: Not reported
Current MTBE : Not reported
Maximum MTBE: Not reported
MTBE Quali: Not reported

CORTESE:
Reg By: LTNKA
Reg Id: 01-2076
Region: CORTESE

SERAFIN CHIROPRACTIC
60 MISSION DR SUITE A
PLEASANTON, CA 94566

HAZNET **S104577736**
N/A

HAZNET:

Gepaid:	CAL000097683	Tepaid:	CAD070148432
Contact:	SERAFIN RAYMOND J DR DC	Telephone:	(000) 000-0000
Gen County:	1	Tsd County:	1
Tons:	0.0417		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Treatment, Incineration		
Mailing Address:	60 MISSION DR STE A PLEASANTON, CA 94566 - 7624		
County	Not reported		

Gepaid:	CAL000097683	Tepaid:	CAD070148432
Contact:	SERAFIN RAYMOND J DR DC	Telephone:	(000) 000-0000
Gen County:	1	Tsd County:	1
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Treatment, Incineration		
Mailing Address:	60 MISSION DR STE A PLEASANTON, CA 94566 - 7624		
County	Not reported		

Site	Database(s)	EDR ID Number EPA ID Number
EQUILON ENTERPRISES LLC **11989 DUBLIN BL/SAN RAMON RD** **DUBLIN, CA 94566**	**HAZNET** **Cortese**	**S103625113** **N/A**

HAZNET:

Gepaid:	CAD981402456	Tepaid:	CAD009466392
Contact:	EQUILON ENTERPRISES LLC	Telephone:	(713) 241-2258
Gen County:	7	Tsd County:	7
Tons:	0.15		
Category:	Empty containers less than 30 gallons		
Disposal Method:	Recycler		
Mailing Address:	PO BOX 2099		
	HOUSTON, TX 77252 - 2099		
County	Not reported		

CORTESE:

Reg By:	LTNKA
Reg Id:	01-2267
Region:	CORTESE

Site	Database(s)	EDR ID Number EPA ID Number
TRI VALLEY HERALD **7132 D JOHNSON DR** **PLEASANTON, CA 94566**	**LUST** **Cortese**	**S104233692** **N/A**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-2076		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Alameda		
Review Date:	04/17/1995	Confirm Leak:	04/17/1995
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	2/11/1997		
Release Date:	05/26/1988		
Cleanup Fund Id :	Not reported		
Discover Date :	05/26/1988		
Enforcement Dt :	/ /		
Enf Type:	Not reported		
Enter Date :	06/12/1995		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Lat/Lon :	37.691 / -121.9159		
Leak Cause:	Unknown		
Leak Source:	Unknown		
Local Case # :	5851		
Beneficial:	Not reported		
Staff :	CTH		
MTBE Date :	/ /		
MTBE Tested :	NT		
Max MTBE GW :	0		
GW Qualifies :	Not reported		

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
DUBLIN	S103625113	EQUILON ENTERPRISES LLC	11989 DUBLIN BLVD/SAN RAMON RD	94566	HAZNET, Cortese	01-2267
PLEASANTON	S104233692	TRI VALLEY HERALD	7132 D JOHNSON DR	94566	LUST, Cortese	01-2076
PLEASANTON	S104577736	SERAFIN CHIROPRACTIC	60 MISSION DR SUITE A	94566	HAZNET	CAL000097683
PLEASANTON	S104889743	PIETRONAVE LF	750 PIETRONAVE LN PLEASANTON		SWF/LF	01-CR-0035
PLEASANTON	U001598025	HERMAN F. KOOPMANN RANCH	9480 SUNOL RD	94566	HIST UST	
PLEASANTON	S103655225	YELLOW TAXI CAB CO OF TRI VALLEY	3596 UTAH ST UNIT B	94566	HAZNET	CAC001111656
PLEASANTON	S104549013	BRIAN LIN PRPT/JOSHUA NEAL ELEM-PROPOSED	VINEYARD AVENUE	94566	Cal-Sites	01010006

NUCLEAR SERVICES (Continued) S102434509

Source of Fund : Federal
Substance : Gasoline
Multiple Responsible Parties : No

CORTESE:
Reg By: LTNKA
Reg Id: 01-2205
Region: CORTESE

44
South
1/2-1
5237
Lower

S/B 680 ON THE HAPPY VALLEY OVER PASS
PLEASANTON, CA

CHMIRS S100222132
N/A

CHMIRS:

OES Control Number:	9990718	DOT ID:	1203
DOT Hazard Class:	Flammable liquid		
Chemical Name:	GASOLINE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	.25
Environmental Contamination:	Air	Property Use:	Freeway
Incident Date:	05-OCT-88	Date Completed:	05-OCT-88

H45
NE
1/2-1
5255
Higher

GARY PINNELLA
4226 1ST ST
PLEASANTON, CA 94566

CA FID UST S101624068
Cortese N/A

Site 2 of 2 in cluster H

CORTESE:
Reg By: LTNKA
Reg Id: 01-1364
Region: CORTESE

NUCLEAR SERVICES (Continued) **S102434509**

Review Date:	01/30/1997	Confirm Leak:	01/30/1997
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	2/11/1997		
Release Date:	05/22/1995		
Cleanup Fund Id :	Not reported		
Discover Date :	05/22/1995		
Enforcement Dt :	/ /		
Enf Type:	Not reported		
Enter Date :	01/30/1997		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Lat/Lon :	Not reported		
Leak Cause:	Corrosion		
Leak Source:	Unknown		
Local Case # :	5802		
Beneficial:	Not reported		
Staff :	CTH		
MTBE Date :	/ /		
MTBE Tested :	NT		
Max MTBE GW :	0		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm :	LOP		
Priority :	Not reported		
Review Date :	11/17/1997		
Stop Date :	05/22/1997		
Office :	Not reported		
Work Suspended :	N		
Responsible Party	Not reported		
Summary:	REQ. CASE CLOSURE..1/17/97..CASE CLOSED 02/14/97 ..		

LUST Region 2:

Region:	2
Facility Id:	01-2205
Entered Date:	01/30/97
Facility Status:	Signed off, remedial action completed or deemed unnecessary
Maximum Soil Concentration:	3400
Maximum Groundwater Impact:	Not reported
County :	Alameda
Current Benzene:	Not reported
Current MTBE :	Not reported
Maximum MTBE:	Not reported
MTBE Quali:	Not reported

LUST Alameda County:

Region :	ALAMEDA
Status :	Signed off, remedial action completed or deemed unnecessary
Facility Type :	Soil only
Case Closed :	Y
LOP Status :	Inactive

UNOCAL SERVICE STATION #543 (Continued) — **S101580194**

Facility ID:	01001728	Regulate ID:	CAD982042
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 846-8100
Mail To:	Not reported 911 WILSHIRE BLVD PLEASANTON, CA 94566		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

H41
NE
1/2-1
5146
Higher

4226 FIRST ST.
PLEASANTON, CA

CHMIRS **S100216208**
N/A

Site 1 of 2 in cluster H

CHMIRS:

OES Control Number:	8802521	DOT ID:	1203
DOT Hazard Class:	Flammable liquid		
Chemical Name:	GASOLINE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	50
Environmental Contamination:	Air	Property Use:	Mercantile, Business
Incident Date:	12-AUG-88	Date Completed:	12-AUG-88

G42
NNE
1/2-1
5155
Higher

MOBIL SERVICE STATION
1024 MAIN ST
PLEASANTON, CA 94566

CA FID UST **S101630324**
Cortese **N/A**

Site 2 of 2 in cluster G

CORTESE:

Reg By:	LTNKA
Reg Id:	01-0986
Region:	CORTESE

43
NNE
1/2-1
5183
Higher

NUCLEAR SERVICES
65 RAY ST
PLEASANTON, CA 94566

LUST **S102434509**
Cortese **N/A**

State LUST:

Cross Street:	Not reported
Qty Leaked:	Not reported
Case Number	01-2205
Reg Board:	San Francisco Bay Region
Chemical:	Gasoline
Lead Agency:	Local Agency
Local Agency :	01000
Case Type:	Soil only
Status:	Signed off, remedial action completed or deemed unnecessary
County:	Alameda

(Continued) S100222124

CHMIRS:
OES Control Number: 9990710 DOT ID: 1971
DOT Hazard Class: Gases
Chemical Name: METHANE
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 10
Environmental Contamination: Air Property Use: Vacant Lot
Incident Date: 30-JUL-88 Date Completed: 30-JUL-88

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39 CHEVRON Cortese S105030616
NNE 780 MAIN N/A
1/2-1 PLEASANTON, CA
4924
Higher

CORTESE:
Reg By: LTNKA
Reg Id: 01-1849
Region: CORTESE

G40 UNOCAL SERVICE STATION #543 CA FID UST S101580194
NNE 992 MAIN ST HAZNET N/A
1/2-1 PLEASANTON, CA 94566 Cortese
5087
Higher **Site 1 of 2 in cluster G**

HAZNET:
Gepaid: CAD982042517 Tepaid: CAT080011059
Contact: UNION OIL COMPANY OF CALIFORNI Telephone: (714) 428-6560
Gen County: 19 Tsd County: Los Angeles
Tons: 0.2293
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Mailing Address: PO BOX 25376
SANTA ANA, CA 92799 - 5376
County Not reported

CORTESE:
Reg By: LTNKA
Reg Id: 01-0054
Region: CORTESE

FID:
Facility ID: 01001728 Regulate ID: CAD982042
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (510) 655-9430
Mail To: Not reported
911 WILSHIRE BLVD
OAKLAND, CA 94618
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

(Continued) S100218662

CHMIRS:
OES Control Number: 8910537 DOT ID: 1978
DOT Hazard Class: Gases
Chemical Name: PROPANE
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 10
Environmental Contamination: Air Property Use: Public Assembly
Incident Date: 07-JUL-89 Date Completed: 07-JUL-89

36
NNE
1/2-1
4358
Higher

SOUTH OF 4363 FIRST STREET
PLEASANTON, CA 94566

CHMIRS S100221434
N/A

CHMIRS:
OES Control Number: 9099415 DOT ID: 1993
DOT Hazard Class: Flammable liquid
Chemical Name: DIESEL FUEL
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 1
Environmental Contamination: Ground Property Use: County/City Road
Incident Date: 10-AUG-90 Date Completed: 10-AUG-90

37
North
1/2-1
4530
Higher

L & R TRUCKING
4227 PLEASANTON AVE
PLEASANTON, CA 94566

CA FID UST S101624071
HAZNET N/A
Cortese

HAZNET:
Gepaid: CAC000943792 Tepaid: CAD009466392
Contact: JOHN C WHALEN Telephone: (000) 000-0000
Gen County: 7 Tsd County: 7
Tons: 1.05
Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Mailing Address: P O BOX 358
PLEASANTON, CA 94566
County Not reported

CORTESE:
Reg By: LTNKA
Reg Id: 01-1672
Region: CORTESE

38
East
1/2-1
4634
Higher

END OF ABBIE ST.
PLEASANTON, CA

CHMIRS S100222124
N/A

KAISER ALUMINUM & CHEMICAL (Continued) **S101580209**

CORTESE:
Reg By: CALSI
Reg Id: 01280050
Region: CORTESE

FID:

Facility ID:	01001862	Regulate ID:	00004636
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 462-1122
Mail To:	Not reported 6177 SUNOL BLVD PLEASANTON, CA 94566		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

33
North
1/2-1
3865
Same

ALAMEDA CO FAIR ASSOCIATION
4501 PLEASANTON AVE
PLEASANTON, CA 94566

CA FID UST **S101624052**
Cortese **N/A**

CORTESE:
Reg By: LTNKA
Reg Id: 01-0044
Region: CORTESE

34
NNE
1/2-1
3906
Higher

549 MAIN ST.
PLEASANTON, CA

CHMIRS **S100280691**
N/A

CHMIRS:

OES Control Number:	9990719	DOT ID:	1971
DOT Hazard Class:	Gases		
Chemical Name:	METHANE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	Air	Property Use:	Mercantile, Business
Incident Date:	13-OCT-88	Date Completed:	13-OCT-88

35
ENE
1/2-1
3953
Higher

ALAMEDA COUNTY FAIRGROUNDS CARNIVAL AREA
PLEASANTON, CA 94566

CHMIRS **S100218662**
N/A