

**PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT**

COUNTY CROSSINGS PROPERTY

ANTIOCH, CALIFORNIA

SUBMITTED

TO

**FKP, INC.
C/O BROSAMER & WALL, LLC.**

WALNUT CREEK, CALIFORNIA

PREPARED

BY

ENGE O INCORPORATED

PROJECT NO. 6745.1.001.02

OCTOBER 4, 2007

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Project No.
6745.1.001.02

October 4, 2007

Mr. Daniel Revay
FKP, Inc.
c/o Brosamer & Wall, LLC.
1777 Oakland Blvd, Suite 300
Walnut Creek, CA 94596

Subject: County Crossings Property
Antioch, California

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Revay:

ENGEO Incorporated (ENGEO) is pleased to present our phase one environmental site assessment of the subject property (Property), located in Antioch, California. The attached report includes a description of the site assessment activities, along with ENGEO's findings, opinions, and conclusions regarding the Property.

ENGEO has the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the Property, and has developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. We declare that, to the best of our professional knowledge and belief, the responsible charge for this study meets the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312 and ASTM 1527-05.

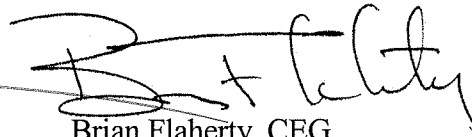
We are pleased to be of service to you on this project. If you have any questions concerning the contents of our report, please contact us.

Very truly yours,

ENGEO Incorporated



Shawn Munger, CHG, REAII



Brian Flaherty, CEG

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EXECUTIVE SUMMARY

The approximately 268-acre Property is located at north of State Route 4, west of State Route 160, and east of Hillcrest Avenue, Antioch, California (Figure 1). The Property includes 21 parcels with eight property owners. Review of topographic maps indicates the Property elevations range from approximately 40 feet above mean sea level (msl) west of Willow Road to nearly 200 feet above msl in the southeastern area of the Property (Figure 2). The majority of the Property lies at an elevation of 40 to 60 feet above msl.

The Property consists primarily of undeveloped land, with several residential structures, a towing yard, and a commercial metal recycler. Review of historical records indicate that the Property has the following historic uses: PDQ metals warehouse/recycling plant, Southern Pacific Railroad, Kerley Chemical, six active/former petroleum pipelines, and orchards.

This assessment included a review of local, state, tribal, and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources. A reconnaissance of the Property was conducted to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials. An interview was also conducted with persons knowledgeable about current and past site use of the Property.

The site reconnaissance and records review found physical evidence and documentation of significant soil or groundwater impairments associated with the use of the Property. A review of regulatory databases maintained by county, state, tribal and federal agencies found documentation of hazardous materials violations or discharge on the Property and identified contaminated facilities within the appropriate American Society for Testing and Materials (ASTM) search distances that would reasonably be expected to impact the Property.

ENGEO Incorporated (ENGEO) has performed a phase one environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05 “Standard Practice for Environmental Site Assessments” and USEPA “Standards and Practices for All Appropriate Inquires”, 40 CFR Part 312. Based on the findings of this assessment, there are three Recognized Environmental Conditions (RECs) as follows:

Former Hickson - Kerley Property (FKP)

Seven acres located within the southwestern area of APN 052-051-034 were previously operated as an agricultural chemical facility. A variety of nitrogen and sulfur based products were manufactured at this plant between 1962 and 1992. Between 1996 and 1999 site closure activities were undertaken, including soil remediation, under the jurisdiction of the Contra Costa Health Services Department (CCHS). Groundwater has been impacted with constituents including sulfates, ammonia and manganese. Groundwater monitoring and cleanup activities are under the oversight and jurisdiction of the Central Valley Regional Water Quality Control Board (CVRWQCB). Six groundwater extraction wells were utilized to facilitate remediation of impacted groundwater. More than 15 monitoring wells have been constructed across the FKP parcels. FKP, Inc. requested discontinuance of the Groundwater Monitoring and Reporting Program in March 2005.

Chevron Old Valley Pipeline (OVP)

Six active or former petroleum pipelines are located within the railroad right-of-way extending east to west near the southern Property boundary. These pipelines include ChevronTexaco's predecessor pipelines that transported heavy petroleum (crude oil and Bunker C fuel oil). During 1995 remedial activities and monitoring at the former Hickson - Kerley facility, separate-phase petroleum product was identified. Subsequent investigations identified petroleum impacted soil and groundwater. Polynuclear Aromatic Hydrocarbons (PAHs) have also been detected in the subsurface. Remedial activities have been limited to continued removal of the separate phase

hydrocarbons from monitoring wells. More than 50 soil borings have been drilled within the area. Investigative work continues to delineate the extent of the soil and groundwater impacts. Risk assessments, feasibility studies and remedial action plans have not been developed for the FKP site. However, it does appear that, due to the low-volatility of the petroleum products released from the OVP (e.g., unrefined product) and the general lack of exposure pathways (e.g., major soil impacts are at depth), human health risks are low.

PG&E Oakley Metering Station

The former PG&E facility was located in the northern area of APN 052-051-035 near the intersection of Oakley Road and Phillips Lane (Figure 4 and 7). During the 1970s, the facility processed natural gas condensate. In 1991, soil and groundwater impacted with petroleum hydrocarbons and polychlorinated biphenyls (PCBs) was identified. As of October 2004, 24 monitoring wells, four groundwater extraction wells and four vapor extraction wells were installed within the area of the former PG&E site. Review of the Quarter 28/Annual 2006 monitoring report shows limited residual groundwater impacts within the area of the former metering station. Groundwater monitoring continues to date.

Based on the review of regulatory databases and site reconnaissance, we present information on features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs. We briefly discuss each feature below:

PDQ Products/Metallics Refining

This facility, APN 052-052-002 processes scrap aluminum and zinc for resale. The metal recycling operation has been in operation for more than 20 years. Scrap metal is transported to the site where is separated and processed into powder/pellets and casts for resale. Some casting and aluminum parts manufacturing also takes place at the site. Prior to the mid-1970s, another commercial development was located on the parcel, which apparently included large above-

ground oil storage tanks. This operation may have been associated with the adjacent underground petroleum pipelines. The PDQ site is not currently listed as a contaminated facility; however, given the current and historical operations, it is conceivable that soil and/or groundwater may have been impacted. A subsurface assessment should be performed for the parcel. This work should include the recovery of soil and groundwater samples with analysis for petroleum hydrocarbon, PAHs, and metals analyses.

Former Orchard

More than 100 of the total 268 acres consisted historically of orchard. The specific type of trees cultivated at the site was not determined from the assessment; however, given the history of the area, almonds and walnuts may have been grown. Based on our past experience with agrichemical impact assessments in the Antioch area, it is unlikely that significant concentrations of residual pesticides are in site soils. A previous agrichemical assessment conducted for parcels 051-170-003 and 051-170-052 found no evidence of environmental impacts associated with past agricultural use of these parcels. If sensitive land uses, such as residential development, are planned for the remaining orchard areas, an agrichemical impact assessment should be considered for the former orchard parcels. This work should include recovery of near-surface soil samples with analysis for organochlorine pesticides, arsenic, and lead.

PG&E Substation

The substation is located near the western Property boundary along Hillcrest Avenue. The substation has been in place since at least the 1950s. Although the substation is not currently listed as a contaminated facility, it is conceivable that site soil and/or groundwater surrounding the substation facility may have been impacted. If sensitive land uses, such as residential development, are planned for the area abutting the PG&E property, a limited soil and groundwater sampling program should be undertaken along the perimeter of the substation. Samples should be analyzed for petroleum hydrocarbons and PCBs.

Railroad Right of Way

The railway right-of-way extends across the entire Property. Based on our past experience, it is conceivable that ballast material and surrounding soil may have been impacted with metals, petroleum hydrocarbons, PAHs, or other compounds. If sensitive land uses, such as residential development, are planned for the area proximate to the railway alignment, or if significant earth movement is to occur within the right-of-way, a sampling program should be considered along the right-of-way. Near surface soil samples should be tested for metals, PAHs and petroleum hydrocarbons

Petroleum Pipeline Alignment

To date, the investigations associated with the petroleum pipelines have been limited to the area of the former Hickson - Kerley facility (APN 052-051-034). Given the length of the pipeline easement on the Property (greater than 8000 feet) it is conceivable that other undetected areas of soil and/or groundwater may exist along the alignment. If sensitive land uses, such as residential development, are planned for the area proximate to the pipelines, we recommend a subsurface assessment be conducted along the pipeline alignment both east and west of the FKP area. The study should include the collection of soil and groundwater samples with analysis for petroleum hydrocarbons, BTEX, and PAHs.

ENGEO has performed a phase one environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05 “Standard Practice for Environmental Site Assessments” and USEPA “Standards and Practices for All Appropriate Inquires”, 40 CFR Part 312. Based on the findings of this assessment, ENGEO recommends a phase two environmental site assessment to address the noted potential environmental concerns.

1.0 INTRODUCTION

The approximately 268-acre Property is located north of State Route 4, west of State Route 160, and east of Hillcrest Avenue, Antioch, Contra Costa County, California (Figure 1). The Property includes 21 parcels with eight property owners. Review of topographic maps indicates the Property elevations range from approximately 40 feet above mean sea level (msl) west of Willow Road to nearly 200 feet msl in the southeastern area of the Property (Figure 2). The majority of the Property lies at an elevation of 40 to 60 feet msl.

1.1 Purpose of Phase One Environmental Site Assessment

This assessment was performed at the request of Brosamer & Wall, LLC for the purpose of environmental due diligence. The objective of this phase one environmental site assessment is to identify recognized environmental conditions (REC) associated with the Property. As defined in the ASTM Standard Practice E 1527-05, a REC is “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property”.

1.2 Detailed Scope of Services

The scope of services performed included the following:

- A review of publicly available and practically reviewable standard local, state, tribal, and federal environmental record sources.
- A review of publicly available and practically reviewable standard historical sources, aerial photographs, fire insurance maps and physical setting sources.
- A reconnaissance of the Property to review site use and current conditions. The reconnaissance was conducted to check for the storage, use, production or disposal of hazardous or potentially hazardous materials.

- Interviews with owners/occupants and public sector officials.
- Preparation of this report with our findings, opinions, and conclusions.

1.3 Limitations and Exceptions of Assessment

The professional staff at ENGEO strives to perform its services in a proper and professional manner with reasonable care and competence but is not infallible. The recommendations and conclusions presented in this report were based on the findings of our study, which were developed solely from the contracted services. The findings of the report are based in part on contracted database research, out-of-house reports and personal communications. The opinions formed by ENGEO are based on the assumed accuracy of the relied upon data in conjunction with our relevant professional experience related to such data interpretation. ENGEO assumes no liability for the validity of the materials relied upon in the preparation of this report.

This document must not be subject to unauthorized reuse; that is, reuse without written authorization of ENGEO. Such authorization is essential because it requires ENGEO to evaluate the document's applicability given new circumstances, not the least of which is passage of time. The findings from a phase one environmental site assessment are valid for one year after completion of the report. Updates of portions of the assessment may be necessary after a period of 180 days after completion.

This phase one environmental site assessment is not intended to represent a complete soil or groundwater characterization nor define the depth or extent of soil or groundwater contamination. It is intended to provide an evaluation of potential environmental concerns associated with the use of the Property. A more extensive assessment that would include a subsurface exploration with laboratory testing of soil and groundwater samples could provide more definitive information concerning site-specific conditions. If additional assessment activities are considered for the Property and if other entities are retained to provide such services, ENGEO cannot be held responsible for any and all claims arising from or resulting from the performance of such services

by other persons or entities. ENGEO can also not be held responsible from any and all claims arising or resulting from clarifications, adjustments, modifications, discrepancies or other changes necessary to reflect changed field or other conditions.

1.4 Special Terms and Conditions

ENGEO has prepared this report for the exclusive use of our client, Brosamer & Wall, LLC. It is recognized and agreed that ENGEO has assumed responsibility only for undertaking the study for the client. The responsibility for disclosures or reports to a third party and for remedial or mitigative action shall be solely that of the Client.

Laboratory testing of soil or groundwater samples was not within the scope of the contracted services. The assessment did not include an asbestos survey, an evaluation of lead-based paint, an inspection of light ballasts for polychlorinated biphenyls (PCBs), or a mold survey.

This report is based upon field and other conditions discovered at the time of preparation of ENGEO's assessment. Visual observations referenced in this report are intended only to represent conditions at the time of the reconnaissance. ENGEO would not be aware of site contamination, such as dumping and/or accidental spillage that occurred subsequent to the reconnaissance conducted by ENGEO personnel.

1.5 Assessor Parcel Numbers, Owner and Area

APN	Owner	Acres
052-051-012	FKP Incorporated	1.13
052-051-013	FKP Incorporated	21.62
052-051-034	FKP Incorporated	31.60
052-051-035	FKP Incorporated	36.85
052-051-036	FKP Incorporated	3.09
052-052-006	FKP Incorporated	0.47
052-052-018	FKP Incorporated	20.41

APN	Owner	Acres
052-030-021	FKP Incorporated	31.57
051-160-001	FKP Incorporated	0.35
051-160-005	FKP Incorporated	7.34
		Total: 154.43
APN	Owner	Acres
052-052-002	PDQ Products	7.70
052-052-017	PDQ Products	12.21
		Total: 19.91
APN	Owner	Acres
052-030-013	Antioch Paving Company, Inc.	5.25
		Total : 5.25
APN	Owner	Acres
052-030-015	Esver Albert A & Veronica	1.94
		Total: 1.94
APN	Owner	Acres
052-030-016	Duarte Joseph A & Kay	2.11
		Total: 2.11
APN	Owner	Acres
052-030-017	Parachini Donald G Jr, Victor M	18.74
052-030-018	Parachini Donald G Jr, Victor M	15.27
		Total: 34.01
APN	Owner	Acres
051-170-003	Roman Catholic Bishop Oakland	12.83
051-170-004	Roman Catholic Bishop Oakland	1.60
051-170-052	Roman Catholic Bishop Oakland	12.14
		Total: 26.57
APN	Owner	Acres
051-170-054	First Family Church	20.24
		Total: 20.24

1.6 Site and Vicinity Characteristics

Review of topographic maps indicates the parcel elevations range from approximately 40 feet above mean sea level (msl) west of Willow Road to nearly 200 feet msl in the southeastern area of the Property (Figure 2). The majority of the Property lies at an elevation of 40 to 60 feet msl.

The Property is underlain by Pleistocene-age alluvium according to mapping by Helley and Graymer (1997). The Pleistocene alluvium is incised by the channel of Antioch Creek. Northwest of the creek, the Pleistocene alluvium is overlain by Late Pleistocene-age windblown sand deposits. The floor of the incised creek channel is underlain by Holocene age creek sediments interpreted to be channel infill deposits. The Holocene-age creek sediments exist across much of the Property. The Pleistocene alluvium in the site vicinity consists of dense to slightly cemented sands, silts and minor sandy gravel. The Holocene sediments can be characterized as soft to stiff clays and silts with local loose sand lenses near the base of the channel infill.

Review of previous subsurface investigations and groundwater monitoring reports have identified groundwater at depths of 18 feet below the ground surface (bgs) to more than 40 feet bgs. Measurements of groundwater gradient at the FKP, Inc. site show groundwater flow to the north-northeast, while the gradient at the former PG&E Metering Station has been calculated to the east. Fluctuations in groundwater levels may be expected to occur seasonally in response to changes in precipitation, irrigation and other factors.

1.7 Current Use of Property/Description of Site Improvements

The following table summarizes current/past parcel development and improvements:

APN	Land Use	Past Land Use	Improvements
052-051-012	Residential	Orchard	One single story home
052-051-013	Undeveloped	Ranchette/Orchard	No existing improvements
052-051-034	Towing Yard	Former Kerley Fertilizer Plant	Small office building at tow yard /monitoring wells
052-051-035	Undeveloped	Sand Pit/Former PG&E Facility	None/monitoring wells
052-051-036	Undeveloped	Orchard & PG&E Facility	None/monitoring wells
052-052-006	Equestrian/Undeveloped	Undeveloped	Open barn, storage trailer
052-052-018	Undeveloped	Orchard	None
052-030-021	Undeveloped	Undeveloped	Monitoring well
051-160-001	Undeveloped	Undeveloped	None
051-160-005	Undeveloped	Undeveloped	None
052-052-002	PDQ Metals - Aluminum/zinc recycling, aluminum parts, manufacturing	Metals recycling, agriculture/farm	Three large commercial buildings
052-052-017	Undeveloped	Undeveloped	None
052-030-013	Truck equipment storage yard	Residential/Ranch	Dilapidated single story house smallwood shed corrugated metal barn
052-030-016	Undeveloped	Undeveloped	None
052-030-017	Undeveloped	Undeveloped	None
052-030-018	Undeveloped	Orchard	None
051-170-003	Undeveloped	Orchard	None
051-170-004	Undeveloped	Undeveloped	None
051-170-052	Undeveloped	Orchard	None
051-170-054	Undeveloped	Orchard	None

1.8 Current Use of Adjoining Properties

Adjacent parcel development is summarized as follows:

Western Property Area (APN 051-160-001 & 005, 052-030-018):

A PG&E Substation and a separate PG&E maintenance yard are located along Hillcrest Avenue abutting parcels 051-160-005 (Figure 4). The area south of the western parcels, across the SPRR right of way, is undeveloped open space. A BART Park & Ride facility is located just west of parcel 005. The remainder of the County Crossings parcels are located to the east.

Eastern Property Area (APN 052 051-012, 013, 034, 035 & 036, 052-052-002, 006, 017, 018):

Highway 4 is immediately east of the Property with residential development further to the east. The area to the south is an undeveloped Caltrans right of way. Oakley Road, residential sites and a church are located to the north. A PG&E groundwater treatment facility is located along Oakley Road abutting APN052-051-035 (Figure 4). The remainder of the County Crossings parcels are located to the west.

Southern Property Area (APN 052-030-013, 01.6, 017, 018 & 021):

The area to the south is an undeveloped Caltrans right of way. The remainder of the County Crossings parcels are located to the north, east, and west.

Northern Property Area (APNs 051-170-003 004, 052 & 054):

The area to the north includes undeveloped land, residential properties and a mortuary. Detention basins and the PG&E substation lie to the west. A residential subdivision is located to the east. The remainder of the County Crossings parcels are located to the south.

2.0 RECORDS REVIEW

2.1 Environmental Liens

The Preliminary Title Report lists recorded land title detail, ownership fees, leases, land contracts, easements, liens, and other encumbrances attached to or recorded against a subject property. However, laws and regulations pertaining to land trusts vary from state to state and the detail of information presented in a Preliminary Title Report can vary greatly by jurisdiction. As a result, ENGEO utilizes a Preliminary Title Report, when provided to us, as a supplement to other historical record sources.

Preliminary title reports dated were previously provided for the FKP Inc. and Roman Catholic Bishop parcels. Several pipeline easements are documented in the FKP, Inc. title report listed as Pacific Coast Oil Co., Associated Pipeline Co., Standard Pacific Gas Line Inc., Standard Oil.

Company, Shell Oil Company and Pacific Gas & Electric. Sanitary sewer and communication easements are also recorded in the title report. No references to environmental liens or deed restrictions were noted in the previous Title Reports.

2.2 Historical Record Sources

The purpose of the historical record review is to develop a history of the previous uses or occupancies of the Property and surrounding area in order to identify those uses or occupancies that are likely to have led to recognized environmental conditions on the Property.

2.2.1 Historical Topographic Maps

Historical USGS topographic maps were reviewed to determine if discernible changes in topography or improvements pertaining to the Property had been recorded. The following maps were provided to us through an EDR Historical Topographic Map Report, presented in Appendix C.

QUAD	YEAR	SERIES	SCALE
Antioch South	1953	7.5	1:24000
Antioch South	1968	7.5	1:24000
Antioch South	1973	7.5	1:24000
Antioch South	1980	7.5	1:24000

1953 Topographic Map

Three "Oil Tanks" are denoted on parcel APN 052-052-002 along with one medium-size structure and five smaller structures. A roadway is shown along the south side of the Southern Pacific Railway, extending from Willow Avenue to the site. The PG&E aerial transmission line is shown extending northwest between APNs 052-051-35 and 36. A "Sand Pit" is shown in the northern area of APN 052-051-035. In addition, a rail spur is noted along the eastern boundary of the parcel at the approximate location of the existing Highway 4 corridor. Two small structures are shown on APN 052-051-013 and within the area of APN 052-030-013. Orchards appear in the area of APN 052-051-013 and 052-051-034. A drainage course is shown extending through the subject Property from the southeast corner up through the area of APN 051-170-052. An additional northerly trending drainage is shown extending across APN 052-052-018, intersecting the other drainage within APN 052-051-034. The PG&E substation is shown near the western Property boundary. No other development or improvements are evident across the Property.

1968 Topographic Map

Conditions appear similar to 1953 with the exception of additional small structures at the APN 052-051-013 ranch site and three mid-size structures at the former Kerley facility (Willow Avenue, APN 052-051-034). Several additional small structures are shown within the area of APN 052-030-013. One small structure is shown within the area of APN 051-030-021. Orchards are not shown on the map.

1973 Topographic Map

Conditions appear similar to the 1968 topographic map with the exception that there are now only two “Oil Tanks” shown on APN 052-052-002 and Highway 4 is now shown to the south and the east of the Property. Orchards appear again in the area of APNs 052-051-013 and 052-051-034. No other development or improvements are evident across the Property.

1980 Topographic Map

Additional small structures and a pond are denoted at the Kerley facility. The "Oil Tanks" and four of the five small structures are no longer shown at APN 052-052-002. One additional small structure is shown within the area of APN 052-030-013.

2.2.2 Aerial Photographs

The following aerial photographs, provided by EDR, were reviewed for information regarding past conditions and land use at the Property and in the immediate vicinity. Some photographs do not depict the entire property. These photographs are presented in Appendix E.

FLYER	YEAR	SCALE
Fairchild	1939	1"=555'
NETR	1949	1:1000
Pacific Aerial	1952	1"=555'
Pacific Aerial	1953(2)	1"=555'
Cartwright	1959	1"=555'
Cartwright	1965	1"=333'
NETR	1966	1:1000
Pacific Aerial	1969	---
Cartwright	1971	1"=333'
NETR	1979	1:1000
Pacific Aerial	1980(2)	----

FLYER	YEAR	SCALE
WSA	1984	1"=690'
Pacific Aerial	1990	----
USGS	1993(2)	1"=666'
USGS	1998	1"=666'
NETR	2002	1:1000
Pacific Aerial	2004	1"=666'

APN 052-051-012

1939 - 1959

Orchard visible across the parcel. No structures are evident.

1969 - 1984:

The residential structure apparent on the parcel with surrounding orchards.

1990 - 2004

Site use appears similar to current conditions. Remnant orchards are evident surrounding the residence.

APN 052-051-013

1939 - 1993

A ranch complex including up to ten buildings is visible across the parcel. The remaining area of the parcel appears as orchards.

1998 - 2004

The ranch complex is no longer evident. The existing groundwater treatment compound is visible at the northwestern corner of the parcel on the 2004 photograph.

APN 052-051-0341939 - 1959

The parcel appears as undeveloped pasture with some possible dry farming. A pond is noted north of APN 052-052-002 (PDQ metals site).

1965 - 1971

The Kerley Fertilizer facility is evident at Willow Road with 5 to 6 structures visible. Two small man-made ponds appear in proximity to the aforementioned pond north of APN 052-052-002 (PDQ metals site).

1980 - 1998

Considerable activity noted at the Kerley facility, numerous above ground storage tanks and additional structures are observed, along with a large pond evident northeast of the facility. Reduced activity is apparent on the 1998 photograph.

2004

Kerley facilities are absent with the exception of a small structure along Willow Avenue (current tow yard), and remnant residential/office foundations.

APN 052-051-0351949 - 1953

No obvious development observed with the exception of dirt trails and ground disturbance across the parcel.

1969 - 1980

Considerable activity in the northern area the parcel. The specific land use could not be determined from the photograph: however, this area is denoted as "Sand Pit" on historical topographic maps. The developments may also be associated with past PG&E operations. One main structure with several trailers and vehicles across northern area of the parcel.

1980 - 2004

No development is apparent across the parcel. Possible monitoring wells are visible across the parcel.

APN 052-051-036

1949 - 1980

The parcel appears as orchard.

1984 - 2004

No development or orchard evident across the parcel.

APN 052-052-006

1939 - 1993

The parcel appears undeveloped.

1998 - 2004

A small trailer and barn appear on the parcel.

APN 051-052-018

1939 - 2004

The parcel appears undeveloped with the exception of some possible dry farming activities in the 1950s.

APN 052-030-021

1939 - 2004

The parcel appears undeveloped with the exception of some periodic dry farming.

APN 051-160-001

1953 - 2004

The parcel appears undeveloped with the exception of some periodic dry farming.

APN 051-460-005

1953 - 2004

The parcel appears undeveloped with some periods of possible dry farming. The PG&E substation located to the north is evident on all of the photographs with progressively increased activity through the 1990s.

APN 052-052-002

1939 - 1971

An apparent commercial facility is visible on the parcel. Three large above ground storage tanks are evident along with three to four residential/office buildings. As noted in the topographic map section, these tanks were identified as "Oil Tanks" on historical topographic maps (Newlove Pumping Station). The tanks were likely associated with the petroleum pipelines north of the parcel. By 1966, only the tanks and one main building remain.

1979 -1980

The tanks are no longer visible while the one structure remains.

1984 - 2004

The current building configuration (metal recycler) is evident. Awnings are noted to have been constructed on the eastern building in 1988 and 2000.

APN 052-052-017

1939 - 2004

The parcel appears undeveloped with the exception of some possible dry farming activities.

APN 052-030-013

1939

One small structure appears on the parcel.

1952 - 1969

A small ranch/residential complex is on the parcel consisting of approximately six structures. The residence west of the parcel appears in 1966.

1971 - 1984

Site development appears similar; however, only four structures are visible on the parcel.

1990 - 2004

Only two structures are noted on the parcel (residence and metal barn).

APN 052-030-016

1939 - 2004

The parcel appears undeveloped with some periodic dry farming. A small barn structure is evident on several photographs.

APN 052-030-017

1939 - 2004

The parcel appears undeveloped with some periodic dry farming activities.

APN 052-030-018

1953 - 1990

The entire parcel is visible as an orchard. The park & ride and residence to the west do not appear prior to 1984.

1993 - 2004

No orchard is evident on the parcel. Some vehicle parking/storage is observed at the west end of the parcel.

APN 051-170-003

1939 - 2004

An orchard is evident south of the drainage course. The parcel is otherwise undeveloped.

APN 051-170-004

1952 - 2004

A small structure is visible on the parcel until 2004. The site is otherwise undeveloped.

APN 051-170-052

1952 - 2004

An orchard appears across the parcel until 1996. The parcel is apparently undeveloped open space from 1996 - 2004.

APN 051-170-0541952 - 1980

The entire parcel appears as orchard.

1984 - 1996

The orchard appears inactive with only remnant trees present.

2000 - 2004

The parcel is undeveloped land.

2.2.3 Fire Insurance Maps

EDR prepared a Sanborn Fire insurance map search for the Property and surrounding properties. EDR reported that no maps were available for the Property and surrounding properties.

2.2.4 City Directory

City Directories, published since the 18th century for major towns and cities, lists the name of the resident or business associated with each address. A city directory search conducted by EDR is located in Appendix F. Review of the City Directory found references were limited to residences and a 2006 listing for PES Towing.

2.2.5 Title Report/Ownership

The Title Report lists recorded land title detail, ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against a subject property. Laws and regulations pertaining to land trusts vary from state to state and the detail of information presented in a Title Report can vary greatly by jurisdiction. As a result, ENGEO utilizes a Title Report, when provided to us, as a supplement to other historical record sources.

Preliminary title reports were previously provided for the FKP Inc. and Roman Catholic Bishop parcels. Several pipeline easements are documented in the FKP, Inc. title report listed as Pacific Coast Oil Co., Associated Pipeline Co., Standard Pacific Gas Line Inc., Standard Oil Company, Shell Oil Company and Pacific Gas & Electric. Sanitary sewer and communication easements are also recorded in the title report. No references to environmental liens or deed restrictions were noted in the previous Title Reports.

2.2.6 Government Agencies

The following agencies were contacted pertaining to possible past development and/or activity at the Property.

- City of Antioch Building and Planning Departments
- Contra Costa County Health Services
- California Regional Water Quality Control Board
- Department of Toxic Substances Control
- California Environmental Protection Agency

The City of Antioch was contacted pertaining to past development and/or activity at the Property. No building permit information was available except for the PDQ Products Parcel (APN 052-052-002). The following permits were reviewed:

10-25-74	Permit for slab and foundation
9-8-76	Gas line for melting pot
6-27-77	Land use permit for caretaker mobile home
7-8-77	Mobile Home set-up
8-3-77	Mobile Home set-up
9-2-80	Industrial building construction
2-28-80	Plan check fee for industrial buildings
10-17-80	Grading Division inspection records: 1-82 through 11-82; includes attached Foundation Investigation report, Don Hillebrandt Associates, May 2, 1980.
1-5-81	Underground site work
1-16-81	Underground plumbing for east foundry building
7-7-81	Electrical meter service permit
7-14-81	Permit for gas line relocation
4-13-82	Final inspection for industrial building

2.3 Environmental Record Sources

EDR performed a search of federal, tribal, state, and local databases regarding the Property and nearby properties. Details regarding the databases searched by EDR are provided in Appendix A. A list of the facilities documented by EDR within the approximate minimum search distance of the Property is provided below:

2.3.1 Federal ASTM Standard/Supplemental Sources

2.3.1.1 Subject Property

The Property is listed on the following databases:

- RCRA-SQG – Research Conservation and Recovery Information System -- Small Quantity Generator

<i>Hickson Corp</i>	<i>2520 Oakley Rd</i>
<i>PG&E Oakley Rd Meter Site</i>	<i>Oakley Road</i>

- FINDS – The Facility Index System contains both facility information and “pointers” to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System(PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

<i>Hickson Corp</i>	<i>2520 Oakley Rd</i>
<i>PG&E Oakley Rd Meter Site</i>	<i>Oakley Rd</i>

2.3.1.2 Other Properties

The following databases include facilities listed within the appropriate ASTM search distances of the Property on Federal ASTM Standard or supplemental sources.

- CERCLIS - NFRAP – 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.

<i>Gaylord Container Corporation</i>	<i>2301 Wilbur Avenue</i>
<i>Contra Costa Power Plant</i>	<i>201 Wilbur Avenue</i>

- CORRACTS – CORRACTS is a list of handlers with RCRA Corrective Action Activity.

<i>Contra Costa Power Plant</i>	<i>3201 Wilbur Avenue</i>
<i>E.I. Dupont De Nemours & Co</i>	<i>6000 Bridgehead Road</i>

- RCRA-TSDF – Research Conservation and Recovery Information System - Treatment, Storage or Disposal Facility

<i>Contra Costa Power Plant</i>	<i>3201 Wilbur Avenue</i>
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- RCRA-LQG – Research Conservation and Recovery Information System – Large Quantity Generator

<i>Antioch Svc Ctr</i>	<i>2111 Hillcrest Ave</i>
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- RCRA-SQG – Research Conservation and Recovery Information System -- Small Quantity Generator

<i>Hickson Corp</i>	<i>2520 Oakley Rd</i>
<i>Dees Excavation</i>	<i>3645 Leafwood Cir</i>
<i>Chevron Station No 200474</i>	<i>3400 Hillcrest Ave</i>
<i>Exxon Ras 75138</i>	<i>2700 Hillcrest Ave</i>
<i>PG&E Oakley Rd Meter Site</i>	<i>Oakley Road</i>
<i>Jose Aguiar Residence</i>	<i>RT1 Box 447-B</i>

- US Brownfields – The EPA’s listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

PG&E Corp. Yard

5400 Neroly Road

- FINDS – The Facility Index System contains both facility information and “pointers” to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System(PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

Hickson Corp

2520 Oakley Rd

Oak View Memorial Park

2500 E 18th Street

PG&E Oakley Rd Meter Site

Oakley Rd

Sun Chemical

1781 Vineyard Dr

Pacific Gas and Electric Company

Oakley Rd

Jose Aguiar Reis

RT1 Box 447-B

2.3.2 State and Local ASTM Standard/Supplemental Sources

2.3.2.1 Subject Property

The Property is listed on the following State ASTM Standard or supplemental sources.

- CORTESE – "Cortese" Hazardous Waste and Substances Sites List - Listed sites are designated by the State Water Resources Control Board (LUST), the Integrated Waste Board (SWF/LF), and the Department of Toxic Substances Control (Cal-Sites).

Hickson Kerley, Inc

Willow/Oakley Rd

- LUST – The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents.

Hicksen Kerley, Inc

Willow/Oakley Rd

- CA SLIC – SLIC Region comes from the California Regional Water Quality Control Board

*Pacific Gas and Electric Company
Chevron Texaco, Hickson Kerley*

*Oakley Rd & Phillips Ln
HWY 4*

- SL – Lists includes sites from the Underground Tank Program, Hazardous Waste Generator Program & Business Plan 12185 Program

*Metallics Refining Inc
Hickson Kerley Inc
Chevrontexaco, Hickson Kerley,*

*Willow Ave Extension
Willow Ave / Sp Rr Tr
Hwy 4*

- 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

Hickson Corp

2520 Oakley Rd

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

Oakley Road Metering Site

Oakley Rd. / Phillips

2.3.2.2 Other Properties

The following databases include facilities listed within the appropriate ASTM search distances of the Property on State ASTM Standard or supplemental sources.

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

<i>Imperial West, Antioch Plant</i>	<i>1701 Wilbur Avenue</i>
<i>PG&E, Contra Costa Power Plant</i>	<i>1456 Wilbur Avenue</i>

- WMUDS/SWAT – The Waste Management Unit Database System is used for program tracking and inventory of waste management units.

<i>Pioneer Americas, Antioch Plan</i>	<i>2151 Wilbur Ave</i>
<i>Contra Costa Power Plant</i>	<i>PO Box 249</i>

- CORTESE – "Cortese" Hazardous Waste and Substances Sites List - Listed sites are designated by the State Water Resources Control Board (LUST), the Integrated Waste Board (SWF/LF), and the Department of Toxic Substances Control (Cal-Sites).

<i>Hickson Kerley, Inc</i>	<i>Willow/Oakley Rd</i>
<i>Peckham Property</i>	<i>3215 18th Street E</i>
<i>Exxon 7-5138</i>	<i>2700 Hillcrest Ave</i>
<i>Antioch Svc Ctr</i>	<i>2111 Hillcrest Ave</i>
<i>Quik Stop Market No. 78</i>	<i>1701 Wilbur Ave</i>
<i>Imperial West Chem Co</i>	<i>1701 Wilbur Ave</i>
<i>Lauritzen Yacht Harbor</i>	<i>RTE 1</i>
<i>Antioch Paving Company</i>	<i>2540 Wilbur Ave</i>
<i>Military Family Housing</i>	<i>2300 Wilbur</i>
<i>Santa Ynez High School</i>	<i>2000 Wilbur</i>
<i>Chevron #9-3801</i>	<i>5433 Neroly Rd</i>
<i>Bridgehead Inc</i>	<i>5540 Bridgehead Rd</i>

- SWRCY – A listing of recycling facilities in California

<i>Antioch Recycling Center</i>	<i>1305 Sunset Dr</i>
<i>Safeway #1259</i>	<i>3365 Deer Valley Rd</i>

- LUST – The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents.

<i>Hicksen Kerley, Inc</i>	<i>Willow/Oakley Rd</i>
<i>Lauritzen Yacht Harbor</i>	<i>Rte 1</i>
<i>Peckham Property</i>	<i>3215 18 St E</i>
<i>Exxon 7-5138</i>	<i>2700 Hillcrest Ave</i>
<i>Antioch Paving Company</i>	<i>2540 Wilbur Ave</i>
<i>PG&E Antioch Service Center</i>	<i>2111 Hillcrest Ave</i>

<i>Hillcrest Valero</i>	<i>2700 Hillcrest Ave</i>
<i>Chevron #9-3801</i>	<i>5433 Neroly Rd</i>
<i>Bridgehead Inc.</i>	<i>5540 Bridgehead Rd</i>
<i>Beacon Hillcrest</i>	<i>1801 Hillcrest Ave</i>

- CA FID – The Facility Inventory Database contains active and inactive underground storage tank locations.

<i>Swisher Cement Contractor Inc</i>	<i>2620 E 18th St</i>
<i>WM G McCullough Co.</i>	<i>2625 E 18th St</i>
<i>Holy Cross Cemetery</i>	<i>2200 E 18th St</i>
<i>Industrial Oil Company</i>	<i>2800 E 18th St</i>
<i>Exxon 7-5138</i>	<i>2700 Hillcrest Ave</i>
<i>Golden Gate Moving and Storage</i>	<i>1211 Sunset Dr</i>
<i>Madison, Peter</i>	<i>1205 Sunset Dr</i>
<i>Gatrell Equipment corp.</i>	<i>1204 Sunset Dr</i>

- CA SLIC – SLIC Region comes from the California Regional Water Quality Control Board

<i>Pacific Gas and Electric Company</i>	<i>Oakley Rd & Phillips Ln</i>
<i>Imperial West Chem Co</i>	<i>1701 Wilbur Ave</i>
<i>Chevron Texaco, Hickson Kerley</i>	<i>HWY 4</i>
<i>Pioneer Americas, Antioch Plan</i>	<i>2151 Wilbur Ave</i>
<i>GWF Power Plant- Antioch</i>	<i>1900 Wilbur Ave</i>

- UST – The Underground Storage Tank database contains registered USTs.

<i>Redding Petroleum Inc</i>	<i>2800 E 18th St</i>
<i>Hillcrest Shell</i>	<i>2701 Hillcrest Ave</i>
<i>Chevron USA #200474</i>	<i>3400 Hillcrest Ave</i>
<i>Spee Dee Oil Change and Tune-up</i>	<i>3412 Hillcrest Ave</i>
<i>Valero #7-138</i>	<i>2700 Hillcrest Ave</i>
<i>PG&E Antioch Service Center</i>	<i>2111 Hillcrest Ave</i>

- HIST UST – Historical UST Registered Database

<i>William G. Mccullough Co.</i>	<i>Victory Hiway / Willo</i>
<i>Holy Cross Cemetery</i>	<i>2200 E 18th St</i>
<i>Antioch Service Center</i>	<i>2111 Hillcrest Ave</i>
<i>Golden Gate Moving & Storage</i>	<i>1211 Sunset Dr</i>
<i>Antioch Field Office</i>	<i>Neroly Road / Highway 4</i>
<i>Gas Machine</i>	<i>Hwy 4 8 Bridgehead Rd.</i>

- SL – Lists includes sites from the Underground Tank Program, Hazardous Waste Generator Program & Business Plan 12185 Program

<i>Metallics Refining Inc</i>	<i>Willow Ave Extension</i>
<i>Hickson Kerley Inc</i>	<i>Willow Ave / Sp Rr Tr</i>
<i>Oak View Memorial Park</i>	<i>2500 18th St E</i>
<i>Wayne E Swisher Cement Contrac</i>	<i>2620 18th St E</i>
<i>William G Mccullough Co</i>	<i>2625 18th St E</i>
<i>Construction Drilling Equipment</i>	<i>2770 18th St E</i>
<i>Holy Cross Cemetery</i>	<i>2200 E 018th St</i>
<i>Redding Petroleum Inc</i>	<i>2800 E 18th St</i>
<i>Mobile Vehicle Maintenance</i>	<i>2800 18th St E</i>
<i>Enviroclean Inc</i>	<i>2820 18th St</i>
<i>Sun Chemical</i>	<i>1781 Vineyard Dr #100</i>
<i>Evangelho Residence</i>	<i>1840 18th St E</i>
<i>City Of Antioch</i>	<i>3100 18th St E</i>
<i>Peckham Property</i>	<i>3215 18th St E</i>
<i>Stroer And Gaff Inc</i>	<i>1830 Phillips</i>
<i>B J's Tow</i>	<i>3235 18th St E</i>
<i>Arrow Head Towing, Inc</i>	<i>3245 18th St E</i>
<i>Fuhrer Paint Werkz</i>	<i>3257 18th St E</i>
<i>A & S Transmission</i>	<i>3261 18th St E</i>
<i>A-1 Tune & Repair</i>	<i>3275 18th St E</i>
<i>Rick's Automotive Center</i>	<i>3277 E 18th St</i>
<i>D & K Automotive</i>	<i>3291 18th St E</i>
<i>Advanced Body & Frame</i>	<i>3295 18th St E</i>
<i>California Organics Inc</i>	<i>3305 18th St E</i>
<i>Oil Can Henrys</i>	<i>2749 Hillcrest Ave</i>
<i>Hillcrest Shell</i>	<i>2701 Hillcrest Ave</i>
<i>Chevron Station #200474</i>	<i>3400 Hillcrest Ave</i>
<i>Valvoline Express Care</i>	<i>3412 Hillcrest Ave</i>
<i>Exxon 7-5138</i>	<i>2700 Hillcrest Ave</i>
<i>Roesbery Car Care</i>	<i>2700 Hillcrest Ave 1/2</i>
<i>Bay Automotive</i>	<i>3420 E 18th</i>
<i>Concord Pool Center</i>	<i>4210 McClure Ct</i>
<i>Antioch Service Center</i>	<i>2111 Hillcrest Ave</i>
<i>Antioch Svc Ctr</i>	<i>2111 Hillcrest Ave</i>
<i>Safeway #1259</i>	<i>3365 Deer Valley Rd</i>
<i>Alpine Business Machines</i>	<i>1215 Sunset Dr</i>
<i>Golden Gate Moving & Storage</i>	<i>1211 Sunset Dr</i>
<i>Madison, Peter</i>	<i>1205 Sunset Dr</i>
<i>Gatrell Equipment Corp</i>	<i>1204 Sunset Dr</i>
<i>Walgreens #4724</i>	<i>3416 Deer Valley Rd</i>

<i>Construction Engineering Svcs</i>	<i>1671 Vineyard Dr</i>
<i>Intertek Testing Services</i>	<i>2200 Wymore Way</i>
<i>Drill Tech Drilling & Shoring,</i>	<i>2200 Wymore Way</i>
<i>Poole's Trucking</i>	<i>Hwy 4 - E Neroly Rd</i>
<i>Chevrontexaco, Hickson Kerley,</i>	<i>Hwy 4</i>

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

<i>Swisher Cement Contractor Inc</i>	<i>2620 E 18th St</i>
<i>Wm G Mccullough Co.</i>	<i>2625 E 18th St</i>
<i>Holy Cross Cemetery</i>	<i>2200 E 018th St</i>
<i>Industrial Oil Company</i>	<i>2800 E 18th St</i>
<i>Chevron Station #200474</i>	<i>3400 Hillcrest Ave</i>
<i>Exxon 7-5138</i>	<i>2700 Hillcrest Ave</i>
<i>Pg&E Antioch Service Center</i>	<i>2111 Hillcrest Ave</i>
<i>Golden Gate Moving & Storage</i>	<i>1211 Sunset Dr</i>
<i>Gatrell Equipment Corp</i>	<i>1204 Sunset Dr</i>

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

<i>Almond Orchard</i>	<i>2101 E. 18th Street</i>
<i>East Mill</i>	<i>2603 Wilbur Avenue</i>
<i>Industrial Lot With Railroad S</i>	<i>2600 Wilbur Avenue</i>
<i>West Mill</i>	<i>2301 Wilbur Avenue</i>

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

<i>Not reported</i>	<i>2451 Willow Ave</i>
<i>Not Reported</i>	<i>3899 Oakley Rd</i>
<i>Not Reported</i>	<i>2415 E. 18th St</i>
<i>Not Reported</i>	<i>1966 Vine Lane</i>
<i>Not Reported</i>	<i>1588 Vierra Avenue</i>
<i>Not Reported</i>	<i>1588 Viera Ave</i>
<i>Not Reported</i>	<i>1588 Viera Ave</i>

- 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

<i>Hickson Corp</i>	<i>2520 Oakley Rd</i>
<i>Swisher Cement Contractor Inc</i>	<i>2620 E 18th</i>
<i>Wm G Mccullough Co.</i>	<i>2625 E 18th St</i>
<i>Industrial Oil Company</i>	<i>2800 E 18th St</i>
<i>Lp's Truck Repair</i>	<i>2800 East 18th St</i>
<i>Cornerstone Christian Center</i>	<i>1745 E 18th Street</i>
<i>Construction Engineer Services</i>	<i>1671 Vinyard Dr</i>

- Emissions Inventory Data – Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

<i>Oak View Memorial Park</i>	<i>2500 E 18th Street</i>
<i>Sun Chemical</i>	<i>1781 Vineyard Dr, Suite</i>
<i>Pacific Gas & Electric Company</i>	<i>Oakley Rd & Phillips Ln</i>

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

<i>Almond Orchard</i>	<i>2101 E. 18th Street</i>
<i>Oakley Road Metering Site</i>	<i>Oakley Rd. / Phillips</i>
<i>Recreational Tract</i>	<i>1030 Apollo Court</i>
<i>Agricultural Tract</i>	<i>1030 Apollo Court</i>
<i>East Mill</i>	<i>2603 Wilbur Avenue</i>
<i>Industrial Lot With Railroad S</i>	<i>2600 Wilbur Avenue</i>
<i>West Mill</i>	<i>2301 Wilbur Avenue</i>
<i>Dupont De Nemours & Co Inc</i>	<i>6000 Bridgehead Road</i>
<i>New Oakley Rd Es</i>	<i>Live Oak Ave/Oakley Rd</i>

Based on the distances to the identified database sites, regional topographic gradient, and the EDR findings, it is unlikely that the above-stated database sites pose an environmental risk to the Property. Properties that are on the “Orphan Summary” list appear to be located beyond the ASTM recommended radius search criteria.

2.4 Site - Specific File Reviews

Regulatory material on file with the Contra Costa County Health Services Department (CCHS) and the Central Valley Regional Water Quality Control Board (CVRWQCB) was reviewed for the following facilities:

- *Hickson - Kerley Incorporated (FKP)*
- *ChevronTexaco Old Valley Pipeline*
- *Metallics Refining Inc/PDQ Products*
- *PG&E Meter Station*

Hickson - Kerley Incorporated (Former FKP) 3951 Willow Avenue

The FKP site encompasses 153 acres of mostly undeveloped land. The FKP site has previously been divided into two major areas: the 7-acre former process area (i.e., the former main plant area consisting of the former Zinkite manufacturing area and the former main fertilizer plant area) and the non-process area (the remaining 146 acres) comprising all other portions of the site (Figure 4 and 6).

Historically, the 7-acre former process area was used as a fertilizer manufacturing plant from the 1960s to 1995. The former process area consisted of two operations: the Zinkite Operation and the Plant Operation.

Products such as ferrous ammonium sulfate, granular zinc sulfate, granular zinc sulfide, and iron sulfate were manufactured at the Zinkite Operation area and sold as fertilizer between 1962 and 1978. The raw materials used to produce these products were: iron, sulfuric acid, sulfur, manganese, copper, lead, precipitate dust of zinc oxide, and precipitate dust of lead oxide. The Zinkite operations were conducted in the western portion of the former process area.

The Plant, which was built sometime between 1957 and 1969, manufactured three basic products: ammonium polysulfide solution, ammonium thiosulfate solution, and photo-grade ammonium thiosulfate solution. The Plant operations were conducted in the eastern portion of the former process area. The raw materials used to produce the fertilizer products included: ammonium sulfide, elemental sulfur, caustic soda, and anhydrous ammonia. The facility also maintained a former pond located north of the former process area. This pond received storm water runoff from the former process area during the operation of the fertilizer manufacturing plant. The approximate location of the pond is shown on Figure 2.

The fertilizer manufacturing plant discontinued its operations in 1995. The buildings were later demolished and the tanks and piping removed in 1996 by Decon Environmental Services, Inc. After completion of plant demolition activities, extensive site characterization, interim soil remediation activities, and groundwater investigation activities were conducted at the site by Dames & Moore on behalf of Former Kerley Properties, Inc. under the oversight of the Contra Costa County Health Services Department (CCHS) and the RWQCB between 1996 and 1999. A summary list of these activities is presented below:

- 1996 - Prior to initiation of site characterization activities, Decon Environmental Services, Inc., conducted plant demolition activities under the supervision and to the satisfaction of the CCHS. As part of these facility closure activities, large volumes of soil were excavated by Decon Environmental Services, Inc., in the former process area of the site.
- 1997 - As part of site characterization activities, Dames & Moore collected soil and grab groundwater samples and installed groundwater-monitoring wells from the site. Dames & Moore also performed a Screening Level Risk Assessment (SLRA) to develop Risk Based Screening Levels (RBSLs) for site specific chemical constituents and prepared a Remedial Action Plan (RAP) to remove soils impacted with chemical constituents above the residential RBSLs.
- 1998 - Dames & Moore performed soil remediation activities between July and December 1998 to remove soils impacted with lead, zinc, manganese, and nitrates above residential RBSLs in accordance with the above plan and with approval from the CCHS.

During the remedial activities described above, a refuse area (approximately half-acre in size) was discovered in the southeastern corner of the former process area. Dames & Moore then prepared an addendum to the RAP to close the refuse area. Remedial activities to close the refuse area in accordance with Title 27 regulations and residential RBSLs were performed between November 3, 1998 and December 12, 1998.

After completion of the soil remediation activities, Dames & Moore submitted to the CCHS and the RWQCB, a Closure Report documenting remedial activities in non-refuse areas of the site and a Closure Report Addendum documenting remedial activities in the refuse area.

- 1999 - The CCHS, the lead agency for the above activities approved the closure reports and provided FKP, Inc. with a site closure letter, dated April 19, 1999 indicating that site characterization and remedial activities have been completed to address human and ecological risk concerns. However, the RWQCB, in their letter dated March 24, 1999, indicated that additional investigation was required to further address the groundwater conditions beneath the site consistent with the RWQCB's regulations.

Per the requirements of the RWQCB, Dames & Moore performed groundwater investigation activities at the site in June and July 1999. Dames & Moore drilled six shallow soil borings to depths ranging between 15 feet and 34 feet below ground surface (bgs) and collected soil samples from these borings. Dames & Moore also drilled two soil borings to greater depths to evaluate the deeper lithologic profile beneath the site. Six groundwater monitoring wells (DMW99-7, DMW99-8A, DMW99-9 through DMW99-12) were installed to further evaluate the lateral distribution of site-specific chemical constituents in shallow groundwater beneath the site.

In December 1999, the RWQCB identified the need for installation of two additional groundwater monitoring wells to verify the lateral extent of sulfates in shallow groundwater and one groundwater monitoring well to verify the quality of groundwater migrating from upgradient locations.

- 2000 - To meet the December 1999 requirements, Dames & Moore installed three groundwater monitoring wells (DMWOO-13, DMWOO-14, and DMWOO-15). In addition to the installation of these groundwater monitoring wells, one extraction well (EW-1A) was installed in close proximity of existing groundwater monitoring well DMW97-5. The system was later expanded to include six total extraction wells, EW-1A and EW-2 through EW-6. The wells currently discharge directly to the Delta Diablo Sanitation District under Special Discharge Permit SDP-0606-778.
- 2000 - Present: Groundwater monitoring and extraction continues to date. The average extraction rate has varied from 3 gallons per minute (gpm) to approximately 11 gpm. The extraction system has been shown to be effective in the mass reduction of ammonia, sulfates, nitrates and manganese. FKP, Inc. requested discontinuance of the Groundwater Monitoring and Reporting Program in March 2005; however, the RWQCB has required continued annual monitoring and groundwater extraction.

ChevronTexaco Old Valley Pipeline (OVP) - Willow Road

Six active or former petroleum pipelines are located within the railroad right-of-way extending east to west near the southern Property boundary (Figure 4). One of these pipelines include ChevronTexaco's predecessor pipeline that transported heavy petroleum (crude oil and Bunker C fuel oil) more commonly referred to as the Oil Valley Pipeline (OVP). As detailed above, multiple investigations have been performed at the Hickson-Kerley Chemical Company to assess the extent of soil and groundwater affected by agricultural chemicals associated with manufacturing and/or packaging processes conducted at the facility. These investigations reveal the presence of petroleum-based products in soil and groundwater attributable to releases from the pipelines (Figure 5). The following information is based on a review of previous environmental investigation reports available at the the Fresno Branch office of the Central Valley Regional Water Quality Control Board (Board) conducted at and in the vicinity of FKP, Inc., which are associated with petroleum leakage from the former OVP.

- After excavation in 1995 of a former rail car known to contain ammonium sulfide sludge, the Contra Costa County Health Services Division (CCHS) requested that three groundwater-monitoring wells be installed to assess the potential release of chemicals in the vicinity of the former rail car. During the installation of the well borings (MW-L MW-2 and MW-3), petroleum-affected soil was encountered and free-phase oil product was observed in two of the three completed monitoring wells.
- In July 1997, six soil borings (RR-SS 1 through RR-SS6) were advanced by Dames & Moore in the vicinity of the former buried rail car. Soil samples were collected from the borings and grab groundwater samples were collected from borings RR-SS3 and RR-SS6. Low concentrations of total petroleum hydrocarbons quantified as diesel (TPH-d) were detected in soil samples from RR-SS4, RR-SS5, and RR-SS6. TPH-d, benzene, and xylenes were detected in the grab groundwater sample collected from RR-SS6.
- In 1999, Dames & Moore installed monitoring wells DMW99-7 and DMW99-I 2 as part of a EIR-level environmental assessment of the area to generally assess the potential for contamination of soil and groundwater, including medias affected by the release of agricultural chemicals at the FKP site.
- In October 1999, Geomatrix Consultants (Geomatrix) advanced seven soil borings (GMX-1 through GMX-7) to evaluate the lateral and vertical extent of petroleum affected soil. No TPH-d, benzene, toluene, ethylbenzene, xylenes (BTEX), or polynuclear aromatic hydrocarbons (PAHs) were detected in the soil samples. TPH-d (450 micrograms per liter [ug/L]), xylenes, and phenanthrene were detected in the grab groundwater sample collected from GMX-6.

- In November and December 2001, Geomatrix advanced borings GMX-8 through GMX-16 to further evaluate soil and groundwater at the FKP site. A soil sample collected at a depth of 85.5 feet below ground surface (bgs) from GMX-8 contained concentrations of total petroleum hydrocarbons quantified as crude oil (TPH-c) at 500 milligrams per kilogram (mg/kg). Concentrations of TPH-c were also detected in the 30.5-foot sample from boring GMX-14 at a concentration of 7,500 mg/kg. Grab groundwater samples collected from borings GMX-11 and GMX-12 contained detectable TPH-d at concentrations of 1,400 and 260 µg/L, respectively.
- In July 2002, Geomatrix advanced borings GMX-18 through GMX-28 to further characterize the extent of petroleum-affected soil and groundwater at the subject site. Elevated concentrations of TPH-c were detected in soil samples submitted from GMX-19 (10,000 mg/kg), GMX-20 (640 mg/kg), GMX-21 (2,300 mg/kg), GMX-24 (730 mg/kg), and GMX-26 (13,000 mg/kg). Concentrations of TPH-d were also detected in grab groundwater samples collected from GMX-20 (650 µg/L) and GMX-24 (530 µg/L). In July 2002, DMW99-7 was sampled for dissolved petroleum constituents. A low level of total petroleum hydrocarbons quantified as diesel (TPH-d) was detected at a concentration of 59 µg/L.
- In March and April 2003, Geomatrix advanced eight soil borings (GMX-29 through GMX-36) to characterize the extent of petroleum-affected soil and groundwater north of the former processing area, west of the former processing area, and east of the drainage bisecting the property. Concentrations of TPH-c were detected in four of the eight soil samples analyzed at concentrations ranging from 1,100 to 15,000 mg/kg. Two grab groundwater samples were collected from soil borings GMX-30 and GMX-31. TPH-d concentrations were detected in both samples at 93 and 440 µg/L, respectively.
- In November 2003, Science Applications International Corporation (SAIC) advanced 17 soil borings (SB-1 through SB-17) at the FKP site to evaluate the extent of petroleum-affected soil and groundwater. Concentrations of TPH-c were not detected above the laboratory reporting limit in six of the 15 soil samples analyzed (SB-2-28.5, SB-11-29, SB-12-29.5, and SB-14-28.5, SB-15-29, SB-16-30). Additionally, concentrations of TPH-c greater than 100 mg/kg were not reported in five of the 15 soil samples (SB-5-40, SB-7-16.5, SB-8-25, SB-10-50, and SB-13-45.5). Detectable concentrations of TPH-c ranged from 12 mg/kg in soil sample SB-10-50 to 5,600 mg/kg in SB-9-35. In general, the highest concentrations of TPH-c were detected in deeper soil samples from borings advanced east of the drainage that bisects the FKP site. Elevated concentrations of TPH-c were detected in borings SB-3-31.5 (820 mg/kg), SB-4-45 (5,000 mg/kg), SB-9-35 (5,600 mg/kg), and SB-17-5 t 140 mg/kg).

Benzene, toluene, ethylbenzene and xylene (BTEX) compounds were generally only detected at trace concentrations in soil. Benzene was not reported at or above the laboratory detection limit in any of the 15 soil samples submitted for analyses. Toluene, was not detected in 13 of the 15 soil borings. Toluene was detected in samples SB-5-40 at 0.01 mg/kg and SB-9-35 at 0.1 mg/kg. Ethylbenzene was not detected in 10 of the 15 soil borings. Concentrations of ethylbenzene ranged from 0.03 mg/kg in SB-5-40 to 0.3 mg/kg in SB-9-35. Total xylenes were not detected in eight of the 15 soil borings. Concentrations of total xylenes ranged from 0.03 mg/kg in SB-17-39 to 2.6 mg/kg in SB-9-35.

Soil samples collected from borings SB-2, SB-11, SB-12, SB-14, and SB-15 did not contain detectable PAHs. However, detectable concentrations of PAHs were reported in 10 of the 15 soil samples. Phenanthrene was the most frequently reported PAH, detected in 10 of the 15 soil samples submitted for analyses. Reported concentrations of phenanthrene ranged from 0.0004 mg/kg in SB-1 0-50 to 3.2 mg/kg in SB-4-45. Benzo(a)pyrene was detected in seven of the 15 soil samples analyzed. Reported concentrations of benzo(a)pyrene ranged from 0.0004 mg/kg in SB-10-50 to 0.078 mg/kg SB-4-45. Dibenzo(a,h)anthracene was detected in one of the 15 soil samples analyzed: SB-13-45.5 at a concentration of 0.003 mg/kg.

Concentrations of BTEX compounds were not detected at or above the laboratory reporting limits in the grab groundwater samples. Concentrations of TPH-d were not reported above the laboratory detection limit in three of the five grab groundwater samples analyzed. TP1-Id were detected in two samples, SB-2 and SB-14, at concentrations of 390 µg/L, and 150 µg/L (following silica gel cleanup preparation), respectively.

PAHs were not detected at or above the laboratory reporting limits in four of the five groundwater samples analyzed. PAHs reported in water sample SB-2-GW included the following: fluoranthene (0.1 µg/L), fluorene (0.5 µg/L), naphthalene (1.4 µg/L), and phenanthrene (0.4 µg/L).

- At the specific request of the RWQCB, SAIC monitored and sampled five groundwater monitoring wells (DMV97-3 through DMW97-6 and DMW99-12) and two on-site water supply wells (WW-01 and WW-02) to evaluate water quality beneath the site. Wells DMW97-3 through DMW97-6 and DMW99-12 are monitored and sampled by FKP, Inc. as part of the on-going environmental investigation associated with the FKP site.

Concentrations of petroleum constituents were not detected in groundwater samples collected from DMW97-3 and DMW97-4. However, TPH-d was detected from groundwater monitoring wells DMW97-5, DMW97-6 and DMW99-12 at concentrations of 110, 290 and 140 µg/L, respectively. Following a silica gel cleanup preparation, TPH-d concentrations were reduced to concentrations below water quality objectives (WQOs). Other petroleum constituents were not detected in these groundwater samples.

Concentrations of petroleum constituents and PAHs were not detected in water supply well WW-01 and WW-02 with the exception of the sample from well WW-02 which contained 52 µg/L of TPH as gasoline (TPH-g) and 34 µg/L of total xylenes.

An additional grab groundwater sample was collected from boring SB-17, following an observation of free-phase product in the groundwater. The grab groundwater sample was submitted to ChevronTexaco Energy Research and Technology Company (CTERTC) for fuel fingerprinting. The fuel fingerprint results showed a prominent biomarker of San Joaquin Valley crude.

- On May 26, 2004, SAIC sampled wells MW-1 through MW-3. Free-phase product thickness in well MW-1 was measured to be approximately 3.12 feet and a sheen was noted in well MW-2. The groundwater sample (MW-3) did not contain detectable concentrations of petroleum hydrocarbons in the gasoline or diesel range, nor were BTEX compounds detected. Several PAHs were detected in MW-3 at concentrations near the detection limits. Approximately one-half gallon of free-phase product was extracted from wells MW-1 and MW-2 by Sturgeon & Sons, Inc. of Richmond, California. To date, approximately 3 gallons of free-phase product have been extracted from wells at the site. Groundwater monitoring continues to date in association with the OVP release assessment.
- SAIC has prepared a Workplan (August 3, 2006) for additional soil and groundwater sampling focused primarily on confirming the estimated lateral extent of the petroleum impacted soil to the west, east and south of the FKP site. The investigation includes eight borings, most of which are located at the east end of the site and north of another facility located south of the FKP site. Unless a separate release has occurred on the OVP west of the FKP site, it appears the western and northern lateral extents of the oil release plume are characterized on the west and north sides.

Based on the analytical data collected at the FKP site, it appears that heavy oil releases from the OVP have occurred at the approximate location of SAIC boring SB-17 on the south side of the railroad right-of-way located south of the FKP site (Figure 5). This is in close proximity to a tributary of Antioch Creek that bisects the FKP site from south to north. Soft sediment in the vicinity of the creek may have contributed to settlement of the OVP resulting in pipeline stress and leaks. Petroleum impact from the OVP release includes primarily soil at depths generally below the elevation range of 40 to 15 feet above mean sea level (generally greater than 20 feet over most of the site except near the presumed source area in the southern portion of the FKP site). BTEX compounds and PAHs were detected at relatively low concentrations. Based on conversations with the SAIC Project Manager, it is believed there may be another source area associate with the noted impacts at depth. We understand subsurface investigations are planned at the PDQ Products property (APN 052-052-002), located south of the noted soil and groundwater impacts. The PDQ parcel was operated pre-1970 is a petroleum pump station (Newlove Pumping Station).

Risk assessments, feasibility studies and remedial action plans have not been developed for the FKP site. However, it does appear that, due to the low-volatility of the petroleum products released from the OVP (e.g., unrefined product) and the general lack of exposure pathways (e.g., major soil impacts are at depth), human health risks are low.

Metallics Refining Inc/PDQ Products Willow Road

The facility has been in operation for approximately 20 years. The primary operation at the site involves the processing/packaging of aluminum, aluminum oxide and zinc for resale. According to CCHS records and conversations with the PDQ Products Supervisor, Mauricio Baltrons, the processing/packaging operation does not involve hazardous materials. Review of CCHS facility inspection reports dated back to 1999 found minor infractions associated with emergency plan preparation and training. Hazardous materials listed in the facility inventory include compressed welding gasses, one above ground 500 gallon diesel storage tank and minor used motor oil.

No references to soil or groundwater impacts were noted in the CCHS file. No references to land use prior to Metallics Refining/PDQ Products were noted in the file.

PG&E Meter Station Oakley Road

The former Metering Station is located along the south side of Oakley Road at Phillips Lane (APN 052-051-007 - Figure 4 and 7). This parcel is not included as part of the subject Property. PG&E used the site during the 1970s as a metering station for natural gas being transported by pipeline to nearby gas processing facilities. Natural gas condensate, consisting of water and petroleum hydrocarbons, was processed at the site. The following chronology presents a summary of information related to the PG&E Metering Site.

- 1991 - In August 1991, three groundwater-monitoring wells, MW-1, MW-2, and MW-3, were installed onsite. Laboratory analysis detected petroleum hydrocarbons (reported as TPHg/BTEX and TPHd) in the soil samples collected from below a depth of 23 to the total depths of the borings of up to 83 feet. Analysis of the groundwater sample collected from MW-3 detected dissolved-phase petroleum hydrocarbons quantified as primarily in the kerosene range.

In October 1991, domestic water wells on neighboring properties were initially sampled with no dissolved-phase petroleum hydrocarbons detected above reported detection limits. Polychlorinated biphenyls (PCBs) were detected in a separate-phase sample collected from MW-2 in October 1991.

- 1992 - In November 1992, 41 borings were drilled and sampled at the site to depths ranging from 38 to 85 feet to assess stratigraphy. Grab groundwater samples collected from each boring were also analyzed. The results of this sampling activity were used to determine the locations of additional monitoring wells. In December 1992, monitoring wells MW-4 through MW-7 were installed based on the results of the November 1992 field activities.
- 1993 - In January 1993, monitoring well MW-8 was installed using a mud rotary drilling rig to a depth of 152 feet to investigate groundwater quality in a second water-bearing zone at the site. Thirteen additional wells were installed March - April 1993.

Separate-phase hydrocarbon removal was initiated in August 1993 in selected wells using an in-well product removal system, passive product recover devices, and manual bailing. By September 1994, approximately 900 gallons of separate-phase hydrocarbons had been recovered from Monitoring Wells MW- I , NIV\MW-3, and MW-18.

- 1991 - 1994: Groundwater monitoring well sampling was conducted on a quarterly basis. Domestic wells in the vicinity of the site were analyzed on a quarterly basis from October 1991 to August 1994. No analytes were reported above the detection limits for the domestic wells.
- 1994 - Soil vapor extraction (SVE) wells EW-1 through EW-4 were installed onsite for SVE pilot testing. The screened intervals of the SVE wells were installed at varying intervals to address specific geologic units.
- 1995 - A health-based risk assessment was performed, which included modeling of capture zone and fate and transport of contaminants in the vadose zone and in groundwater. Estimates for volume of petroleum hydrocarbons in soil and groundwater in dissolved and separate phases were calculated.

A feasibility study was conducted to evaluate remedial methods considering seven alternatives. The alternatives were evaluated for the following criteria: technical effectiveness, ability to meet remedial objectives, regulatory acceptance, community acceptance, implementability, and cost. The recommended alternative was product recovery and soil vapor extraction with thermal oxidizer treatment of vapors.

- 1996 - 1997: Three additional groundwater monitoring wells, MW-22, MW-23 and-24 were installed offsite to assess the extent of dissolved- and separate-phase hydrocarbons in groundwater. Additionally, Air Sparging Point SP-1 was installed onsite for use in an air sparging test.

In June 1997, an interim remediation system was installed at the site to address the dissolved- and separate-phase hydrocarbons in the shallow water-bearing zone and methane observed in the soil vapor. The interim remediation system consists of two parts: 1) a groundwater extraction/treatment system (GTS) and 2) a soil vapor extraction system (VES). Operation of

the GTS began on July 1, 1997. Four recovery wells (MW-1, MW-2, MW-3 and MW-6) were connected to the GTS, which consisted of two particulate cartridge filters, a coalescing filter, and two 1,000-pound liquid-phase activated carbon vessels.

The VES consists of four vapor extraction wells (EW-1 through EW-4), a regenerative blower, and two bioreactors. Testing on the removal efficiency of the bioreactors started in July 1997. After the startup testing of the bioreactors, the VES began operation on December 10, 1997.

- 2000 to Present: The VES was shut down in October due to a damaged blower. A new replacement blower was purchased and installed in February 2001. Review of the Quarter 28/Annual 2006 monitoring report shows limited residual groundwater impacts within the area of the former metering station

Groundwater samples have been collected from the monitoring wells on a quarterly basis since 1994 and reports are prepared for each sampling event for submittal to the Contra Costa Environmental Health Division and the California Regional Water Quality Control Board, Central Valley Region. Reports documenting the performance for the interim remediation system have also been prepared quarterly for submittal to the appropriate agencies.

3.0 SITE RECONNAISSANCE

3.1 Methodology

ENGEO conducted a reconnaissance of the Property on July 27, 2007. The Property was viewed for hazardous materials storage superficial staining or discoloration, debris, stressed vegetation, or other conditions that may be indicative of potential sources of soil or groundwater contamination. The Property was also reviewed for evidence of fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks. Photographs taken during the reconnaissance are presented in Appendix B.

3.2 General Site Setting

The majority of the Property is undeveloped open space. Antioch Creek drains through the western area of the Property (APN 052-051-013, 034 and 035 - Figures 2 and 4). A pond exists along the Antioch Creek drainage on APN 052-051-013 (Figure 4). Current site development is limited to the following parcels:

<i>052-051-021</i>	<i>Single-Family Residence</i>
<i>052-051-034</i>	<i>PES Towing Office Building/Remnant office/house foundation</i>
<i>052-051-013</i>	<i>FKP, Inc. Groundwater Treatment Compound</i>
<i>052-052-006</i>	<i>Open Barn Building</i>
<i>052-052-002</i>	<i>Three large commercial buildings, domestic supply well, septic system</i>
<i>052-030-013</i>	<i>Dilapidated single-story house, wood shed, corrugated metal barn</i>

In addition, there are numerous groundwater monitoring wells located in the western area of the Property. Several water supply wells are also located on the Property. It is likely remnant septic systems are located on APNs 052-051-012, 013, 034 and APN 052-030-013.

Hazardous Substances and Petroleum Products in Connection with Identified Uses.

APN 052-052-002 - PDQ Products

- One \pm 500 gallon above ground diesel storage tank (Convault) situated on a concrete slab
- One \pm 200 gallon rusted and damaged tank resting on the open ground east of the concrete pavement in the eastern portion of the parcel. The contents of the tank are unknown.

APN 052-051-034 PES Towing

- Seven automotive batteries staged in the hallway of the office building for charging.
- Numerous automotive products stored in a room in the office building, including WD-40, Fix-A-Flat, Armor All and car wax.

APN 052-051-034 Contractor's Yard (North)

- Numerous automotive, adhesives, wood preservative and paint products in various sized containers stored in several cargo containers.
- Not all cargo containers were accessible at the time of our reconnaissance.

APN 052-051-034 Contractor's Yard (East)

- Six 5-gallon drums of concrete curing, concrete form release and unknown products sitting within five galvanized metal containment troughs.
- One 5-gallon drum of unknown product sitting within a galvanized metal containment trough.
- Four 5-gallon drums of petroleum, paint and unknown products sitting within a wooden crate.
- Three automotive batteries sitting within a galvanized metal containment trough.

APN 051-030-021 Contractor's Yard

- One plastic \pm 100 gallon container of apparent motor oil.
- One plastic \pm 100 gallon container of concrete curing compound.
- One rusted 55-gallon container of concrete form release agent.
- One rusted 55-gallon container of primer/sealer.
- Various 5-gallon drums of petroleum and paint products.

APN 052-030-013

- Five automotive batteries resting on soil.

Storage Tanks. One ±500 gallon above ground diesel storage tank exists at the PDQ Products site. Several empty tanks and tank trailer units were observed at the PDQ parcel.

Odors. No discernable odors were evident at the Property at the time of the reconnaissance.

Pools of Potentially Hazardous Liquid. No pools of potentially hazardous liquid were observed at the Property at the time of the reconnaissance

Drums. Numerous 55-gallon drums are stored at the three Contractor's Yards on the Property. Several petroleum drums are stored at the PDQ Products site.

Polychlorinated Biphenyls (PCBs). One pad-mounted transformer was observed at the PDQ Products site. No obvious leaks of the unit were noted.

Pits, Ponds and Lagoons. The northern area of APN 052-051-035 is a former sand pit/quarry. No defined depression remains on the parcel. A pond exists along Antioch Creek just south of the house on APN 052-051-012. Several former man-made ponds existed on APN 051-051-034 which were developed for the FKP, Inc. facility. These ponds have since been removed.

Stained Soil/Pavement. Several areas of petroleum stained soil and/or pavement were noted at the time of the reconnaissance. Some areas of stained pavement were noted at the PDQ site. Stained soil was noted in the PES Towing yard and Contractor's Yard east of the PES site.

Stressed Vegetation. No significant areas of stressed vegetation were observed during the Property visit.

Solid Waste/Debris Several areas of "midnight dumping" were noted on parcels 051-170-003, 051-170-004, 051-170-052 and 051-170-054, and 051-170-052, 051-170-051 and 051-170-035. This material was found to consist of household trash, appliances and some furniture. No obvious hazardous material disposal was noted. Several soil stockpiles are observed on APN 052-051-034, 052-051-035 and 052-030-013 parcels.

Wastewater. No wastewater conveyance was observed on the Property. A groundwater treatment system is in place on APN 052-051-013, which collects groundwater from several wells at the former FKP site for disposal to the sanitary sewer.

Wells. As many as 40 monitoring wells are in place in several areas of the Property, which were installed to address the PG&E Metering Station, FKP, Inc. and the ChevronTexaco OVP. The specific number of active/inactive water supply wells on the Property was not determined; however, there are believed to be at least five wells on the Property at this time.

Septic Systems. An active septic system is located at the PDQ Products site. We expect additional remnant septic systems may be present on parcels. It is likely that remnant septic systems are located on parcels 052-051-012, 052-051-013, 052-051-034, and APN 052-030-013.

3.3 Interior Observations

PES Towing Office Building (052-051-034)

The office building consisted of several rooms dedicated either to office functions or storage. Two storage rooms contained various automotive products, parts and general utility equipment. Seven automotive batteries were staged in the hallway of the office building for charging.

PDQ – Three large commercial buildings (052-052-002)

The commercial complex maintained by PDQ includes three metal buildings. The western building is used for storage and casting product finishing. The middle building houses various supplies, an office, a storage room, casting raw material (scrap aluminum), casting products and melting furnace. The building at the eastern property boundary is not currently used in casting operations.

3.4 Asbestos-Containing Materials and Lead-Based Paint

An asbestos and lead-based paint survey was not conducted as part of this assessment. Given the age of the existing structures, it is conceivable that asbestos-containing materials and lead-based paint materials may exist within the structures.

3.5 Indoor Air Quality

An evaluation of indoor air quality, mold, or radon was not included as part of the contracted scope of services. The California Department of Health Services has conducted studies of radon risks throughout the state, sorted by zip code. Results of the studies indicate that six tests were conducted within the Property zip code, with no tests exceeding the current EPA action level of 4 picocuries per liter [pCi/L]¹).

¹ California Department of Health Services – Division of Drinking Water and Environmental Management – Radon (<http://www.dhs.ca.gov/ps/ddwem/environmental/radon/PDFs/California%20Radon%20Data%20base.pdf>).

4.0 INTERVIEWS

Mr. Charles Wall representing Brosamer & Wall, LLC., completed the “Client” and “Key Site Manager” environmental site assessment questionnaires pertaining to user-related applicable environmental information regarding the Property. In the questionnaires, Mr. Wall did not identify potential environmentally related issues with the Property, other than the known conditions associated with the former FKP facility, the Chevron/Texaco release, and the PG&E Metering Station. Mr. Wall was unaware of any existing environmental deed restrictions associated with the Property. The questionnaires are presented in its entirety in Appendix G.

5.0 FINDINGS

The reconnaissance and records research identified documentation and physical evidence of soil or groundwater impairments associated with the current or past use of the Property. A review of regulatory databases maintained by county, state and federal agencies found documentation of hazardous materials violations and discharge on the Property. No documented soil or groundwater contamination associated with abutting properties was found from the records research.

Based on the findings of this assessment, the Recognized Environmental Conditions (RECs) are as follows:

Former Hickson - Kerley Property (FKP)

Seven acres located within the southwestern area of APN 052-051-034 were previously operated as an agricultural chemical facility. A variety of nitrogen and sulfur based products were manufactured at this plant between 1962 and 1992. Between 1996 and 1999 site closure activities were undertaken, including soil remediation, under the jurisdiction of the Contra Costa Health Services Department (CCHS). Groundwater has been impacted with constituents including sulfates, ammonia and manganese. Groundwater monitoring and cleanup activities are under the oversight and jurisdiction of the Central Valley Regional Water Quality Control Board (CVRWQCB). Six groundwater extraction wells were utilized to facilitate remediation of impacted groundwater. More than 15 monitoring wells have been constructed across the FKP parcels. FKP, Inc. requested discontinuance of the Groundwater Monitoring and Reporting Program in March 2005. Groundwater monitoring continues to date.

Chevron Old Valley Pipeline (OVP)

Six active or former petroleum pipelines are located within the railroad right-of-way extending east to west near the southern Property boundary. These pipelines include ChevronTexaco's predecessor pipelines that transported heavy petroleum (crude oil and Bunker C fuel oil). During 1995 remedial activities and monitoring at the former Hickson - Kerley facility, separate-phase

petroleum product was identified. Subsequent investigations identified petroleum impacted soil and groundwater (Figure 5). Polynuclear Aromatic Hydrocarbons (PAHs) have also been detected in the subsurface. Remedial activities have been limited to continued removal of the separate phase hydrocarbons from monitoring wells. More than 50 soil borings have been drilled within the area. Investigative work continues to delineate the extent of the soil and groundwater impacts. The ChevronTexaco consult, SAIC, believes there may be another source area associate with the noted impacts at depth. We understand subsurface investigations are planned by SAIC at the PDQ Products property (APN 052-052-002), located south of the noted soil and groundwater impacts. The PDQ parcel was operated pre-1970 is a petroleum pump station (Newlove Pumping Station).

Risk assessments, feasibility studies and remedial action plans have not been developed for the FKP site. However, it does appear that, due to the low-volatility of the petroleum products released from the OVP (e.g., unrefined product) and the general lack of exposure pathways (e.g., major soil impacts are at depth), human health risks are likely to be low.

PG&E Oakley Metering Station

The former PG&E facility was located in the northern portion of APN 052-051-035 near the intersection of Oakley Road and Phillips Lane (Figure 4 and 7). During the 1970s, the facility processed natural gas condensate. In 1991, soil and groundwater impacted with petroleum hydrocarbons and polychlorinated biphenyls (PCBs) was identified. As of October 2004, 24 monitoring wells, four groundwater extraction wells and four vapor extraction wells were installed within the area of the former PG&E site. Review of the Quarter 28/Annual 2006 monitoring report shows limited residual groundwater impacts within the area of the former metering station. Groundwater monitoring continues to date.

6.0 OPINIONS AND DATA GAPS

It is our opinion that the findings of this study are based on a sufficient level of information obtained during our contracted scope of services to render a conclusion as to whether additional appropriate investigation is required to identify the presence or likely presence of a REC.

The data gaps identified during this process, do not affect the conclusions as to the presence or lack of presence of RECs at the Property. The following data gap was identified:

- No specific information regarding the operation of the historical Newlove petroleum pumping station, previously located on APN 052-052-002.

7.0 CONCLUSIONS

The study included a review of local, state and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources, a reconnaissance of the Property to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials and interview with persons knowledgeable about current and past site use.

ENGEO Incorporated (ENGEO) has performed a phase one environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05 “Standard Practice for Environmental Site Assessments” and USEPA “Standards and Practices for All Appropriate Inquires”, 40 CFR Part 312. Based on the findings of this assessment there are three Recognized Environmental Conditions (RECs) as follows:

Former Hickson - Kerley Property (FKP)

Groundwater has been impacted with constituents including sulfates, ammonia and manganese. Groundwater monitoring and cleanup activities are under the oversight and jurisdiction of the Central Valley Regional Water Quality Control Board (CVRWQCB). Six groundwater extraction wells were utilized to facilitate remediation of impacted groundwater. More than 15 monitoring wells have been constructed across the FKP parcels. FKP, Inc. requested discontinuance of the Groundwater Monitoring and Reporting Program in March 2005. Groundwater monitoring continues to date.

Chevron Old Valley Pipeline (OVP)

Six active or former petroleum pipelines are located within the railroad right-of-way extending east to west near the southern Property boundary. Subsurface investigations have identified petroleum impacted soil and groundwater (Figure 5). Polynuclear Aromatic Hydrocarbons (PAHs) have also been detected in the subsurface. Remedial activities have been limited to continued removal of the separate phase hydrocarbons from monitoring wells. More than 50 soil borings have been drilled within the area. Investigative work continues to delineate the extent of the soil and groundwater impacts. Risk assessments, feasibility studies and remedial action plans have not been developed for the FKP site. However, it does appear that, due to the low-volatility of the petroleum products released from the OVP (e.g., unrefined product) and the general lack of exposure pathways (e.g., major soil impacts are at depth), human health risks are likely to be low.

PG&E Oakley Metering Station

The former PG&E facility was located in the northern area of APN 052-051-035 near the intersection of Oakley Road and Phillips Lane (Figure 4 and 7). During the 1970s, the facility processed natural gas condensate. In 1991, soil and groundwater impacted with petroleum hydrocarbons and polychlorinated biphenyls (PCBs) was identified. As of October 2004, 24 monitoring wells, four groundwater extraction wells and four vapor extraction wells were installed within the area of the former PG&E site. Review of the Quarter 28/Annual 2006 monitoring report shows limited residual groundwater impacts within the area of the former metering station. Groundwater monitoring continues to date.

Based on the review of regulatory databases and site reconnaissance, we present information on features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs. We briefly discuss each feature below:

PDQ Products/Metallics Refining

This facility occupies APN 052-052-002. The facility processes scrap aluminum and zinc for resale. The metal recycling has been in operation for more than 20 years. Scrap metal is transported to the site where it is separated and processed into powder/pellets and casts for resale. Some casting and aluminum parts manufacturing also takes place at the site. Prior to the mid-1970s, another commercial development was located on the parcel, which apparently included large above-ground oil storage tanks. This operation may have been associated with the adjacent underground petroleum pipelines. The PDQ site is not currently listed as a contaminated facility; however, given the current and historical operations, it is conceivable that soil and/or groundwater may have been impacted. A subsurface assessment should be performed for the parcel. This work should include the recovery of soil and groundwater samples with analysis for petroleum hydrocarbon, PAHs, and metals analyses.

Former Orchard

More than 100 of the total 268 acres consisted historically of orchard. The specific type of trees cultivated at the site was not determined from the assessment; however, given the history of the area, almonds and walnuts may have been grown. Based on our past experience with agrichemical impact assessments in the Antioch area, it is unlikely that significant concentrations of residual pesticides would exist in site soils. A previous agrichemical assessment conducted for parcels 051-170-003 and 051-170-052 found no evidence of environmental impacts associated with past agricultural use of these parcels. If sensitive land uses, such as residential development, are planned for the remaining orchard areas, an agrichemical impact assessment should be considered for the former orchard parcels. This work should include recovery of near-surface soil samples with analysis for organochlorine pesticides, arsenic, and lead.

PG&E Substation

The substation is located near the western Property boundary along Hillcrest Avenue. The substation has been in place since at least the 1950s. Although the substation is not currently listed as a contaminated facility, it is conceivable that site soil and/or groundwater surrounding the substation facility may have been impacted. If sensitive land uses, such as residential development, are planned for the area abutting the PG&E property, a limited soil and groundwater sampling program should be undertaken along the perimeter of the substation. Samples should be analyzed for petroleum hydrocarbons and PCBs.

Railroad Right-of-Way

The railway right-of-way extends across the entire Property. Based on our past experience, it is conceivable that ballast material and surrounding soil may have been impacted with metals, petroleum hydrocarbons, PAHs, or other compounds. If sensitive land uses, such as residential development, are planned for the area proximate to the railway alignment, or if significant earth movement is to occur within the right-of-way, a sampling program should be considered along the alignment. Near surface soil samples should be tested for metals, PAHs and petroleum hydrocarbons

Petroleum Pipeline Alignment

To date, the investigations associated with the petroleum pipelines have been limited to the area of the former Hickson - Kerley facility (APN 052-051-034). Given the length of the pipeline easement on the Property (greater than 8000 feet) it is conceivable that other undetected areas of soil and/or groundwater may exist along the alignment. If sensitive land uses, such as residential development, are planned for the area proximate to the pipelines, we recommend a subsurface assessment be conducted along the pipeline alignment both east and west of the FKP area. The study should include the collection of soil and groundwater samples with analysis for petroleum hydrocarbons, BTEX, and PAHs.

ENGEO has performed a phase one environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05 “Standard Practice for Environmental Site Assessments” and USEPA “Standards and Practices for All Appropriate Inquires”, 40 CFR Part 312. Based on the findings of this assessment, ENGEO recommends a phase two environmental site assessment to address the noted potential environmental concerns.

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Figure 2	Site Topography
Figure 3	Site Map
Figure 4	Site Aerial Photograph
Figure 5	Chevron Texaco Petroleum Release
Figure 6	Groundwater Monitoring/Extraction Well Network
Figure 7	Monitoring Well Network And Groundwater Concentrations
Figure 8	Site Photographs

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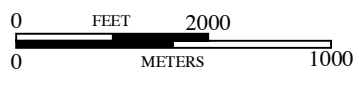
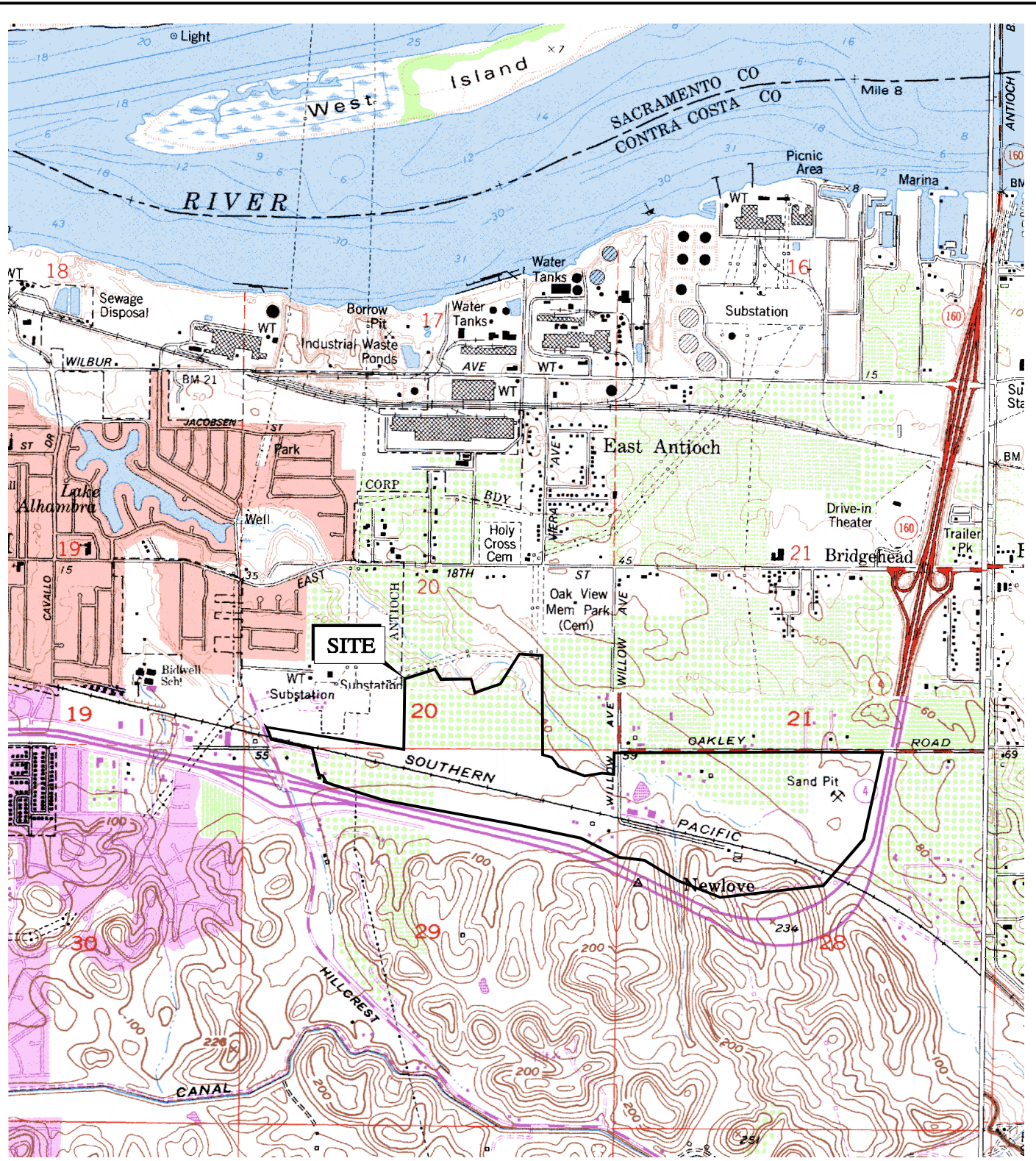
BASE MAP SOURCE: MS STREETS AND TRIPS



VICINITY MAP
 COUNTY CROSSINGS
 ANTIOCH, CALIFORNIA

PROJECT NO.: 6745.1.001.02	FIGURE NO. 1
DATE: OCTOBER 2007	
DRAWN BY: SRP CHECKED BY: SPM	

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BASE MAP SOURCE: U.S.G.S.

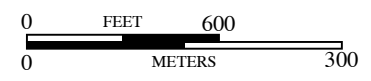
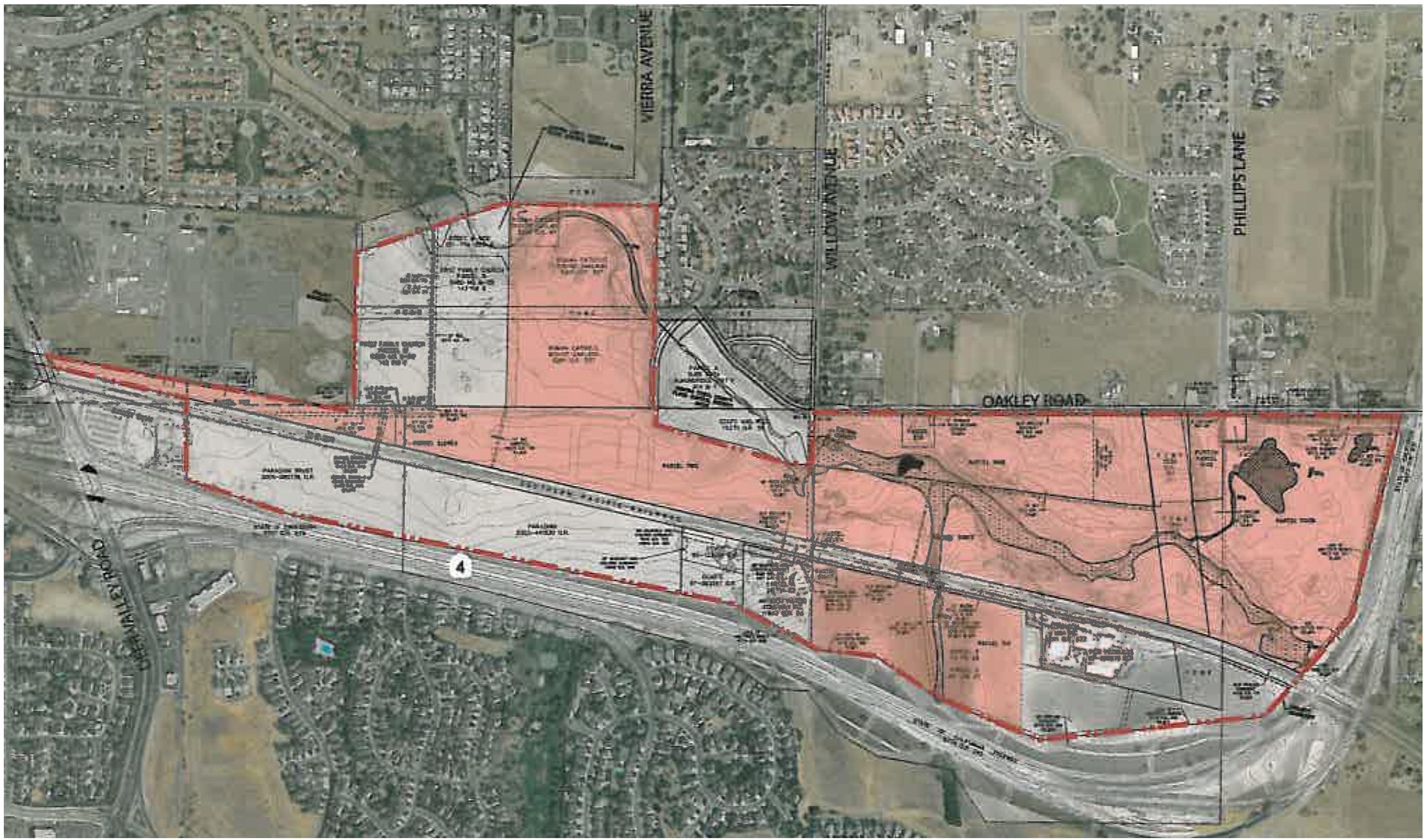


SITE TOPOGRAPHY
 COUNTY CROSSINGS
 ANTIOCH, CALIFORNIA

PROJECT NO.: 6745.1.001.02
DATE: OCTOBER 2007
DRAWN BY: SRP CHECKED BY: SPM

FIGURE NO.
2

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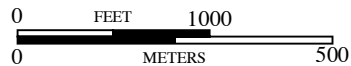
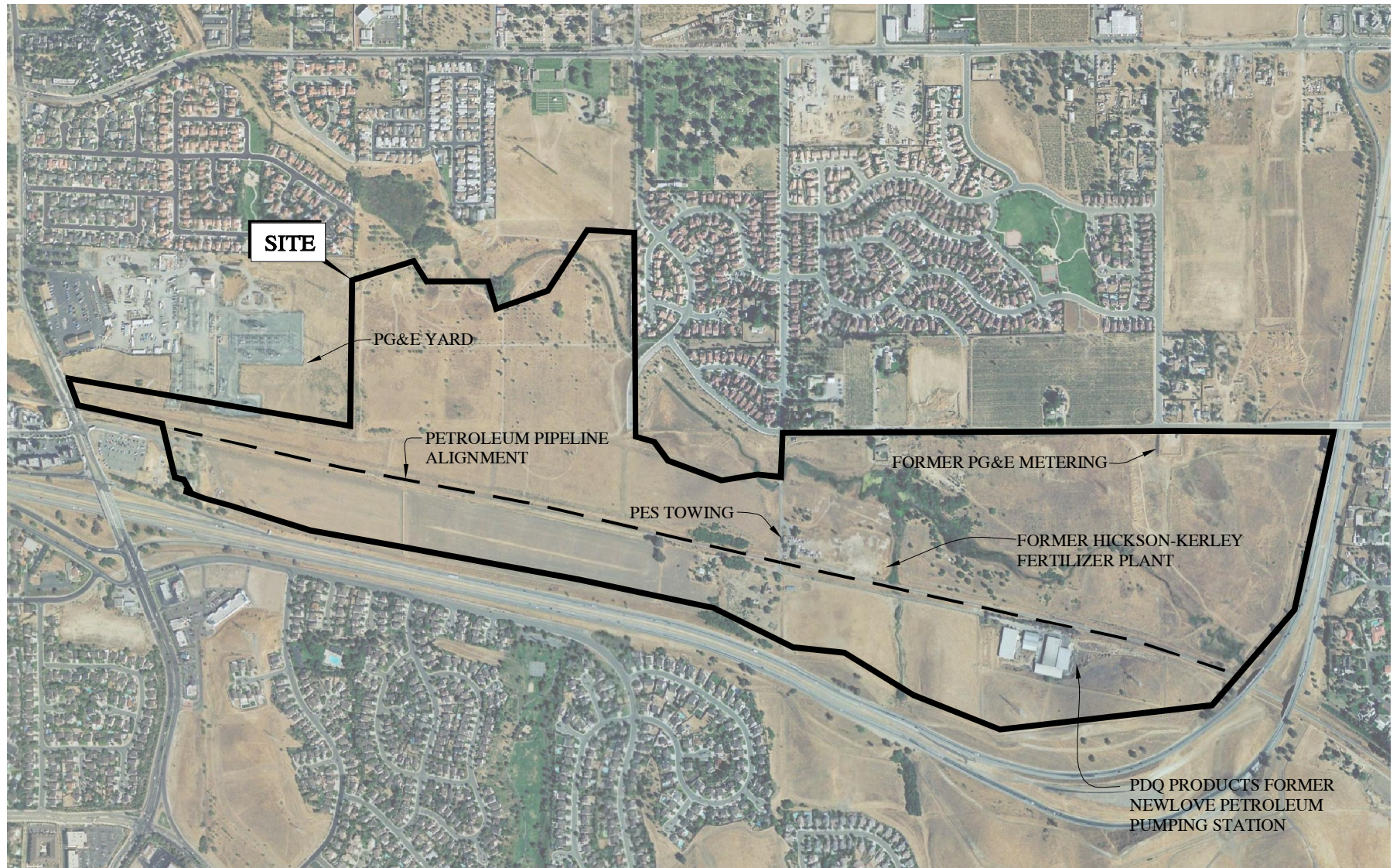
BASE MAP SOURCE: DAHLIN GROUP



SITE MAP
COUNTY CROSSINGS
ANTIOCH, CALIFORNIA

PROJECT NO.: 6745.1.001.02	FIGURE NO. 3
DATE: OCTOBER 2007	
DRAWN BY: SRP CHECKED BY: SPM	

G:\Drafting\DRAWINGS\DWG\6745\001\ESA\6745100102-ESA-4-AerialPhoto-1007.dwg 10-20-08 11:51:44 AM spotters



BASE MAP SOURCE: GOOGLE EARTH



SITE AERIAL PHOTOGRAPH
COUNTY CROSSINGS
ANTIOCH, CALIFORNIA

PROJECT NO.: 6745.1.001.02

DATE: OCTOBER 2007

DRAWN BY: SRP

CHECKED BY: SPM






























FIGURE NO.

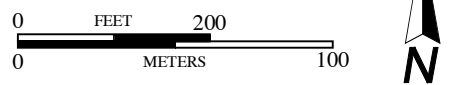
4

ORIGINAL FIGURE PRINTED IN COLOR

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LEGEND

-  Groundwater Monitoring Well
-  Soil Boring Location (May 2005)
-  Soil Boring and Grab Groundwater Location (November 2003)
-  Grab Groundwater Location (November 2003)
-  Step-Out Boring Location (November 2003)
-  Soil Boring Location (March/April 2003)
-  Soil and Grab Groundwater Sampling Location (March/April 2003)
-  Soil Boring Location (July 2002)
-  Soil and Grab Groundwater Sampling Location (July 2002)
-  Soil Boring Location (November/December 2001)
-  Soil Boring Location (October 1999)
-  Groundwater Extraction Well
-  Water Supply Well
-  Road
-  Railroad Tracks
-  Existing Structures
-  Former Site Features
-  Inferred Elevation
-  Creek
-  Fence
-  052-051-035 County Assessor's Parcel Number
-  Electrical Tower
-  Potential Historical Sump, circa 1957
-  County Assessor's Parcel Boundary
-  New Love Pump Station Boundary
-  Standard Pacific Gas Line
-  20' Thickness of Affected Soil
-  (13') Thickness of Affected Soil Observed in Boring
-  * Vertical Extent of Affected Soil Not Delineated



BASE MAP SOURCE: SAIC, 2006

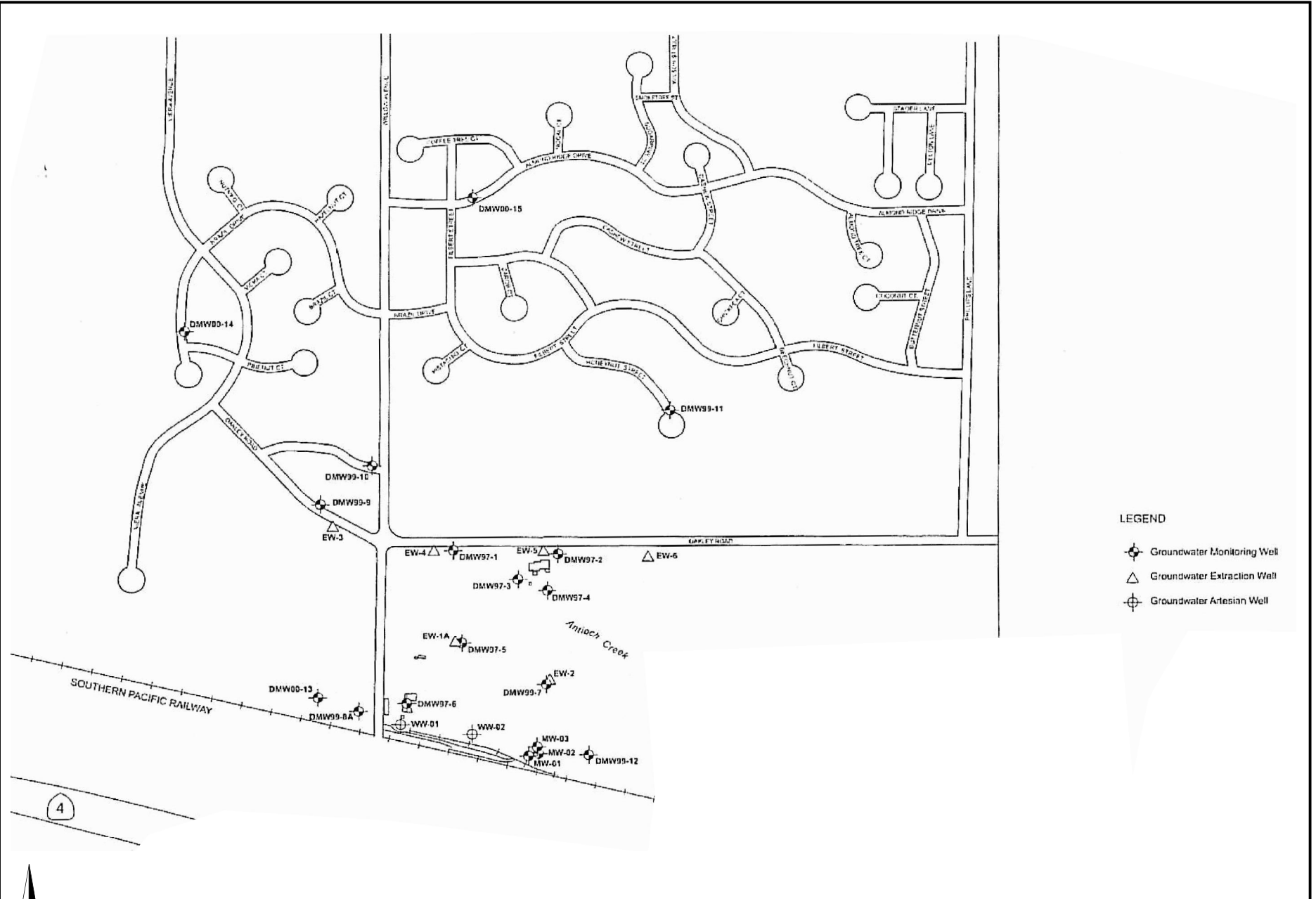


CHEVRON TEXACO PETROLEUM RELEASE
 COUNTY CROSSINGS
 ANTIOCH, CALIFORNIA

PROJECT NO.:	6745.1.001.02
DATE:	OCTOBER 2007
DRAWN BY:	SRP
CHECKED BY:	SPM

FIGURE NO.
5

G:\Drafting\DRAWING2\DWG\6745.001\ESA\6745100102-ESA-6-GroundwaterMonitoring-1007.dwg 10-20-08 11:54:25 AM spaters



BASE MAP SOURCE: URS, 2004

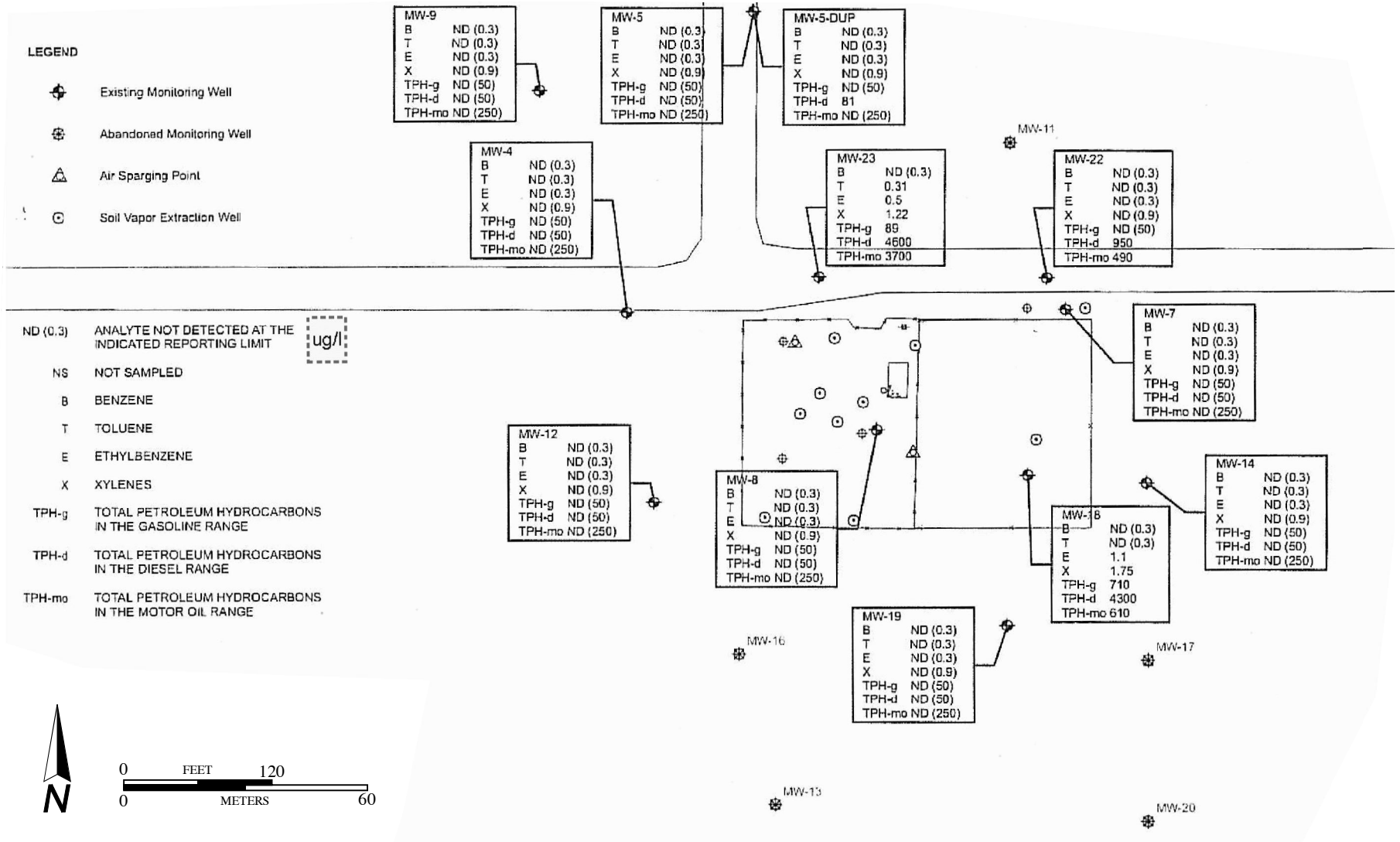


GROUNDWATER MONITORING/EXTRACTION WELL NETWORK
 FORMER HICKSON-KERLEY PROPERTY
 COUNTY CROSSINGS
 ANTIOCH, CALIFORNIA

PROJECT NO.:	6745.1.001.02
DATE:	OCTOBER 2007
DRAWN BY:	SRP
CHECKED BY:	SPM

FIGURE NO.
6

G:\Working\PG&E\INCO2\Draws\6745\001\FSA\6745100102-FSA-7-MonitoringWell-1007.dwg 10-20-08 11:56:01 AM spatters



BASE MAP SOURCE: PARSONS, 2006



MONITORING WELL NETWORK AND GROUNDWATER CONCENTRATIONS
 FORMER PG&E METERING STATION
 COUNTY CROSSINGS
 ANTIOCH, CALIFORNIA

PROJECT NO.: 6745.1.001.02		7
DATE: OCTOBER 2007		
DRAWN BY: SRP	CHECKED BY: SPM	



CREEK DEBRIS



EAST OF PES--UNKNOWN FILL CONTENTS



EAST OF PES--UNKNOWN SOIL CONTENTS



HAZ MATERIALS CONTAINER WEST OF PES



NORTH OF PES--CONTRACTOR'S HAZ MAT STORAGE



WEST OF WILLOW AVE



STAINED SOIL--PES



TANKER--PDQ



UNAUTHORIZED DUMPING



WEST OF PES



WEST OF PES--HAZ MATERIALS STORAGE

APPENDIX A

ENVIRONMENTAL DATA RESOURCES, INC.

Radius Map Report



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**County Crossings
Willow Ave. and Oakley Rd.
Antioch, CA 94509**

Inquiry Number: 01991962.2r

July 30, 2007

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

WILLOW AVE. AND OAKLEY RD.
ANTIOCH, CA 94509

COORDINATES

Latitude (North): 37.997500 - 37° 59' 51.0"
Longitude (West): 121.771000 - 121° 46' 15.6"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 607911.3
UTM Y (Meters): 4206044.5
Elevation: 41 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37121-H7 ANTIOCH SOUTH, CA
Most Recent Revision: 1980

North Map: 38121-A7 ANTIOCH NORTH, CA
Most Recent Revision: 1980

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL LIENS..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
ERNS..... Emergency Response Notification System
HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
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)
SSTS	Section 7 Tracking Systems
LIENS 2	CERCLA Lien Information
RADINFO	Radiation Information Database
US CDL	Clandestine Drug Labs
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
ICIS	Integrated Compliance Information System
LUCIS	Land Use Control Information System
DOT OPS	Incident and Accident Data
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
AST	Aboveground Petroleum Storage Tank Facilities
LIENS	Environmental Liens Listing
CHMIRS	California Hazardous Material Incident Report System
Notify 65	Proposition 65 Records
DEED	Deed Restriction Listing
CLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
RESPONSE	State Response Sites
HAULERS	Registered Waste Tire Haulers Listing

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants
--------------------------------	-----------------------------------------

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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

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

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

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

FEDERAL RECORDS

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 03/21/2007 has revealed that there are 2 CERC-NFRAP sites within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GAYLORD CONTAINER CORPORATION</i>	<i>2301 WILBUR AVENUE</i>	<i>1 - 2 NNW U90</i>		<i>96</i>
<i>CONTRA COSTA POWER PLANT</i>	<i>3201 WILBUR AVE</i>	<i>1 - 2 NNE 99</i>		<i>116</i>

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

A review of the CORRACTS list, as provided by EDR, and dated 03/14/2007 has revealed that there are 2 CORRACTS sites within approximately 1.75 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CONTRA COSTA POWER PLANT</i>	<i>3201 WILBUR AVE</i>	<i>1 - 2 NNE 99</i>		<i>116</i>
<i>E. I. DUPONT DE NEMOURS & CO</i>	<i>6000 BRIDGEHEAD RD</i>	<i>1 - 2 NE Z106</i>		<i>134</i>

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

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1

EXECUTIVE SUMMARY

RCRA-TSDF site within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONTRA COSTA POWER PLANT	3201 WILBUR AVE	1 - 2 NNE	99	116

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

A review of the RCRA-LQG list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-LQG site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ANTIOCH SVC CTR	2111 HILLCREST AVE	1/2 - 1 WNW	P72	76

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

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 6 RCRA-SQG sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HICKSON CORP	2520 OAKLEY RD	0 - 1/8 ENE	A1	6
P G & E OAKLEY RD METER SITE	OAKLEY RD NR PHILLIPS L	1/2 - 1 E	E15	23
DEES EXCAVATION	3645 LEAFWOOD CIR	1/2 - 1 S	52	48
CHEVRON STATION NO 200474	3400 HILLCREST AVE	1/2 - 1 SW	M59	54
EXXON RAS 75138	2700 HILLCREST AVE	1/2 - 1 SW	O63	61
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JOSE AGUIAR REIS	RT1 BOX 447-B	1/2 - 1 N	I36	41

EXECUTIVE SUMMARY

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 04/04/2007 has revealed that there is 1 US BROWNFIELDS site within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PG&E CORP. YARD	5400 NEROLY ROAD	1 - 2 ENE	W96	107

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 04/12/2007 has revealed that there are 6 FINDS sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HICKSON CORP	2520 OAKLEY RD	0 - 1/8 ENE	A1	6
OAK VIEW MEMORIAL PARK	2500 E 18TH STREET	1/2 - 1 N	C8	10
P G & E OAKLEY RD METER SITE	OAKLEY RD NR PHILLIPS L	1/2 - 1 E	E15	23
SUN CHEMICAL	1781 VINEYARD DR	1/2 - 1 NNE	F26	30
PACIFIC GAS & ELECTRIC COMPANY	OAKLEY RD & PHILLIPS LN	1/2 - 1 E	E28	32
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JOSE AGUIAR REIS	RT1 BOX 447-B	1/2 - 1 N	I36	41

STATE AND LOCAL RECORDS

TOXIC PITS: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there are 2 Toxic Pits sites within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
IMPERIAL WEST, ANTIOCH PLANT Closure Date: 01/16/92	1701 WILBUR AVENUE	1 - 2 NNW	95	106
PG&E, CONTRA COSTA POWER PLANT Closure Date: 12/05/88	1456 WILBUR AVENUE	1 - 2 NNW	100	120

EXECUTIVE SUMMARY

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 2 WMUDS/SWAT sites within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PIONEER AMERICAS, ANTIOCH PLAN	2151 WILBUR AVE	1 - 2 NNW 91		101
CONTRA COSTA POWER PLT ANTIOCH	PO BOX 249	1 - 2 NNW X102		126

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, and dated 04/01/2001 has revealed that there are 12 Cortese sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HICKSON KERLEY, INC	WILLOW / OAKLEY RD	1/8 - 1/4E	B5	8
PECKHAM PROPERTY	3215 18TH ST E	1/2 - 1 NE	J41	42
EXXON 7-5138	2700 HILLCREST AVE	1/2 - 1 SW	O62	56
ANTIOCH SVC CTR	2111 HILLCREST AVE	1/2 - 1 WNW	P72	76
QUIK STOP MARKET NO. 78	1779 WILBUR	1 - 2 NNW	V94	106
IMPERIAL WEST CHEM CO	1701 WILBUR AVE	1 - 2 NNW	X98	110

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAURITZEN YACHT HARBOR	RTE 1	1/2 - 1 N	I35	38
ANTIOCH PAVING COMPANY	2540 WILBUR AVE	1 - 2 N	87	91
MILITARY FAMILY HOUSING	2300 WILBUR	1 - 2 NNW	U88	94
SANTA YNEZ HIGH SCHOOL	2000 WILBUR	1 - 2 NNW	92	105
CHEVRON #9-3801	5433 NEROLY RD	1 - 2 ENE	W97	108
BRIDGEHEAD INC	5540 BRIDGEHEAD RD	1 - 2 ENE	101	122

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 04/09/2007 has revealed that there are 2 SWRCY sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ANTIOCH RECYCLING CENTER	1305 SUNSET DR	1/2 - 1 W	68	64
SAFEWAY #1259	3365 DEER VALLEY RD	1/2 - 1 SW	R77	79

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 04/10/2007 has revealed that there are 10

EXECUTIVE SUMMARY

LUST sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HICKSON KERLEY, INC Facility Status: Remedial action (cleanup) Underway	WILLOW / OAKLEY RD	1/8 - 1/4 E	B5	8
PECKHAM PROPERTY Facility Status: Case Closed	3215 18TH ST E	1/2 - 1 NE	J41	42
EXXON 7-5138 Facility Status: Case Closed	2700 HILLCREST AVE	1/2 - 1 SW	O62	56
HILLCREST VALERO CASE #2 Facility Status: Case Closed	2700 HILLCREST AVE	1/2 - 1 SW	O66	62
PG&E ANTIOCH SERVICE CENTER Facility Status: Case Closed	2111 HILLCREST AVE	1/2 - 1 WNW P70		65

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAURITZEN YACHT HARBOR Facility Status: Case Closed Facility Status: Case Closed	RTE 1	1/2 - 1 N	I35	38
BEACON HILLCREST Facility Status: Pollution Characterization	1801 HILLCREST AVENUE	1 - 2 WNW	84	85
ANTIOCH PAVING COMPANY Facility Status: Case Closed	2540 WILBUR AVE	1 - 2 N	87	91
CHEVRON #9-3801 Facility Status: Case Closed	5433 NEROLY RD	1 - 2 ENE	W97	108
BRIDGEHEAD INC Facility Status: Case Closed	5540 BRIDGEHEAD RD	1 - 2 ENE	101	122

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, and dated 10/31/1994 has revealed that there are 8 CA FID UST sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SWISHER CEMCENT CONTRACTOR INC	2620 E 18TH ST	1/2 - 1 NNE	D10	14
WM G MCCULLOUGH CO.	2625 E 18TH ST	1/2 - 1 NNE	D11	16
HOLY CROSS CEMETERY	2200 E 018TH ST	1/2 - 1 N	C17	24
INDUSTRIAL OIL COMPANY	2800 E 18TH ST	1/2 - 1 NNE	F18	25
EXXON 7-5138	2700 HILLCREST AVE	1/2 - 1 SW	O62	56
GOLDEN GATE MOVING & STORAGE	1211 SUNSET DR	1/2 - 1 W	S80	81
MADISON, PETER	1205 SUNSET DR	1/2 - 1 W	S81	82
GATRELL EQUIPMENT CORP	1204 SUNSET DR	1/2 - 1 W	S82	83

EXECUTIVE SUMMARY

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

A review of the SLIC list, as provided by EDR, and dated 04/10/2007 has revealed that there are 5 SLIC sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC GAS & ELECTRIC COMPANY	OAKLEY RD & PHILLIPS LN	1/2 - 1 E	E28	32
IMPERIAL WEST CHEM CO	1701 WILBUR AVE	1 - 2 NNW	X98	110
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRONTEXACO, HICKSON KERLEY,	HWY 4	1/2 - 1 ENE	Q75	78
PIONEER AMERICAS, ANTIOCH PLAN	2151 WILBUR AVE	1 - 2 NNW	91	101
Facility Status: Remediation Plan				
GWF POWER PLANT - ANTIOCH	1900 WILBUR AVE, W	1 - 2 NNW	V93	105

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

A review of the UST list, as provided by EDR, and dated 07/10/2007 has revealed that there are 6 UST sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
REDDING PETROLEUM INC	2800 E 18TH ST	1/2 - 1 NNE	F19	27
HILLCREST SHELL	2701 HILLCREST AVE	1/2 - 1 SW	L55	50
CHEVRON USA #200474	3400 HILLCREST AVE	1/2 - 1 SW	M58	54
SPEE DEE OIL CHANGE & TUNE UP	3412 HILLCREST AVE	1/2 - 1 SW	N60	56
VALERO #7-138	2700 HILLCREST AVE	1/2 - 1 SW	O65	62
PG&E ANTIOCH SERVICE CENTER	2111 HILLCREST AVE	1/2 - 1 WNW	P70	65

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 6 HIST UST sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WILLIAM G. MCCULLOUGH CO.	VICTORY HIWAY / WILLO	1/2 - 1 N	14	20
HOLY CROSS CEMETERY	2200 E 18TH ST	1/2 - 1 NNW	G23	28
ANTIOCH SERVICE CENTER	2111 HILLCREST AVE	1/2 - 1 WNW	P71	69
GOLDEN GATE MOVING & STORAGE	1211 SUNSET DR	1/2 - 1 W	S79	81
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ANTIOCH FIELD OFFICE	NEROLY ROAD / HIGHWAY 4	1/2 - 1 ENE	Q74	77
GAS MACHINE	HWY 4 8 BRIDGEHEAD RD.	1/2 - 1 ENE	Q76	78

EXECUTIVE SUMMARY

SL: Lists includes sites from the Underground Tank Program, Hazardous Waste Generator Program & Business Plan 12185 Program

A review of the CONTRA COSTA CO. SITE LIST list, as provided by EDR, and dated 05/29/2007 has revealed that there are 45 CONTRA COSTA CO. SITE LIST sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
METALLICS REFINING INC	WILLOW AVE EXTENSION	1/8 - 1/4 SSE	3	8
HICKSON KERLEY INC	WILLOW AVE / SP RR TR	1/8 - 1/4 E	B4	8
OAK VIEW MEMORIAL PARK	2500 18TH ST E	1/2 - 1 N	C7	10
WAYNE E SWISHER CEMENT CONTRAC	2620 18TH ST E	1/2 - 1 NNE	D9	14
WILLIAM G MCCULLOUGH CO	2625 18TH ST E	1/2 - 1 NNE	D12	19
CONSTRUCTION DRILLING EQUIPMEN	2770 18TH ST E	1/2 - 1 NNE	F16	24
HOLY CROSS CEMETERY	2200 E 018TH ST	1/2 - 1 N	C17	24
REDDING PETROLEUM INC	2800 E 18TH ST	1/2 - 1 NNE	F19	27
MOBILE VEHICLE MAINTENANCE	2800 18TH ST E	1/2 - 1 NNE	F21	28
ENVIROCLEAN INC	2820 18TH ST	1/2 - 1 NNE	22	28
SUN CHEMICAL	1781 VINEYARD DR #100	1/2 - 1 NNE	F24	29
EVANGELHO RESIDENCE	1840 18TH ST E	1/2 - 1 NW	30	36
CITY OF ANTIOCH	3100 18TH ST E	1/2 - 1 NE	31	36
PECKHAM PROPERTY	3215 18TH ST E	1/2 - 1 NE	J41	42
STROER AND GAFF INC	1830 PHILLIPS	1/2 - 1 NE	42	44
B J'S TOW	3235 18TH ST E	1/2 - 1 NE	J43	45
ARROW HEAD TOWING, INC	3245 18TH ST E	1/2 - 1 NE	J44	45
FUHRER PAINT WERKZ	3257 18TH ST E	1/2 - 1 NE	J45	45
A & S TRANSMISSION	3261 18TH ST E	1/2 - 1 NE	J46	45
A-1 TUNE & REPAIR	3275 18TH ST E	1/2 - 1 NE	J47	46
RICK'S AUTOMOTIVE CENTER	3277 E 18TH ST	1/2 - 1 NE	J48	46
D & K AUTOMOTIVE	3291 18TH ST E	1/2 - 1 NE	J49	47
ADVANCED BODY & FRAME	3295 18TH ST E	1/2 - 1 NE	K50	47
CALIFORNIA ORGANICS INC	3305 18TH ST E	1/2 - 1 NE	K51	48
OIL CAN HENRYS	2749 HILLCREST AVE	1/2 - 1 SW	L54	49
HILLCREST SHELL	2701 HILLCREST AVE	1/2 - 1 SW	L55	50
CHEVRON STATION #200474	3400 HILLCREST AVE	1/2 - 1 SW	M57	52
VALVOLINE EXPRESS CARE	3412 HILLCREST AVE	1/2 - 1 SW	N61	56
EXXON 7-5138	2700 HILLCREST AVE	1/2 - 1 SW	O62	56
ROESBERY CAR CARE	2700 HILLCREST AVE	1/2 - 1 SW	O64	62
BAY AUTOMOTIVE	3420 E 18TH	1/2 - 1 NE	67	64
CONCORD POOL CENTER	4210 MCCLURE CT	1/2 - 1 SSE	69	65
ANTIOCH SERVICE CENTER	2111 HILLCREST AVE	1/2 - 1 WNW	P71	69
ANTIOCH SVC CTR	2111 HILLCREST AVE	1/2 - 1 WNW	P72	76
SAFEWAY #1259	3365 DEER VALLEY RD	1/2 - 1 SW	R77	79
ALPINE BUSINESS MACHINES	1215 SUNSET DR	1/2 - 1 W	S78	80
GOLDEN GATE MOVING & STORAGE	1211 SUNSET DR	1/2 - 1 W	S80	81
MADISON, PETER	1205 SUNSET DR	1/2 - 1 W	S81	82
GATRELL EQUIPMENT CORP	1204 SUNSET DR	1/2 - 1 W	S82	83
WALGREENS #4724	3416 DEER VALLEY RD	1/2 - 1 SW	R83	85
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONSTRUCTION ENGINEERING SVCS	1671 VINEYARD DR	1/2 - 1 NNE	H34	37
INTERTEK TESTING SERVICES	2200 WYMORE WAY	1/2 - 1 NNW	53	48
DRILL TECH DRILLING & SHORING,	2200 WYMORE WAY	1/2 - 1 NNW	56	52
POOLE'S TRUCKING	HWY 4 - E NEROLY RD	1/2 - 1 ENE	Q73	77
CHEVRONTXACO, HICKSON KERLEY,	HWY 4	1/2 - 1 ENE	Q75	78

EXECUTIVE SUMMARY

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 9 SWEEPS UST sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SWISHER CEMCENT CONTRACTOR INC	2620 E 18TH ST	1/2 - 1 NNE	D10	14
WM G MCCULLOUGH CO.	2625 E 18TH ST	1/2 - 1 NNE	D11	16
HOLY CROSS CEMETERY	2200 E 018TH ST	1/2 - 1 N	C17	24
INDUSTRIAL OIL COMPANY	2800 E 18TH ST	1/2 - 1 NNE	F18	25
CHEVRON STATION #200474	3400 HILLCREST AVE	1/2 - 1 SW	M57	52
EXXON 7-5138	2700 HILLCREST AVE	1/2 - 1 SW	O62	56
PG&E ANTIOCH SERVICE CENTER	2111 HILLCREST AVE	1/2 - 1 WNW	P70	65
GOLDEN GATE MOVING & STORAGE	1211 SUNSET DR	1/2 - 1 W	S80	81
GATRELL EQUIPMENT CORP	1204 SUNSET DR	1/2 - 1 W	S82	83

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

A review of the VCP list, as provided by EDR, and dated 05/29/2007 has revealed that there are 4 VCP sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALMOND ORCHARD	2101 E. 18TH STREET	1/2 - 1 NNW	G27	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EAST MILL	2603 WILBUR AVENUE	1 - 2 N	T85	87
INDUSTRIAL LOT WITH RAILROAD S	2600 WILBUR AVENUE	1 - 2 N	T86	89
WEST MILL	2301 WILBUR AVENUE	1 - 2 NNW	U89	94

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

A review of the CDL list, as provided by EDR, and dated 12/31/2006 has revealed that there are 7 CDL sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2451 WILLOW AVE	0 - 1/8 ENE	A2	8
Not reported	3899 OAKLEY RD	1/4 - 1/2 E	6	10
Not reported	2415 E. 18TH ST	1/2 - 1 NNW	C13	20
Not reported	1966 VINE LANE	1/2 - 1 N	32	37
Not reported	1588 VIERRA AVENUE	1/2 - 1 N	I38	42
Not reported	1588 VIERA AVE	1/2 - 1 N	I39	42
Not reported	1588 VIERA AVE	1/2 - 1 N	I40	42

EXECUTIVE SUMMARY

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, and dated 12/31/2005 has revealed that there are 7 HAZNET sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HICKSON CORP	2520 OAKLEY RD	0 - 1/8 ENE	A1	6
SWISHER CEMCENT CONTRACTOR INC	2620 E 18TH ST	1/2 - 1 NNE	D10	14
WM G MCCULLOUGH CO.	2625 E 18TH ST	1/2 - 1 NNE	D11	16
INDUSTRIAL OIL COMPANY	2800 E 18TH ST	1/2 - 1 NNE	F18	25
LP'S TRUCK REPAIR	2800 EAST 18TH ST	1/2 - 1 NNE	F20	27
CORNERSTONE CHRISTIAN CENTER	1745 E 18TH STREET	1/2 - 1 NW	37	41
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONSTRUCTION ENGINEER SERVICES	1671 VINYARD DR	1/2 - 1 NNE	H33	37

Emissions Inventory Data: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2005 has revealed that there are 3 EMI sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
OAK VIEW MEMORIAL PARK	2500 E 18TH STREET	1/2 - 1 N	C8	10
SUN CHEMICAL	1781 VINEYARD DR, SUITE	1/2 - 1 NNE	F25	29
PACIFIC GAS & ELECTRIC COMPANY	OAKLEY RD & PHILLIPS LN	1/2 - 1 E	E28	32

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/29/2007 has revealed that there are 9 ENVIROSTOR sites within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALMOND ORCHARD Facility Status: Certified	2101 E. 18TH STREET	1/2 - 1 NNW	G27	30
OAKLEY ROAD METERING SITE Facility Status: Refer: RWQCB	OAKLEY RD. / PHILLIPS	1/2 - 1 E	E29	35
RECREATIONAL TRACT Facility Status: Certified / Operation & Maintenance	1030 APOLLO COURT	1 - 2 NW	Y103	128

EXECUTIVE SUMMARY

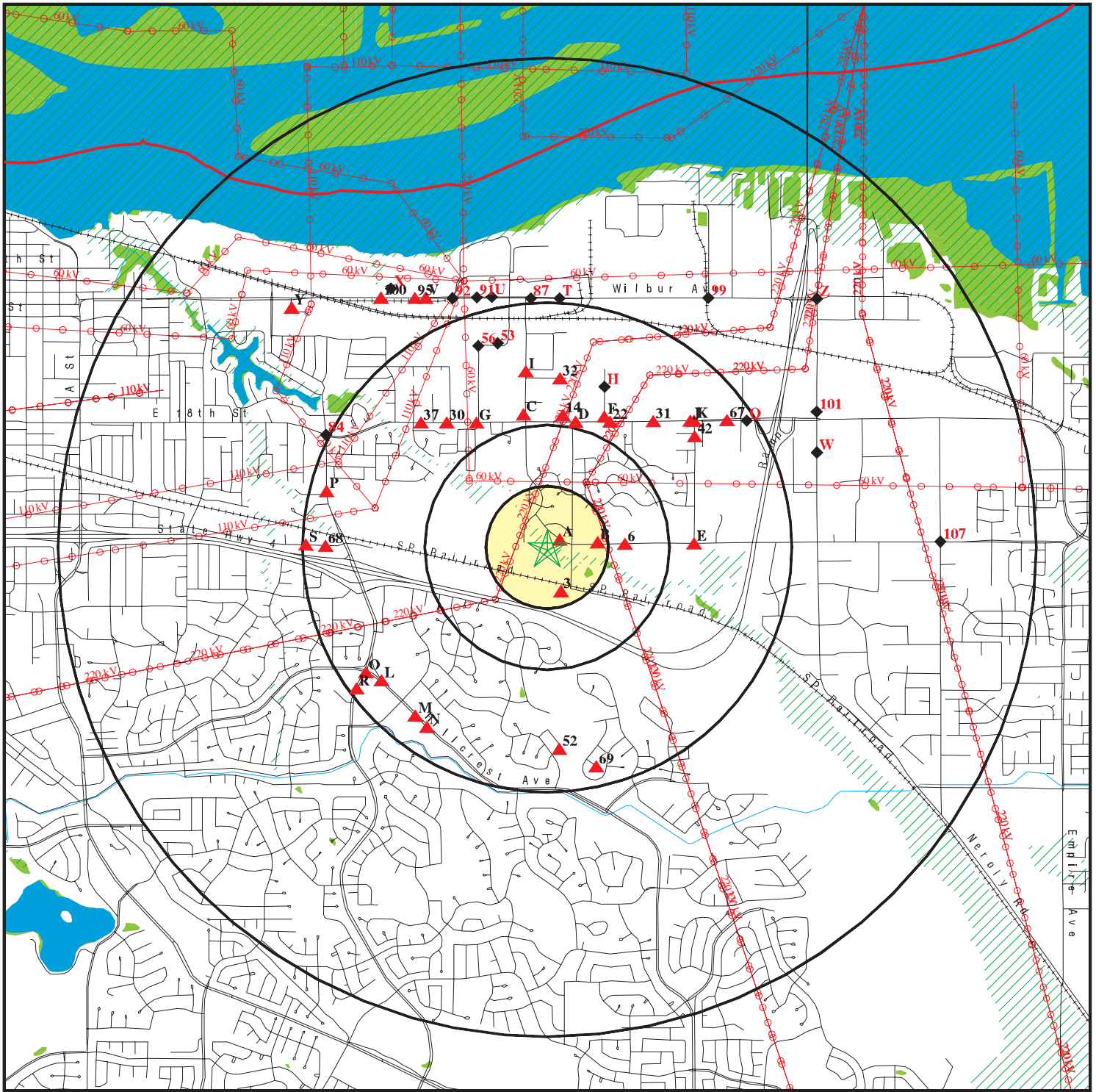
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AGRICULTURAL TRACT Facility Status: Certified / Operation & Maintenance	1030 APOLLO COURT	1 - 2 NW	Y104	130
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EAST MILL Facility Status: Active	2603 WILBUR AVENUE	1 - 2 N	T85	87
INDUSTRIAL LOT WITH RAILROAD S Facility Status: Certified	2600 WILBUR AVENUE	1 - 2 N	T86	89
WEST MILL Facility Status: Active	2301 WILBUR AVENUE	1 - 2 NNW	U89	94
DUPONT DE NEMOURS & CO INC Facility Status: Refer: RCRA	6000 BRIDGEHEAD ROAD	1 - 2 NE	Z105	132
NEW OAKLEY RD ES Facility Status: No Further Action	LIVE OAKE AVE/OAKLEY RD	1 - 2 E	107	154

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
SHERMAN ISL. DEHYDRATOR-ODORAN	SWEEPS UST
LLOYD'S HOLIDAY HARBOR	SWEEPS UST
GAS MACHINE	SWEEPS UST
MELLO'S SHEET METAL	SWEEPS UST
A & A MOBIL	LUST, Cortese, CONTRA COSTA CO. SITE LIST, SWEEPS UST
OAKLEY BUILDERS SUPPLY	SWEEPS UST
OAKLEY BETHEL ISLAND WASTEWATE	HIST UST, SWEEPS UST
3000 BLOCK VIERA AVE	CDL
OAKLEY BUILDERS SUPPLY	LUST, Cortese, CONTRA COSTA CO. SITE LIST
HILLCREST PUMP STATION	UST
VINEYARD TRACT	VCP, ENVIROSTOR
INDUSTRIAL LOT WITH TANK	VCP, ENVIROSTOR
FIBREBOARD CORPORATION	HIST UST
J.J. LEWIS RANCH	HIST UST
CONTRA COSTA SUBSTATION	AST
PUMPING PLANT 1	AST
CHEVRON 93801	HAZNET
VENTURINI ASSOC INC	HAZNET
DENTISTRY FOR CHILDREN	HAZNET
PACIFIC GAS & ELECTRIC COMPANY	HAZNET
PG&E ANTIOCH MAINT STATION	HAZNET
PG&E OAKLEY RD METER SITE	HAZNET
SUN GRAPHICS	HAZNET
HICKSON CORPORATION	HAZNET
MAURICE LODGE	HAZNET
P G AND E DUTCH SLOUGH DEHYDRATOR	RCRA-SQG, FINDS, HAZNET
CALIFORNIA ORGANICS	RCRA-SQG, FINDS
CHEVRON STATION NO 93801	RCRA-SQG, FINDS
HICKSON-KERLEY (FORMER), F.K.P., I	SLIC
PG&E GAS DEHYDRATOR STATION, DUTCH	SLIC
CHEVRON SS# 96946	CONTRA COSTA CO. SITE LIST
CAMARA, JOHN & MARGARET	CONTRA COSTA CO. SITE LIST
AMERICAN MEDICAL RESPONSE	CONTRA COSTA CO. SITE LIST
SMITH'S INDUSTRIAL WELDING INC	CONTRA COSTA CO. SITE LIST
LINCOLN PROPERTIES	CONTRA COSTA CO. SITE LIST
PDQ PRODUCTS INC	CONTRA COSTA CO. SITE LIST
VENOCO, INC	CONTRA COSTA CO. SITE LIST
SHOSHONE OIL CORPORATION	CONTRA COSTA CO. SITE LIST
WESTERN CONT'L NGC-KYSH-1	CONTRA COSTA CO. SITE LIST
EAST 18TH STREET WEST OF CAVAL	DOT OPS
PACIFIC GAS AND ELECTRIC CO, A	EMI
HICKSON KERLEY, INC	EMI

OVERVIEW MAP - 01991962.2r



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

- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- Areas of Concern

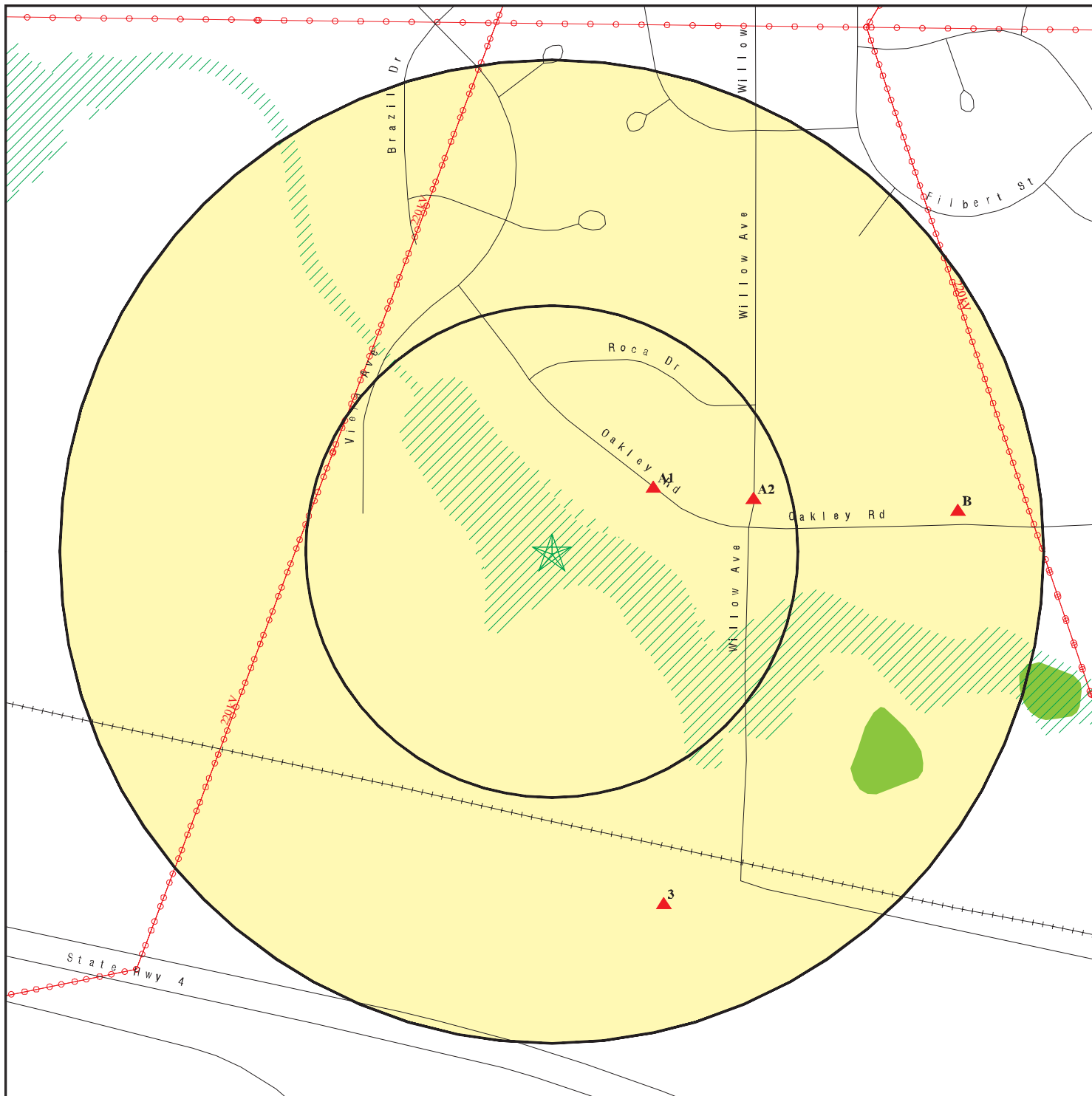


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: County Crossings
 ADDRESS: Willow Ave. and Oakley Rd.
 Antioch CA 94509
 LAT/LONG: 37.9975 / 121.7710

CLIENT: Engeo Inc.
 CONTACT: Lu Damerell
 INQUIRY #: 01991962.2r
 DATE: July 30, 2007 9:26 pm

DETAIL MAP - 01991962.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- Areas of Concern



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

SITE NAME: County Crossings
 ADDRESS: Willow Ave. and Oakley Rd.
 Antioch CA 94509
 LAT/LONG: 37.9975 / 121.7710

CLIENT: Engeo Inc.
 CONTACT: Lu Damerell
 INQUIRY #: 01991962.2r
 DATE: July 30, 2007 9:27 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.750	0	0	0	0	0	0
Proposed NPL		1.750	0	0	0	0	0	0
Delisted NPL		1.750	0	0	0	0	0	0
NPL LIENS		0.750	0	0	0	0	NR	0
CERCLIS		1.250	0	0	0	0	0	0
CERC-NFRAP		1.250	0	0	0	0	2	2
CORRACTS		1.750	0	0	0	0	2	2
RCRA TSD		1.250	0	0	0	0	1	1
RCRA Lg. Quan. Gen.		1.000	0	0	0	1	NR	1
RCRA Sm. Quan. Gen.		1.000	1	0	0	5	NR	6
ERNS		0.750	0	0	0	0	NR	0
HMIRS		0.750	0	0	0	0	NR	0
US ENG CONTROLS		1.250	0	0	0	0	0	0
US INST CONTROL		1.250	0	0	0	0	0	0
DOD		1.750	0	0	0	0	0	0
FUDS		1.750	0	0	0	0	0	0
US BROWNFIELDS		1.250	0	0	0	0	1	1
CONSENT		1.750	0	0	0	0	0	0
ROD		1.750	0	0	0	0	0	0
UMTRA		1.250	0	0	0	0	0	0
ODI		1.250	0	0	0	0	0	0
TRIS		0.750	0	0	0	0	NR	0
TSCA		0.750	0	0	0	0	NR	0
FTTS		0.750	0	0	0	0	NR	0
SSTS		0.750	0	0	0	0	NR	0
LIENS 2		0.750	0	0	0	0	NR	0
RADINFO		0.750	0	0	0	0	NR	0
CDL		0.750	0	0	0	0	NR	0
HIST FTTS		0.750	0	0	0	0	NR	0
ICIS		0.750	0	0	0	0	NR	0
LUCIS		1.250	0	0	0	0	0	0
DOT OPS		0.750	0	0	0	0	NR	0
PADS		0.750	0	0	0	0	NR	0
MLTS		0.750	0	0	0	0	NR	0
MINES		1.000	0	0	0	0	NR	0
FINDS		0.750	1	0	0	5	NR	6
RAATS		0.750	0	0	0	0	NR	0
<u>STATE AND LOCAL RECORDS</u>								
Hist Cal-Sites		1.750	0	0	0	0	0	0
CA Bond Exp. Plan		1.750	0	0	0	0	0	0
SCH		1.000	0	0	0	0	NR	0
Toxic Pits		1.750	0	0	0	0	2	2
State Landfill		1.250	0	0	0	0	0	0
WMUDS/SWAT		1.250	0	0	0	0	2	2
CA WDS		0.750	0	0	0	0	NR	0
Cortese		1.250	0	1	0	4	7	12

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
SWRCY		1.250	0	0	0	2	0	2
LUST		1.250	0	1	0	5	4	10
CA FID UST		1.000	0	0	0	8	NR	8
SLIC		1.250	0	0	0	2	3	5
UST		1.000	0	0	0	6	NR	6
HIST UST		1.000	0	0	0	6	NR	6
AST		1.000	0	0	0	0	NR	0
LIENS		0.750	0	0	0	0	NR	0
Contra Costa Co. Site List		1.000	0	2	0	43	NR	45
SWEEPS UST		1.000	0	0	0	9	NR	9
CHMIRS		0.750	0	0	0	0	NR	0
Notify 65		1.750	0	0	0	0	0	0
DEED		1.250	0	0	0	0	0	0
VCP		1.250	0	0	0	1	3	4
DRYCLEANERS		1.000	0	0	0	0	NR	0
WIP		1.000	0	0	0	0	NR	0
CDL		0.750	1	0	1	5	NR	7
RESPONSE		1.750	0	0	0	0	0	0
HAZNET		0.750	1	0	0	6	NR	7
EMI		0.750	0	0	0	3	NR	3
ENVIROSTOR		1.750	0	0	0	2	7	9
HAULERS		0.750	0	0	0	0	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.750	0	0	0	0	0	0
INDIAN LUST		1.250	0	0	0	0	0	0
INDIAN UST		1.000	0	0	0	0	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.750	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A1 **HICKSON CORP**
ENE **2520 OAKLEY RD**
< 1/8 **ANTIOCH, CA 94509**
323 ft.

RCRA-SQG **1001481010**
FINDS **CAR000050765**
HAZNET

Site 1 of 2 in cluster A

Relative:
Higher

RCRAInfo:

Owner: HICKSON CORP
 (770) 801-6600

EPA ID: CAR000050765

Contact: ROBERT GRUBER
 (770) 801-6600

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

Actual:
45 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

HAZNET:

Gepaid: CAR000050765
 Contact: HICKSON CORP
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1955 LAKE PARK DR STE 250
 Mailing City,St,Zip: SMYRNA, GA 300800000
 Gen County: 7
 TSD EPA ID: AZD049318009
 TSD County: 99
 Waste Category: Alkaline solution without metals (pH > 12.5)
 Disposal Method: Not reported
 Tons: 0.125
 Facility County: 7

Gepaid: CAR000050765
 Contact: HICKSON CORP
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1955 LAKE PARK DR STE 250
 Mailing City,St,Zip: SMYRNA, GA 300800000
 Gen County: 7
 TSD EPA ID: AZD049318009
 TSD County: 99
 Waste Category: Off-specification, aged, or surplus organics
 Disposal Method: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HICKSON CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001481010

Tons: 0.015
Facility County: 7

Gepaid: CAR000050765
Contact: HICKSON CORP
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1955 LAKE PARK DR STE 250
Mailing City,St,Zip: SMYRNA, GA 300800000
Gen County: 7
TSD EPA ID: AZD049318009
TSD County: 99
Waste Category: Liquids with polychlorinated biphenyls > 50 mg/l
Disposal Method: Not reported
Tons: 0.015
Facility County: 7

Gepaid: CAR000050765
Contact: HICKSON CORP
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1955 LAKE PARK DR STE 250
Mailing City,St,Zip: SMYRNA, GA 300800000
Gen County: 7
TSD EPA ID: AZD049318009
TSD County: 99
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Not reported
Tons: 0.1
Facility County: 7

Gepaid: CAR000050765
Contact: HICKSON CORP
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1955 LAKE PARK DR STE 250
Mailing City,St,Zip: SMYRNA, GA 300800000
Gen County: 7
TSD EPA ID: CAD980675276
TSD County: Kern
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: 33.712
Facility County: 7

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

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

A2			CDL
ENE	2451 WILLOW AVE		S107531651
< 1/8	ANTIOCH, CA 94509		N/A
559 ft.			
	Site 2 of 2 in cluster A		
Relative:	CDL:		
Higher	Facility ID: 199909118		
Actual:	Date: 1999-09-20 00:00:00		
49 ft.	Abandoned Waste: Yes		
	Illegal Drug Lab: Not reported		
	Mobile Lab: Not reported		

3			S102259997
SSE	METALLICS REFINING INC	CONTRA COSTA CO. SITE LIST	N/A
1/8-1/4	WILLOW AVE EXTENSION		
990 ft.	ANTIOCH, CA		
	CONTRA COSTA CO. SITE LIST:		
Relative:	Region: CONTRA COSTA		
Higher	Facility ID: 771772		
Actual:	Facility Status: ACTIVE		
75 ft.	Tier: Not reported		
	Program Status: HWG, Hmmp		
	Generator Fee Item: No		
	Inactive Date: Not reported		

B4			S102259996
East	HICKSON KERLEY INC	CONTRA COSTA CO. SITE LIST	N/A
1/8-1/4	WILLOW AVE / SP RR TRACKS		
1095 ft.	ANTIOCH, CA 94509		
	Site 1 of 2 in cluster B		
Relative:	CONTRA COSTA CO. SITE LIST:		
Higher	Region: CONTRA COSTA		
Actual:	Facility ID: 707601		
55 ft.	Facility Status: INACTIVE		
	Tier: Not reported		
	Program Status: UST		
	Generator Fee Item: No		
	Inactive Date: 1996-08-01 00:00:00		

B5			1001614879
East	HICKSON KERLEY, INC	LUST	N/A
1/8-1/4	WILLOW / OAKLEY RD	Cortese	
1095 ft.	ANTIOCH, CA 95509		
	Site 2 of 2 in cluster B		
Relative:	LUST:		
Higher	Region: STATE		
Actual:	Case Type: Undefined		
55 ft.	Cross Street: Not reported		
	Enf Type: None Taken		
	Funding: Not reported		
	How Discovered: OM		
	How Stopped: Not reported		
	Leak Cause: Corrosion		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HICKSON KERLEY, INC (Continued)

1001614879

Leak Source: Tank
Global Id: T0601300796
Stop Date: Not reported
Confirm Leak: 1994-10-26 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 2000-12-01 00:00:00
Monitoring: Not reported
Close Date: 2000-04-28 00:00:00
Discover Date: 1994-10-26 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 1995-02-28 00:00:00
Review Date: 2000-04-28 00:00:00
Enter Date: 1995-05-09 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 07
Org Name: Not reported
Reg Board: 5S
Status: Remedial action (cleanup) Underway
Chemical: Diesel
Contact Person: Not reported
Responsible Party: MR. BILLY MITCHELL
RP Address: PO BOX 800
Interim: Yes
Oversight Prgm: LUFT
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: CLC
Staff Initials: BRU
Lead Agency: Regional Board
Local Agency: 07000
Hydr Basin #: SAN JOAQUIN VALLEY (
Beneficial: Not reported
Priority: 2
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 070077
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name: DON'S LITTLE STORE SWS
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0601307530
Waste Disch Assigned Name: 0707530-001GEN
Summary: ALSO LEAKED ?? AMMONIUM SULFIDE ??

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HICKSON KERLEY, INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1001614879

LUST:

Region: 5
 Case Number: 070077
 Staff Initials: CLC
 Substance: DIESEL
 Case Type: Undefined
 Status: Remedial action (cleanup) Underway
 Lead Agency: Regional
 Program: LUFT
 MTBE Code: N/A

Cortese:

Region: CORTESE
 Facility Addr2: WILLOW & OAKLEY RD

6
 East
 1/4-1/2
 1683 ft.

3899 OAKLEY RD
ANTIOCH, CA 94509

CDL S107533543
N/A

Relative:
Higher

CDL:

Facility ID: 200508028
 Date: 2005-08-19 00:00:00

Actual:
62 ft.

Abandoned Waste: Not reported
 Illegal Drug Lab: Yes
 Mobile Lab: Not reported

C7
 North
 1/2-1
 2742 ft.

OAK VIEW MEMORIAL PARK
2500 18TH ST E
ANTIOCH, CA 94509

CONTRA COSTA CO. SITE LIST S102259790
N/A

Site 1 of 4 in cluster C

Relative:
Higher

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 770172
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: UST
 Generator Fee Item: No
 Inactive Date: 1987-02-02 00:00:00

Actual:
52 ft.

C8
 North
 1/2-1
 2752 ft.

OAK VIEW MEMORIAL PARK
2500 E 18TH STREET
ANTIOCH, CA 94509

FINDS 1005774686
EMI 110002427696

Site 2 of 4 in cluster C

Relative:
Higher

FINDS:

Other Pertinent Environmental Activity Identified at Site

Actual:
52 ft.

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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OAK VIEW MEMORIAL PARK (Continued)

1005774686

EMI:

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 2320
Air District Name: BA
SIC Code: 7261
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 2320
Air District Name: BA
SIC Code: 7261
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 2320
Air District Name: BA
SIC Code: 7261
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 2320
Air District Name: BA

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

OAK VIEW MEMORIAL PARK (Continued)

1005774686

SIC Code: 7261
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1999
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 2320
 Air District Name: BA
 SIC Code: 7261
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2000
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 2320
 Air District Name: BA
 SIC Code: 7261
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2001
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 2320
 Air District Name: BA
 SIC Code: 7261
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OAK VIEW MEMORIAL PARK (Continued)

1005774686

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2002
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	2320
Air District Name:	BA
SIC Code:	7261
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2003
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	2320
Air District Name:	BA
SIC Code:	7261
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2004
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	2320
Air District Name:	BA
SIC Code:	7261
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.006
Reactive Organic Gases Tons/Yr:	0.0009858
Carbon Monoxide Emissions Tons/Yr:	0.038
NOX - Oxides of Nitrogen Tons/Yr:	0.156
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.004
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0.004

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OAK VIEW MEMORIAL PARK (Continued)

1005774686

Year: 2005
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 2320
 Air District Name: BA
 SIC Code: 7261
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .005
 Reactive Organic Gases Tons/Yr: .0008215
 Carbon Monoxide Emissions Tons/Yr: .034
 NOX - Oxides of Nitrogen Tons/Yr: .135
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: .003
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .003

**D9
 NNE
 1/2-1
 2779 ft.**

**WAYNE E SWISHER CEMENT CONTRACTOR INC
 2620 18TH ST E
 ANTIOCH, CA**

**CONTRA COSTA CO. SITE LIST S102259791
 N/A**

Site 1 of 4 in cluster D

**Relative:
 Higher**

CONTRA COSTA CO. SITE LIST:

**Actual:
 44 ft.**

Region: CONTRA COSTA
 Facility ID: 770219
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp, AGT
 Generator Fee Item: No
 Inactive Date: Not reported

**D10
 NNE
 1/2-1
 2779 ft.**

**SWISHER CEMENT CONTRACTOR INC
 2620 E 18TH ST
 ANTIOCH, CA 94509**

**HAZNET S101580933
 CA FID UST
 SWEEPS UST N/A**

Site 2 of 4 in cluster D

**Relative:
 Higher**

HAZNET:

**Actual:
 44 ft.**

Gepaid: CAL000209289
 Contact: WAYNE E SWISHER-OWNER
 Telephone: 9257573660
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2620 E 18TH ST
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: Contra Costa
 TSD EPA ID: Not reported
 TSD County: Sacramento
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Transfer Station
 Tons: 0.22
 Facility County: Not reported

Gepaid: CAL000209289
 Contact: WAYNE E SWISHER-OWNER

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SWISHER CEMENT CONTRACTOR INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

S101580933

Telephone: 9257573660
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2620 E 18TH ST
Mailing City,St,Zip: ANTIOCH, CA 945090000
Gen County: Contra Costa
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 0.12
Facility County: Not reported

CA FID UST:

Facility ID: 07001054
Regulated By: UTKNI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4157573660
Mail To: Not reported
Mailing Address: 2620 E 18TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: ANTIOCH 94509
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:

Status: Not reported
Comp Number: 70219
Number: Not reported
Board Of Equalization: 44-002663
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-070219-000001
Actv Date: Not reported
Capacity: 1000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D11
NNE
1/2-1
2782 ft.

WM G MCCULLOUGH CO.
2625 E 18TH ST
ANTIOCH, CA 94531

HAZNET
CA FID UST
SWEEPS UST

S101581030
N/A

Site 3 of 4 in cluster D

Relative:
Higher

HAZNET:

Actual:
44 ft.

Gepaid: CAL000117796
 Contact: WILLIAM G MCCULLOUGH CO
 Telephone: 9257571394
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 2119
 Mailing City,St,Zip: ANTIOCH, CA 945312119
 Gen County: 7
 TSD EPA ID: CAD980887418
 TSD County: 1
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: .2085
 Facility County: 7

Gepaid: CAL000117796
 Contact: WILLIAM G MCCULLOUGH CO
 Telephone: 9257571394
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 2119
 Mailing City,St,Zip: ANTIOCH, CA 945312119
 Gen County: 7
 TSD EPA ID: CAD009466392
 TSD County: 7
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Tons: 23.0000
 Facility County: 7

Gepaid: CAL000117796
 Contact: WILLIAM G MCCULLOUGH CO
 Telephone: 9257571394
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 2119
 Mailing City,St,Zip: ANTIOCH, CA 945312119
 Gen County: 7
 TSD EPA ID: CAD059494310
 TSD County: Santa Clara
 Waste Category: Empty containers less than 30 gallons
 Disposal Method: Transfer Station
 Tons: .5000
 Facility County: 7

Gepaid: CAL000117796
 Contact: WILLIAM G MCCULLOUGH CO
 Telephone: 9257571394
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 2119
 Mailing City,St,Zip: ANTIOCH, CA 945312119

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WM G MCCULLOUGH CO. (Continued)

S101581030

Gen County: 7
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .7500
Facility County: 7

Gepaid: CAL000117796
Contact: WILLIAM G MCCULLOUGH CO
Telephone: 9257571394
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2119
Mailing City,St,Zip: ANTIOCH, CA 945312119
Gen County: 7
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: .2500
Facility County: 7

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

CA FID UST:

Facility ID: 07001205
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 5107571394
Mail To: Not reported
Mailing Address: 2625 E 18TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: ANTIOCH 94531
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 3416
Number: 1
Board Of Equalization: 44-002189
Ref Date: 02-12-92
Act Date: 02-12-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 07-000-003416-000001

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WM G MCCULLOUGH CO. (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site _____ S101581030

Actv Date: 02-12-92
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 6

Status: A
Comp Number: 3416
Number: 1
Board Of Equalization: 44-002189
Ref Date: 02-12-92
Act Date: 02-12-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 07-000-003416-000002
Actv Date: 02-12-92
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: A
Comp Number: 3416
Number: 1
Board Of Equalization: 44-002189
Ref Date: 02-12-92
Act Date: 02-12-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 07-000-003416-000003
Actv Date: 02-12-92
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: A
Comp Number: 3416
Number: 1
Board Of Equalization: 44-002189
Ref Date: 02-12-92
Act Date: 02-12-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 07-000-003416-000004
Actv Date: 02-12-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WM G MCCULLOUGH CO. (Continued)

S101581030

Status: A
 Comp Number: 3416
 Number: 1
 Board Of Equalization: 44-002189
 Ref Date: 02-12-92
 Act Date: 02-12-92
 Created Date: 07-22-88
 Tank Status: A
 Owner Tank Id: 5
 Swrcb Tank Id: 07-000-003416-000005
 Actv Date: 02-12-92
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: A
 Comp Number: 3416
 Number: 1
 Board Of Equalization: 44-002189
 Ref Date: 02-12-92
 Act Date: 02-12-92
 Created Date: 07-22-88
 Tank Status: A
 Owner Tank Id: 6
 Swrcb Tank Id: 07-000-003416-000006
 Actv Date: 02-12-92
 Capacity: 3000
 Tank Use: OIL
 Stg: W
 Content: WASTE OIL
 Number Of Tanks: Not reported

D12
NNE
1/2-1
2782 ft.

WILLIAM G MCCULLOUGH CO
2625 18TH ST E
ANTIOCH, CA

CONTRA COSTA CO. SITE LIST **S102259792**
N/A

Site 4 of 4 in cluster D

Relative:
Higher

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 703416
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp, AGT
 Generator Fee Item: No
 Inactive Date: Not reported

Actual:
44 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C13
NNW
1/2-1
2792 ft.

2415 E. 18TH ST
ANTIOCH, CA 94506

CDL S107531560
N/A

Relative:
Higher

Site 3 of 4 in cluster C

CDL:
 Facility ID: 199804112
 Date: 1998-04-24 00:00:00
 Abandoned Waste: Yes
 Illegal Drug Lab: Not reported
 Mobile Lab: Not reported

Actual:
49 ft.

14
North
1/2-1
2875 ft.

WILLIAM G. MCCULLOUGH CO.
VICTORY HIWAY / WILLOW AVE
ANTIOCH, CA 94509

HIST UST U001596252
N/A

Relative:
Higher

HIST UST:
 Region: STATE
 Facility ID: 00000003416
 Tank Num: 001
 Container Num: 01
 Year Installed: 1975
 Tank Capacity: 00008000
 Facility Type: Other
 Other Type: Not reported
 Total Tanks: 0010
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: 1/4 inches
 Leak Detection: Stock Inventor
 Contact Name: Not reported
 Telephone: 4157571394
 Owner Name: WILLIAM G. MCCULLOUGH CO., A C
 Owner Address: VICTORY HIWAY AT WILLOW AVE.
 Owner City,St,Zip: ANTIOCH, CA 94509

Actual:
45 ft.

Region: STATE
 Facility ID: 00000003416
 Tank Num: 002
 Container Num: 02
 Year Installed: 1975
 Tank Capacity: 00008000
 Facility Type: Other
 Other Type: Not reported
 Total Tanks: 0010
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 1/4 inches
 Leak Detection: Stock Inventor
 Contact Name: Not reported
 Telephone: 4157571394
 Owner Name: WILLIAM G. MCCULLOUGH CO., A C
 Owner Address: VICTORY HIWAY AT WILLOW AVE.
 Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
 Facility ID: 00000003416
 Tank Num: 003

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WILLIAM G. MCCULLOUGH CO. (Continued)

U001596252

Container Num: 03
Year Installed: 1975
Tank Capacity: 00008000
Facility Type: Other
Other Type: Not reported
Total Tanks: 0010
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor
Contact Name: Not reported
Telephone: 4157571394
Owner Name: WILLIAM G. MCCULLOUGH CO., A C
Owner Address: VICTORY HIWAY AT WILLOW AVE.
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000003416
Tank Num: 004
Container Num: 04
Year Installed: 1979
Tank Capacity: 00010000
Facility Type: Other
Other Type: Not reported
Total Tanks: 0010
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor
Contact Name: Not reported
Telephone: 4157571394
Owner Name: WILLIAM G. MCCULLOUGH CO., A C
Owner Address: VICTORY HIWAY AT WILLOW AVE.
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000003416
Tank Num: 005
Container Num: 05
Year Installed: 1979
Tank Capacity: 00010000
Facility Type: Other
Other Type: Not reported
Total Tanks: 0010
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor
Contact Name: Not reported
Telephone: 4157571394
Owner Name: WILLIAM G. MCCULLOUGH CO., A C
Owner Address: VICTORY HIWAY AT WILLOW AVE.
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000003416
Tank Num: 006

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WILLIAM G. MCCULLOUGH CO. (Continued)

U001596252

Container Num: 06
Year Installed: 1975
Tank Capacity: 00003000
Facility Type: Other
Other Type: Not reported
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: 3/16 inches
Leak Detection: Stock Inventor
Contact Name: Not reported
Telephone: 4157571394
Owner Name: WILLIAM G. MCCULLOUGH CO., A C
Owner Address: VICTORY HIWAY AT WILLOW AVE.
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000003416
Tank Num: 007
Container Num: 07
Year Installed: 1976
Tank Capacity: 00000000
Facility Type: Other
Other Type: Not reported
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None
Contact Name: Not reported
Telephone: 4157571394
Owner Name: WILLIAM G. MCCULLOUGH CO., A C
Owner Address: VICTORY HIWAY AT WILLOW AVE.
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000003416
Tank Num: 008
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001100
Facility Type: Other
Other Type: Not reported
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor
Contact Name: Not reported
Telephone: 4157571394
Owner Name: WILLIAM G. MCCULLOUGH CO., A C
Owner Address: VICTORY HIWAY AT WILLOW AVE.
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000003416
Tank Num: 009

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WILLIAM G. MCCULLOUGH CO. (Continued)

U001596252

Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000500
Facility Type: Other
Other Type: Not reported
Total Tanks: 0010
Tank Used for: Not reported
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None
Contact Name: Not reported
Telephone: 4157571394
Owner Name: WILLIAM G. MCCULLOUGH CO., A C
Owner Address: VICTORY HIWAY AT WILLOW AVE.
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000003416
Tank Num: 010
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00001500
Facility Type: Other
Other Type: Not reported
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4157571394
Owner Name: WILLIAM G. MCCULLOUGH CO., A C
Owner Address: VICTORY HIWAY AT WILLOW AVE.
Owner City,St,Zip: ANTIOCH, CA 94509

**E15
East
1/2-1
2917 ft.**

**P G & E OAKLEY RD METER SITE
OAKLEY RD NR PHILLIPS LN
ANTIOCH, CA 94509**

**RCRA-SQG 1000597282
FINDS CAD983612854**

**Relative:
Higher**

Site 1 of 3 in cluster E

**Actual:
75 ft.**

RCRAInfo:
Owner: PACIFIC GAS AND ELECTRIC CO
(510) 974-4073
EPA ID: CAD983612854
Contact: Not reported
Classification: Small Quantity Generator
TSD Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

P G & E OAKLEY RD METER SITE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Violation Status: No violations found

1000597282

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

F16
NNE
1/2-1
2919 ft.

CONSTRUCTION DRILLING EQUIPMENT
2770 18TH ST E
ANTIOCH, CA 94509

CONTRA COSTA CO. SITE LIST

S104532776
N/A

Site 1 of 8 in cluster F

Relative:
Higher

CONTRA COSTA CO. SITE LIST:

Actual:
49 ft.

Region: CONTRA COSTA
 Facility ID: 772936
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp, AGT
 Generator Fee Item: No
 Inactive Date: Not reported

C17
North
1/2-1
2919 ft.

HOLY CROSS CEMETERY
2200 E 018TH ST
ANTIOCH, CA 94509

CONTRA COSTA CO. SITE LIST
SWEEPS UST

S101629580
N/A

Site 4 of 4 in cluster C

Relative:
Higher

CA FID UST:

Actual:
50 ft.

Facility ID: 07000961
 Regulated By: UTNKI
 Regulated ID: Not reported
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 4157570658
 Mail To: Not reported
 Mailing Address: 1965 RELIEZ VALLEY RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: ANTIOCH 94509
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HOLY CROSS CEMETERY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101629580

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 759282
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: UST
 Generator Fee Item: No
 Inactive Date: 1987-01-05 00:00:00

SWEEPS UST:

Status: Not reported
 Comp Number: 59282
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 07-000-059282-000001
 Actv Date: Not reported
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: 1

**F18
 NNE
 1/2-1
 2986 ft.**

**INDUSTRIAL OIL COMPANY
 2800 E 18TH ST
 ANTIOCH, CA 94509**

**HAZNET
 CA FID UST
 SWEEPS UST**

**S101581102
 N/A**

Site 2 of 8 in cluster F

**Relative:
 Higher**

**Actual:
 53 ft.**

HAZNET:
 Gepaid: CAC002311121
 Contact: JOHN HOLDERMAN- BIO CLEAN INC
 Telephone: 9257799501
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2800 E 18TH ST
 Mailing City,St,Zip: ANTIOCH, CA 945310000
 Gen County: Contra Costa
 TSD EPA ID: Not reported
 TSD County: Contra Costa
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Tons: 3.00
 Facility County: Not reported

CA FID UST:

Facility ID: 07001405
 Regulated By: UTNKA
 Regulated ID: Not reported
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 4157576564

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

INDUSTRIAL OIL COMPANY (Continued)

S101581102

Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: ANTIOCH 94509
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 44914
Number: 1
Board Of Equalization: 44-002178
Ref Date: 01-29-92
Act Date: 01-29-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 07-000-044914-000001
Actv Date: 01-29-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 3

Status: A
Comp Number: 44914
Number: 1
Board Of Equalization: 44-002178
Ref Date: 01-29-92
Act Date: 01-29-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 07-000-044914-000002
Actv Date: 01-29-92
Capacity: 5000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 44914
Number: 1
Board Of Equalization: 44-002178
Ref Date: 01-29-92
Act Date: 01-29-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 07-000-044914-000003

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INDUSTRIAL OIL COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101581102

Actv Date: 01-29-92
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

**F19
NNE
1/2-1
2986 ft.**

**REDDING PETROLEUM INC
2800 E 18TH ST
ANTIOCH, CA 94509**

CONTRA COSTA CO. SITE LIST

**UST U003784167
N/A**

Site 3 of 8 in cluster F

**Relative:
Higher**

UST:
Region: STATE
Local Agency: 07000
Facility ID: 744914

**Actual:
53 ft.**

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 744914
Facility Status: INACTIVE
Tier: Not reported
Program Status: UST, Hmmp
Generator Fee Item: Yes
Inactive Date: 2002-01-04 00:00:00

**F20
NNE
1/2-1
2986 ft.**

**LP'S TRUCK REPAIR
2800 EAST 18TH ST
ANTIOCH, CA 94509**

**HAZNET S104583728
N/A**

Site 4 of 8 in cluster F

**Relative:
Higher**

HAZNET:
Gepaid: CAL923293883
Contact: LENNY POOL
Telephone: 5107786565
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 562
Mailing City,St,Zip: OAKLEY, CA 945610562
Gen County: 7
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.1042
Facility County: 7

**Actual:
53 ft.**

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

F21 NNE 1/2-1 2986 ft.	MOBILE VEHICLE MAINTENANCE 2800 18TH ST E ANTIOCH, CA 94509 Site 5 of 8 in cluster F Relative: Higher Actual: 53 ft.	CONTRA COSTA CO. SITE LIST	S102259794 N/A
	CONTRA COSTA CO. SITE LIST: Region: CONTRA COSTA Facility ID: 771550 Facility Status: INACTIVE Tier: Not reported Program Status: Hmmp Generator Fee Item: Yes Inactive Date: 2005-01-25 00:00:00		

22 NNE 1/2-1 3039 ft.	ENVIROCLEAN INC 2820 18TH ST ANTIOCH, CA 94509 Relative: Higher Actual: 54 ft.	CONTRA COSTA CO. SITE LIST	S104732991 N/A
	CONTRA COSTA CO. SITE LIST: Region: CONTRA COSTA Facility ID: 772972 Facility Status: INACTIVE Tier: Not reported Program Status: Not reported Generator Fee Item: Yes Inactive Date: 2002-01-01 00:00:00		

G23 NNW 1/2-1 3073 ft.	HOLY CROSS CEMETERY 2200 E 18TH ST ANTIOCH, CA 94509 Site 1 of 2 in cluster G Relative: Higher Actual: 49 ft.	HIST UST	U001596226 N/A
	HIST UST: Region: STATE Facility ID: 00000059282 Tank Num: 001 Container Num: UL H710677 Year Installed: 1979 Tank Capacity: 00000550 Facility Type: Other Other Type: CEMETERY Total Tanks: 0001 Tank Used for: PRODUCT Type of Fuel: REGULAR Tank Construction: Not reported Leak Detection: Stock Inventor Contact Name: SHIRLEY GOODNER, Telephone: 4157570658 Owner Name: ROMAN CATHOLIC BISHOP OF OAKLA Owner Address: 1965 RELIEZ VALLEY ROAD Owner City,St,Zip: LAFAYETTE, CA 94549		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

F24 **SUN CHEMICAL** **CONTRA COSTA CO. SITE LIST** **S105850312**
NNE **1781 VINEYARD DR #100**
1/2-1 **ANTIOCH, CA**
3084 ft.

Site 6 of 8 in cluster F

Relative:
Higher

CONTRA COSTA CO. SITE LIST:

Actual:
53 ft.

Region: CONTRA COSTA
 Facility ID: 773236
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

F25 **SUN CHEMICAL** **EMI** **S106249222**
NNE **1781 VINEYARD DR, SUITE 100**
1/2-1 **ANTIOCH, CA 94509**
3084 ft.

Site 7 of 8 in cluster F

Relative:
Higher

EMI:

Actual:
53 ft.

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	15039
Air District Name:	BA
SIC Code:	2819
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2003
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	15039
Air District Name:	BA
SIC Code:	2819
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2004
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	15039

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SUN CHEMICAL (Continued)

S106249222

Air District Name: BA
 SIC Code: 2819
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1.768
 Reactive Organic Gases Tons/Yr: 1.2478
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2005
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 15039
 Air District Name: BA
 SIC Code: 2819
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1.768
 Reactive Organic Gases Tons/Yr: 1.2478
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

F26
NNE
1/2-1
3084 ft.

SUN CHEMICAL
1781 VINEYARD DR
ANTIOCH, CA 94509

FINDS 1008241977
110021330415

Site 8 of 8 in cluster F

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
53 ft.

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

G27
NNW
1/2-1
3098 ft.

ALMOND ORCHARD
2101 E. 18TH STREET
ANTIOCH, CA 94509

VCP S106152505
ENVIROSTOR N/A

Site 2 of 2 in cluster G

Relative:
Higher

VCP:
 Facility ID: 07010011
 Site Type: Voluntary Cleanup
 Site Type Detail: Voluntary Cleanup

Actual:
49 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ALMOND ORCHARD (Continued)

S106152505

Acres: 8.78
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: Not reported
Project Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: North Coast
Site Code: 201530
Assembly: 11
Senate: 07
Status: Certified
Status Date: 2005-06-13 00:00:00
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 38.006 / -121.7769
Alias Name: Not reported
Alias Type: Not reported
APN: 051-100-022-6, 051-100-023-4
APN Description: Not reported
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: 31000
Confirmed Description: No Contaminants found
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED,31000
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: SOIL
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: AGRICULTURAL - ORCHARD

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 8.78
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: North Coast
Facility ID: 07010011

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ALMOND ORCHARD (Continued)

S106152505

Site Code: 201530
 Assembly: 11
 Senate: 07
 Special Program: Designation of Single Agency
Status: Certified
 Status Date: 2005-06-13 00:00:00
 Restricted Use: NO
 Funding: Responsible Party
 Latitude: 38.006
 Longitude: -121.7769
 Alias Name: Not reported
 Alias Type: Not reported
 APN: 051-100-022-6, 051-100-023-4
 APN Description: Not reported
 APN Description: Not reported
 Comments: Not reported
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Confirmed: 31000
 Confirmed Description: No Contaminants found
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: NONE SPECIFIED,31000
 Media Affected Desc: Not reported
 Media Affected Desc: Not reported
 Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: SOIL
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: AGRICULTURAL - ORCHARD

E28
East
1/2-1
3174 ft.

PACIFIC GAS & ELECTRIC COMPANY
OAKLEY RD & PHILLIPS LN
ANTIOCH, CA 94509

FINDS 1006824694
SLIC 110013832996
EMI

Site 2 of 3 in cluster E

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
79 ft.

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

SLIC:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC GAS & ELECTRIC COMPANY (Continued)

1006824694

Region: 5
Facility Status: RI
Unit: Facility is a Spill or site
Pollutant: TPH-d,g
Lead Agency: MES
Date Filed: / /
Report Date: / /
Date Added: Not reported
Date Closed: Not reported

EMI:

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 11250
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 11250
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 7
Air Basin: SF
Facility ID: 11250
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PACIFIC GAS & ELECTRIC COMPANY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1006824694

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
 Year:	 2001
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	11250
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
 Year:	 2002
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	11250
Air District Name:	BA
SIC Code:	4923
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
 Year:	 2003
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	11250
Air District Name:	BA
SIC Code:	4923
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
 Year:	 2004

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PACIFIC GAS & ELECTRIC COMPANY (Continued)

1006824694

Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 11250
 Air District Name: BA
 SIC Code: 4923
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0.482
 Reactive Organic Gases Tons/Yr: 0.3367252
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2005
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 11250
 Air District Name: BA
 SIC Code: 4923
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .756
 Reactive Organic Gases Tons/Yr: .5281416
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

E29
East
1/2-1
3178 ft.

OAKLEY ROAD METERING SITE
OAKLEY RD. / PHILLIPS LN.
ANTIOCH, CA 94509

ENVIROSTOR S101479973
N/A

Site 3 of 3 in cluster E

Relative:
Higher

ENVIROSTOR:
 Site Type: Evaluation
 Site Type Detailed: Evaluation
 Acres: 0.7
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: North Coast
 Facility ID: 07490002
 Site Code: Not reported
 Assembly: 11
 Senate: 07
 Special Program: Not reported
Status: Refer: RWQCB
 Status Date: 2002-08-28 00:00:00
 Restricted Use: NO
 Funding: Not reported

Actual:
79 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OAKLEY ROAD METERING SITE (Continued)

S101479973

Latitude: 37.9975
 Longitude: -121.759722222222
 Alias Name: Not reported
 Alias Type: Not reported
 APN: NONE SPECIFIED
 APN Description: Not reported
 Comments: Not reported
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Confirmed: NONE SPECIFIED
 Confirmed Description: Not reported
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: 10009, 30018
 Media Affected Desc: Not reported
 Media Affected Desc: Not reported
 Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: NONE SPECIFIED
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: NONE SPECIFIED

**30
 NW
 1/2-1
 3460 ft.**

**EVANGELHO RESIDENCE
 1840 18TH ST E
 ANTIOCH, CA 94509**

CONTRA COSTA CO. SITE LIST

**S106434264
 N/A**

**Relative:
 Higher**

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 773335
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: UST
 Generator Fee Item: No
 Inactive Date: 2004-03-22 00:00:00

**Actual:
 53 ft.**

**31
 NE
 1/2-1
 3561 ft.**

**CITY OF ANTIOCH
 3100 18TH ST E
 ANTIOCH, CA 94509**

CONTRA COSTA CO. SITE LIST

**S106044928
 N/A**

**Relative:
 Higher**

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 773285
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: UST

**Actual:
 45 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CITY OF ANTIOCH (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Generator Fee Item: No
 Inactive Date: 2003-10-15 00:00:00

S106044928

32
North
1/2-1
3659 ft.

1966 VINE LANE
ANTIOCH, CA 94509

CDL S107530402
N/A

Relative:
Equal

CDL:
 Facility ID: 200003168
 Date: 2000-03-27 00:00:00

Actual:
41 ft.

Abandoned Waste: Not reported
 Illegal Drug Lab: Yes
 Mobile Lab: Not reported

H33
NNE
1/2-1
3674 ft.

CONSTRUCTION ENGINEER SERVICES
1671 VINYARD DR
ANTIOCH, CA 94509

HAZNET S105725867
N/A

Site 1 of 2 in cluster H

Relative:
Lower

HAZNET:
 Gepaid: CAL000229920
 Contact: JAMES LEONARD
 Telephone: 9257761900
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1671 VINEYARD DR
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: Contra Costa
 TSD EPA ID: Not reported
 TSD County: Alameda
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: 0.41
 Facility County: Not reported

Actual:
32 ft.

H34
NNE
1/2-1
3678 ft.

CONSTRUCTION ENGINEERING SVCS
1671 VINEYARD DR
ANTIOCH, CA 94509

CONTRA COSTA CO. SITE LIST S102261691
N/A

Site 2 of 2 in cluster H

Relative:
Lower

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 772238
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: Not reported
 Generator Fee Item: Yes
 Inactive Date: 2004-08-19 00:00:00

Actual:
32 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

I35
North
1/2-1
3682 ft.

LAURITZEN YACHT HARBOR
RTE 1
ANTIOCH, CA 94509

LUST **S101294049**
Cortese **N/A**

Site 1 of 5 in cluster I

Relative:
Lower

LUST:

Actual:
40 ft.

Region: STATE
 Case Type: Soil only
 Cross Street: BRIDGEHEAD RD
 Enf Type: None Taken
 Funding: Not reported
 How Discovered: Inventory Control
 How Stopped: Not reported
 Leak Cause: Structure Failure
 Leak Source: Tank
 Global Id: T0601300777
 Stop Date: 1987-12-28 00:00:00
 Confirm Leak: 1988-01-02 00:00:00
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1997-12-02 00:00:00
 Discover Date: 1987-12-11 00:00:00
 Enforcement Dt: 1965-01-01 00:00:00
 Release Date: 1988-01-02 00:00:00
 Review Date: 1997-12-04 00:00:00
 Enter Date: 1991-01-29 00:00:00
 MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Max MTBE GW ppb: Not reported
 Max MTBE Soil ppb: Not reported
 County: 07
 Org Name: Not reported
 Reg Board: 5S
 Status: Case Closed
 Chemical: Gasoline
 Contact Person: Not reported
 Responsible Party: LAURITZEN YACHT HARBOR
 RP Address: ROUTE 1 BOX 515, ANTIOCH, CA 94509
 Interim: Not reported
 Oversight Prgm: LUST
 MTBE Class: *
 MTBE Conc: 0
 MTBE Fuel: 1
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Staff: PMV
 Staff Initials: BRU
 Lead Agency: Regional Board
 Local Agency: 07000
 Hydr Basin #: SAN JOAQUIN VALLEY (
 Beneficial: Not reported
 Priority: 2
 Cleanup Fund Id: Not reported
 Work Suspended: No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAURITZEN YACHT HARBOR (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101294049

Local Case #: Not reported
Case Number: 070054
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: A 2000 GAL TANK REMOVED DEC'87 & A 1000 GAL TANK REMOVED IN '89. CONTAM SOIL AERATED ON SITE. A NEW 6000 GAL TANK WAS INSTALLED IN JUL'89. ANY REMAINING HC'S POSE NO THREAT TO GW.....

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: None Taken
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: UNK
Global Id: T0601300786
Stop Date: Not reported
Confirm Leak: 1991-10-31 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 1991-10-15 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-12-02 00:00:00
Discover Date: 1991-10-15 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 1991-10-31 00:00:00
Review Date: 1997-12-03 00:00:00
Enter Date: 1992-03-30 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 07
Org Name: Not reported
Reg Board: 5S
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: LLOYD'S HOLIDAY HARBOR
RP Address: ROUTE 1 553 WILBUR AVE,ANTIOCH,CA 94509
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAURITZEN YACHT HARBOR (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101294049

Staff: PMV
Staff Initials: MAR
Lead Agency: Regional Board
Local Agency: 07000
Hydr Basin #: SAN JOAQUIN VALLEY (
Beneficial: Not reported
Priority: 2
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 070067
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: MIKE FLEMING
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ONE 1000 & A 2000 GAL GAS TANKS WERE REMOVE OCT'91. SAMPLES WERE ND FOR TPH BUT TOLUENE WAS UP TO 45 UG/KG. CONTAM SOIL WAS AERATED ON SITE. GW WAS NOT ENCOUNTERED.....

LUST:

Region: 5
Case Number: 070067
Staff Initials: PMV
Substance: GASOLINE
Case Type: Soil only
Status: Case Closed
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

Region: 5
Case Number: 070054
Staff Initials: PMV
Substance: GASOLINE
Case Type: Soil only
Status: Case Closed
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

Cortese:

Region: CORTESE
Facility Addr2: RTE 1

Region: CORTESE
Facility Addr2: RTE 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

I36
North
1/2-1
3682 ft.

JOSE AGUIAR REIS
RT1 BOX 447-B
ANTIOCH, CA 94509

RCRA-SQG **1000195191**
FINDS **CAD981982671**

Site 2 of 5 in cluster I

Relative:
Lower

RCRAInfo:

Owner: REIS ALFREDO CO
 (415) 555-1212

Actual:
40 ft.

EPA ID: CAD981982671

Contact: ENVIRONMENTAL MANAGER
 (415) 778-7347

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

37
NW
1/2-1
3831 ft.

CORNERSTONE CHRISTIAN CENTER
1745 E 18TH STREET
ANTIOCH, CA 94509

HAZNET **S108203693**
N/A

Relative:
Higher

HAZNET:

Gepaid: CAC002580792
 Contact: STEVE MINER/ASSOC PASTOR

Actual:
44 ft.

Telephone: 9257540707

Facility Addr2: Not reported

Mailing Name: Not reported

Mailing Address: 1745 E 18TH STREET

Mailing City,St,Zip: ANTIOCH, CA 94509

Gen County: Contra Costa

TSD EPA ID: CAD982042475

TSD County: Solano

Waste Category: Asbestos-containing waste

Disposal Method: Disposal, Land Fill

Tons: 10.95

Facility County: Not reported

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
I38	North	1/2-1	3832 ft.		1588 VIERRA AVENUE ANTIOCH, CA 94509 Site 3 of 5 in cluster I	CDL	S107529208	N/A
	Relative:	Equal			CDL: Facility ID: 199904013 Date: 1999-04-02 00:00:00 Abandoned Waste: Not reported Illegal Drug Lab: Yes Mobile Lab: Not reported			
	Actual:	41 ft.						
I39	North	1/2-1	3832 ft.		1588 VIERA AVE OAKLEY, CA 94561 Site 4 of 5 in cluster I	CDL	S107529207	N/A
	Relative:	Equal			CDL: Facility ID: 199909151 Date: 1999-09-23 00:00:00 Abandoned Waste: Not reported Illegal Drug Lab: Yes Mobile Lab: Not reported			
	Actual:	41 ft.						
I40	North	1/2-1	3832 ft.		1588 VIERA AVE ANTIOCH, CA 94509 Site 5 of 5 in cluster I	CDL	S107529206	N/A
	Relative:	Equal			CDL: Facility ID: 200007133 Date: 2000-07-24 00:00:00 Abandoned Waste: Not reported Illegal Drug Lab: Yes Mobile Lab: Not reported			
	Actual:	41 ft.						
J41	NE	1/2-1	3978 ft.		PECKHAM PROPERTY 3215 18TH ST E ANTIOCH, CA 94509 Site 1 of 8 in cluster J	LUST Cortese CONTRA COSTA CO. SITE LIST	S104403147	N/A
	Relative:	Higher			LUST: Region: STATE Case Type: Soil only Cross Street: Not reported Enf Type: None Taken Funding: Not reported How Discovered: Not reported How Stopped: Not reported Leak Cause: Not reported Leak Source: Not reported Global Id: T0601300779 Stop Date: Not reported			
	Actual:	43 ft.						

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PECKHAM PROPERTY (Continued)

S104403147

Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 1990-10-11 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-01-27 00:00:00
Discover Date: Not reported
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 1990-10-16 00:00:00
Review Date: 1997-12-12 00:00:00
Enter Date: 1991-03-04 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 07
Org Name: Not reported
Reg Board: 5S
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: PECKHAM, DON
RP Address: Not reported
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: PMV
Staff Initials: BRU
Lead Agency: Local Agency
Local Agency: 07000
Hydr Basin #: SAN JOAQUIN VALLEY (
Beneficial: Not reported
Priority: 3
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 070057
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: SCOOP-N-RUN

LUST:

Region: 5
Case Number: 070057
Staff Initials: PMV

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PECKHAM PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

S104403147

Substance: GASOLINE
Case Type: Soil only
Status: Case Closed
Lead Agency: Local
Program: LUST
MTBE Code: N/A

Cortese:

Region: CORTESE
Facility Addr2: 3215 18TH ST E

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 770782
Facility Status: INACTIVE
Tier: Not reported
Program Status: UST
Generator Fee Item: No
Inactive Date: 1990-09-12 00:00:00

42
NE
1/2-1
3988 ft.

STROER AND GAFF INC
1830 PHILLIPS
ANTIOCH, CA 94509

HAZNET
CONTRA COSTA CO. SITE LIST

S102259932
N/A

Relative:
Higher

HAZNET:

Gepaid: CAL000057277
Contact: STOER & GRAFF INC.
Telephone: 9257780200
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1830 PHILLIPS
Mailing City,St,Zip: ANTIOCH, CA 945090000
Gen County: 7
TSD EPA ID: CAD982446866
TSD County: Solano
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: .3753
Facility County: 7

Actual:
43 ft.

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 772165
Facility Status: INACTIVE
Tier: Not reported
Program Status: Hmmp
Generator Fee Item: Yes
Inactive Date: 2001-02-01 00:00:00

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site
 Database(s)
 EDR ID Number
 EPA ID Number

J43 **B J'S TOW** **CONTRA COSTA CO. SITE LIST** **S103464169**
NE **3235 18TH ST E** **N/A**
1/2-1 **ANTIOCH, CA**
4028 ft.
Site 2 of 8 in cluster J
Relative: **CONTRA COSTA CO. SITE LIST:**
Higher **Region:** **CONTRA COSTA**
Actual: **Facility ID:** **772673**
43 ft. **Facility Status:** **ACTIVE**
 Tier: **Not reported**
 Program Status: **HWG**
 Generator Fee Item: **No**
 Inactive Date: **Not reported**

J44 **ARROW HEAD TOWING, INC** **CONTRA COSTA CO. SITE LIST** **S103464170**
NE **3245 18TH ST E** **N/A**
1/2-1 **ANTIOCH, CA**
4051 ft.
Site 3 of 8 in cluster J
Relative: **CONTRA COSTA CO. SITE LIST:**
Higher **Region:** **CONTRA COSTA**
Actual: **Facility ID:** **772674**
43 ft. **Facility Status:** **ACTIVE**
 Tier: **Not reported**
 Program Status: **HWG, Hmmp**
 Generator Fee Item: **No**
 Inactive Date: **Not reported**

J45 **FUHRER PAINT WERKZ** **CONTRA COSTA CO. SITE LIST** **S103464171**
NE **3257 18TH ST E** **N/A**
1/2-1 **ANTIOCH, CA**
4084 ft.
Site 4 of 8 in cluster J
Relative: **CONTRA COSTA CO. SITE LIST:**
Higher **Region:** **CONTRA COSTA**
Actual: **Facility ID:** **772672**
43 ft. **Facility Status:** **ACTIVE**
 Tier: **Not reported**
 Program Status: **HWG**
 Generator Fee Item: **No**
 Inactive Date: **Not reported**

J46 **A & S TRANSMISSION** **CONTRA COSTA CO. SITE LIST** **S105455116**
NE **3261 18TH ST E** **N/A**
1/2-1 **ANTIOCH, CA**
4092 ft.
Site 5 of 8 in cluster J
Relative: **CONTRA COSTA CO. SITE LIST:**
Higher **Region:** **CONTRA COSTA**
Actual: **Facility ID:** **771563**
43 ft. **Facility Status:** **ACTIVE**
 Tier: **Not reported**
 Program Status: **HWG, Hmmp**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

A & S TRANSMISSION (Continued)

EDR ID Number
 EPA ID Number

S105455116

Generator Fee Item: No
 Inactive Date: Not reported

**J47
 NE
 1/2-1
 4120 ft.**

**A-1 TUNE & REPAIR
 3275 18TH ST E
 ANTIOCH, CA**

CONTRA COSTA CO. SITE LIST

**S103464172
 N/A**

Site 6 of 8 in cluster J

**Relative:
 Higher**

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 772670
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

**Actual:
 43 ft.**

**J48
 NE
 1/2-1
 4126 ft.**

**RICK'S AUTOMOTIVE CENTER
 3277 E 18TH ST
 ANTIOCH, CA 94509**

**HAZNET
 CONTRA COSTA CO. SITE LIST**

**S102259796
 N/A**

Site 7 of 8 in cluster J

**Relative:
 Higher**

HAZNET:
 Gepaid: CAL000204959
 Contact: CLYDE MAHONEY
 Telephone: 9257546991
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 3277 E 18TH ST
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: Contra Costa
 TSD EPA ID: CA0000084517
 TSD County: Contra Costa
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: 0.43
 Facility County: 7

**Actual:
 42 ft.**

Gepaid: CAL000204959
 Contact: CLYDE MAHONEY
 Telephone: 9257546991
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 3277 E 18TH ST
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: Contra Costa
 TSD EPA ID: CA0000084517
 TSD County: Sacramento
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: 0.1
 Facility County: Not reported

Gepaid: CAL000204959

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RICK'S AUTOMOTIVE CENTER (Continued)

S102259796

Contact: CLYDE MAHONEY
 Telephone: 9257546991
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 3277 E 18TH ST
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: Contra Costa
 TSD EPA ID: Not reported
 TSD County: Sacramento
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: 0.01
 Facility County: Not reported

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 771576
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

**J49
 NE
 1/2-1
 4174 ft.**

**D & K AUTOMOTIVE
 3291 18TH ST E
 ANTIOCH, CA**

**CONTRA COSTA CO. SITE LIST S104732995
 N/A**

Site 8 of 8 in cluster J

**Relative:
 Equal**

CONTRA COSTA CO. SITE LIST:

**Actual:
 41 ft.**

Region: CONTRA COSTA
 Facility ID: 772980
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

**K50
 NE
 1/2-1
 4189 ft.**

**ADVANCED BODY & FRAME
 3295 18TH ST E
 ANTIOCH, CA**

**CONTRA COSTA CO. SITE LIST 1005288344
 N/A**

Site 1 of 2 in cluster K

**Relative:
 Equal**

CONTRA COSTA CO. SITE LIST:

**Actual:
 41 ft.**

Region: CONTRA COSTA
 Facility ID: 771577
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

K51	CALIFORNIA ORGANICS INC	CONTRA COSTA CO. SITE LIST	S102259799
NE	3305 18TH ST E		N/A
1/2-1	ANTIOCH, CA 94509		
4194 ft.			
Relative:	Site 2 of 2 in cluster K		
Equal	CONTRA COSTA CO. SITE LIST:		
	Region: CONTRA COSTA		
Actual:	Facility ID: 707568		
41 ft.	Facility Status: INACTIVE		
	Tier: Not reported		
	Program Status: Hmmp		
	Generator Fee Item: No		
	Inactive Date: 2000-08-23 00:00:00		

52	DEES EXCAVATION	RCRA-SQG	1000593337
South	3645 LEAFWOOD CIR	FINDS	CAD982439945
1/2-1	ANTIOCH, CA 94509		
4351 ft.			
Relative:	RCRAInfo:		
Higher	Owner: FRED BOURRET		
	(415) 555-1212		
Actual:	EPA ID: CAD982439945		
233 ft.	Contact: ENVIRONMENTAL MANAGER		
	(415) 757-7712		
	Classification: Small Quantity Generator		
	TSDF Activities: Not reported		
	Violation Status: No violations found		

FINDS:
 Other Pertinent Environmental Activity Identified at Site

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53	INTERTEK TESTING SERVICES	CONTRA COSTA CO. SITE LIST	S102259999
NNW	2200 WYMORE WAY	EMI	N/A
1/2-1	ANTIOCH, CA 0		
4533 ft.			
Relative:	CONTRA COSTA CO. SITE LIST:		
Lower	Region: CONTRA COSTA		
	Facility ID: 707598		
Actual:	Facility Status: INACTIVE		
40 ft.	Tier: Not reported		
	Program Status: Hmmp		
	Generator Fee Item: No		
	Inactive Date: 1997-06-18 00:00:00		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

INTERTEK TESTING SERVICES (Continued)

S102259999

EMI:
 Year: 2002
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 12079
 Air District Name: BA
 SIC Code: 8734
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

**L54
 SW
 1/2-1
 4569 ft.**

**OIL CAN HENRY'S
 2749 HILLCREST AVE
 ANTIOCH, CA 94509**

**HAZNET
 CONTRA COSTA CO. SITE LIST**

**S105090955
 N/A**

Site 1 of 2 in cluster L

**Relative:
 Higher**

**Actual:
 75 ft.**

HAZNET:
 Gepaid: CAL000173033
 Contact: JOHN SHETNECK
 Telephone: 9257553055
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2749 HILLCREST AVE
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: 7
 TSD EPA ID: CAD980887418
 TSD County: 1
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: .8340
 Facility County: 7

Gepaid: CAL000173033
 Contact: JOE ECKERT
 Telephone: 9257553055
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2749 HILLCREST AVE
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: Contra Costa
 TSD EPA ID: CAD980887418
 TSD County: Alameda
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: 2.41
 Facility County: Not reported

Gepaid: CAL000173033
 Contact: JOE ECKERT

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

OIL CAN HENRYS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S105090955

Telephone: 9257553055
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2749 HILLCREST AVE
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: Contra Costa
 TSD EPA ID: CAD980887418
 TSD County: Alameda
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: 2.41
 Facility County: Not reported

Gepaid: CAL000173033
 Contact: JOE ECKERT
 Telephone: 9257553055
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2749 HILLCREST AVE
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: Contra Costa
 TSD EPA ID: Not reported
 TSD County: Alameda
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: 5.70
 Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional CA_HAZNET: record(s) in the EDR Site Report.

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 772891
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

**L55
 SW
 1/2-1
 4583 ft.**

**HILLCREST SHELL
 2701 HILLCREST AVE
 ANTIOCH, CA 94531**

**HAZNET U003784419
 UST N/A
 CONTRA COSTA CO. SITE LIST**

Site 2 of 2 in cluster L

**Relative:
 Higher**

HAZNET:
 Gepaid: CAL000217282
 Contact: DIRK FULTON
 Telephone: 7074944850
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2701 HILLCREST AVE
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: 7
 TSD EPA ID: CAL000161743
 TSD County: Santa Clara

**Actual:
 76 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HILLCREST SHELL (Continued)

U003784419

Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .0500
Facility County: 7

Gepaid: CAL000217282
Contact: MARGIE IVES/MGR
Telephone: 7076882075
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 HILLCREST AVE
Mailing City,St,Zip: ANTIOCH, CA 945090000
Gen County: Contra Costa
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.31
Facility County: Not reported

Gepaid: CAL000217282
Contact: MARGIE IVES/MGR
Telephone: 7074944850
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 HILLCREST AVE
Mailing City,St,Zip: ANTIOCH, CA 945090000
Gen County: Contra Costa
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Not reported
Tons: Not reported
Facility County: Not reported

Gepaid: CAL000217282
Contact: MARGIE IVES/MGR
Telephone: 7074944850
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2701 HILLCREST AVE
Mailing City,St,Zip: ANTIOCH, CA 945090000
Gen County: Contra Costa
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Transfer Station
Tons: 0.20
Facility County: Not reported

Gepaid: CAL000217282
Contact: MARGIE IVES/MGR
Telephone: 7074944850
Facility Addr2: Not reported
Mailing Name: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HILLCREST SHELL (Continued)

EDR ID Number
 EPA ID Number

U003784419

Mailing Address: 2701 HILLCREST AVE
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: Contra Costa
 TSD EPA ID: Not reported
 TSD County: Los Angeles
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Not reported
 Tons: Not reported
 Facility County: Not reported

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

UST:

Region: STATE
 Local Agency: 07000
 Facility ID: 772653

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 772653
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, UST, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

**56
 NNW
 1/2-1
 4597 ft.**

**DRILL TECH DRILLING & SHORING, INC
 2200 WYMORE WAY
 ANTIOCH, CA**

CONTRA COSTA CO. SITE LIST

**S107591802
 N/A**

**Relative:
 Lower**

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 773639
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

**Actual:
 39 ft.**

**M57
 SW
 1/2-1
 4612 ft.**

**CHEVRON STATION #200474
 3400 HILLCREST AVE
 ANTIOCH, CA 94509**

**CONTRA COSTA CO. SITE LIST
 SWEEPS UST**

**S106174957
 N/A**

Site 1 of 3 in cluster M

**Relative:
 Higher**

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 771225
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, UST, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

**Actual:
 88 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON STATION #200474 (Continued)

S106174957

SWEEPS UST:

Status: A
Comp Number: 71225
Number: 1
Board Of Equalization: 44-031913
Ref Date: 09-16-93
Act Date: 04-14-94
Created Date: 08-29-90
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 07-000-071225-000001
Actv Date: 05-28-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 71225
Number: 1
Board Of Equalization: 44-031913
Ref Date: 09-16-93
Act Date: 04-14-94
Created Date: 08-29-90
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 07-000-071225-000002
Actv Date: 05-28-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 71225
Number: 1
Board Of Equalization: 44-031913
Ref Date: 09-16-93
Act Date: 04-14-94
Created Date: 08-29-90
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 07-000-071225-000003
Actv Date: 09-16-93
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: PLUS UNLEADED
Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

M58 **CHEVRON USA #200474**
SW **3400 HILLCREST AVE**
1/2-1 **ANTIOCH, CA 94531**
4612 ft.

UST **U003939073**
 N/A

Site 2 of 3 in cluster M

Relative:
Higher

UST:
 Region: STATE
 Local Agency: 07000
 Facility ID: 771225

Actual:
88 ft.

M59 **CHEVRON STATION NO 200474**
SW **3400 HILLCREST AVE**
1/2-1 **ANTIOCH, CA 94509**
4612 ft.

RCRA-SQG **1005441372**
FINDS **CAR000120329**
HAZNET

Site 3 of 3 in cluster M

Relative:
Higher

RCRAInfo:
 Owner: CHEVRON PRODUCTS CO
 (925) 842-5931
 EPA ID: CAR000120329
 Contact: KATHY NORRIS
 (925) 842-5931
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
88 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

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

HAZNET:

Gepaid: CAR000120329
 Contact: Kathy Norris
 Telephone: 9258425931
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 6004
 Mailing City,St,Zip: San Ramon, CA 94583
 Gen County: Contra Costa
 TSD EPA ID: CAD009452657
 TSD County: Contra Costa
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Not reported
 Tons: 1.04

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON STATION NO 200474 (Continued)

1005441372

Facility County: 7

Gepaid: CAR000120329
Contact: Kathy Norris
Telephone: 9258425931
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: San Ramon, CA 94583
Gen County: Contra Costa
TSD EPA ID: CAD009452657
TSD County: Contra Costa
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: 0.17
Facility County: 7

Gepaid: CAR000120329
Contact: Kathy Norris
Telephone: 9258425931
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: San Ramon, CA 94583
Gen County: Contra Costa
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: 1.14
Facility County: Not reported

Gepaid: CAR000120329
Contact: Kathy Norris
Telephone: 9258425931
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: San Ramon, CA 94583
Gen County: Contra Costa
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: 1.14
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID							
Direction							
Distance							
Distance (ft.)							
Elevation	Site			Database(s)		EDR ID Number	EPA ID Number

N60 SW 1/2-1 4661 ft.	SPEE DEE OIL CHANGE & TUNE UP 3412 HILLCREST AVE ANTIOCH, CA 94531 Site 1 of 2 in cluster N Relative: Higher Actual: 92 ft.	UST	U003941781 N/A
	UST: Region: STATE Local Agency: 07000 Facility ID: 771422		

N61 SW 1/2-1 4661 ft.	VALVOLINE EXPRESS CARE 3412 HILLCREST AVE ANTIOCH, CA Site 2 of 2 in cluster N Relative: Higher Actual: 92 ft.	CONTRA COSTA CO. SITE LIST	S106176405 N/A
	CONTRA COSTA CO. SITE LIST: Region: CONTRA COSTA Facility ID: 771422 Facility Status: ACTIVE Tier: Not reported Program Status: HWG, Hmmp Generator Fee Item: No Inactive Date: Not reported		

O62 SW 1/2-1 4751 ft.	EXXON 7-5138 2700 HILLCREST AVE ANTIOCH, CA 94509 Site 1 of 5 in cluster O Relative: Higher Actual: 80 ft.	HAZNET LUST Cortese CA FID UST CONTRA COSTA CO. SITE LIST SWEEPS UST	S101581140 N/A
	HAZNET: Gepaid: CAD982344798 Contact: EXXON CO USA Telephone: 7136567761 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: PO BOX 2180 Mailing City,St,Zip: HOUSTON, TX 772522180 Gen County: 7 TSD EPA ID: CAD028409019 TSD County: Los Angeles Waste Category: Unspecified organic liquid mixture Disposal Method: Treatment, Tank Tons: .2085 Facility County: 7 Gepaid: CAL000262700 Contact: RICK BRENCHINI Telephone: 9254619030 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 4226 1ST ST Mailing City,St,Zip: PLEASANTON, CA 94566 Gen County: Contra Costa TSD EPA ID: NVD980895338		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EXXON 7-5138 (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

S101581140

TSD County: Contra Costa
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler
Tons: 0.45
Facility County: 7

Gepaid: CAD982344798
Contact: EXXON CO USA
Telephone: 7136567761
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2180
Mailing City,St,Zip: HOUSTON, TX 772522180
Gen County: 7
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: .0750
Facility County: 7

Gepaid: CAD982344798
Contact: EXXON CO USA
Telephone: 7136567761
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2180
Mailing City,St,Zip: HOUSTON, TX 772522180
Gen County: 7
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Treatment, Tank
Tons: .2293
Facility County: 7

Gepaid: CAL000262700
Contact: RICK BRENCHINI
Telephone: 9254619030
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4226 1ST ST
Mailing City,St,Zip: PLEASANTON, CA 94566
Gen County: Contra Costa
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.08
Facility County: Not reported

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

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EXXON 7-5138 (Continued)

S101581140

Cross Street: Not reported
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0601300808
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1999-07-23 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2001-02-08 00:00:00
Discover Date: 1999-07-15 00:00:00
Enforcement Dt: 2000-08-21 00:00:00
Release Date: 1999-12-07 00:00:00
Review Date: 2000-08-21 00:00:00
Enter Date: 1999-12-08 00:00:00
MTBE Date: 2000-05-25 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 5.00
Max MTBE Soil ppb: Not reported
County: 07
Org Name: Not reported
Reg Board: 5S
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: EXXON COMPANY USA
RP Address: PO BOX 4032, CONCORD, CA 94524
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 4
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: PMV
Staff Initials: BRU
Lead Agency: Regional Board
Local Agency: 07000
Hydr Basin #: SAN JOAQUIN VALLEY (
Beneficial: Not reported
Priority: 2
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 070090
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EXXON 7-5138 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101581140

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

LUST:

Region: 5
Case Number: 070090
Staff Initials: PMV
Substance: GASOLINE
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Lead Agency: Regional
Program: LUST
MTBE Code: 1

Cortese:

Region: CORTESE
Facility Addr2: 2700 HILLCREST AVE

CA FID UST:

Facility ID: 07001532
Regulated By: UTNKA
Regulated ID: 982344798
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4157786316
Mail To: Not reported
Mailing Address: 4550 DACOMA
Mailing Address 2: Not reported
Mailing City,St,Zip: ANTIOCH 94509
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 770120
Facility Status: ACTIVE
Tier: Not reported
Program Status: HWG, UST, Hmmp
Generator Fee Item: No
Inactive Date: Not reported

SWEEPS UST:

Status: A
Comp Number: 70120
Number: 1
Board Of Equalization: 44-000285
Ref Date: 02-07-92
Act Date: 02-07-92

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EXXON 7-5138 (Continued)

S101581140

Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 07-000-070120-000001
Actv Date: 02-07-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 5

Status: A
Comp Number: 70120
Number: 1
Board Of Equalization: 44-000285
Ref Date: 02-07-92
Act Date: 02-07-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 07-000-070120-000002
Actv Date: 02-07-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 70120
Number: 1
Board Of Equalization: 44-000285
Ref Date: 02-07-92
Act Date: 02-07-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 07-000-070120-000003
Actv Date: 02-07-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 70120
Number: 1
Board Of Equalization: 44-000285
Ref Date: 02-07-92
Act Date: 02-07-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 07-000-070120-000004
Actv Date: 02-07-92
Capacity: 1000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EXXON 7-5138 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101581140

Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: A
Comp Number: 70120
Number: 1
Board Of Equalization: 44-000285
Ref Date: 02-07-92
Act Date: 02-07-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: 5
Swrcb Tank Id: 07-000-070120-000005
Actv Date: 02-07-92
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

O63
SW
1/2-1
4751 ft.

EXXON RAS 75138
2700 HILLCREST AVE
ANTIOCH, CA 94509

RCRA-SQG 1000337629
FINDS CAD982344798

Site 2 of 5 in cluster O

Relative:
Higher

Actual:
80 ft.

RCRAInfo:
Owner: EXXON MOBIL
(281) 296-3655
EPA ID: CAD982344798
Contact: ALDA S POOL
(281) 296-3579

Classification: Small Quantity Generator
TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

O64 **ROESBERY CAR CARE**
SW **2700 HILLCREST AVE**
1/2-1 **ANTIOCH, CA 94509**
4751 ft.

CONTRA COSTA CO. SITE LIST

S105850396
N/A

Site 3 of 5 in cluster O

Relative:
Higher

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 773205
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: Hmmp
 Generator Fee Item: Yes
 Inactive Date: 2006-03-16 00:00:00

Actual:
80 ft.

O65 **VALERO #7-138**
SW **2700 HILLCREST AVE**
1/2-1 **ANTIOCH, CA 94531**
4751 ft.

UST **U003942893**
N/A

Site 4 of 5 in cluster O

Relative:
Higher

UST:
 Region: STATE
 Local Agency: 07000
 Facility ID: 770120

Actual:
80 ft.

O66 **HILLCREST VALERO CASE #2**
SW **2700 HILLCREST AVE**
1/2-1 **ANTIOCH, CA 94509**
4751 ft.

LUST **S106163095**
N/A

Site 5 of 5 in cluster O

Relative:
Higher

LUST:
 Region: STATE
 Case Type: Soil only
 Cross Street: N/A
 Enf Type: CLOS
 Funding: Not reported
 How Discovered: OM
 How Stopped: NT,
 Leak Cause: UNK
 Leak Source: Piping
 Global Id: T0601378105
 Stop Date: 2004-01-12 00:00:00
 Confirm Leak: Not reported
 Workplan: 2004-01-12 00:00:00
 Prelim Assess: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2005-05-05 00:00:00
 Discover Date: 2004-01-12 00:00:00
 Enforcement Dt: Not reported
 Release Date: 2004-01-30 00:00:00
 Review Date: Not reported
 Enter Date: Not reported
 MTBE Date: Not reported

Actual:
80 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HILLCREST VALERO CASE #2 (Continued)

S106163095

GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 07
Org Name: Not reported
Reg Board: 5S
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: RICK BRANCHINI
RP Address: 4226 FIRST STREET
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: PMV
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 07000
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 070105
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 5
Case Number: 070105
Staff Initials: PMV
Substance: DIESEL
Case Type: Soil only
Status: Case Closed
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

67
NE
1/2-1
4756 ft.

BAY AUTOMOTIVE
3420 E 18TH
ANTIOCH, CA 94509

HAZNET
CONTRA COSTA CO. SITE LIST

S103464173
N/A

Relative:
Equal

HAZNET:

Gepaid: CAL000170490
 Contact: ABDUL PARVEZ
 Telephone: 5107562631
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 3420 E 18TH
 Mailing City,St,Zip: ANTIOCH, CA 945090000
 Gen County: 7
 TSD EPA ID: CAD093459485
 TSD County: Fresno
 Waste Category: Photochemicals/photoprocessing waste
 Disposal Method: Not reported
 Tons: .0208
 Facility County: 7

Actual:
41 ft.

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 772675
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: Not reported
 Generator Fee Item: Yes
 Inactive Date: 2006-05-18 00:00:00

68
West
1/2-1
4783 ft.

ANTIOCH RECYCLING CENTER
1305 SUNSET DR
ANTIOCH, CA 94509

SWRCY

S107136644
N/A

Relative:
Higher

SWRCY:

Certification Status: O
 Facility Phone Number: (925) 757-0765
 Date facility became certified: 05/26/93
 Date facility began operating: 08/02/93
 Date facility ceased operating: Still operating
 Whether The Facility Is Grandfathered: Not reported
 Convenience Zone Where Facility Located: 0
 Convenience Zone Where Facility Located 2: 0
 Convenience Zone Where Facility Located 3: 0
 Convenience Zone Where Facility Located 4: 0
 Convenience Zone Where Facility Located 5: 0
 Convenience Zone Where Facility Located 6: 0
 Convenience Zone Where Facility Located 7: 0
 Aluminum Beverage Containers Redeemed: AL
 Glass Beverage Containers Redeemed: GL
 Plastic Beverage Containers Redeemed: PL
 Other mat beverage containers redeemed: Not reported
 Refillable Beverage Containers Redeemed: Not reported

Actual:
44 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

69
SSE
1/2-1
4837 ft.

CONCORD POOL CENTER
4210 MCCLURE CT
ANTIOCH, CA 94509

CONTRA COSTA CO. SITE LIST

S102259924
N/A

Relative:
Higher

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 772295
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: Hmmp
 Generator Fee Item: No
 Inactive Date: 1997-02-12 00:00:00

Actual:
271 ft.

P70
WNW
1/2-1
4913 ft.

PG&E ANTIOCH SERVICE CENTER
2111 HILLCREST AVE
ANTIOCH, CA 94509

LUST
UST
SWEEPS UST

U003941115
N/A

Relative:
Higher

Site 1 of 3 in cluster P

LUST:
 Region: STATE
 Case Type: Soil only
 Cross Street: Not reported
 Enf Type: None Taken
 Funding: Not reported
 How Discovered: Tank Closure
 How Stopped: Not reported
 Leak Cause: UNK
 Leak Source: UNK
 Global Id: T0601300787
 Stop Date: 1992-08-31 00:00:00
 Confirm Leak: 1992-09-08 00:00:00
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1992-11-04 00:00:00
 Discover Date: 1992-08-31 00:00:00
 Enforcement Dt: 2000-01-11 00:00:00
 Release Date: 1992-09-08 00:00:00
 Review Date: 2000-03-01 00:00:00
 Enter Date: 1992-12-01 00:00:00
 MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Max MTBE GW ppb: Not reported
 Max MTBE Soil ppb: Not reported
 County: 07
 Org Name: Not reported
 Reg Board: 5S
 Status: Case Closed
 Chemical: Motor Oil
 Contact Person: Not reported
 Responsible Party: PACIFIC GAS & ELECTRIC
 RP Address: 1030 DETROIT AVE,CONCORD,CA 94518
 Interim: Not reported
 Oversight Prgm: LUST

Actual:
46 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PG&E ANTIOCH SERVICE CENTER (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003941115

MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: PMV
Staff Initials: BRU
Lead Agency: Local Agency
Local Agency: 07000
Hydr Basin #: SAN JOAQUIN VALLEY (
Beneficial: Not reported
Priority: 3
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 070068
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: GEORGE SCHAUER
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 5
Case Number: 070068
Staff Initials: PMV
Substance: MOTOR OIL
Case Type: Soil only
Status: Case Closed
Lead Agency: Local
Program: LUST
MTBE Code: N/A

UST:

Region: STATE
Local Agency: 07000
Facility ID: 724804

SWEEPS UST:

Status: Not reported
Comp Number: 24804
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-024804-000001
Actv Date: Not reported
Capacity: 6000
Tank Use: M.V. FUEL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PG&E ANTIOCH SERVICE CENTER (Continued)

U003941115

Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 24804
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-024804-000002
Actv Date: Not reported
Capacity: 6000
Tank Use: M.V. FUEL

Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 24804
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-024804-000003
Actv Date: Not reported
Capacity: 6000
Tank Use: M.V. FUEL

Stg: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 24804
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-024804-000004
Actv Date: Not reported
Capacity: 500
Tank Use: OIL

Stg: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: A
Comp Number: 24804

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PG&E ANTIOCH SERVICE CENTER (Continued)

U003941115

Number: 1
Board Of Equalization: 44-008798
Ref Date: 06-24-92
Act Date: 06-24-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-024804-000005
Actv Date: 11-25-91
Capacity: 1000
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: 3

Status: A
Comp Number: 24804
Number: 1
Board Of Equalization: 44-008798
Ref Date: 06-24-92
Act Date: 06-24-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-024804-000006
Actv Date: 06-24-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: A
Comp Number: 24804
Number: 1
Board Of Equalization: 44-008798
Ref Date: 06-24-92
Act Date: 06-24-92
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-024804-000007
Actv Date: 06-24-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

P71
WNW
1/2-1
4913 ft.

ANTIOCH SERVICE CENTER
2111 HILLCREST AVE
ANTIOCH, CA 94509

HAZNET
CHMIRS
CONTRA COSTA CO. SITE LIST
HIST UST
EMI

U001596210
N/A

Relative:
Higher

Site 2 of 3 in cluster P

Actual:
46 ft.

HAZNET:
 Gepaid: CAC002571747
 Contact: JIM SHANG
 Telephone: 5104372562
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 4801 OAKPORT ST
 Mailing City,St,Zip: OAKLAND, CA 94601
 Gen County: Contra Costa
 TSD EPA ID: CAT000646117
 TSD County: Contra Costa
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Disposal, Land Fill
 Tons: 136.53
 Facility County: 7

CHMIRS:
 OES Incident Number: 02-2573
 OES notification: 5/13/200201:04:15 PM
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agncy Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Comments: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ANTIOCH SERVICE CENTER (Continued)

U001596210

Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 2002
Agency: PG&E
Incident Date: 5/12/200212:00:00 AM
Admin Agency: Contra Costa County Health Services Dept.
Amount: Not reported
Contained: Yes
Site Type: Utilities/Substation
E Date: Not reported
Substance: Transformer Oil
Quantity Released: Not reported
BBLs: 0
Cups: 0
CUFT: 0
Gallons: 80
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0
Description: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
Description: A transformer failed in the PG&E yard.

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 772446
Facility Status: ACTIVE
Tier: Not reported
Program Status: Hmmp
Generator Fee Item: No
Inactive Date: Not reported

HIST UST:

Region: STATE
Facility ID: 00000024804
Tank Num: 001
Container Num: DA-101
Year Installed: Not reported
Tank Capacity: 00006000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

ANTIOCH SERVICE CENTER (Continued)

U001596210

Facility Type: Other
Other Type: PUBLIC UTILITY
Total Tanks: 0004
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None
Contact Name: RON MORRIS
Telephone: 4157780838
Owner Name: PG&E COMPANY
Owner Address: 77 BEALE STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94106

Region: STATE
Facility ID: 00000024804
Tank Num: 002
Container Num: DA-102
Year Installed: Not reported
Tank Capacity: 00006000
Facility Type: Other
Other Type: PUBLIC UTILITY
Total Tanks: 0004
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None
Contact Name: RON MORRIS
Telephone: 4157780838
Owner Name: PG&E COMPANY
Owner Address: 77 BEALE STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94106

Region: STATE
Facility ID: 00000024804
Tank Num: 003
Container Num: DA-103
Year Installed: Not reported
Tank Capacity: 00005000
Facility Type: Other
Other Type: PUBLIC UTILITY
Total Tanks: 0004
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: None
Contact Name: RON MORRIS
Telephone: 4157780838
Owner Name: PG&E COMPANY
Owner Address: 77 BEALE STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94106

Region: STATE
Facility ID: 00000024804
Tank Num: 004
Container Num: DA-104
Year Installed: Not reported
Tank Capacity: 00000500

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ANTIOCH SERVICE CENTER (Continued)

U001596210

Facility Type: Other
 Other Type: PUBLIC UTILITY
 Total Tanks: 0004
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Tank Construction: Not reported
 Leak Detection: None
 Contact Name: RON MORRIS
 Telephone: 4157780838
 Owner Name: PG&E COMPANY
 Owner Address: 77 BEALE STREET
 Owner City,St,Zip: SAN FRANCISCO, CA 94106

Region: STATE
 Facility ID: 00000061670
 Tank Num: 001
 Container Num: DA-105
 Year Installed: Not reported
 Tank Capacity: 00000000
 Facility Type: Other
 Other Type: UTILITY
 Total Tanks: 0001
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: None
 Contact Name: RON MORRIS. SERVICE UNIT MANAG
 Telephone: 4158358500
 Owner Name: PACIFIC GAS AND ELECTRIC COMPA
 Owner Address: 77 BEALE STREET
 Owner City,St,Zip: SAN FRANCISCO, CA 94106

EMI:

Year: 1990
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 3161
 Air District Name: BA
 SIC Code: 4939
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1995
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 3161
 Air District Name: BA
 SIC Code: 4939
 Air District Name: BAY AREA AQMD

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ANTIOCH SERVICE CENTER (Continued)

U001596210

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
 Year:	 1996
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	3161
Air District Name:	BA
SIC Code:	4939
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
 Year:	 1997
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	3161
Air District Name:	BA
SIC Code:	4939
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
 Year:	 1998
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	3161
Air District Name:	BA
SIC Code:	4939
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ANTIOCH SERVICE CENTER (Continued)

U001596210

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1999
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	3161
Air District Name:	BA
SIC Code:	4939
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2000
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	3161
Air District Name:	BA
SIC Code:	4939
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2001
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	3161
Air District Name:	BA
SIC Code:	4939
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2002
Carbon Monoxide Emissions Tons/Yr:	7

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ANTIOCH SERVICE CENTER (Continued)

U001596210

Air Basin: SF
 Facility ID: 3161
 Air District Name: BA
 SIC Code: 4939
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2003
 Carbon Monoxide Emissions Tons/Yr: 7

Air Basin: SF
 Facility ID: 3161
 Air District Name: BA
 SIC Code: 4939
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2004
 Carbon Monoxide Emissions Tons/Yr: 7

Air Basin: SF
 Facility ID: 3161
 Air District Name: BA
 SIC Code: 4939
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0.62
 Reactive Organic Gases Tons/Yr: 0.617706
 Carbon Monoxide Emissions Tons/Yr: 0.001
 NOX - Oxides of Nitrogen Tons/Yr: 0.006
 SOX - Oxides of Sulphur Tons/Yr: 0.001
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2005
 Carbon Monoxide Emissions Tons/Yr: 7

Air Basin: SF
 Facility ID: 3161
 Air District Name: BA
 SIC Code: 4939
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ANTIOCH SERVICE CENTER (Continued)

EDR ID Number
 EPA ID Number

U001596210

Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .62
 Reactive Organic Gases Tons/Yr: .617706
 Carbon Monoxide Emissions Tons/Yr: .001
 NOX - Oxides of Nitrogen Tons/Yr: .006
 SOX - Oxides of Sulphur Tons/Yr: .001
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

P72
WNW
1/2-1
4918 ft.

ANTIOCH SVC CTR
2111 HILLCREST AVE
ANTIOCH, CA 94509

FINDS
Cortese
RCRA-LQG

1000195260
CAD981388275

CONTRA COSTA CO. SITE LIST

Site 3 of 3 in cluster P

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
46 ft.

California - Hazardous Waste Tracking System - Datamart

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

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

Cortese:

Region: CORTESE
 Facility Addr2: Not reported

Region: CORTESE
 Facility Addr2: Not reported

RCRAInfo:

Owner: PG&E
 (415) 555-1212
 EPA ID: CAD981388275
 Contact: BILL DIGGES
 (415) 754-3920

Classification: Large Quantity Generator
 TSDF Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ANTIOCH SVC CTR (Continued)

EDR ID Number
 EPA ID Number

1000195260

Violation Status: No violations found

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 724804
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, UST, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

Q73
ENE
1/2-1
5101 ft.

POOLE'S TRUCKING
HWY 4 - E NEROLY RD
OAKLEY, CA 94561

CONTRA COSTA CO. SITE LIST

S102261389
N/A

Site 1 of 4 in cluster Q

Relative:
Lower

CONTRA COSTA CO. SITE LIST:

Actual:
36 ft.

Region: CONTRA COSTA
 Facility ID: 771334
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: Not reported
 Generator Fee Item: Yes
 Inactive Date: 2000-08-25 00:00:00

Q74
ENE
1/2-1
5101 ft.

ANTIOCH FIELD OFFICE
NEROLY ROAD / HIGHWAY 4
ANTIOCH, CA 94509

HIST UST

U001596206
N/A

Site 2 of 4 in cluster Q

Relative:
Lower

HIST UST:

Actual:
36 ft.

Region: STATE
 Facility ID: 00000059179
 Tank Num: 001
 Container Num: A-17
 Year Installed: 1954
 Tank Capacity: 00001000
 Facility Type: Other
 Other Type: UTILITY
 Total Tanks: 0001
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Stock Inventor
 Contact Name: R.W. HORTON
 Telephone: 4157571607
 Owner Name: PACIFIC GAS AND ELECTRIC CO.
 Owner Address: 77 BEALE STREET
 Owner City,St,Zip: SAN FRANCISCO, CA 94106

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

Q75
ENE
1/2-1
5101 ft.

CHEVRONTEXACO, HICKSON KERLEY, ANTIOCH
HWY 4
ANTIOCH, CA 94509

SLIC
CONTRA COSTA CO. SITE LIST

S100858306
N/A

Relative:
Lower

Site 3 of 4 in cluster Q

Actual:
36 ft.

SLIC:
 Region: STATE
 Global Id: SL0601370344
 Assigned Name: SLICSITE
 Lead Agency Contact: C DEAN HUBBARD
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5F)
 Lead Agency Case Number: 1862300
 Responsible Party: Not reported
 Recent Dtw: Not reported
 Substance Released: 128, PET
Facility Status: Not reported

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 771286
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: UST
 Generator Fee Item: No
 Inactive Date: 1992-04-07 00:00:00

Q76
ENE
1/2-1
5101 ft.

GAS MACHINE
HWY 4 8 BRIDGEHEAD RD.
OAKLEY, CA 94561

HIST UST

U001597808
N/A

Relative:
Lower

Site 4 of 4 in cluster Q

Actual:
36 ft.

HIST UST:
 Region: STATE
 Facility ID: 00000052684
 Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00008000
 Facility Type: Gas Station
 Other Type: Not reported
 Total Tanks: 0003
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Pressure Test
 Contact Name: Not reported
 Telephone: 4157576380
 Owner Name: BRIDGEHEAD INC.
 Owner Address: 3089 FRANDORAS CIR.
 Owner City,St,Zip: OAKLEY, CA 94561

Region: STATE
 Facility ID: 00000052684
 Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00008000

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GAS MACHINE (Continued)

U001597808

Facility Type: Gas Station
 Other Type: Not reported
 Total Tanks: 0003
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Pressure Test
 Contact Name: Not reported
 Telephone: 4157576380
 Owner Name: BRIDGEHEAD INC.
 Owner Address: 3089 FRANDORAS CIR.
 Owner City,St,Zip: OAKLEY, CA 94561

Region: STATE
 Facility ID: 00000052684
 Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00008000
 Facility Type: Gas Station
 Other Type: Not reported
 Total Tanks: 0003
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Tank Construction: Not reported
 Leak Detection: Pressure Test
 Contact Name: Not reported
 Telephone: 4157576380
 Owner Name: BRIDGEHEAD INC.
 Owner Address: 3089 FRANDORAS CIR.
 Owner City,St,Zip: OAKLEY, CA 94561

**R77
 SW
 1/2-1
 5111 ft.**

**SAFEWAY #1259
 3365 DEER VALLEY RD
 ANTIOCH, CA 94509**

**CONTRA COSTA CO. SITE LIST
 HAZNET
 SWRCY
 CDL**

**S103986000
 N/A**

Site 1 of 2 in cluster R

**Relative:
 Higher**

HAZNET:
 Gepaid: CAC000760024
 Contact: SAFEWAY INC
 Telephone: 5104385493
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 47400 CATO RD
 Mailing City,St,Zip: FREMONT, CA 945380000
 Gen County: 7
 TSD EPA ID: CAT080031628
 TSD County: Kern
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: .1459
 Facility County: 7

**Actual:
 79 ft.**

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 773540

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SAFEWAY #1259 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103986000

Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, UST, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

SWRCY:

Certification Status: D
 Facility Phone Number: (510) 534-6666
 Date facility became certified: 09/15/92
 Date facility began operating: 10/01/92
 Date facility ceased operating: 12/26/06
 Whether The Facility Is Grandfathered: Not reported
 Convenience Zone Where Facility Located: 3985
 Convenience Zone Where Facility Located 2: 0
 Convenience Zone Where Facility Located 3: 0
 Convenience Zone Where Facility Located 4: 0
 Convenience Zone Where Facility Located 5: 0
 Convenience Zone Where Facility Located 6: 0
 Convenience Zone Where Facility Located 7: 0
 Aluminum Beverage Containers Redeemed: AL
 Glass Beverage Containers Redeemed: GL
 Plastic Beverage Containers Redeemed: PL
 Other mat beverage containers redeemed: OB
 Refillable Beverage Containers Redeemed: Not reported

CDL:

Facility ID: 200103045
 Date: 2001-03-07 00:00:00
 Abandoned Waste: Not reported
 Illegal Drug Lab: Yes
 Mobile Lab: Not reported

S78
West
1/2-1
5162 ft.

ALPINE BUSINESS MACHINES
1215 SUNSET DR
ANTIOCH, CA 94509

CONTRA COSTA CO. SITE LIST **S102259964**
N/A

Site 1 of 5 in cluster S

Relative:
Higher

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 770875
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: Not reported
 Generator Fee Item: Yes
 Inactive Date: 2000-08-24 00:00:00

Actual:
48 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

S79 **GOLDEN GATE MOVING & STORAGE**
West **1211 SUNSET DR**
1/2-1 **ANTIOCH, CA 94509**
5178 ft.

HIST UST **U001596223**
 N/A

Site 2 of 5 in cluster S

Relative:
Higher

HIST UST:
 Region: STATE
 Facility ID: 00000023468
 Tank Num: 001
 Container Num: 001
 Year Installed: 1974
 Tank Capacity: 00002000
 Facility Type: Other
 Other Type: MOVING CAMPERS
 Total Tanks: 0000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Not reported
 Contact Name: JAMES D. SHURR
 Telephone: 4157572771
 Owner Name: ANTIOCH MOVING & STORAGE CO. I
 Owner Address: 1211 SUNSET DR.
 Owner City,St,Zip: ANTIOCH, CA 94509

S80 **GOLDEN GATE MOVING & STORAGE**
West **1211 SUNSET DR**
1/2-1 **ANTIOCH, CA 94509**
5178 ft.

CA FID UST **S101623504**
CONTRA COSTA CO. SITE LIST **N/A**
SWEEPS UST

Site 3 of 5 in cluster S

Relative:
Higher

CA FID UST:
 Facility ID: 07000764
 Regulated By: UTKNI
 Regulated ID: Not reported
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 4157572771
 Mail To: Not reported
 Mailing Address: 1211 SUNSET DR
 Mailing Address 2: Not reported
 Mailing City,St,Zip: ANTIOCH 94509
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 723468
 Facility Status: INACTIVE
 Tier: Not reported
 Program Status: UST
 Generator Fee Item: No
 Inactive Date: 1986-04-23 00:00:00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GOLDEN GATE MOVING & STORAGE (Continued)

S101623504

SWEEPS UST:

Status: Not reported
 Comp Number: 23468
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 07-000-023468-000001
 Actv Date: Not reported
 Capacity: 2000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: 1

S81
West
1/2-1
5205 ft.

MADISON, PETER
1205 SUNSET DR
ANTIOCH, CA 94509

CA FID UST
CONTRA COSTA CO. SITE LIST

S101581010
N/A

Site 4 of 5 in cluster S

Relative:
Higher

Actual:
48 ft.

CA FID UST:
 Facility ID: 07001163
 Regulated By: UTNKI
 Regulated ID: Not reported
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported
 Mailing Address: 1205 SUNSET DR
 Mailing Address 2: Not reported
 Mailing City,St,Zip: ANTIOCH 94509
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
 Facility ID: 770741
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp, AGT
 Generator Fee Item: No
 Inactive Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

S82
West
1/2-1
5205 ft.

GATRELL EQUIPMENT CORP
1204 SUNSET DR
ANTIOCH, CA 94509

HAZNET
CA FID UST
CONTRA COSTA CO. SITE LIST
SWEEPS UST

S101581033
N/A

Relative:
Higher

Site 5 of 5 in cluster S

Actual:
48 ft.

HAZNET:

Gepaid: CAL000096049
 Contact: GATRELL PATRICK R
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1204 SUNSET DR
 Mailing City,St,Zip: ANTIOCH, CA 945092838
 Gen County: 7
 TSD EPA ID: CAD083166728
 TSD County: Stanislaus
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Tons: 2.0016
 Facility County: 7

Gepaid: CAL000209671
 Contact: UNITED RENTALS NORTHWEST INC
 Telephone: 3036741320
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1153 BERGEN PARKWAY STE M237
 Mailing City,St,Zip: EVERGREEN, CO 804390000
 Gen County: 7
 TSD EPA ID: CAD009466392
 TSD County: 7
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Tons: 1.0000
 Facility County: 7

Gepaid: CAL000209671
 Contact: UNITED RENTALS NORTHWEST INC
 Telephone: 3036741320
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1153 BERGEN PARKWAY STE M237
 Mailing City,St,Zip: EVERGREEN, CO 804390000
 Gen County: 7
 TSD EPA ID: CAD008252405
 TSD County: Los Angeles
 Waste Category: Off-specification, aged, or surplus organics
 Disposal Method: Recycler
 Tons: .3753
 Facility County: 7

Gepaid: CAL000209671
 Contact: DAN SWEENEY-ENVIRO SPEC
 Telephone: 3036741320
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2942 EVERGREEN PARKWAY STE 303
 Mailing City,St,Zip: EVERGREEN, CO 804390000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GATRELL EQUIPMENT CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101581033

Gen County: Contra Costa
TSD EPA ID: CAL000190816
TSD County: Stanislaus
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 3.33
Facility County: Not reported

Gepaid: CAL000209671
Contact: DAN SWEENEY-ENVIRO SPEC
Telephone: 3036741320
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1153 BERGEN PARKWAY STE M237
Mailing City,St,Zip: EVERGREEN, CO 804390000
Gen County: Contra Costa
TSD EPA ID: Not reported
TSD County: Alameda
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 4.56
Facility County: Not reported

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

CA FID UST:

Facility ID: 07001220
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 5107575422
Mail To: Not reported
Mailing Address: 1204 SUNSET DR
Mailing Address 2: Not reported
Mailing City,St,Zip: ANTIOCH 94509
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 707628
Facility Status: ACTIVE
Tier: Not reported
Program Status: HWG, Hmmp
Generator Fee Item: No
Inactive Date: Not reported

SWEEPS UST:

Status: A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GATRELL EQUIPMENT CORP (Continued)

S101581033

Comp Number: 7628
 Number: 1
 Board Of Equalization: 44-034425
 Ref Date: 07-23-92
 Act Date: 03-08-93
 Created Date: 03-08-93
 Tank Status: A
 Owner Tank Id: Not reported
 Swrcb Tank Id: 07-000-007628-000001
 Actv Date: 07-23-92
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: 1

**R83
 SW
 1/2-1
 5265 ft.**

**WALGREENS #4724
 3416 DEER VALLEY RD
 ANTIOCH, CA**

CONTRA COSTA CO. SITE LIST

**S106434282
 N/A**

Site 2 of 2 in cluster R

**Relative:
 Higher**

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 773340
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

**Actual:
 78 ft.**

**84
 WNW
 > 1
 5352 ft.**

**BEACON HILLCREST
 1801 HILLCREST AVENUE
 ANTIOCH, CA 94509**

**LUST S106127554
 N/A**

**Relative:
 Lower**

LUST:
 Region: STATE
 Case Type: Drinking Water Aquifer affected
 Cross Street: 18TH EAST
 Enf Type: TC
 Funding: Not reported
 How Discovered: Tank Closure
 How Stopped: CT,
 Leak Cause: Corrosion
 Leak Source: Tank
 Global Id: T0601325015
 Stop Date: 2003-01-23 00:00:00
 Confirm Leak: Not reported
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: 2003-01-23 00:00:00
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported

**Actual:
 35 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BEACON HILLCREST (Continued)

S106127554

Discover Date: 2003-01-23 00:00:00
Enforcement Dt: Not reported
Release Date: 2003-07-08 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 07
Org Name: Not reported
Reg Board: 5S
Status: Pollution Characterization
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: KAZEM KHORASANI
RP Address: 1801 HILLCREST AVENUE
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: PMV
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 07000
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 070104
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 5
Case Number: 070104
Staff Initials: PMV
Substance: GASOLINE
Case Type: Drinking Water Aquifer affected
Status: Pollution Characterization
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

T85
North
> 1
5381 ft.

EAST MILL
2603 WILBUR AVENUE
ANTIOCH, CA 94509

VCP S106152509
ENVIROSTOR N/A

Site 1 of 2 in cluster T

Relative:
Lower

VCP:

Actual:
29 ft.

Facility ID: 07260003
 Site Type: Voluntary Cleanup
 Site Type Detail: Voluntary Cleanup
 Acres: 80.11
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP, RWQCB 5S - Central Valley
 Lead Agency: SMBRP
 Lead Agency Description: Not reported
 Project Manager: JANET NAITO
 Supervisor: Barbara Cook
 Division Branch: North Coast
 Site Code: 201536
 Assembly: 11
 Senate: 07
 Status: Active
 Status Date: 2004-01-27 00:00:00
 Restricted Use: NO
 Funding: Responsible Party
 Lat/Long: 38.0135421686746 / -121.769525
 Alias Name: Not reported
 Alias Type: Not reported
 APN: 051-031-005-5
 APN Description: Not reported
 Comments: Not reported
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Confirmed: 30009,,
 Confirmed Description: Dioxin (as 2,3,7,8-TCDD TEQ)
 Confirmed Description: Not reported
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: 30009, 30009, 30024, 3002502
 Media Affected Desc: Not reported
 Media Affected Desc: Not reported
 Media Affected Desc: Not reported
 Media Affected Desc: Not reported
 Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: OTH, SOIL, OTH, SOIL
 Potential Description: Not reported
 Potential Description: Not reported
 Potential Description: Not reported
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EAST MILL (Continued)

S106152509

PastUse: MANUFACTURING - PAPER, MANUFACTURING - PAPER

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 80.11
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 5S - Central Valley
Lead Agency: SMBRP
Program Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: North Coast
Facility ID: 07260003
Site Code: 201536
Assembly: 11
Senate: 07
Special Program: Designation of Single Agency
Status: Active
Status Date: 2004-01-27 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.0135421686746
Longitude: -121.769525
Alias Name: Not reported
Alias Type: Not reported
APN: 051-031-005-5
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: 30009,,
Confirmed Description: Dioxin (as 2,3,7,8-TCDD TEQ)
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: 30009, 30009, 30024, 3002502
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: OTH, SOIL, OTH, SOIL
Potential Description: Not reported
Potential Description: Not reported
Potential Description: Not reported
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - PAPER, MANUFACTURING - PAPER

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

T86
North
> 1
5381 ft.

INDUSTRIAL LOT WITH RAILROAD SIDING
2600 WILBUR AVENUE
ANTIOCH, CA 94509

VCP S106568193
ENVIROSTOR N/A

Site 2 of 2 in cluster T

Relative:
Lower

VCP:

Actual:
29 ft.

Facility ID: 07990014
 Site Type: Voluntary Cleanup
 Site Type Detail: Voluntary Cleanup
 Acres: 10.28
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP, RWQCB 5S - Central Valley, CONTRA COSTA COUNTY
 Lead Agency: SMBRP
 Lead Agency Description: Not reported
 Project Manager: JANET NAITO
 Supervisor: Barbara Cook
 Division Branch: North Coast
 Site Code: 201534
 Assembly: 11
 Senate: 07
 Status: Certified
 Status Date: 2006-03-06 00:00:00
 Restricted Use: NO
 Funding: Responsible Party
 Lat/Long: 38.0113 / -121.7688
 Alias Name: Not reported
 Alias Type: Not reported
 APN: 051-032-009-6
 APN Description: Not reported
 Comments: Not reported
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Confirmed: 30024,3002502
 Confirmed Description: TPH-diesel
 Confirmed Description: TPH-MOTOR OIL
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: 30024, 3002502
 Media Affected Desc: Not reported
 Media Affected Desc: Not reported
 Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: SOIL
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: MANUFACTURING - PAPER

ENVIROSTOR:

Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

INDUSTRIAL LOT WITH RAILROAD SIDING (Continued)

S106568193

Acres: 10.28
 NPL: NO
 Regulatory Agencies: SMBRP, RWQCB 5S - Central Valley, CONTRA COSTA COUNTY
 Lead Agency: SMBRP
 Program Manager: JANET NAITO
 Supervisor: Barbara Cook
 Division Branch: North Coast
 Facility ID: 07990014
 Site Code: 201534
 Assembly: 11
 Senate: 07
 Special Program: Designation of Single Agency
Status: Certified
 Status Date: 2006-03-06 00:00:00
 Restricted Use: NO
 Funding: Responsible Party
 Latitude: 38.0113
 Longitude: -121.7688
 Alias Name: Not reported
 Alias Type: Not reported
 APN: 051-032-009-6
 APN Description: Not reported
 Comments: Not reported
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Confirmed: 30024,3002502
 Confirmed Description: TPH-diesel
 Confirmed Description: TPH-MOTOR OIL
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: 30024, 3002502
 Media Affected Desc: Not reported
 Media Affected Desc: Not reported
 Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: SOIL
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: MANUFACTURING - PAPER

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

87
North
> 1
5386 ft.

ANTIOCH PAVING COMPANY
2540 WILBUR AVE
ANTIOCH, CA 94509

HAZNET
LUST
Cortese
CONTRA COSTA CO. SITE LIST

S102259981
N/A

Relative:
Lower

HAZNET:

Actual:
32 ft.

Gepaid: CAL000058335
 Contact: ANTIOCH PAVING CO INC
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 1669
 Mailing City,St,Zip: ANTIOCH, CA 945090166
 Gen County: 7
 TSD EPA ID: CAT080011059
 TSD County: Los Angeles
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Disposal, Other
 Tons: .6255
 Facility County: 7

Gepaid: CAL000058335
 Contact: PAUL NEW
 Telephone: 9257570123
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 1669
 Mailing City,St,Zip: ANTIOCH, CA 945090166
 Gen County: Contra Costa
 TSD EPA ID: CAT080033681
 TSD County: Contra Costa
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Tons: 0.1
 Facility County: 7

Gepaid: CAL000058335
 Contact: PAUL NEW
 Telephone: 9257570123
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 1669
 Mailing City,St,Zip: ANTIOCH, CA 945090166
 Gen County: Contra Costa
 TSD EPA ID: CAT080033681
 TSD County: Contra Costa
 Waste Category: Off-specification, aged, or surplus organics
 Disposal Method: Not reported
 Tons: 0.1
 Facility County: 7

Gepaid: CAL000058335
 Contact: PAUL NEW
 Telephone: 9257570123
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 1669
 Mailing City,St,Zip: ANTIOCH, CA 945090166
 Gen County: Contra Costa

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

ANTIOCH PAVING COMPANY (Continued)

S102259981

TSD EPA ID: CAT080033681
TSD County: Contra Costa
Waste Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Land Fill
Tons: 0.29
Facility County: 7

Gepaid: CAL000058335
Contact: CHRIS ALLISON
Telephone: 9257570123
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1669
Mailing City,St,Zip: ANTIOCH, CA 945090166
Gen County: Contra Costa
TSD EPA ID: CAT080033681
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.1
Facility County: Not reported

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

LUST:

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: None Taken
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0601300794
Stop Date: Not reported
Confirm Leak: 1994-08-25 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2000-02-09 00:00:00
Discover Date: 1994-08-25 00:00:00
Enforcement Dt: 2000-01-11 00:00:00
Release Date: 1994-09-30 00:00:00
Review Date: 1997-12-19 00:00:00
Enter Date: 1994-11-22 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 07
Org Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ANTIOCH PAVING COMPANY (Continued)

S102259981

Reg Board: 5S
Status: Case Closed
Chemical: Hydrocarbons
Contact Person: Not reported
Responsible Party: ANTIOCH PAVING COMPANY
RP Address: 2540 WILBER AVE, ANTIOCH, CA 94509
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: PMV
Staff Initials: BRU
Lead Agency: Local Agency
Local Agency: 07000
Hydr Basin #: SAN JOAQUIN VALLEY (
Beneficial: Not reported
Priority: 3
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 030075
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 5
Case Number: 030075
Staff Initials: PMV
Substance: HYDROCARBONS
Case Type: Soil only
Status: Case Closed
Lead Agency: Local
Program: LUST
MTBE Code: N/A

Cortese:

Region: CORTESE
Facility Addr2: 2540 WILBUR AVE

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 738072
Facility Status: ACTIVE
Tier: Not reported
Program Status: HWG, Hmmp
Generator Fee Item: No
Inactive Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

U88 **MILITARY FAMILY HOUSING**
NNW **2300 WILBUR**
> 1 **ANTIOCH, CA 94509**
5490 ft.

Cortese **S105022533**
N/A

Site 1 of 3 in cluster U

Relative:
Lower

Cortese:
 Region: CORTESE
 Facility Addr2: Not reported

Actual:
32 ft.

U89 **WEST MILL**
NNW **2301 WILBUR AVENUE**
> 1 **ANTIOCH, CA 94509**
5535 ft.

VCP **S106152508**
ENVIROSTOR **N/A**

Site 2 of 3 in cluster U

Relative:
Lower

VCP:
 Facility ID: 07260002
 Site Type: Voluntary Cleanup
 Site Type Detail: Voluntary Cleanup
 Acres: 27.7
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP, RWQCB 5S - Central Valley, CONTRA COSTA COUNTY
 Lead Agency: SMBRP
 Lead Agency Description: Not reported
 Project Manager: JANET NAITO
 Supervisor: Barbara Cook
 Division Branch: North Coast
 Site Code: 201535
 Assembly: 11
 Senate: 07
 Status: Active
 Status Date: 2004-01-27 00:00:00
 Restricted Use: NO
 Funding: Responsible Party
 Lat/Long: 38.0139 / -121.7753
 Alias Name: Not reported
 Alias Type: Not reported
 APN: 051-020-006-6
 APN Description: Not reported
 Comments: Not reported
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Confirmed: 30024,3002502
 Confirmed Description: TPH-diesel
 Confirmed Description: TPH-MOTOR OIL
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: 30024, 3002502
 Media Affected Desc: Not reported
 Media Affected Desc: Not reported
 Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: SOIL
 Potentital Description: Not reported
 Schedule Area Name: Not reported

Actual:
32 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WEST MILL (Continued)

S106152508

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - PAPER

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 27.7
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 5S - Central Valley, CONTRA COSTA COUNTY
Lead Agency: SMBRP
Program Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: North Coast
Facility ID: 07260002
Site Code: 201535
Assembly: 11
Senate: 07
Special Program: Designation of Single Agency
Status: Active
Status Date: 2004-01-27 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.0139
Longitude: -121.7753
Alias Name: Not reported
Alias Type: Not reported
APN: 051-020-006-6
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: 30024,3002502
Confirmed Description: TPH-diesel
Confirmed Description: TPH-MOTOR OIL
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: 30024, 3002502
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: SOIL
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - PAPER

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

U90
NNW
> 1
5535 ft.

GAYLORD CONTAINER CORPORATION
2301 WILBUR AVENUE
ANTIOCH, CA 94509

PADS 1000290838
FINDS CAD009148180
RCRA-LQG
AST
CERC-NFRAP
CA WDS

Relative:
Lower

Site 3 of 3 in cluster U

Actual:
32 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

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

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

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

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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GAYLORD CONTAINER CORPORATION (Continued)

1000290838

transported off-site.

RCRAInfo:

Owner: GAYLORD CONTAINER CORP
(847) 405-5500

EPA ID: CAD009148180

Contact: Not reported

Classification: Large Quantity Generator

TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	12/06/1991
Actual Date Achieved Compliance:	03/03/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	12/23/1991
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19920303

Date of
Compliance
19920303

AST:

Owner: GAYLORD CONTAINER CORP.
Total Gallons: 106600

CERC-NFRAP:

Site ID: 0901170
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):

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

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAYLORD CONTAINER CORPORATION (Continued)

1000290838

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: CROWN ZELLERBACH INC FLEXIBLE PKG DIV
Alias Address: Not reported
CA
Alias Name: BLACK LIQUOR POND
Alias Address: Not reported
CA
Alias Name: BLACK SEA
Alias Address: Not reported
CA
Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 12/01/1979
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 04/01/1985
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 04/01/1985
Priority Level: NFRAP (No Further Remedial Action Planned)

CA WDS:

Facility ID: Sacramento-San Joaquin Delta 072039001
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: Not reported
Subregion: 0
Facility Telephone: 9257793200
Facility Contact: DIANA HOGAN
Agency Name: GAYLORD CONTAINER CORPORATION
Agency Address: 2301 WILBUR AVE
Agency City,St,Zip: ANTIOCH 94509
Agency Contact: HENRY THATCHER
Agency Telephone: 9257793200
Agency Type: Private
SIC Code: 2631
SIC Code 2: Not reported
Primary Waste: Process Waste (Waste produced as part of the industrial/manufacturing process)
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GAYLORD CONTAINER CORPORATION (Continued)

1000290838

Secondary Waste Type: Not reported
 Design Flow: 15
 Baseline Flow: 12
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
 Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
 Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.
 Facility ID: Sacramento-San Joaquin Delta 072039001
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CA0004847 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 0
 Facility Telephone: 9257793200
 Facility Contact: DIANA HOGAN
 Agency Name: GAYLORD CONTAINER CORPORATION
 Agency Address: 2301 WILBUR AVE
 Agency City,St,Zip: ANTIOCH 94509
 Agency Contact: HENRY THATCHER
 Agency Telephone: 9257793200
 Agency Type: Private
 SIC Code: 2631
 SIC Code 2: Not reported
 Primary Waste: Process Waste (Waste produced as part of the industrial/manufacturing process)
 Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 15
 Baseline Flow: 12
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
 Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GAYLORD CONTAINER CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000290838

Complexity: significant human population, or render unusable a potential domestic or municipal water supply. Aesthetic impairment would include nuisance from a waste treatment facility.
Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.

Facility ID: 5S 071017613
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 0
Facility Telephone: 9257793200
Facility Contact: HENRY THATCHER
Agency Name: GAYLORD CONTAINER CORPORATION
Agency Address: 2301 WILBUR AVE
Agency City,St,Zip: ANTIOCH 94509
Agency Contact: HENRY THATCHER
Agency Telephone: 9257793200
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

91
NNW
> 1
5602 ft.

PIONEER AMERICAS, ANTIOCH PLANT (FORMER KEMWATER N
2151 WILBUR AVE
ANTIOCH, CA 94509

HAZNET
CHMIRS
WMUDS/SWAT
SLIC
CONTRA COSTA CO. SITE LIST
CA WDS

1001613146
N/A

Relative:
Lower

Actual:
32 ft.

HAZNET:

Gepaid: CAD041316043
 Contact: LISA KAY TUCK, SR EHS SPECIALIST
 Telephone: 7135703202
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 700 LOUISIANA ST STE 4300
 Mailing City,St,Zip: HOUSTON, TX 770020000
 Gen County: Contra Costa
 TSD EPA ID: UTC093012201
 TSD County: 99
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Disposal, Land Fill
 Tons: 1100
 Facility County: Not reported

Gepaid: CAD041316043
 Contact: LISA KAY TUCK, SR EHS SPECIALIST
 Telephone: 7135703202
 Facility Addr2: Not reported
 Mailing Name: KNA CALIFORNIA INC
 Mailing Address: 700 LOUISIANA ST STE 4300
 Mailing City,St,Zip: HOUSTON, TX 770020000
 Gen County: Contra Costa
 TSD EPA ID: UTC093012201
 TSD County: Contra Costa
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Disposal, Land Fill
 Tons: 3124
 Facility County: 7

CHMIRS:

OES Incident Number: 98-0095
 OES notification: 1/8/199811:15:53 AM
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PIONEER AMERICAS, ANTIOCH PLANT (FORMER KEMWATER N (Continued))

1001613146

More Than Two Substances Involved?: Not reported
 Resp Agency Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Comments: Not reported
 Facility Telephone: Not reported
 Waterway Involved: No
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: Reporting Party
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported
 Other: Not reported
 Date/Time: Not reported
 Year: 1998
 Agency: Chem Water
 Incident Date: 1/8/1998 12:00:00 AM
 Admin Agency: Contra Costa County Health Services Dept.
 Amount: Not reported
 Contained: Yes
 Site Type: Merchant/Business
 E Date: Not reported
 Substance: Bleach
 Quantity Released: Not reported
 BBLS: 0
 Cups: 0
 CUFT: 0
 Gallons: 100 - 130
 Grams: 0
 Pounds: 0
 Liters: 0
 Ounces: 0
 Pints: 0
 Quarts: 0
 Sheen: 0
 Tons: 0
 Unknown: 0
 Description: Not reported
 Evacuations: 0
 Number of Injuries: 0
 Number of Fatalities: 0
 Description: Overfilled truck and spilled into secondary containment area releasing a vapor.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PIONEER AMERICAS, ANTIOCH PLANT (FORMER KEMWATER N (Continued))

1001613146

WMUDS/SWAT:
 Edit Date: Not reported
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
 Primary Waste: Cooling Water: Noncontact
 Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Base Meridian: Not reported
 NPID: CA0081248
 Tonnage: 0
 Regional Board ID: Not reported
 Municipal Solid Waste: False
 Superorder: False
 Open To Public: False
 Waste List: False
 Agency Type: Private
 Agency Name: PIONEER CHLOR ALKALI., CO
 Agency Department: Not reported
 Agency Address: 2151 WILBUR AVE.
 Agency City,St,Zip: ANTIOCH ,CA 94509
 Agency Contact: VERRILL NORWOOD
 Agency Telephone: 4234761082
 Land Owner Name: Not reported
 Land Owner Address: Not reported
 Land Owner City,St,Zip: Not reported
 Land Owner Contact: Not reported
 Land Owner Phone: Not reported
 Region: 5S
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Description: Not reported
 Facility Telephone: 5107578230
 SWAT Facility Name: Not reported
 Primary SIC: 2842
 Secondary SIC: Not reported
 Comments: Not reported
 Last Facility Editors: Not reported
 Waste Discharge System: True
 Solid Waste Assessment Test Program: False
 Toxic Pits Cleanup Act Program: True
 Resource Conservation Recovery Act: False
 Department of Defence: False
 Solid Waste Assessment Test Program: Not reported
 Threat to Water Quality: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PIONEER AMERICAS, ANTIOCH PLANT (FORMER KEMWATER N (Continued))

1001613146

significant human population, or render unusable a potential domestic or municipal water supply. Aesthetic impairment would include nuisance from a waste treatment facility.

Sub Chapter 15: False
Regional Board Project Officer: PAL
Number of WMUDS at Facility: 1
Section Range: Not reported
RCRA Facility: No
Waste Discharge Requirements: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Self-Monitoring Rept. Frequency: Monthly Submittal
Waste Discharge System ID: 5B072047001
Solid Waste Information ID: Not reported

SLIC:

Region: STATE
Global Id: SL205032990
Assigned Name: SLICSITE
Lead Agency Contact: MARK W. CLARDY
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: SL205032990
Responsible Party: JOE HOFBAUER
Recent Dtw: 20
Substance Released: 00940, 01045, 00927, 01055, MET, 71850, VOC, ammonia, chl
Facility Status: Remediation Plan

SLIC:

Region: 5
Facility Status: Remediation Underway
Unit: Facility is a Spill or site
Pollutant: Cu, ammonia
Lead Agency: DLL
Date Filed: / /
Report Date: / /
Date Added: Not reported
Date Closed: Not reported

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 754226
Facility Status: INACTIVE
Tier: Not reported
Program Status: UST
Generator Fee Item: Yes
Inactive Date: 2007-02-09 00:00:00

CA WDS:

Facility ID: 5S 071015286
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PIONEER AMERICAS, ANTIOCH PLANT (FORMER KEMWATER N (Continued))

EDR ID Number
 EPA ID Number

Database(s)

1001613146

NPDES Number: under Waste Discharge Requirements. CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 0

Facility Telephone: 9257578243

Facility Contact: FRED VIRDEN

Agency Name: KEMWATER NORTH AMERICA CO

Agency Address: PO Box 606

Agency City,St,Zip: Antioch 945090060

Agency Contact: FRED VIRDEN

Agency Telephone: 9257578243

Agency Type: Private

SIC Code: 0

SIC Code 2: Not reported

Primary Waste: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

92
 NNW
 > 1
 5751 ft.

SANTA YNEZ HIGH SCHOOL
2000 WILBUR
ANTIOCH, CA 94509

Cortese S105022532
N/A

Relative:
 Lower

Cortese:
 Region: CORTESE
 Facility Addr2: Not reported

Actual:
 33 ft.

V93
 NNW
 > 1
 5906 ft.

GWF POWER PLANT - ANTIOCH
1900 WILBUR AVE, W
ANTIOCH, CA

SLIC S106717940
N/A

Relative:
 Lower

Site 1 of 2 in cluster V

SLIC:
 Region: STATE
 Global Id: SL0601320282
 Assigned Name: SLICSITE
 Lead Agency Contact: CORI CONDON
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)

Actual:
 38 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GWF POWER PLANT - ANTIOCH (Continued)

S106717940

Lead Agency Case Number: SL0601320282
 Responsible Party: Not reported
 Recent Dtw: Not reported
 Substance Released: 12034
Facility Status: Not reported

**V94
 NNW
 > 1
 5993 ft.**

**QUIK STOP MARKET NO. 78
 1779 WILBUR
 ANTIOCH, CA 94509**

**Cortese S100849593
 N/A**

Site 2 of 2 in cluster V

**Relative:
 Higher**

Cortese:
 Region: CORTESE
 Facility Addr2: Not reported

**Actual:
 45 ft.**

**95
 NNW
 > 1
 6097 ft.**

**IMPERIAL WEST, ANTIOCH PLANT
 1701 WILBUR AVENUE
 ANTIOCH, CA 94509**

**Toxic Pits S100925117
 EMI N/A**

**Relative:
 Higher**

Toxic Pits:
 Region: 05S
 Task #: 85001
 Owner: IMPERIAL WEST CHEMICAL CO.
 1/2 Mi Limit: Y
 Num. of Pits: 1
 Cease Discharge Due: 09/01/90
 Cease Discharge Complete: / /
 Closure Due: 11/01/90
Closure Completed: 01/16/92
 Status: CLOSED
 Hydro Geological Assessment Report Due: 04/01/92
 Final Hydro Geological Assessment Review Completed: / /

**Actual:
 48 ft.**

EMI:

Year: 1990
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF
 Facility ID: 725
 Air District Name: BA
 SIC Code: 2819
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 9
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 5

Year: 1993
 Carbon Monoxide Emissions Tons/Yr: 7
 Air Basin: SF

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

IMPERIAL WEST, ANTIOCH PLANT (Continued)

S100925117

Facility ID: 725
 Air District Name: BA
 SIC Code: 2819
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 9
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 4

W96
ENE
> 1
6131 ft.

PG&E CORP. YARD
5400 NEROLY ROAD
OAKLEY, CA 94561

US BROWNFIELDS 1008377019
N/A

Site 1 of 2 in cluster W

Relative:
Lower

US BROWNFIELDS:
 Recipient Name: City of Oakley
 Project Name: Oakley, CA (A03)
 Name: PG&E Corp. Yard
 Parcel #: 35-050-014
 Parcel size: 2.00
 Latitude: 38.0028
 Longitude: -121.7507
 HCM: Address Matching-House Number
 Map scale: 1:24000
 Point of reference: Entrance Point of a Facility or Station
 Horiz. collect. method: Not reported
 ACRES property ID: 15611
 Start date: Not reported
 Complete date: 04/19/05
 Accomplishment: Phase I Environmental Assessment
 Ownership entity: Not reported

Actual:
32 ft.

Recipient Name: City of Oakley
 Project Name: Oakley, CA (A03)
 Name: PG&E Corp. Yard
 Parcel #: 35-050-014
 Parcel size: 2.00
 Latitude: 38.0028
 Longitude: -121.7507
 HCM: Address Matching-House Number
 Map scale: 1:24000
 Point of reference: Entrance Point of a Facility or Station
 Horiz. collect. method: Not reported
 ACRES property ID: 15611
 Start date: Not reported
 Complete date: 04/30/05
 Accomplishment: Phase I Environmental Assessment
 Ownership entity: Not reported

Recipient Name: City of Oakley
 Project Name: Oakley, CA (A03)
 Name: PG&E Corp. Yard

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PG&E CORP. YARD (Continued)

1008377019

Parcel #: 35-050-014
 Parcel size: 2.00
 Latitude: 38.0028
 Longitude: -121.7507
 HCM: Address Matching-House Number
 Map scale: 1:24000
 Point of reference: Entrance Point of a Facility or Station
 Horiz. collect. method: Not reported
 ACRES property ID: 15611
 Start date: Not reported
 Complete date: 10/13/03
 Accomplishment: Phase II Environmental Assessment
 Ownership entity: Not reported

**W97
 ENE
 > 1
 6175 ft.**

**CHEVRON #9-3801
 5433 NEROLY RD
 ANTIOCH, CA 94509**

**LUST S102427224
 Cortese N/A
 CONTRA COSTA CO. SITE LIST**

Site 2 of 2 in cluster W

**Relative:
 Lower**

LUST:

**Actual:
 31 ft.**

Region: STATE
 Case Type: Drinking Water Aquifer affected
 Cross Street: Not reported
 Enf Type: None Taken
 Funding: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Global Id: T0601300773
 Stop Date: Not reported
 Confirm Leak: Not reported
 Workplan: Not reported
 Prelim Assess: 1988-11-23 00:00:00
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2002-05-29 00:00:00
 Discover Date: Not reported
 Enforcement Dt: 2001-05-15 00:00:00
 Release Date: 1988-11-23 00:00:00
 Review Date: 2000-12-18 00:00:00
 Enter Date: 1990-01-22 00:00:00
 MTBE Date: 2000-06-03 00:00:00
 GW Qualifier: =
 Soil Qualifier: Not reported
 Max MTBE GW ppb: 4.20
 Max MTBE Soil ppb: Not reported
 County: 07
 Org Name: Not reported
 Reg Board: 5S
 Status: Case Closed
 Chemical: Gasoline
 Contact Person: Not reported
 Responsible Party: CHEVRON
 RP Address: 2410 CAMINO RAMON, SAN RAMON, CA 94583

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON #9-3801 (Continued)

S102427224

Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 4
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: PMV
Staff Initials: BRU
Lead Agency: Regional Board
Local Agency: 07000
Hydr Basin #: SAN JOAQUIN VALLEY (
Beneficial: Not reported
Priority: 2
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 070047
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 5
Case Number: 070047
Staff Initials: PMV
Substance: GASOLINE
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Lead Agency: Regional
Program: LUST
MTBE Code: 0

Cortese:

Region: CORTESE
Facility Addr2: 5433 NEROLY RD

CONTRA COSTA CO. SITE LIST:

Region: CONTRA COSTA
Facility ID: 707694
Facility Status: INACTIVE
Tier: Not reported
Program Status: Not reported
Generator Fee Item: No
Inactive Date: 2000-08-23 00:00:00

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

X98
NNW
> 1
6283 ft.

IMPERIAL WEST CHEM CO
1701 WILBUR AVE
ANTIOCH, CA 94509

Site 1 of 2 in cluster X

Relative:
Higher

Actual:
54 ft.

RCRA-SQG
FINDS
Cortese
SLIC
CA FID UST
HIST UST
SWEEPS UST
NY MANIFEST

1000215295
CAD041316043

RCRAInfo:

Owner: NOT REQUIRED
 (415) 555-1212

EPA ID: CAD041316043

Contact: Not reported

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.10-12.A
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 04/05/1993
 Actual Date Achieved Compliance: 11/02/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/12/1991
 Penalty Type: Not reported

Regulation Violated: 264.110-120.G
 Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
 Date Violation Determined: 09/12/1991
 Actual Date Achieved Compliance: 02/18/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/12/1991
 Penalty Type: Not reported

Regulation Violated: 262.20-23.B
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 09/12/1991
 Actual Date Achieved Compliance: 02/18/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/12/1991
 Penalty Type: Not reported

Regulation Violated: 262.50-60
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 09/12/1991
 Actual Date Achieved Compliance: 02/18/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/12/1991
 Penalty Type: Not reported

Regulation Violated: 262.10-12.A
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 05/30/1991
 Actual Date Achieved Compliance: 04/05/1993

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
 Enforcement Action Date: 01/24/1985
 Penalty Type: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

IMPERIAL WEST CHEM CO (Continued)

1000215295

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/12/1991
Penalty Type:	Not reported
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/25/1991
Actual Date Achieved Compliance:	02/18/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/12/1991
Penalty Type:	Not reported
Regulation Violated:	264.70-77.E
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/25/1991
Actual Date Achieved Compliance:	02/18/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/12/1991
Penalty Type:	Not reported
Regulation Violated:	264.140-150.H
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	03/25/1991
Actual Date Achieved Compliance:	02/18/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/12/1991
Penalty Type:	Not reported
Regulation Violated:	262.50-60
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/25/1991
Actual Date Achieved Compliance:	02/18/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/12/1991
Penalty Type:	Not reported
Regulation Violated:	264.400-406.Q
Area of Violation:	TSD-CHEMICAL/PHYSICAL/BIOLOGICAL REQUIREMENTS
Date Violation Determined:	03/25/1991
Actual Date Achieved Compliance:	02/18/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/12/1991
Penalty Type:	Not reported
Regulation Violated:	264.190-201.J
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/25/1991
Actual Date Achieved Compliance:	02/18/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/12/1991
Penalty Type:	Not reported
Regulation Violated:	264.30-37.C
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/25/1991
Actual Date Achieved Compliance:	02/18/1994
Enforcement Action:	WRITTEN INFORMAL

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

IMPERIAL WEST CHEM CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000215295

Enforcement Action Date: 09/12/1991
 Penalty Type: Not reported

Regulation Violated: 264.10-18.B
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 03/25/1991
 Actual Date Achieved Compliance: 02/18/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/12/1991
 Penalty Type: Not reported

Regulation Violated: 264.110-120.G
 Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
 Date Violation Determined: 03/25/1991
 Actual Date Achieved Compliance: 02/18/1994

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
 Enforcement Action Date: 01/24/1985
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/12/1991
 Penalty Type: Not reported

Regulation Violated: 262.10-12.A
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 01/29/1985
 Actual Date Achieved Compliance: 01/09/1991

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
 Enforcement Action Date: 01/24/1985
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/12/1991
 Penalty Type: Not reported

There are 15 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19941102
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930405
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940218
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940218
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940218
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19940218
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940218
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940218
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940218
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19940218
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940218
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940218
	TSD-CHEMICAL/PHYSICAL/BIOLOGICAL REQUIREMENTS	19940218
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19940218
Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910109

FINDS:

Other Pertinent Environmental Activity Identified at Site

ICIS (Integrated Compliance Information System) is the Integrated

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

IMPERIAL WEST CHEM CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

1000215295

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

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

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

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

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

Cortese:

Region: CORTESE
Facility Addr2: Not reported

SLIC:

Region: 5
Facility Status: Preliminary Assessment
Unit: Facility is a Spill or site
Pollutant: Chloride, Lead, Flouride
Lead Agency: Not reported
Date Filed: / /
Report Date: 04/18/96
Date Added: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

IMPERIAL WEST CHEM CO (Continued)

1000215295

Date Closed: Not reported

CA FID UST:

Facility ID: 07000533
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4157578230
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: ANTIOCH 94509
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:

Region: STATE
Facility ID: 00000054226
Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00004500
Facility Type: Other
Other Type: CHEMICAL MANUFACTURI
Total Tanks: 0002
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor, Groundwater Monitoring Well
Contact Name: FRANK BELLISS
Telephone: 4157578230
Owner Name: IMPERIAL WEST CHEMICAL COMPANY
Owner Address: 1701 WILBUR AVENUE
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000054226
Tank Num: 002
Container Num: 2
Year Installed: 1971
Tank Capacity: 00000000
Facility Type: Other
Other Type: CHEMICAL MANUFACTURI
Total Tanks: 0002
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: FRANK BELLISS
Telephone: 4157578230

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

IMPERIAL WEST CHEM CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000215295

Owner Name: IMPERIAL WEST CHEMICAL COMPANY
Owner Address: 1701 WILBUR AVENUE
Owner City,St,Zip: ANTIOCH, CA 94509

SWEEPS UST:

Status: Not reported
Comp Number: 54226
Number: Not reported
Board Of Equalization: 44-002459
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-054226-000001
Actv Date: Not reported
Capacity: 4500
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: 1

Status: A
Comp Number: 54226
Number: 9
Board Of Equalization: 44-002459
Ref Date: 06-20-88
Act Date: Not reported
Created Date: 07-22-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 07-000-054226-000002
Actv Date: 06-20-88
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 1

NY MANIFEST:

Document ID: NYG1190151
Manifest Status: Not reported
Trans1 State ID: NYD982792814
Trans2 State ID: NYD982792814
Generator Ship Date: 03/23/1999
Trans1 Recv Date: 03/23/1999
Trans2 Recv Date: 03/24/1999
TSD Site Recv Date: 04/09/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: CAD041316043
Trans1 EPA ID: NYD000632372
Trans2 EPA ID: Not reported
TSD ID: Not reported
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00019

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

IMPERIAL WEST CHEM CO (Continued)

1000215295

Units: P - Pounds
Number of Containers: 001
Container Type: CY - Cylinders
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00019
Units: P - Pounds
Number of Containers: 001
Container Type: CY - Cylinders
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00019
Units: P - Pounds
Number of Containers: 001
Container Type: CY - Cylinders
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 99
Facility Type: Generator
EPA ID: CAD041316043
Facility Name: KEMWATER NORTH AMERICA
Facility Address: 2151 WOLBER AVE
Facility City: ANTIOOH
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: KEMWATER NORTH AMERICA
Mailing Contact: FREDRICK VIRDU
Mailing Address: 2151 WOLBER AVE
Mailing City: ANTIOOH
Mailing State: CA
Mailing Zip: 94509
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 925-757-8230

99 **CONTRA COSTA POWER PLANT**
NNE **3201 WILBUR AVE**
> 1 **ANTIOCH, CA 94509**
6408 ft.
Relative:
Lower

RCRA-LQG **1000196257**
RCRA-TSDF **CAT080011489**
RAATS
CORRACTS
AST
CERC-NFRAP
CA WDS

Actual: RCRAInfo Corrective Action Summary:
14 ft. Event: CA Prioritization, Facility or area was assigned a low corrective action
priority.
Event Date: 12/01/1986

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CONTRA COSTA POWER PLANT (Continued)

1000196257

RCRAInfo:
 Owner: PACIFIC GAS AND ELECTRIC COMPANY
 (415) 972-2733
 EPA ID: CAT080011489
 Contact: Not reported
 Classification: Large Quantity Generator, TSDF
 TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	1142.00	D002	1126.00
D006	3574.00	D007	338.00
D008	145.00	D009	7.00

Violation Status: Violations exist

Regulation Violated: 264.140-150.H
 Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
 Date Violation Determined: 06/24/1992
 Actual Date Achieved Compliance: 10/13/1992

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 08/12/1987
 Penalty Type: Not reported

Regulation Violated: 270
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 02/23/1989
 Actual Date Achieved Compliance: 08/05/1991

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 04/05/1989
 Penalty Type: Not reported

Regulation Violated: 264.90-94.F
 Area of Violation: TSD-GROUNDWATER MONITORING REQUIREMENTS
 Date Violation Determined: 12/08/1987
 Actual Date Achieved Compliance: 01/18/1988

Enforcement Action: FINAL 3008(H) I.S. CA ORDERS (NON-HSWA)
 Enforcement Action Date: 09/15/1989
 Penalty Type: Not reported

Regulation Violated: 270
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 11/24/1987
 Actual Date Achieved Compliance: 01/18/1988

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/08/1988
 Penalty Type: Not reported

Regulation Violated: 270
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 11/25/1986
 Actual Date Achieved Compliance: 08/05/1991

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 08/12/1987
 Penalty Type: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CONTRA COSTA POWER PLANT (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000196257

There are 5 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19921013
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910805
Compliance GW Monitoring Evaluation	TSD-GOUNDWATER MONITORING REQUIREMENTS	19880118
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19880118
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910805

CORRACTS:

EPA ID: CAT080011489
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 12/01/1986
 Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
 NAICS Code(s): 221112
 Fossil Fuel Electric Power Generation

AST:

Owner: MIRANT DELTA LLC
 Total Gallons: 5942916

CERC-NFRAP:

Site ID: 0902670
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):

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

Contact Name: Jere Johnson
 Contact Tel: (415) 972-3094
 Contact Title: Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: PG&E
 Alias Address: SW 1 1/4 SEC 16 T2N R2E
 ANTIOCH, CA 94509

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
 Date Started: Not reported
 Date Completed: 10/01/1979
 Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY ASSESSMENT
 Date Started: Not reported
 Date Completed: 09/25/1986
 Priority Level: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CONTRA COSTA POWER PLANT (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000196257

Action: PRELIMINARY ASSESSMENT
 Date Started: Not reported
 Date Completed: 12/01/1986
 Priority Level: Low

Action: SITE INSPECTION
 Date Started: Not reported
 Date Completed: 12/01/1986
 Priority Level: High

Action: SITE INSPECTION
 Date Started: Not reported
 Date Completed: 10/11/1991
 Priority Level: NFRAP (No Further Remedial Action Planned)

Action: ARCHIVE SITE
 Date Started: Not reported
 Date Completed: 10/11/1991
 Priority Level: Not reported

CA WDS:

Facility ID: 5S 071016482
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 0
 Facility Telephone: 9257796500
 Facility Contact: STEVE BAUMAN
 Agency Name: MIRANT DELTA LLC
 Agency Address: 3201 WILBUR AVE
 Agency City,St,Zip: ANTIOCH 945090024
 Agency Contact: STEVEN BAUMAN
 Agency Telephone: 9257796500
 Agency Type: ?
 SIC Code: 0
 SIC Code 2: Not reported
 Primary Waste: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CONTRA COSTA POWER PLANT (Continued)

1000196257

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**100
 NNW
 > 1
 6475 ft.**

**PG&E, CONTRA COSTA POWER PLANT
 1456 WILBUR AVENUE
 ANTIOCH, CA 94509**

**Toxic Pits S100925119
 EMI N/A**

**Relative:
 Higher**

Toxic Pits:

Region: 05S
 Task #: 85013
 Owner: PG&E - ENVIRONMENTAL SERVICES
 1/2 Mi Limit: Y
 Num. of Pits: 3
 Cease Discharge Due: 06/30/88
 Cease Discharge Complete: 01/30/87
 Closure Due: 01/01/87
Closure Completed: 12/05/88
 Status: CLOSED
 Hydro Geological Assessment Report Due: / /
 Final Hydro Geological Assessment Review Completed: 11/25/88

**Actual:
 55 ft.**

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	18
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	64
Reactive Organic Gases Tons/Yr:	41
Carbon Monoxide Emissions Tons/Yr:	438
NOX - Oxides of Nitrogen Tons/Yr:	2223
SOX - Oxides of Sulphur Tons/Yr:	437
Particulate Matter Tons/Yr:	94
Part. Matter 10 Micrometers & Smllr Tons/Yr:	92
Year:	1995
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	18
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	234
NOX - Oxides of Nitrogen Tons/Yr:	839

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PG&E, CONTRA COSTA POWER PLANT (Continued)

S100925119

SOX - Oxides of Sulphur Tons/Yr:	4
Particulate Matter Tons/Yr:	18
Part. Matter 10 Micrometers & Smlr Tons/Yr:	18
Year:	1996
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	18
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	234
NOX - Oxides of Nitrogen Tons/Yr:	839
SOX - Oxides of Sulphur Tons/Yr:	4
Particulate Matter Tons/Yr:	18
Part. Matter 10 Micrometers & Smlr Tons/Yr:	18
Year:	1997
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	18
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	280
NOX - Oxides of Nitrogen Tons/Yr:	1010
SOX - Oxides of Sulphur Tons/Yr:	4
Particulate Matter Tons/Yr:	21
Part. Matter 10 Micrometers & Smlr Tons/Yr:	21
Year:	1998
Carbon Monoxide Emissions Tons/Yr:	7
Air Basin:	SF
Facility ID:	18
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	18
Reactive Organic Gases Tons/Yr:	8
Carbon Monoxide Emissions Tons/Yr:	374
NOX - Oxides of Nitrogen Tons/Yr:	820
SOX - Oxides of Sulphur Tons/Yr:	6
Particulate Matter Tons/Yr:	28
Part. Matter 10 Micrometers & Smlr Tons/Yr:	28

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

101
 ENE
 > 1
 6511 ft.

BRIDGEHEAD INC
5540 BRIDGEHEAD RD
OAKLEY, CA 94561

HAZNET
LUST
CHMIRS
Cortese

S101294138
N/A

CONTRA COSTA CO. SITE LIST

Relative:
Lower

HAZNET:

Actual:
30 ft.

Gepaid: CAR000100362
 Contact: JACK OMAN WASTE SPECIALIST
 Telephone: 7146703958
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 80249
 Mailing City,St,Zip: RCHO STA MARG, CA 926880000
 Gen County: Contra Costa
 TSD EPA ID: CAD008302903
 TSD County: Contra Costa
 Waste Category: Other organic solids
 Disposal Method: Transfer Station
 Tons: 0.4
 Facility County: 7

Gepaid: CAR000100362
 Contact: JACK OMAN WASTE SPECIALIST
 Telephone: 7146703958
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 80249
 Mailing City,St,Zip: RCHO STA MARG, CA 926880000
 Gen County: Contra Costa
 TSD EPA ID: CAD008302903
 TSD County: Los Angeles
 Waste Category: Other organic solids
 Disposal Method: Transfer Station
 Tons: 0.36
 Facility County: Not reported

Gepaid: CAR000100362
 Contact: JACK OMAN WASTE SPECIALIST
 Telephone: 7146703958
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 80249
 Mailing City,St,Zip: RCHO STA MARG, CA 926880000
 Gen County: Contra Costa
 TSD EPA ID: CAD008302903
 TSD County: Los Angeles
 Waste Category: Other organic solids
 Disposal Method: Transfer Station
 Tons: 0.36
 Facility County: Not reported

Gepaid: CAL000244446
 Contact: CARLOS RODRIGUEZ
 Telephone: 7146705402
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 6038
 Mailing City,St,Zip: ARTESIA, CA 907026038

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BRIDGEHEAD INC (Continued)

S101294138

Gen County: Contra Costa
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: 1.03
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: HWY 4
Enf Type: CLOS
Funding: R
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0601300789
Stop Date: Not reported
Confirm Leak: 1993-03-23 00:00:00
Workplan: Not reported
Prelim Assess: 1997-10-14 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2003-06-20 00:00:00
Discover Date: 1993-03-23 00:00:00
Enforcement Dt: 2000-11-08 00:00:00
Release Date: 1993-04-09 00:00:00
Review Date: 2001-04-03 00:00:00
Enter Date: 1993-05-14 00:00:00
MTBE Date: 1999-06-21 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 43.00
Max MTBE Soil ppb: Not reported
County: 07
Org Name: Not reported
Reg Board: 5S
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BRIDGEHEAD INC
RP Address: 2743 G ST, ANTIOCH, CA 94509
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 6
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: PMV
Staff Initials: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BRIDGEHEAD INC (Continued)

S101294138

Lead Agency: Regional Board
Local Agency: 07000
Hydr Basin #: SAN JOAQUIN VALLEY (
Beneficial: Not reported
Priority: 1
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 070070
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: 2 EA 8000 GAL GAS, 1 EA 8000 GAL DIESEL, & 1 EA 300 GAL WASTE OIL TANKS WERE PULLED IN MAR'93. SITE OVEREXCAVATED UNTIL MAJOR HC'S WERE ND. 2 EA MW'S INSTALLED IN OCT'94. 4 MW'S INSTALLED NOV'97.

LUST:

Region: 5
Case Number: 070070
Staff Initials: PMV
Substance: GASOLINE
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Lead Agency: Regional
Program: LUST
MTBE Code: 2

CHMIRS:

OES Incident Number: 01-5832
OES notification: 10/15/200109:26:52 AM
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BRIDGEHEAD INC (Continued)

S101294138

Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Fire Dept.
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 2001
Agency: Arco
Incident Date: 10/13/2001 12:00:00 AM
Admin Agency: Contra Costa County Health Services Dept.
Amount: Not reported
Contained: Yes
Site Type: Service Station
E Date: Not reported
Substance: Gasoline
Quantity Released: Not reported
BBLS: 0
Cups: 0
CUFT: 0
Gallons: 10
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0.000000
Description: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
Description: A hose at service station came loose and spill gasoline.

Cortese:
Region: CORTESE
Facility Addr2: 5540 BRIDGEHEAD RD

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BRIDGEHEAD INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

CONTRA COSTA CO. SITE LIST:
 Region: CONTRA COSTA
 Facility ID: 752684
 Facility Status: ACTIVE
 Tier: Not reported
 Program Status: HWG, UST, Hmmp
 Generator Fee Item: No
 Inactive Date: Not reported

S101294138

X102
 NNW
 > 1
 6525 ft.

**CONTRA COSTA POWER PLT ANTIOCH
 PO BOX 249
 ANTIOCH CA, CA 94509**

**WMUDS/SWAT
 CA WDS**

**S102509496
 N/A**

Site 2 of 2 in cluster X

**Relative:
 Lower**

WMUDS/SWAT:

**Actual:
 35 ft.**

Edit Date: Not reported
 Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.
 Primary Waste: Cooling Water: Noncontact
 Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Base Meridian: Not reported
 NPID: CA0004863
 Tonnage: 0
 Regional Board ID: Not reported
 Municipal Solid Waste: False
 Superorder: False
 Open To Public: False
 Waste List: False
 Agency Type: Private
 Agency Name: SOUTHERN ENERGY DELTA, LLC
 Agency Department: Not reported
 Agency Address: P.O. BOX 249
 Agency City,St,Zip: ANTIOCH CA 94509
 Agency Contact: STEVE GALLO
 Agency Telephone: 9254273500
 Land Owner Name: Not reported
 Land Owner Address: Not reported
 Land Owner City,St,Zip: Not reported
 Land Owner Contact: Not reported
 Land Owner Phone: Not reported
 Region: 5S
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CONTRA COSTA POWER PLT ANTIOCH (Continued)

S102509496

Facility Description: Not reported
 Facility Telephone: Not reported
 SWAT Facility Name: Not reported
 Primary SIC: 4911
 Secondary SIC: Not reported
 Comments: Not reported
 Last Facility Editors: Not reported
 Waste Discharge System: True
 Solid Waste Assessment Test Program: False
 Toxic Pits Cleanup Act Program: True
 Resource Conservation Recovery Act: True
 Department of Defence: False
 Solid Waste Assessment Test Program: Not reported
 Threat to Water Quality: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
 Sub Chapter 15: True
 Regional Board Project Officer: RJ
 Number of WMUDS at Facility: 1
 Section Range: Not reported
 RCRA Facility: Yes
 Waste Discharge Requirements: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 Self-Monitoring Rept. Frequency: Quarterly Submittal
 Waste Discharge System ID: 5B072014008
 Solid Waste Information ID: Not reported

CA WDS:

Facility ID: Sacramento-San Joaquin Delta 072014008
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CA0004863 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 0
 Facility Telephone: 9254273513
 Facility Contact: STEVE GALLO
 Agency Name: MIRANT DELTA LLC
 Agency Address: PO BOX 192
 Agency City,St,Zip: PITTSBURG 94565
 Agency Contact: STEVE GALLO
 Agency Telephone: 9254273513
 Agency Type: Private
 SIC Code: 4911
 SIC Code 2: Not reported
 Primary Waste: Cooling Water: Noncontact
 Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G.,

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CONTRA COSTA POWER PLT ANTIOCH (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102509496

inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 450
 Baseline Flow: 1000
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.

Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.

Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.

**Y103
 NW
 > 1
 7566 ft.**

**RECREATIONAL TRACT
 1030 APOLLO COURT
 ANTIOCH, CA 94509**

**DEED S106152510
 VCP N/A
 ENVIROSTOR**

Site 1 of 2 in cluster Y

**Relative:
 Higher**

**Actual:
 53 ft.**

DEED:
 Area: PROJECT WIDE
 Sub Area: Not reported
 Site Type: VOLUNTARY CLEANUP
 Status: CERTIFIED / OPERATION & MAINTENANCE
 Deed Date(s): 06/30/05

VCP:
 Facility ID: 07790001
 Site Type: Voluntary Cleanup
 Site Type Detail: Voluntary Cleanup
 Acres: 16
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP
 Lead Agency: SMBRP
 Lead Agency Description: Not reported
 Project Manager: JANET NAITO
 Supervisor: Barbara Cook
 Division Branch: North Coast
 Site Code: 201532
 Assembly: 11
 Senate: 07
 Status: Certified / Operation & Maintenance
 Status Date: 2005-06-30 00:00:00
 Restricted Use: YES
 Funding: Responsible Party
 Lat/Long: 38.0114 / -121.7876
 Alias Name: Not reported
 Alias Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RECREATIONAL TRACT (Continued)

S106152510

APN: 051-100-030, 051-100-030-9
APN Description: Not reported
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: 30009
Confirmed Description: Dioxin (as 2,3,7,8-TCDD TEQ)
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: 30009
Media Affected Desc: Not reported
Management Required: ASP, FOUN, DAY, ELD, HOS, LUC, NOWN, NUSE, SCH, RES
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Potential: SOIL
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - PAPER

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 16
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: North Coast
Facility ID: 07790001
Site Code: 201532
Assembly: 11
Senate: 07
Special Program: Designation of Single Agency
Status: Certified / Operation & Maintenance
Status Date: 2005-06-30 00:00:00
Restricted Use: YES
Funding: Responsible Party
Latitude: 38.0114
Longitude: -121.7876

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RECREATIONAL TRACT (Continued)

S106152510

Alias Name: Not reported
 Alias Type: Not reported
 APN: 051-100-030, 051-100-030-9
 APN Description: Not reported
 APN Description: Not reported
 Comments: Not reported
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Confirmed: 30009
 Confirmed Description: Dioxin (as 2,3,7,8-TCDD TEQ)
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: 30009
 Media Affected Desc: Not reported
 Management Required: ASP, FOUN, DAY, ELD, HOS, LUC, NOWN, NUSE, SCH, RES
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Potential: SOIL
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: MANUFACTURING - PAPER

**Y104
 NW
 > 1
 7566 ft.**

**AGRICULTURAL TRACT
 1030 APOLLO COURT
 ANTIOCH, CA 94509**

**DEED S106152506
 VCP N/A
 ENVIROSTOR**

Site 2 of 2 in cluster Y

**Relative:
 Higher**

DEED:
 Area: PROJECT WIDE
 Sub Area: Not reported
 Site Type: VOLUNTARY CLEANUP
 Status: CERTIFIED / OPERATION & MAINTENANCE
 Deed Date(s): 06/30/05

**Actual:
 53 ft.**

VCP:
 Facility ID: 07010012
 Site Type: Voluntary Cleanup
 Site Type Detail: Voluntary Cleanup
 Acres: 16
 National Priorities List: NO

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AGRICULTURAL TRACT (Continued)

S106152506

Cleanup Oversight Agencies: SMBRP, RWQCB 5S - Central Valley, CONTRA COSTA COUNTY
Lead Agency: SMBRP
Lead Agency Description: Not reported
Project Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: North Coast
Site Code: 201532
Assembly: 11
Senate: 07
Status: Certified / Operation & Maintenance
Status Date: 2005-06-30 00:00:00
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 38.0097 / -121.7821
Alias Name: Not reported
Alias Type: Not reported
APN: 051-100-030-9
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: 30009
Confirmed Description: Dioxin (as 2,3,7,8-TCDD TEQ)
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: 30009
Media Affected Desc: Not reported
Management Required: DAY, ELD, HOS, LUC, NUSE, SCH, RES
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Management Required Desc: Not reported
Potential: SOIL
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: AGRICULTURAL - ORCHARD

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 16
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 5S - Central Valley, CONTRA COSTA COUNTY
Lead Agency: SMBRP
Program Manager: JANET NAITO
Supervisor: Barbara Cook

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AGRICULTURAL TRACT (Continued)

S106152506

Division Branch: North Coast
 Facility ID: 07010012
 Site Code: 201532
 Assembly: 11
 Senate: 07
 Special Program: Designation of Single Agency
Status: Certified / Operation & Maintenance
 Status Date: 2005-06-30 00:00:00
 Restricted Use: YES
 Funding: Responsible Party
 Latitude: 38.0097
 Longitude: -121.7821
 Alias Name: Not reported
 Alias Type: Not reported
 APN: 051-100-030-9
 APN Description: Not reported
 Comments: Not reported
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Confirmed: 30009
 Confirmed Description: Dioxin (as 2,3,7,8-TCDD TEQ)
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: 30009
 Media Affected Desc: Not reported
 Management Required: DAY, ELD, HOS, LUC, NUSE, SCH, RES
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Management Required Desc: Not reported
 Potential: SOIL
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: AGRICULTURAL - ORCHARD

Z105
NE
> 1
7917 ft.

DUPONT DE NEMOURS & CO INC
6000 BRIDGEHEAD ROAD
ANTIOCH, CA 94509

ENVIROSTOR S101479932
N/A

Site 1 of 2 in cluster Z

Relative:
Lower

ENVIROSTOR:
 Site Type: Historical
 Site Type Detailed: * Historical
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: DTSC

Actual:
20 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DUPONT DE NEMOURS & CO INC (Continued)

S101479932

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 07280084
Site Code: Not reported
Assembly: 15
Senate: 07
Special Program: Not reported
Status: Refer: RCRA
Status Date: 2002-04-19 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.0077777777778
Longitude: -121.750555555556
Alias Name: Not reported
Alias Type: Not reported
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: 10009, 10061, 10077, 10179, 10193, 10199, 20013, 20023
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

Z106
NE
> 1
7921 ft.

E. I. DUPONT DE NEMOURS & CO
6000 BRIDGEHEAD RD
ANTIOCH, CA 94509

Site 2 of 2 in cluster Z

FINDS
RCRA-LQG
RCRA-TSDF
CORRACTS
CERC-NFRAP
HIST UST

1000111309
CAD009151671

Relative:
Lower

FINDS:

Actual:
20 ft.

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

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

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

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

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

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

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

E. I. DUPONT DE NEMOURS & CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000111309

RCRAInfo Corrective Action Summary:

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 05/04/2005

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 05/04/2005

Event: RFI Workplan Approved

Event Date: 07/26/2004

Event: RFI Workplan Approved

Event Date: 07/09/2004

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

Event Date: 01/10/2001

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

Event Date: 01/10/2001

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

Event Date: 10/08/1997

Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event Date: 10/08/1997

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

Event Date: 02/10/1995

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

E. I. DUPONT DE NEMOURS & CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000111309

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

Event Date: 01/01/1995

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 01/01/1995

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

Event Date: 06/30/1994

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

Event Date: 11/23/1988

Event: Stabilization Construction Completed

Event Date: 09/25/1985

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).

Event Date: 01/28/1985

Event: RFI Approved

Event Date: 02/20/1984

Event: RFI Workplan Approved

Event Date: 01/10/1983

Event: RFI Imposition

Event Date: 01/01/1983

RCRAInfo:

Owner: E I DU PONT DE NEMOURS & CO INC
(302) 774-3788

EPA ID: CAD009151671

Contact: Not reported

Classification: Large Quantity Generator, TSDF

TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Violation Status: Violations exist

Regulation Violated:	264.190-201.J
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/14/1996
Actual Date Achieved Compliance:	06/14/1996
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/14/1996
Penalty Type:	Not reported
Regulation Violated:	262.30-34.C
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/14/1996
Actual Date Achieved Compliance:	05/14/1996
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/14/1996
Penalty Type:	Not reported
Regulation Violated:	262.50-60
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/14/1996
Actual Date Achieved Compliance:	05/14/1996
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/14/1996
Penalty Type:	Not reported
Regulation Violated:	264.10-18.B
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/28/1994
Actual Date Achieved Compliance:	09/28/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/04/1994
Penalty Type:	Not reported
Regulation Violated:	262.50-60
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/28/1994
Actual Date Achieved Compliance:	11/03/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/04/1994
Penalty Type:	Not reported
Regulation Violated:	264.190-201.J
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/28/1994
Actual Date Achieved Compliance:	11/03/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/04/1994
Penalty Type:	Not reported
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/28/1994
Actual Date Achieved Compliance:	09/28/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/04/1994
Penalty Type:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Regulation Violated:	264.190-201.J
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/03/1994
Actual Date Achieved Compliance:	11/03/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/07/1994
Penalty Type:	Proposed Monetary Penalty
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/30/1994
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	262.50-60
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/03/1994
Actual Date Achieved Compliance:	11/03/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/07/1994
Penalty Type:	Proposed Monetary Penalty
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/30/1994
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	264.10-18.B
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/03/1994
Actual Date Achieved Compliance:	09/28/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/07/1994
Penalty Type:	Proposed Monetary Penalty
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/30/1994
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/11/1990
Actual Date Achieved Compliance:	01/11/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/11/1991
Penalty Type:	Not reported
Regulation Violated:	264.70-77.E
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/27/1989
Actual Date Achieved Compliance:	12/11/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/25/1990
Penalty Type:	Not reported
Enforcement Action:	FINAL CONSENT DECREES
Enforcement Action Date:	09/11/1991
Penalty Type:	Not reported
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/27/1989

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

E. I. DUPONT DE NEMOURS & CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000111309

Actual Date Achieved Compliance: 12/11/1990
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/25/1990
Penalty Type: Not reported
Enforcement Action: FINAL CONSENT DECREES
Enforcement Action Date: 09/11/1991
Penalty Type: Not reported
Regulation Violated: 264.110-120.G
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 11/27/1989
Actual Date Achieved Compliance: 12/11/1990
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/25/1990
Penalty Type: Not reported
Enforcement Action: FINAL CONSENT DECREES
Enforcement Action Date: 09/11/1991
Penalty Type: Not reported
Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/30/1988
Actual Date Achieved Compliance: 01/11/1991
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/06/1989
Penalty Type: Not reported
Enforcement Action: FINAL CONSENT DECREES
Enforcement Action Date: 09/11/1991
Penalty Type: Not reported
Regulation Violated: 264.110-120.G
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 11/30/1988
Actual Date Achieved Compliance: 12/11/1990
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/06/1989
Penalty Type: Not reported
Enforcement Action: FINAL CONSENT DECREES
Enforcement Action Date: 09/11/1991
Penalty Type: Not reported
Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 11/01/1988
Actual Date Achieved Compliance: 03/21/1989
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/28/1988
Penalty Type: Not reported
Regulation Violated: 268.7
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 03/31/1988
Actual Date Achieved Compliance: 03/21/1989
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/03/1988

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

E. I. DUPONT DE NEMOURS & CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000111309

Penalty Type:	Not reported
Enforcement Action:	FINAL CONSENT DECREES
Enforcement Action Date:	09/11/1991
Penalty Type:	Not reported
Regulation Violated:	268 ALL
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	03/31/1988
Actual Date Achieved Compliance:	03/21/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/03/1988
Penalty Type:	Not reported
Enforcement Action:	FINAL CONSENT DECREES
Enforcement Action Date:	09/11/1991
Penalty Type:	Not reported
Regulation Violated:	264.90-94.F
Area of Violation:	TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined:	03/29/1988
Actual Date Achieved Compliance:	03/21/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/03/1988
Penalty Type:	Not reported
Enforcement Action:	FINAL CONSENT DECREES
Enforcement Action Date:	09/11/1991
Penalty Type:	Not reported
Regulation Violated:	264.110-120.G
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	03/29/1988
Actual Date Achieved Compliance:	03/21/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/03/1988
Penalty Type:	Not reported
Enforcement Action:	FINAL CONSENT DECREES
Enforcement Action Date:	09/11/1991
Penalty Type:	Not reported
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/29/1988
Actual Date Achieved Compliance:	03/21/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/03/1988
Penalty Type:	Not reported
Enforcement Action:	FINAL CONSENT DECREES
Enforcement Action Date:	09/11/1991
Penalty Type:	Not reported

Penalty Summary:			
Penalty Description	Penalty Date	Penalty Amount	Lead Agency
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Proposed Monetary Penalty	6/30/1994	200000	STATE

There are 22 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
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Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19960514
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19960614
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19960514
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940928
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19941103
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19941103
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940928
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19941103
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940928
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19941103
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910111
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19901211
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19901211
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19901211
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910111
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19901211
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19890321
Other Evaluation	TSD-LAND BAN REQUIREMENTS	19890321
	GENERATOR-LAND BAN REQUIREMENTS	19890321
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19890321
	TSD-GOUNDWATER MONITORING REQUIREMENTS	19890321
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890321

CORRACTS:

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 01/01/1983
 Action: CA100 - RFI Imposition
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 01/01/1995
 Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 01/01/1995
 Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 01/10/1983
 Action: CA150 - RFI Workplan Approved
 NAICS Code(s): 325131

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

E. I. DUPONT DE NEMOURS & CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000111309

Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 01/10/2001
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 325131
Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 01/10/2001
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 325131
Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 01/28/1985
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 325131
Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 02/10/1995
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 325131
Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 02/20/1984
Action: CA200 - RFI Approved
NAICS Code(s): 325131
Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 05/04/2005

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
 Migration of Contaminated Groundwater Under Control has been verified
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: FLOURIDE & IRON CHLORIDE SYST.
 Actual Date: 06/30/1994
 Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction
 and treatment
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 06/30/1994
 Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction
 and treatment
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 07/09/2004
 Action: CA150 - RFI Workplan Approved
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 07/26/2004
 Action: CA150 - RFI Workplan Approved
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 09/25/1985
 Action: CA650 - Stabilization Construction Completed
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 10/08/1997
 Action: CA225YE - Stabilization Measures Evaluation, This facility ,is
 amenable to stabilization activity based on the, status of corrective
 action work at the facility, technical factors, the degree of risk,
 timing considerations and administrative considerations
 NAICS Code(s): 325131
 Inorganic Dye and Pigment Manufacturing

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

E. I. DUPONT DE NEMOURS & CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000111309

EPA ID: CAD009151671
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 10/08/1997
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 325131
Inorganic Dye and Pigment Manufacturing

EPA ID: CAD009151671
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 11/23/1988
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 325131
Inorganic Dye and Pigment Manufacturing

CERC-NFRAP:
Site ID: 0901175
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

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

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: DUPONT ANTIOCH WORKS
Alias Address: Not reported
CA
Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 11/01/1979
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 03/01/1985
Priority Level: High

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 03/01/1985
Priority Level: High

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 11/23/1988
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 09/13/1990
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/13/1990
Priority Level: NFRAP (No Further Remedial Action Planned)

HIST UST:

Region: STATE
Facility ID: 00000008471
Tank Num: 001
Container Num: 101
Year Installed: 1969
Tank Capacity: 00751000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 4 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 002
Container Num: 102
Year Installed: 1971
Tank Capacity: 02478000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 4 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 003

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Container Num: 103
Year Installed: 1972
Tank Capacity: 02260000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 4 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 004
Container Num: 104
Year Installed: 1956
Tank Capacity: 01870000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 120 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 005
Container Num: 105
Year Installed: 1956
Tank Capacity: 01870000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 120 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 006

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Container Num: 106
Year Installed: 1956
Tank Capacity: 00001500
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 007
Container Num: 107
Year Installed: 1972
Tank Capacity: 00003800
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 8 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 008
Container Num: 111
Year Installed: 1974
Tank Capacity: 00001400
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 009

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Container Num: 112
Year Installed: 1956
Tank Capacity: 00006227
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: Not reported
Type of Fuel: Not reported
Tank Construction: 10 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 010
Container Num: 113
Year Installed: 1967
Tank Capacity: 00019400
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: Not reported
Type of Fuel: Not reported
Tank Construction: 10 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 011
Container Num: 114
Year Installed: 1965
Tank Capacity: 00048800
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: Not reported
Type of Fuel: Not reported
Tank Construction: 12 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 012

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Container Num: 115
Year Installed: 1956
Tank Capacity: 00004320
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: Not reported
Type of Fuel: Not reported
Tank Construction: 8 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 013
Container Num: 201
Year Installed: 1961
Tank Capacity: 00002400
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 2 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 014
Container Num: 202
Year Installed: 1979
Tank Capacity: 00000540
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 0.5 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 015

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Container Num: 301
Year Installed: 1962
Tank Capacity: 01000000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 016
Container Num: 302
Year Installed: 1965
Tank Capacity: 01000000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 017
Container Num: 303
Year Installed: 1982
Tank Capacity: 00042500
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 8 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 018

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Container Num: 304
Year Installed: 1971
Tank Capacity: 00035400
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 8 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 019
Container Num: 305
Year Installed: 1962
Tank Capacity: 00004300
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 10 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 020
Container Num: 306
Year Installed: 1984
Tank Capacity: 00001300
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 3/8 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 021

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Container Num: 307
Year Installed: 1962
Tank Capacity: 00006000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 10 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 022
Container Num: 308
Year Installed: 1963
Tank Capacity: 00006988
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0.25 inches
Leak Detection: Not reported
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 023
Container Num: 401
Year Installed: 1956
Tank Capacity: 00000420
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 024

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Container Num: 402
Year Installed: 1956
Tank Capacity: 00025000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 5/16 inches
Leak Detection: None
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 025
Container Num: 403
Year Installed: 1962
Tank Capacity: 00001000
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 0.25 inches
Leak Detection: Stock Inventor
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 026
Container Num: 404
Year Installed: 1979
Tank Capacity: 00000515
Facility Type: Other
Other Type: CHEMICAL MFG.
Total Tanks: 0028
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 12 gauge
Leak Detection: Stock Inventor
Contact Name: D.T. ARGYRIOU
Telephone: 4157796371
Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
Owner Address: P.O. BOX 310
Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
Facility ID: 00000008471
Tank Num: 027

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

E. I. DUPONT DE NEMOURS & CO (Continued)

1000111309

Container Num: 405
 Year Installed: 1975
 Tank Capacity: 00005000
 Facility Type: Other
 Other Type: CHEMICAL MFG.
 Total Tanks: 0028
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 0.25 inches
 Leak Detection: Stock Inventor
 Contact Name: D.T. ARGYRIOU
 Telephone: 4157796371
 Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
 Owner Address: P.O. BOX 310
 Owner City,St,Zip: ANTIOCH, CA 94509

Region: STATE
 Facility ID: 00000008471
 Tank Num: 028
 Container Num: 406
 Year Installed: 1962
 Tank Capacity: 00001001
 Facility Type: Other
 Other Type: CHEMICAL MFG.
 Total Tanks: 0028
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Tank Construction: 6 inches
 Leak Detection: None
 Contact Name: D.T. ARGYRIOU
 Telephone: 4157796371
 Owner Name: E.I. DU PONT DE NEMOURS&CO.INC
 Owner Address: P.O. BOX 310
 Owner City,St,Zip: ANTIOCH, CA 94509

**107
 East
 > 1
 8489 ft.**

**NEW OAKLEY RD ES
 LIVE OAKE AVE/OAKLEY RD
 OAKLEY, CA 94561**

**SCH S107027232
 ENVIROSTOR N/A**

**Relative:
 Lower**

SCH:
 Facility ID: 07820015
 Site Type: School Investigation
 Site Type Detail: School
 Acres: 19
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP
 Lead Agency: SMBRP
 Lead Agency Description: Not reported
 Project Manager: NEAL HUTCHISON
 Supervisor: Mark Malinowski
 Division Branch: School Evaluation - Glendale / Sacramento
 Site Code: 204154-11
 Assembly: 15
 Senate: 07
 Special Program Status: Not reported
 Status: No Further Action
 Status Date: 2005-09-15 00:00:00

**Actual:
 0 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

NEW OAKLEY RD ES (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S107027232

Restricted Use: NO
 Funding: School District
 Latitude: 38.0000253012048
 Longitude: -121.74015
 Alias Name: Not reported
 Alias Type: Not reported
 APN: NONE SPECIFIED
 APN Description: Not reported
 Comments: Not reported
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Confirmed: 30021-NO,30023-NO,30001-NO,30004-NO,30005-NO,30006,30007,30008,30013-N
 ,30014-NO,3002502-NO
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: DDD
 Confirmed Description: DDE
 Confirmed Description: DDT
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Confirmed Description: Not reported
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: 30001, 30004, 30005, 30006, 30007, 30008, 30013, 30014, 30021, 30023,
 3002502
 Media Affected Desc: Not reported
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 Media Affected Desc: Not reported
 Media Affected Desc: Not reported
 Management Required: NONE SPECIFIED
 Management Required Desc: Not reported
 Potential: SOIL
 Potential Description: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported
 PastUse: AGRICULTURAL - ORCHARD, EQUIPMENT/INSTRUMENT REPAIR, RESIDENTIAL AREA,
 VEHICLE MAINTENANCE

ENVIROSTOR:
 Site Type: School Investigation

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

NEW OAKLEY RD ES (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S107027232

<p>Site Type Detailed: School Acres: 19 NPL: NO Regulatory Agencies: SMBRP Lead Agency: SMBRP Program Manager: NEAL HUTCHISON Supervisor: Mark Malinowski Division Branch: School Evaluation - Glendale / Sacramento Facility ID: 07820015 Site Code: 204154-11 Assembly: 15 Senate: 07 Special Program: Not reported Status: No Further Action Status Date: 2005-09-15 00:00:00 Restricted Use: NO Funding: School District Latitude: 38.0000253012048 Longitude: -121.74015 Alias Name: Not reported Alias Type: Not reported APN: NONE SPECIFIED APN Description: Not reported Comments: Not reported Completed Area Name: Not reported Completed Sub Area Name: Not reported Completed Document Type: Not reported Completed Date: Not reported Confirmed: 30021-NO,30023-NO,30001-NO,30004-NO,30005-NO,30006,30007,30008,30013-N ,30014-NO,3002502-NO Confirmed Description: Not reported Confirmed Description: Not reported Confirmed Description: Not reported Confirmed Description: Not reported Confirmed Description: Not reported Confirmed Description: DDD Confirmed Description: DDE Confirmed Description: DDT Confirmed Description: Not reported Confirmed Description: Not reported Confirmed Description: Not reported Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Media Affected: 30001, 30004, 30005, 30006, 30007, 30008, 30013, 30014, 30021, 30023, 3002502 Media Affected Desc: Not reported Media Affected Desc: Not reported Media Affected Desc: Not reported Media Affected Desc: Not reported Media Affected Desc: Not reported Media Affected Desc: Not reported Media Affected Desc: Not reported Media Affected Desc: Not reported Media Affected Desc: Not reported Media Affected Desc: Not reported Media Affected Desc: Not reported</p>	<p>Site</p>
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Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEW OAKLEY RD ES (Continued)

EDR ID Number
EPA ID Number

Database(s)

S107027232

Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: SOIL
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: AGRICULTURAL - ORCHARD, EQUIPMENT/INSTRUMENT REPAIR, RESIDENTIAL AREA,
VEHICLE MAINTENANCE

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ANTIOCH	S106932144	SHERMAN ISL. DEHYDRATOR-ODORAN	HIGHWAY 160	94509	SWEEPS UST
ANTIOCH	1009648617		EAST 18TH STREET WEST OF CAVAL	94509	DOT OPS
ANTIOCH	S106152507	VINEYARD TRACT	E. 18TH STREET	94509	VCP, ENVIROSTOR
ANTIOCH	S103678955	CHEVRON 93801	HWY 4/NEROLY RD	94509	HAZNET
ANTIOCH	S107532494		3000 BLOCK VIERA AVE	94509	CDL
ANTIOCH	S106666501	CHEVRON SS# 96946	BRIDGEHEAD RD / HWY 4	94509	CONTRA COSTA CO. SITE LIST
ANTIOCH	S102259868	CAMARA, JOHN & MARGARET	DEER VALLEY RD	94509	CONTRA COSTA CO. SITE LIST
ANTIOCH	S103678576	VENTURINI ASSOC INC	DEER VALLEY RD	94509	HAZNET
ANTIOCH	S105725975	DENTISTRY FOR CHILDREN	5201 DEER VALLEY RD STE 2A	94509	HAZNET
ANTIOCH	U004050610	HILLCREST PUMP STATION	HILLCREST AVE	94531	UST
ANTIOCH	S103980620	PACIFIC GAS & ELECTRIC COMPANY	211 HILLCREST AVE	94509	HAZNET
ANTIOCH	S103679048	PG&E ANTIOCH MAINT STATION	INTERSECT NEROLY RD / HWY 4	94509	HAZNET
ANTIOCH	S103679434	PG&E OAKLEY RD METER SITE	OAKLEY RD @ PHILLIPS LANE	94509	HAZNET
ANTIOCH	S106230279	HICKSON-KERLEY (FORMER), F.K.P., I	3951 OAKLEY RD AT SOUTH END OF		SLIC
ANTIOCH	A100108075	CONTRA COSTA SUBSTATION	E OF HILLCREST AVE,NO. OF HWY4		AST
ANTIOCH	1000252416	CALIFORNIA ORGANICS	445 A OLD HWY 4	94509	RCRA-SQG, FINDS
ANTIOCH	S108484459	AMERICAN MEDICAL RESPONSE	331 SUNSET DR #E		CONTRA COSTA CO. SITE LIST
ANTIOCH	S103172117	SMITH'S INDUSTRIAL WELDING INC	2501 VINE LN	94509	CONTRA COSTA CO. SITE LIST
ANTIOCH	S108221676	SUN GRAPHICS	1781 VINEYARD DR STE 100	94509	HAZNET
ANTIOCH	1000355266	FIBREBOARD CORPORATION	WILBUR AVENUE	94509	HIST UST
ANTIOCH	S102259989	LINCOLN PROPERTIES	4650 WILBUR AVE	94509	CONTRA COSTA CO. SITE LIST
ANTIOCH	S106152511	INDUSTRIAL LOT WITH TANK	WILBUR AVENUE	94509	VCP, ENVIROSTOR
ANTIOCH	S106837035	PACIFIC GAS AND ELECTRIC CO, A	WILBUR AVENUE	94509	EMI
ANTIOCH	S106928741	LLOYD'S HOLIDAY HARBOR	WILBUR AVE	94509	SWEEPS UST
ANTIOCH	S103680242	HICKSON CORPORATION	WILLOW AVE @ S PACIFIC RR	94509	HAZNET
ANTIOCH	S106832538	HICKSON KERLEY, INC	WILLOW AVENUE	94509	EMI
ANTIOCH	S104532777	PDQ PRODUCTS INC	WILLOW AVE EXTENSION		CONTRA COSTA CO. SITE LIST
OAKLEY	U001597812	J.J. LEWIS RANCH	RT. #1 RFD BOX 145 NEROLY RD.	94561	HIST UST
OAKLEY	A100184497	PUMPING PLANT 1	HWY 4 & ROSE AVE	94561	AST
OAKLEY	S106926570	GAS MACHINE	5540 HWY 4 / BRIDGEHEAD RD	94561	SWEEPS UST
OAKLEY	S106929309	MELLO'S SHEET METAL	HWY 4 AT BRIDGEHEAD	94561	SWEEPS UST
OAKLEY	S103976753	MAURICE LODGE	5540 HWY 4 @ BRIDGEHEAD RD	94509	HAZNET
OAKLEY	S105850336	VENOCO, INC	HWY 4/SUNSET AVE	94561	CONTRA COSTA CO. SITE LIST
OAKLEY	S100223761	A & A MOBIL	407 MAIN ST	94561	LUST, Cortese, CONTRA COSTA CO. SITE LIST, SWEEPS UST
OAKLEY	S105035163	OAKLEY BUILDERS SUPPLY	800 MAIN ST	94561	LUST, Cortese, CONTRA COSTA CO. SITE LIST
OAKLEY	S106930066	OAKLEY BUILDERS SUPPLY	800 MAIN ST HWY 4	94561	SWEEPS UST
OAKLEY	1005904279	CHEVRON STATION NO 93801	5433 NEROLY RD AND HWY 4	94561	RCRA-SQG, FINDS
OAKLEY	S106230280	PG&E GAS DEHYDRATOR STATION, DUTCH	OAKLEY RD.	94561	SLIC
OAKLEY	U001597816	OAKLEY BETHEL ISLAND WASTEWATE	750 OAKLEY RD	94561	HIST UST, SWEEPS UST
OAKLEY	1001459705	P G AND E DUTCH SLOUGH DEHYDRATOR	OAKLEY RD AND HWY 4	94561	RCRA-SQG, FINDS, HAZNET
OAKLEY	S102261425	SHOSHONE OIL CORPORATION	OAKLEY GAS FIELD-HWY 4	94561	CONTRA COSTA CO. SITE LIST

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OAKLEY	S102261448	WESTERN CONT'L NGC-KYSH-1	SUNSET/HWY 4	94561	CONTRA COSTA CO. SITE LIST

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.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 04/20/2007	Source: EPA
Date Data Arrived at EDR: 05/03/2007	Telephone: N/A
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/20/2007	Source: EPA
Date Data Arrived at EDR: 05/03/2007	Telephone: N/A
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 04/20/2007	Source: EPA
Date Data Arrived at EDR: 05/03/2007	Telephone: N/A
Date Made Active in Reports: 06/25/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 53	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/21/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 02/27/2007	Source: EPA
Date Data Arrived at EDR: 03/21/2007	Telephone: 703-412-9810
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/20/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 03/21/2007	Source: EPA
Date Data Arrived at EDR: 04/27/2007	Telephone: 703-412-9810
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007	Source: EPA
Date Data Arrived at EDR: 03/20/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/04/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: (415) 495-8895
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 07/16/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 07/23/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 10/22/2007
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/05/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/17/2007	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 07/18/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 04/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/26/2007	Telephone: 703-603-8905
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/01/2007
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 04/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/26/2007	Telephone: 703-603-8905
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/01/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/11/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/06/2007
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 07/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/01/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/04/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/04/2007	Telephone: 202-566-2777
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 06/11/2007
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 08/23/2006	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 03/06/2007	Telephone: Varies
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 07/24/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/22/2007
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 03/27/2007	Source: EPA
Date Data Arrived at EDR: 03/27/2007	Telephone: 703-416-0223
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/01/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 07/05/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 04/27/2007	Telephone: 202-566-0250
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 06/19/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/30/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/13/2007	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/25/2007	Telephone: 202-566-1667
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

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

Date of Government Version: 04/13/2007	Source: EPA
Date Data Arrived at EDR: 04/25/2007	Telephone: 202-566-1667
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 03/13/2007	Telephone: 202-564-4203
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 07/16/2007
Number of Days to Update: 45	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: Annually

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 03/08/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/12/2007	Telephone: 202-564-6023
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 32	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 05/01/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/03/2007	Telephone: 202-343-9775
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/29/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

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

Date of Government Version: 02/21/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/03/2007	Telephone: 202-564-5088
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 06/22/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/16/2007
	Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/11/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2007	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/30/2007	Telephone: 202-366-4595
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/30/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: Varies

PADS: PCB Activity Database System

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

Date of Government Version: 10/17/2006	Source: EPA
Date Data Arrived at EDR: 11/29/2006	Telephone: 202-566-0500
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/08/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/06/2007
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 04/05/2007	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/25/2007	Telephone: 301-415-7169
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/01/2007
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 02/06/2007	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/28/2007	Telephone: 303-231-5959
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 06/28/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/12/2007	Source: EPA
Date Data Arrived at EDR: 05/17/2007	Telephone: (415) 947-8000
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/01/2007
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/04/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 06/12/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Biennially

USGS WATER WELLS: National Water Information System (NWIS)

This database consists of well records in the United States. Available site descriptive information includes well location information (latitude and longitude, well depth, site use, water use, and aquifer).

Date of Government Version: 03/25/2005	Source: USGS
Date Data Arrived at EDR: 03/25/2005	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: 03/25/2005
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: N/A

PWS: Public Water System Data

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 02/24/2000	Source: EPA
Date Data Arrived at EDR: 04/27/2005	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: 05/21/2007
Number of Days to Update: 0	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 05/25/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 05/29/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/30/2007	Telephone: 916-323-3400
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/30/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 07/30/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 06/11/2007	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 06/13/2007	Telephone: 916-341-6320
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 06/13/2007
Number of Days to Update: 16	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 06/20/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 06/04/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 04/01/2001	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 05/29/2001	Telephone: 916-323-3400
Date Made Active in Reports: 07/26/2001	Last EDR Contact: 07/23/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/22/2007
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 04/09/2007	Source: Department of Conservation
Date Data Arrived at EDR: 04/11/2007	Telephone: 916-323-3836
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 07/11/2007
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/08/2007
	Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 05/21/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 07/16/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 05/07/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/06/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 07/02/2007
Next Scheduled EDR Contact: 10/01/2007
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 06/04/2007
Next Scheduled EDR Contact: 09/03/2007
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 04/25/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 15

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/20/2007
Next Scheduled EDR Contact: 10/01/2007
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 06/25/2007
Next Scheduled EDR Contact: 09/24/2007
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 05/14/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 07/09/2007
Next Scheduled EDR Contact: 10/08/2007
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 04/10/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 16

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 07/11/2007
Next Scheduled EDR Contact: 10/08/2007
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

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

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

SLIC: Statewide SLIC Cases

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

Date of Government Version: 04/10/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 16

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/11/2007
Next Scheduled EDR Contact: 10/08/2007
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/09/2007
Next Scheduled EDR Contact: 10/08/2007
Data Release Frequency: Quarterly

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 05/14/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: Semi-Annually

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/23/2007
Next Scheduled EDR Contact: 10/22/2007
Data Release Frequency: Varies

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

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

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 07/02/2007
Next Scheduled EDR Contact: 10/01/2007
Data Release Frequency: Semi-Annually

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 07/02/2007
Next Scheduled EDR Contact: 10/01/2007
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 06/04/2007
Next Scheduled EDR Contact: 09/03/2007
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

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

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: No Update Planned

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 07/17/2007
Next Scheduled EDR Contact: 10/01/2007
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 03/13/2007
Date Data Arrived at EDR: 03/14/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 23

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 06/29/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/10/2007
Date Data Arrived at EDR: 07/11/2007
Date Made Active in Reports: 07/25/2007
Number of Days to Update: 14

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 07/11/2007
Next Scheduled EDR Contact: 10/08/2007
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 06/25/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/25/2007
Number of Days to Update: 29

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/25/2007
Next Scheduled EDR Contact: 09/24/2007
Data Release Frequency: Varies

HIST UST: Hazardous Substance Storage Container Database

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

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

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

LIENS: Environmental Liens Listing

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

Date of Government Version: 05/07/2007
Date Data Arrived at EDR: 05/08/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 17

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/22/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 05/01/2007
Date Data Arrived at EDR: 05/01/2007
Date Made Active in Reports: 05/25/2007
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 07/30/2007
Next Scheduled EDR Contact: 10/29/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2005	Source: Office of Emergency Services
Date Data Arrived at EDR: 02/23/2007	Telephone: 916-845-8400
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 07/16/2007
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

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

Date of Government Version: 04/03/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/05/2007	Telephone: 916-323-3400
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 07/03/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/01/2007
	Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 05/29/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/30/2007	Telephone: 916-323-3400
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/30/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 04/18/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 04/18/2005	Telephone: 916-327-4498
Date Made Active in Reports: 05/06/2005	Last EDR Contact: 07/30/2007
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/01/2007
	Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 03/01/2007	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 03/13/2007	Telephone: 213-576-6726
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 07/27/2007
Number of Days to Update: 24	Next Scheduled EDR Contact: 10/22/2007
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/07/2007	Telephone: 916-255-6504
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 07/23/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/22/2007
	Data Release Frequency: Varies

RESPONSE: State Response Sites

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

Date of Government Version: 05/29/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/30/2007	Telephone: 916-323-3400
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/30/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2005	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 11/20/2006	Telephone: 916-255-1136
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 05/11/2007
Number of Days to Update: 44	Next Scheduled EDR Contact: 08/06/2007
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2005	Source: California Air Resources Board
Date Data Arrived at EDR: 04/17/2007	Telephone: 916-322-2990
Date Made Active in Reports: 05/10/2007	Last EDR Contact: 07/20/2007
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 06/07/2007

Date Data Arrived at EDR: 06/08/2007

Date Made Active in Reports: 06/29/2007

Number of Days to Update: 21

Source: Integrated Waste Management Board

Telephone: 916-341-6422

Last EDR Contact: 05/11/2007

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 05/29/2007

Date Data Arrived at EDR: 05/30/2007

Date Made Active in Reports: 06/29/2007

Number of Days to Update: 30

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 05/30/2007

Next Scheduled EDR Contact: 08/27/2007

Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 12/08/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710

Last EDR Contact: 05/11/2007

Next Scheduled EDR Contact: 08/06/2007

Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006

Date Data Arrived at EDR: 12/01/2006

Date Made Active in Reports: 01/29/2007

Number of Days to Update: 59

Source: EPA Region 1

Telephone: 617-918-1313

Last EDR Contact: 05/21/2007

Next Scheduled EDR Contact: 08/20/2007

Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007

Date Data Arrived at EDR: 06/14/2007

Date Made Active in Reports: 07/05/2007

Number of Days to Update: 21

Source: EPA Region 7

Telephone: 913-551-7003

Last EDR Contact: 05/21/2007

Next Scheduled EDR Contact: 08/20/2007

Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005

Date Data Arrived at EDR: 01/21/2005

Date Made Active in Reports: 02/28/2005

Number of Days to Update: 38

Source: EPA Region 6

Telephone: 214-665-6597

Last EDR Contact: 05/21/2007

Next Scheduled EDR Contact: 08/20/2007

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 03/20/2007	Source: EPA Region 4
Date Data Arrived at EDR: 04/16/2007	Telephone: 404-562-8677
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/30/2007	Source: EPA Region 8
Date Data Arrived at EDR: 05/31/2007	Telephone: 303-312-6271
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/23/2007	Source: EPA Region 10
Date Data Arrived at EDR: 05/24/2007	Telephone: 206-553-2857
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/18/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/18/2007	Telephone: 415-972-3372
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 06/06/2007	Source: EPA Region 6
Date Data Arrived at EDR: 06/07/2007	Telephone: 214-665-7591
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 03/20/2007	Source: EPA Region 4
Date Data Arrived at EDR: 04/16/2007	Telephone: 404-562-9424
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 06/18/2007	Source: EPA Region 9
Date Data Arrived at EDR: 06/18/2007	Telephone: 415-972-3368
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 05/21/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 05/30/2007	Source: EPA Region 8
Date Data Arrived at EDR: 05/31/2007	Telephone: 303-312-6137
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 05/23/2007	Source: EPA Region 10
Date Data Arrived at EDR: 05/24/2007	Telephone: 206-553-2857
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 04/24/2007
Date Data Arrived at EDR: 04/26/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 14

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/23/2007
Next Scheduled EDR Contact: 10/22/2007
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/24/2007
Date Data Arrived at EDR: 04/26/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 11

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/23/2007
Next Scheduled EDR Contact: 10/22/2007
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 05/29/2007
Date Data Arrived at EDR: 05/31/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 29

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/29/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 17

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/17/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 06/20/2007
Date Data Arrived at EDR: 06/21/2007
Date Made Active in Reports: 07/25/2007
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/18/2007
Next Scheduled EDR Contact: 09/03/2007
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

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

Date of Government Version: 12/31/1998	Source: EPA Region 9
Date Data Arrived at EDR: 07/07/1999	Telephone: 415-972-3178
Date Made Active in Reports: N/A	Last EDR Contact: 07/16/2007
Number of Days to Update: 0	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2007	Source: Department of Public Works
Date Data Arrived at EDR: 04/12/2007	Telephone: 626-458-3517
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 05/14/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/13/2007
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 05/15/2007	Source: La County Department of Public Works
Date Data Arrived at EDR: 06/08/2007	Telephone: 818-458-5185
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/16/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/13/2007
	Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007	Source: Engineering & Construction Division
Date Data Arrived at EDR: 03/27/2007	Telephone: 213-473-7869
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/11/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 12/04/2006	Source: Community Health Services
Date Data Arrived at EDR: 01/09/2007	Telephone: 323-890-7806
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 05/14/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/13/2007
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 05/14/2007	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 05/15/2007	Telephone: 310-524-2236
Date Made Active in Reports: 06/25/2007	Last EDR Contact: 05/14/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/13/2007
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/28/2003	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 10/23/2003	Telephone: 562-570-2563
Date Made Active in Reports: 11/26/2003	Last EDR Contact: 05/30/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 05/29/2007
Date Data Arrived at EDR: 05/29/2007
Date Made Active in Reports: 06/25/2007
Number of Days to Update: 27

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 05/29/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 05/08/2007
Date Data Arrived at EDR: 06/08/2007
Date Made Active in Reports: 07/25/2007
Number of Days to Update: 47

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/30/2007
Next Scheduled EDR Contact: 10/29/2007
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 17

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 07/24/2007
Next Scheduled EDR Contact: 09/24/2007
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/24/2007
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 07/24/2007
Next Scheduled EDR Contact: 09/24/2007
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/19/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 10

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/06/2007
Next Scheduled EDR Contact: 09/03/2007
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/19/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 10

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/06/2007
Next Scheduled EDR Contact: 09/03/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/01/2007	Source: Health Care Agency
Date Data Arrived at EDR: 06/19/2007	Telephone: 714-834-3446
Date Made Active in Reports: 07/25/2007	Last EDR Contact: 06/06/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/04/2007	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 04/05/2007	Telephone: 530-889-7312
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/18/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/21/2007	Source: Department of Public Health
Date Data Arrived at EDR: 05/22/2007	Telephone: 951-358-5055
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 07/16/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 05/21/2007	Source: Health Services Agency
Date Data Arrived at EDR: 05/22/2007	Telephone: 951-358-5055
Date Made Active in Reports: 06/25/2007	Last EDR Contact: 07/16/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

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

Date of Government Version: 05/04/2007	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 05/23/2007	Telephone: 916-875-8406
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/01/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 05/04/2007	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 05/24/2007	Telephone: 916-875-8406
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/01/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Permits

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

Date of Government Version: 03/23/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 06/04/2007
Next Scheduled EDR Contact: 09/03/2007
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 07/05/2007
Next Scheduled EDR Contact: 10/01/2007
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 06/04/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Varies

Environmental Case Listing

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

Date of Government Version: 03/29/2007
Date Data Arrived at EDR: 04/24/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 16

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 07/03/2007
Next Scheduled EDR Contact: 10/01/2007
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

Date of Government Version: 06/08/2007
Date Data Arrived at EDR: 06/12/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 17

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 06/04/2007
Next Scheduled EDR Contact: 09/03/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 06/08/2007	Source: Department of Public Health
Date Data Arrived at EDR: 06/12/2007	Telephone: 415-252-3920
Date Made Active in Reports: 07/25/2007	Last EDR Contact: 06/04/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 04/06/2007	Source: Environmental Health Department
Date Data Arrived at EDR: 04/10/2007	Telephone: N/A
Date Made Active in Reports: 04/24/2007	Last EDR Contact: 07/30/2007
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 04/30/2007	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 05/01/2007	Telephone: 650-363-1921
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 07/09/2007
Number of Days to Update: 24	Next Scheduled EDR Contact: 10/08/2007
	Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 04/11/2007	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 04/12/2007	Telephone: 650-363-1921
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 07/09/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/08/2007
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 06/25/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: No Update Planned

LOP Listing

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

Date of Government Version: 03/26/2007	Source: Department of Environmental Health
Date Data Arrived at EDR: 03/27/2007	Telephone: 408-918-3417
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/25/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 06/11/2007	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 06/12/2007	Telephone: 408-277-4659
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 06/04/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 03/26/2007	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 04/16/2007	Telephone: 707-784-6770
Date Made Active in Reports: 05/10/2007	Last EDR Contact: 07/09/2007
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/26/2007	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 04/18/2007	Telephone: 707-784-6770
Date Made Active in Reports: 05/07/2007	Last EDR Contact: 07/09/2007
Number of Days to Update: 19	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/23/2007	Source: Department of Health Services
Date Data Arrived at EDR: 04/24/2007	Telephone: 707-565-6565
Date Made Active in Reports: 05/10/2007	Last EDR Contact: 07/09/2007
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/22/2007
	Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 05/04/2007	Telephone: 530-822-7500
Date Made Active in Reports: 05/24/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/01/2007
	Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/2007
Date Data Arrived at EDR: 06/22/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 7

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2007
Next Scheduled EDR Contact: 09/10/2007
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 09/05/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 30

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/05/2007
Date Data Arrived at EDR: 06/21/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 8

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2007
Next Scheduled EDR Contact: 09/10/2007
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 03/28/2007
Date Data Arrived at EDR: 04/24/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 13

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/11/2007
Next Scheduled EDR Contact: 10/08/2007
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 04/30/2007
Date Data Arrived at EDR: 05/15/2007
Date Made Active in Reports: 06/25/2007
Number of Days to Update: 41

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 07/30/2007
Next Scheduled EDR Contact: 10/15/2007
Data Release Frequency: Annually

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/13/2007
Next Scheduled EDR Contact: 09/10/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 04/05/2007
Date Made Active in Reports: 05/08/2007
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/03/2007
Next Scheduled EDR Contact: 10/01/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 10/26/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/05/2007
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 06/01/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/11/2007
Next Scheduled EDR Contact: 09/10/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/18/2007
Next Scheduled EDR Contact: 09/17/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/09/2007
Next Scheduled EDR Contact: 10/08/2007
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

COUNTY CROSSINGS
WILLOW AVE. AND OAKLEY RD.
ANTIOCH, CA 94509

TARGET PROPERTY COORDINATES

Latitude (North):	37.99750 - 37° 59' 51.0"
Longitude (West):	121.771 - 121° 46' 15.6"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	607911.3
UTM Y (Meters):	4206044.5
Elevation:	41 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-H7 ANTIOCH SOUTH, CA
Most Recent Revision:	1980
North Map:	38121-A7 ANTIOCH NORTH, CA
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

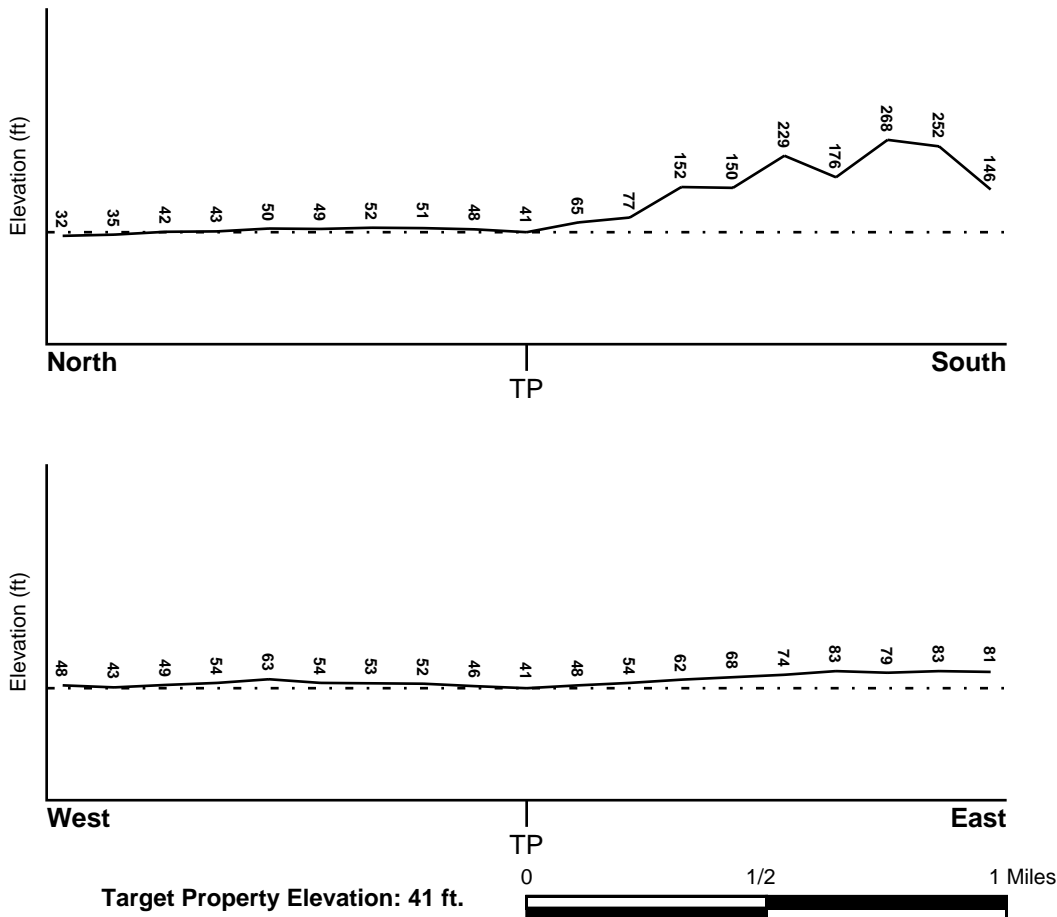
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood</u>
CONTRA COSTA, CA	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0600260003C

Additional Panels in search area:

- 0600260002D
- 0600250145B
- 0600250335B
- 0600260005C
- 0600260006D

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

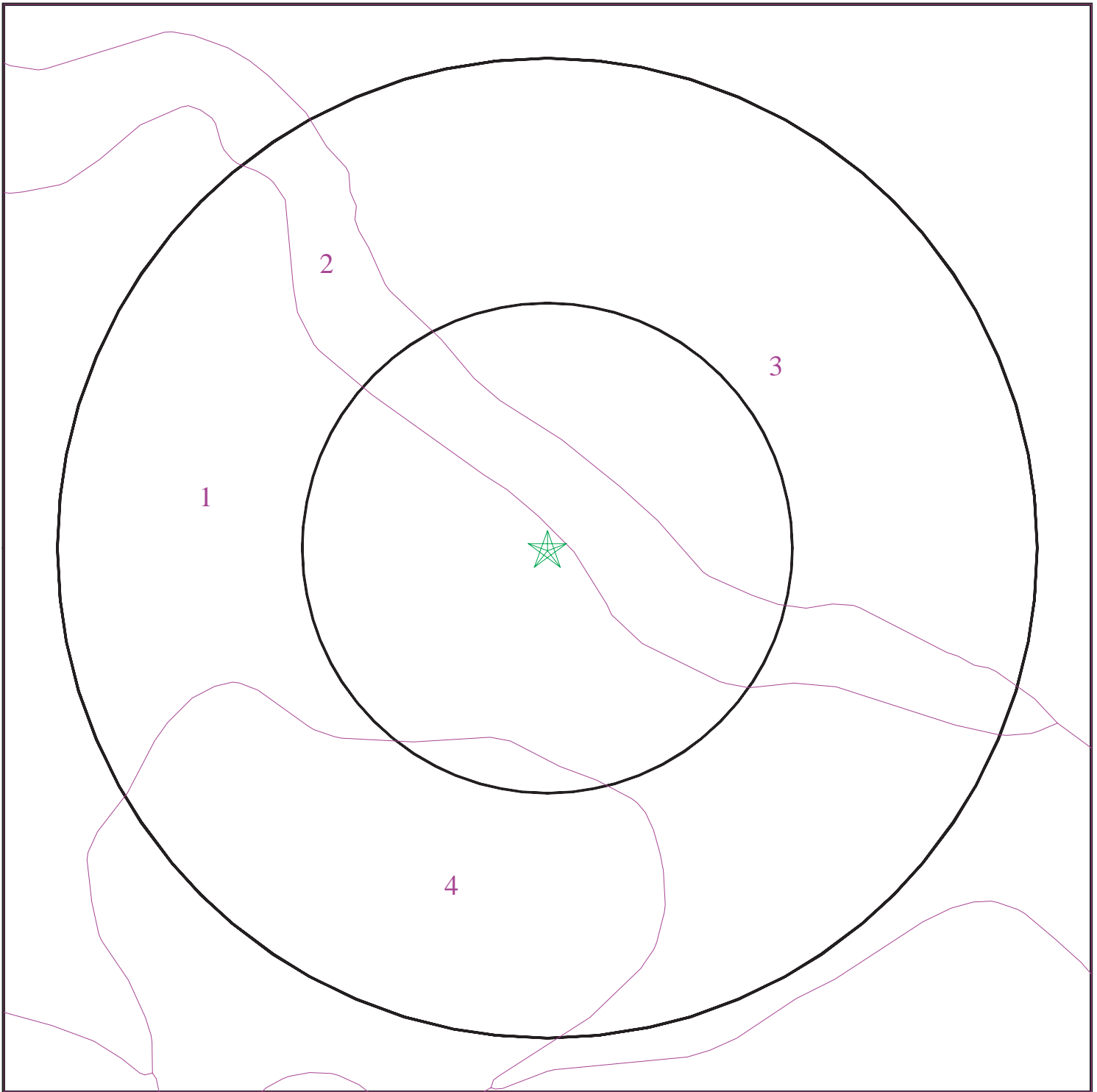
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 01991962.2r



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: County Crossings
ADDRESS: Willow Ave. and Oakley Rd.
Antioch CA 94509
LAT/LONG: 37.9975 / 121.7710

CLIENT: Engeo Inc.
CONTACT: Lu Damerell
INQUIRY #: 01991962.2r
DATE: July 30, 2007 9:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: ZAMORA

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. 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: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 0.20 Min: 0.06	Max: 7.30 Min: 6.10
2	16 inches	72 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 6.10

Soil Map ID: 2

Soil Component Name: SYCAMORE

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	15 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.60
2	15 inches	27 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 8.40 Min: 6.60
3	27 inches	60 inches	stratified	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 6.60

Soil Map ID: 3

Soil Component Name: DELHI

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low 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: LOW

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 6.10
2	5 inches	60 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.60

Soil Map ID: 4

Soil Component Name: CAPAY

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	15 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
1	0 inches	36 inches	clay	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 Soils.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	36 inches	51 inches	clay	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 Soils.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	15 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
3	51 inches	72 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
3	46 inches	72 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay. Soils.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3227860	1/4 - 1/2 Mile North
2	USGS3227868	1/2 - 1 Mile NNE
3	USGS3227864	1/2 - 1 Mile NE
4	USGS3227872	1/2 - 1 Mile NW
7	USGS3227913	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

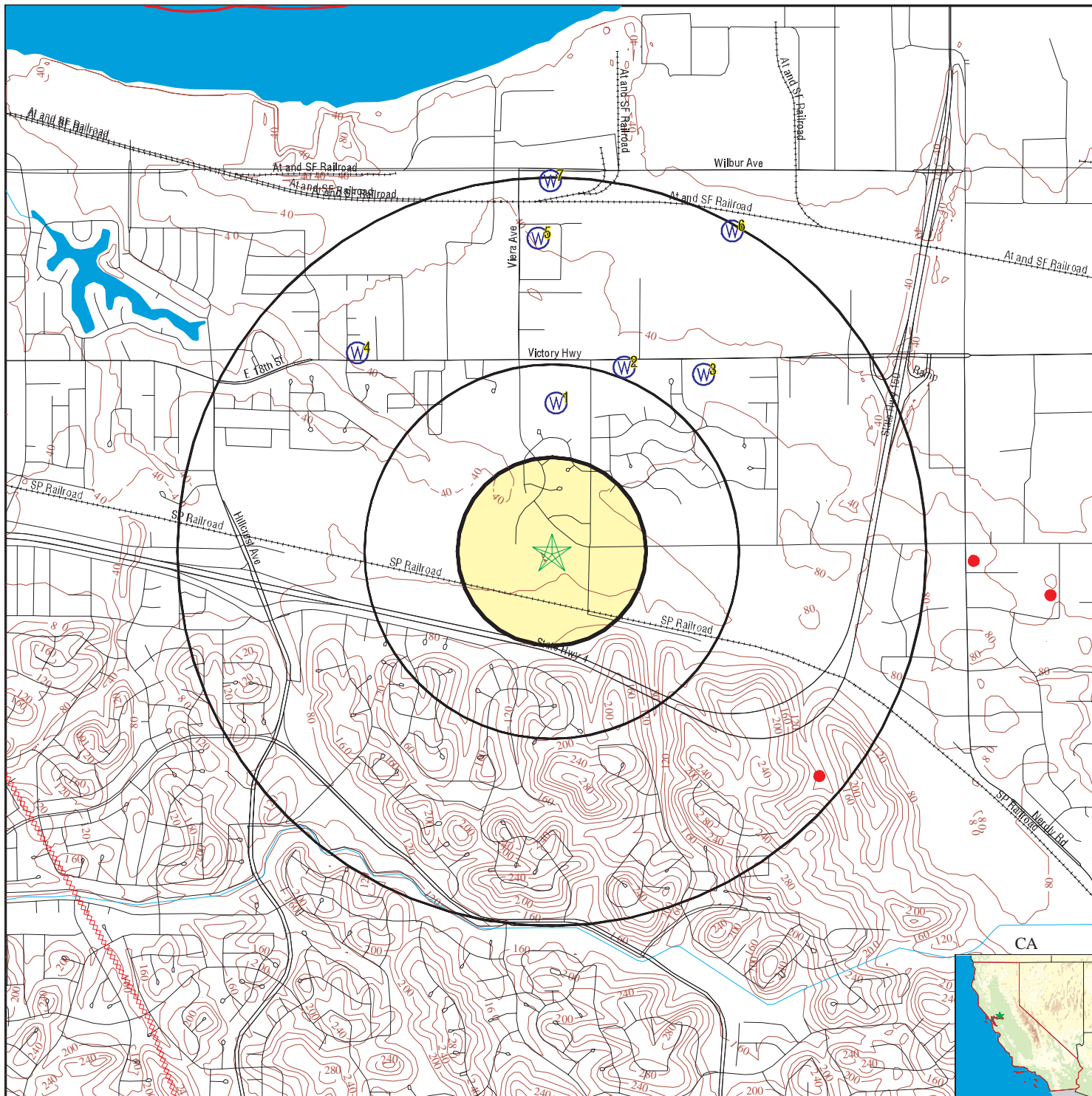
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
5	1680	1/2 - 1 Mile North
6	1682	1/2 - 1 Mile NNE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>DISTANCE FROM TP (Miles)</u>	<u>DISTANCE FROM TP (Miles)</u>
1 - 2 Miles East	1 - 2 Miles East
1/2 - 1 Mile SE	

PHYSICAL SETTING SOURCE MAP - 01991962.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: County Crossings
 ADDRESS: Willow Ave. and Oakley Rd.
 Antioch CA 94509
 LAT/LONG: 37.9975 / 121.7710

CLIENT: Engeo Inc.
 CONTACT: Lu Damerell
 INQUIRY #: 01991962.2r
 DATE: July 30, 2007 9:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
North
1/4 - 1/2 Mile
Higher

FED USGS USGS3227860

Agency cd:	USGS	Site no:	380012121461101
Site name:	002N002E20J001M		
Latitude:	380012		
Longitude:	1214611	Dec lat:	38.00325487
Dec lon:	-121.770788	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	013
Country:	US	Land net:	NESE S20 T02N R02E M
Location map:	ANTIOCH NORTH	Map scale:	24000
Altitude:	45.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper ChowchillaUpper Fresno. California. Area = 938 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	18700101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	95.0	Hole depth:	95.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-06-22
Water quality data end date:	1982-09-23	Water quality data count:	29
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

2
NNE
1/2 - 1 Mile
Higher

FED USGS USGS3227868

Agency cd:	USGS	Site no:	380017121455901
Site name:	002N002E21K001M		
Latitude:	380017		
Longitude:	1214559	Dec lat:	38.00464372
Dec lon:	-121.76745459	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	013
Country:	US	Land net:	NWNWSES21 T02N R02E M
Location map:	ANTIOCH NORTH	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	44.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Joaquin Delta. California. Area = 938 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19520501
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	120	Hole depth:	120
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-06-22
Water quality data end date:	1982-09-24	Water quality data count:	26
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

3
NE
1/2 - 1 Mile
Higher

FED USGS USGS3227864

Agency cd:	USGS	Site no:	380016121454501
Site name:	002N002E21L001M		
Latitude:	380016		
Longitude:	1214545	Dec lat:	38.00436596
Dec lon:	-121.76356558	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	013
Country:	US	Land net:	NENWSES21 T02N R02E M
Location map:	ANTIOCH NORTH	Map scale:	24000
Altitude:	50.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper ChowchillaUpper Fresno. California. Area = 938 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19620101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	140	Hole depth:	140
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1982-09-24
 Ground water data begin date: 1962-01-01
 Ground water data count: 2

Water quality data begin date: 1972-09-20
 Water quality data count: 26
 Ground water data end date: 1980-04-10

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-04-10	22.8		1980-04-10	22.8	
1962-01-01	50.00		1962-01-01	50.00	

4
NW
1/2 - 1 Mile
Higher

FED USGS USGS3227872

Agency cd:	USGS	Site no:	380019121464601
Site name:	002N002E20F001M		
Latitude:	380019		
Longitude:	1214646	Dec lat:	38.00519924
Dec lon:	-121.78051054	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	013
Country:	US	Land net:	SENW S20 T02N R02E M
Location map:	ANTIOCH NORTH	Map scale:	24000
Altitude:	46.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Joaquin Delta. California. Area = 938 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19480101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	93.0	Hole depth:	93.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1970-12-23
Water quality data end date:	1982-09-23	Water quality data count:	45
Ground water data begin date:	1972-08-22	Ground water data end date:	1982-09-23
Ground water data count:	27		

Ground-water levels, Number of Measurements: 27

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-09-23	52.00		1982-04-29	51.66	
1981-09-17	52.88		1981-04-21	52.83	
1980-09-24	53.07		1980-04-10	51.4	
1979-09-24	54.40		1979-04-17	54.60	
1978-09-25	53.84				

Note: The site had been pumped recently.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1978-04-17	52.09		1977-09-13	56.02	
1977-04-26	54.09		1976-09-15	56.01	
1976-04-12	54.79		1975-09-16	54.54	
1975-04-07	53.18		1974-09-24	53.54	
1974-03-11	51.69		1973-10-04	53.34	
1973-05-23	51.98		1973-03-21	51.18	
1973-02-20	51.84		1973-01-24	52.63	
1972-12-19	53.17		1972-11-15	53.93	
1972-09-19	54.50		1972-08-22	54.35	

5
North
1/2 - 1 Mile
Lower

CA WELLS 1680

Water System Information:

Prime Station Code:	02N/02E-20A02 M	User ID:	07C
FRDS Number:	0707506001	County:	Contra Costa
District Number:	37	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	380035.0 1214614.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	0707506		
System Name:	SANTA FE APARTMENTS		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		
Sample Collected:	12/18/2001 00:00:00	Findings:	54 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/18/2003 00:00:00	Findings:	48 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/16/2004 00:00:00	Findings:	32 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/27/2005 00:00:00	Findings:	42 MG/L
Chemical:	NITRATE (AS NO3)		

6
NNE
1/2 - 1 Mile
Lower

CA WELLS 1682

Water System Information:

Prime Station Code:	02N/02E-21C01 M	User ID:	07C
FRDS Number:	0707554001	County:	Contra Costa
District Number:	37	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	380036.0 1214540.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number:	0707554		
System Name:	RIVERVIEW MOTEL		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		
Sample Collected:	09/17/2001 00:00:00	Findings:	9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/13/2001 00:00:00	Findings:	12 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/13/2002 00:00:00	Findings:	8.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/13/2002 00:00:00	Findings:	9.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/12/2002 00:00:00	Findings:	9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/12/2002 00:00:00	Findings:	9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/18/2003 00:00:00	Findings:	9.2 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/19/2003 00:00:00	Findings:	9.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/15/2003 00:00:00	Findings:	11 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/2003 00:00:00	Findings:	11 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/11/2004 00:00:00	Findings:	8.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/08/2004 00:00:00	Findings:	9.5 MG/L
Chemical:	NITRATE (AS NO3)		

**7
North
1/2 - 1 Mile
Lower**

FED USGS USGS3227913

Agency cd:	USGS	Site no:	380043121461201
Site name:	002N002E20A001M		
Latitude:	380043		
Longitude:	1214612	Dec lat:	38.0118657
Dec lon:	-121.77106589	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	013
Country:	US	Land net:	NENE S20 T02N R02E G
Location map:	ANTIOCH NORTH	Map scale:	24000
Altitude:	30.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper ChowchillaUpper Fresno. California. Area = 938 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19480101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	78.0	Hole depth:	78.0
Source of depth data:	Not Reported		
Project number:	479435800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-02-04
Water quality data end date:	1982-09-24	Water quality data count:	44
Ground water data begin date:	1948-01-01	Ground water data end date:	1948-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1948-01-01	31.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction _____ Database _____ EDR ID Number _____
 Distance _____

East
1 - 2 Miles

OIL_GAS CA10178848

Apinumber:	01320142	Operator:	McFarland Energy, Inc.
Lease:	Calplans-New Love	Well no:	1
Field:	Not Reported	Cagaso m3 area:	Not Reported
Map:	608	Status cod:	006
Source:	hud		
Latitude:	37.99722		
Longitude:	-121.74929		
Td:	6985	Sec:	27
Twn:	02N	Rge:	02E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spupdate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	6

East
1 - 2 Miles

OIL_GAS CA10178836

Apinumber:	01300277	Operator:	Occidental Petroleum Corp.
Lease:	Shell-Continente	Well no:	1-27
Field:	Not Reported	Cagaso m3 area:	Not Reported
Map:	608	Status cod:	006
Source:	hud		
Latitude:	37.99589		
Longitude:	-121.74553		
Td:	7105	Sec:	27
Twn:	02N	Rge:	02E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spupdate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	6

SE
1/2 - 1 Mile

OIL_GAS CA10178766

Apinumber:	01300278	Operator:	Brazos Oil & Gas Co.
Lease:	Antioch Unit A	Well no:	1
Field:	Not Reported	Cagaso m3 area:	Not Reported
Map:	608	Status cod:	006
Source:	hud		
Latitude:	37.98888		
Longitude:	-121.75684		
Td:	660	Sec:	28
Twn:	02N	Rge:	02E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spupdate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	6

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
94509	5	0	0.00

Federal EPA Radon Zone for CONTRA COSTA 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.

Federal Area Radon Information for Zip Code: 94509

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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APPENDIX B

ENVIRONMENTAL DATA RESOURCES, INC.
Sanborn Map
City Directory

Certified Sanborn® Map Report



Sanborn® Library search results
Certification # 60BD-4817-BE35

County Crossings
Willow Ave. and Oakley Rd.
Antioch, CA 94509

Inquiry Number 1991962.3

July 30, 2007



The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

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

Certified Sanborn® Map Report

7/30/07

Site Name:

County Crossings
Willow Ave. and Oakley Rd.
Antioch, CA 94509

Client Name:

Engeo Inc.
2010 Crow Canyon Place
San Ramon, CA 94583



EDR® Environmental
Data Resources Inc

EDR Inquiry # 1991962.3

Contact: Lu Damerell

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Engeo Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: County Crossings
Address: Willow Ave. and Oakley Rd.
City, State, Zip: Antioch, CA 94509
Cross Street:
P.O. # NA
Project: NA
Certification # 60BD-4817-BE35



Sanborn® Library search results
Certification # 60BD-4817-BE35

UNMAPPED PROPERTY

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

Total Maps: 0

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

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

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EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

County Crossings
2600 Willow Ave.
Antioch, CA 94509

Inquiry Number: 1991962.6

Thursday, August 02, 2007

**The Standard in
Environmental Risk
Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR City Directory Abstract

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

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1975 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: August 2, 2007

Target Property:

2600 Willow Ave.
Antioch, CA 94509

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Address Not Listed in Research Source	Haines Criss-Cross Directory
1980	Address Not Listed in Research Source	Haines Criss-Cross Directory
1985	Address Not Listed in Research Source	Haines Criss-Cross Directory
1990	No Return	Haines Criss-Cross Directory
1996	No Return	Haines Criss-Cross Directory
2001	No Return	Haines Criss-Cross Directory
2006	PES Towing	Haines Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Antioch, CA 94509

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Address Not Listed in Research Source	Haines Criss-Cross Directory
1980	Address Not Listed in Research Source	Haines Criss-Cross Directory
1985	<u>**Willow Avenue**</u>	Haines Criss-Cross Directory
	Residence (2502)	Haines Criss-Cross Directory
	No other addresses in 2500-2799 range	Haines Criss-Cross Directory
1990	<u>**Willow Avenue**</u>	Haines Criss-Cross Directory
	Residence (2502)	Haines Criss-Cross Directory
	No other addresses in 2500-2799 range	Haines Criss-Cross Directory
1996	<u>**Willow Avenue**</u>	Haines Criss-Cross Directory
	Residence (2502)	Haines Criss-Cross Directory
	No other addresses in 2500-2799 range	Haines Criss-Cross Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	<u>**Willow Avenue**</u>	Haines Criss-Cross Directory
	Residence (2502)	Haines Criss-Cross Directory
	No other addresses in 2500-2799 range	Haines Criss-Cross Directory
2006	<u>**Willow Avenue**</u>	Haines Criss-Cross Directory
	Residence (2502)	Haines Criss-Cross Directory
	No other addresses in 2500-2799 range	Haines Criss-Cross Directory

APPENDIX C

ENVIRONMENTAL DATA RESOURCES, INC.

Historical Topographic Map Report

EDR Historical Topographic Map Report

**County Crossings
Willow Ave. and Oakley Rd.
Antioch, CA 94509**

Inquiry Number: 1991962.4

July 31, 2007



EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

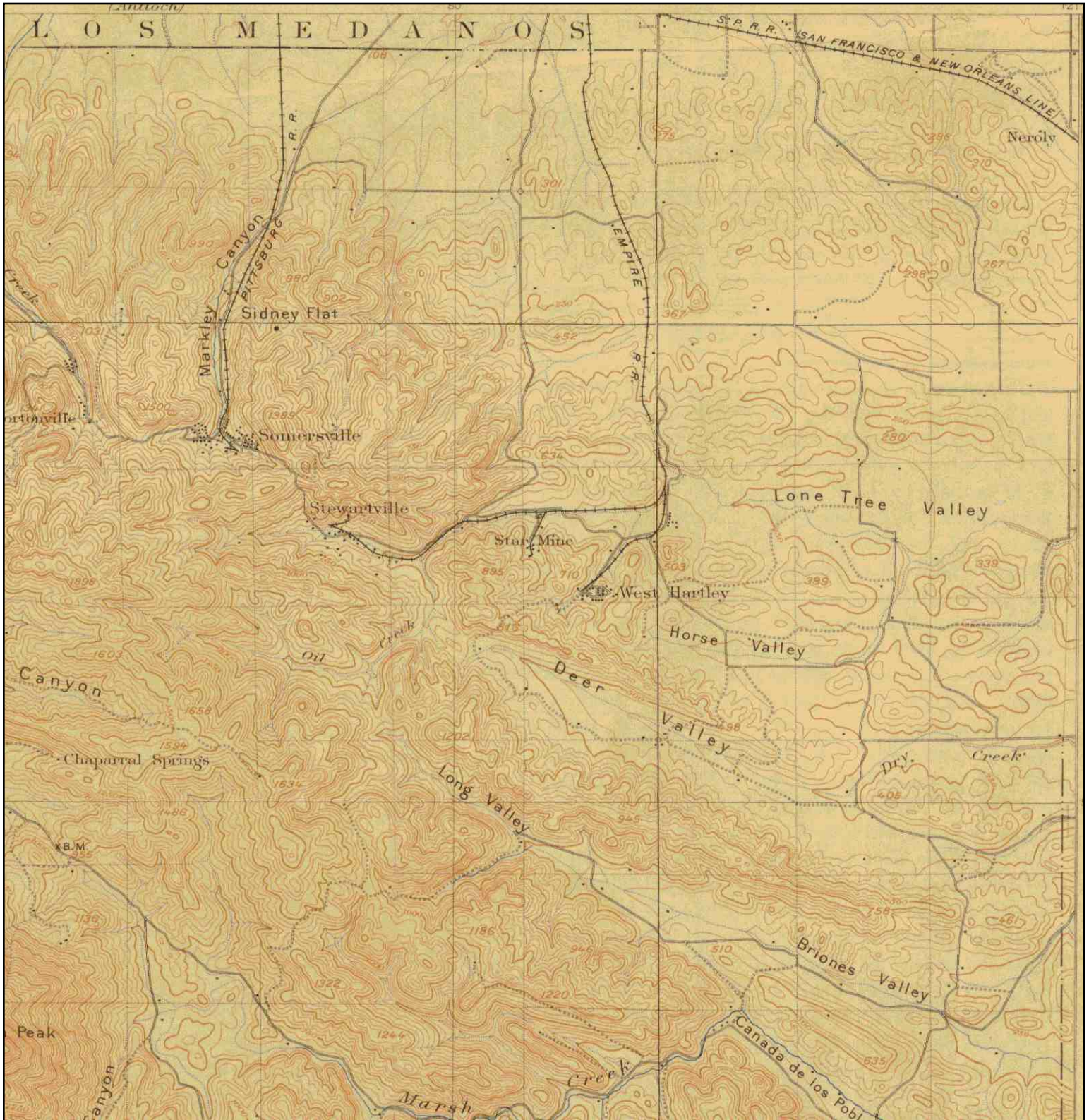
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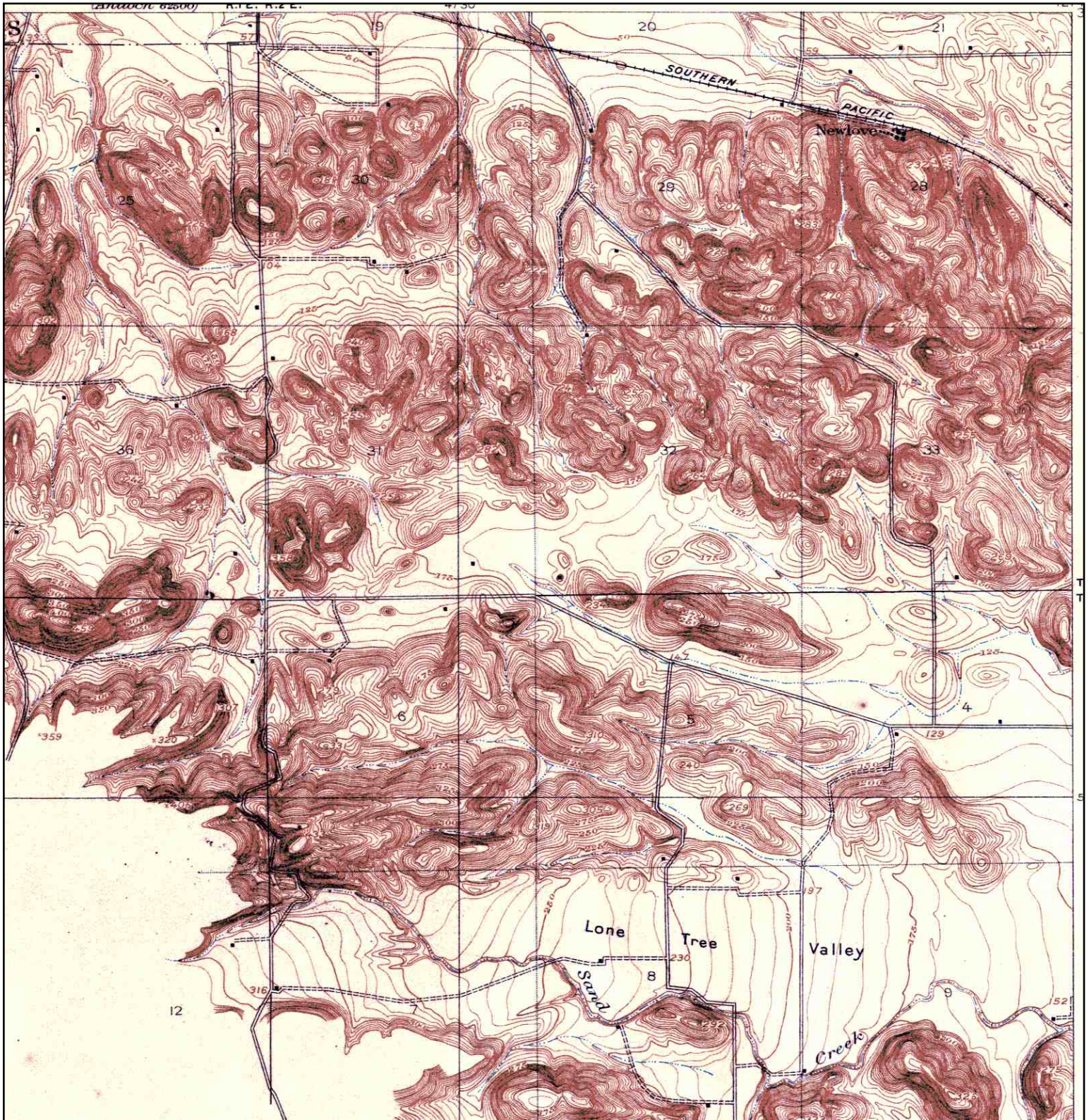
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Historical Topographic Map



	TARGET QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.
	NAME: MT. DIABLO	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR: 1912	LAT/LONG:	37.9975 / 121.771	INQUIRY#:	1991962.4
	SERIES: 15			RESEARCH DATE:	07/31/2007
	SCALE: 1:62500				


Historical Topographic Map



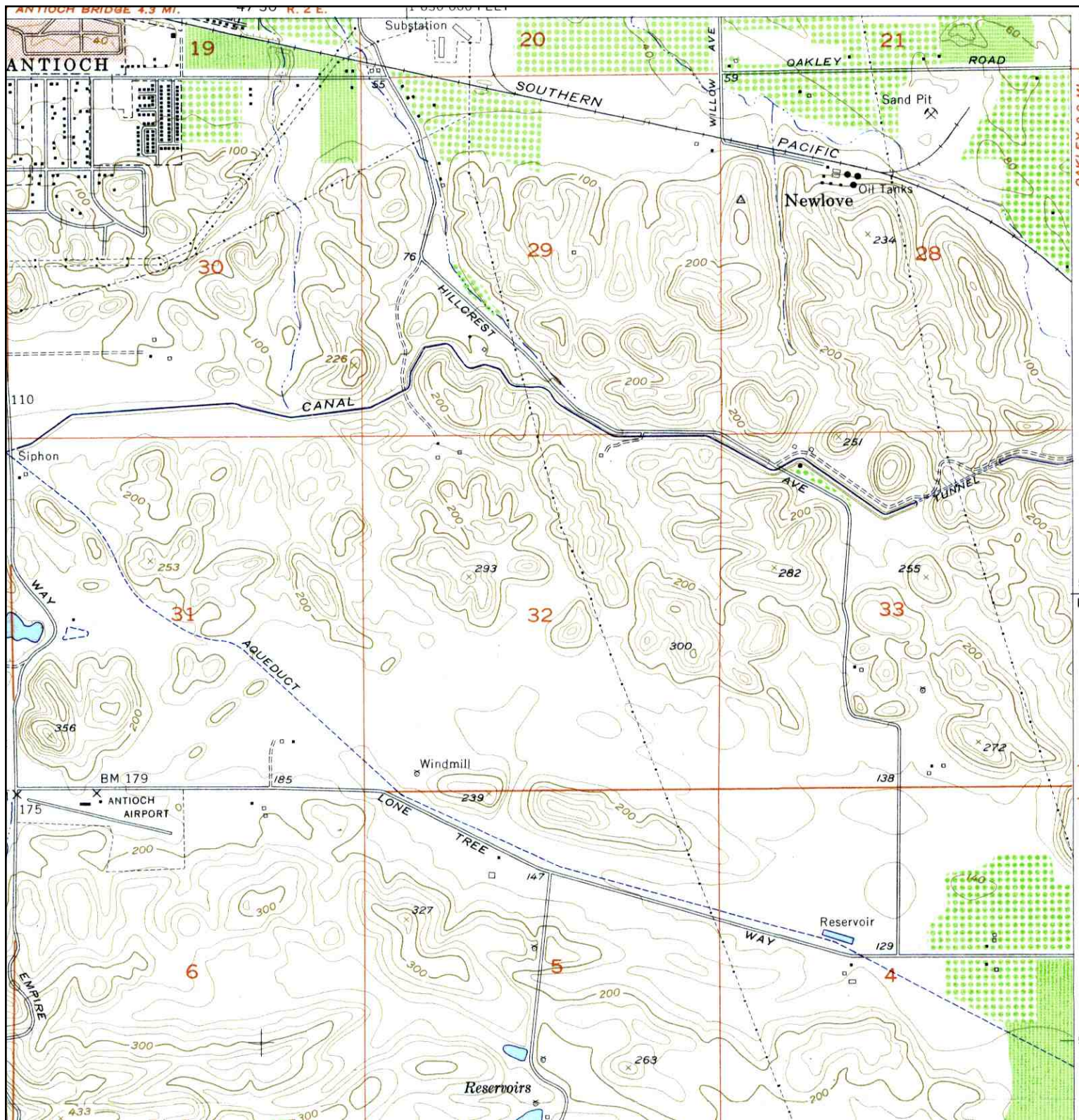
	TARGET QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.
	NAME: LONE TREE VALLEY	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR: 1916		Antioch, CA 94509	INQUIRY#:	1991962.4
	PRELIMINARY	LAT/LONG:	37.9975 / 121.771	RESEARCH DATE:	07/31/2007
	SERIES: 7.5				
	SCALE: 1:31680				

Historical Topographic Map



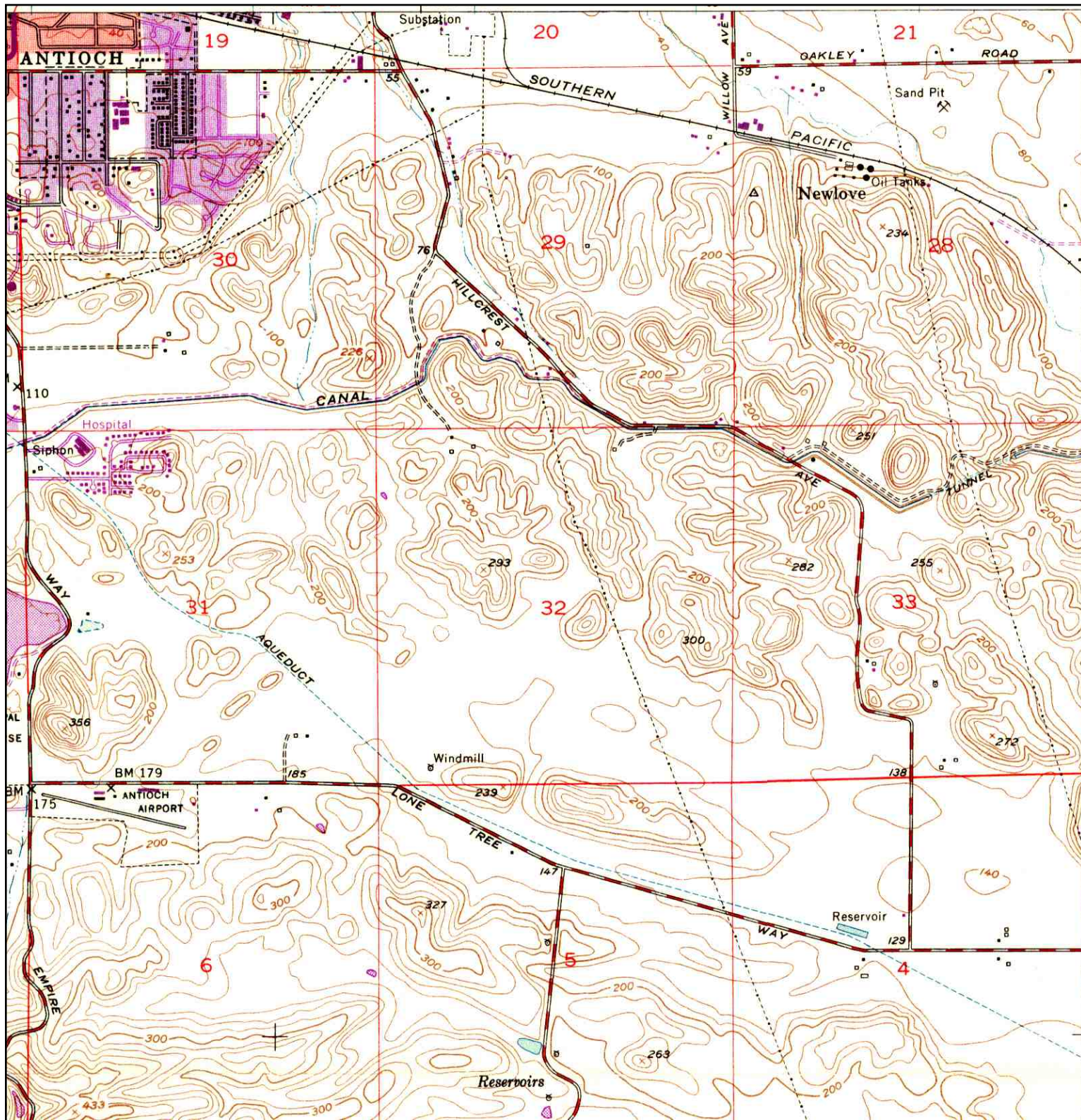
	TARGET QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.
	NAME: MT. DIABLO	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR: 1947	LAT/LONG:	37.9975 / 121.771	INQUIRY#:	1991962.4
	SERIES: 15			RESEARCH DATE:	07/31/2007
	SCALE: 1:50000				

Historical Topographic Map



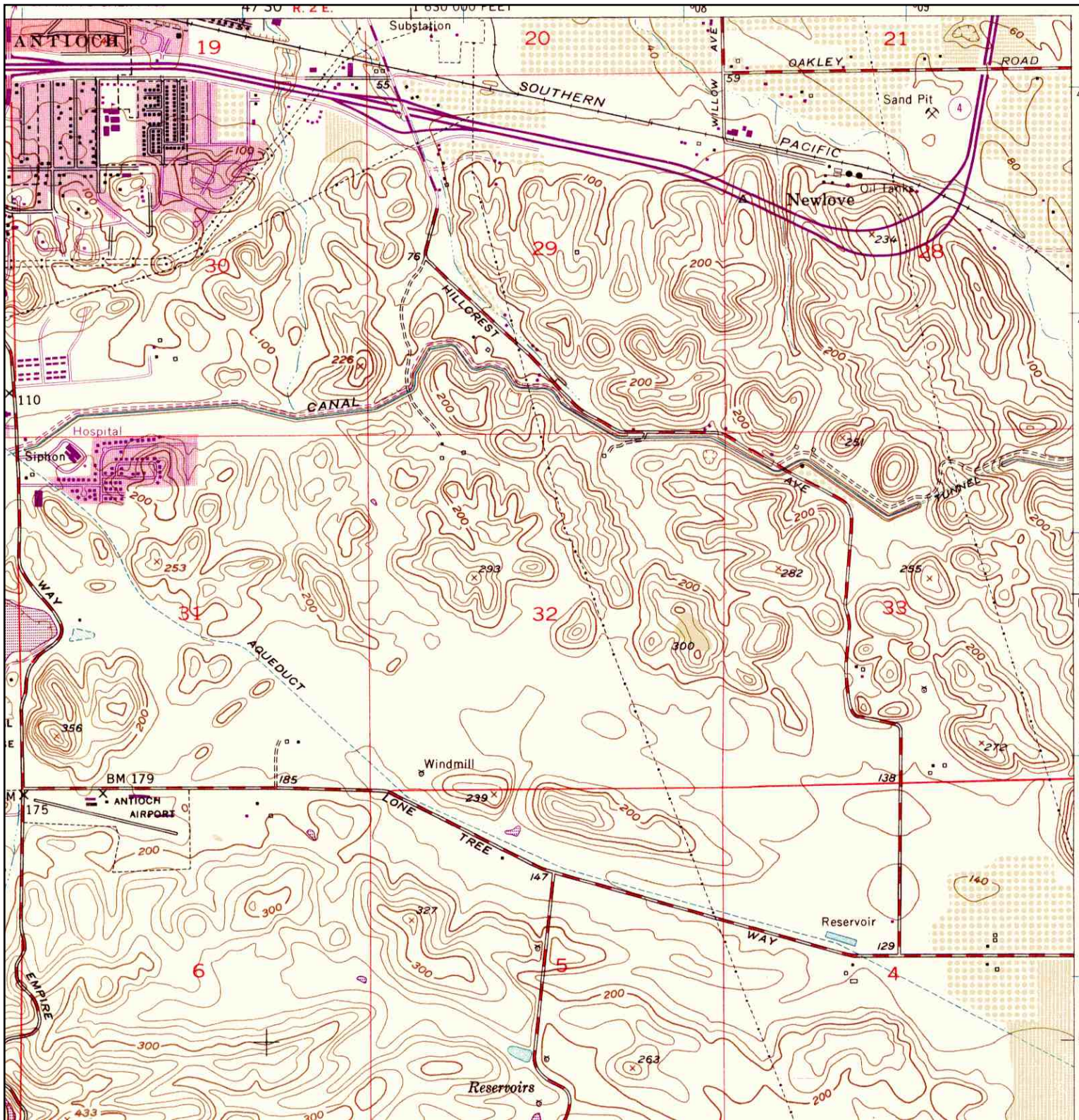
	TARGET QUAD NAME: ANTIOCH SOUTH MAP YEAR: 1953	SITE NAME: County Crossings ADDRESS: Willow Ave. and Oakley Rd. Antioch, CA 94509 LAT/LONG: 37.9975 / 121.771	CLIENT: Engeo Inc. CONTACT: Lu Damerell INQUIRY#: 1991962.4 RESEARCH DATE: 07/31/2007
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



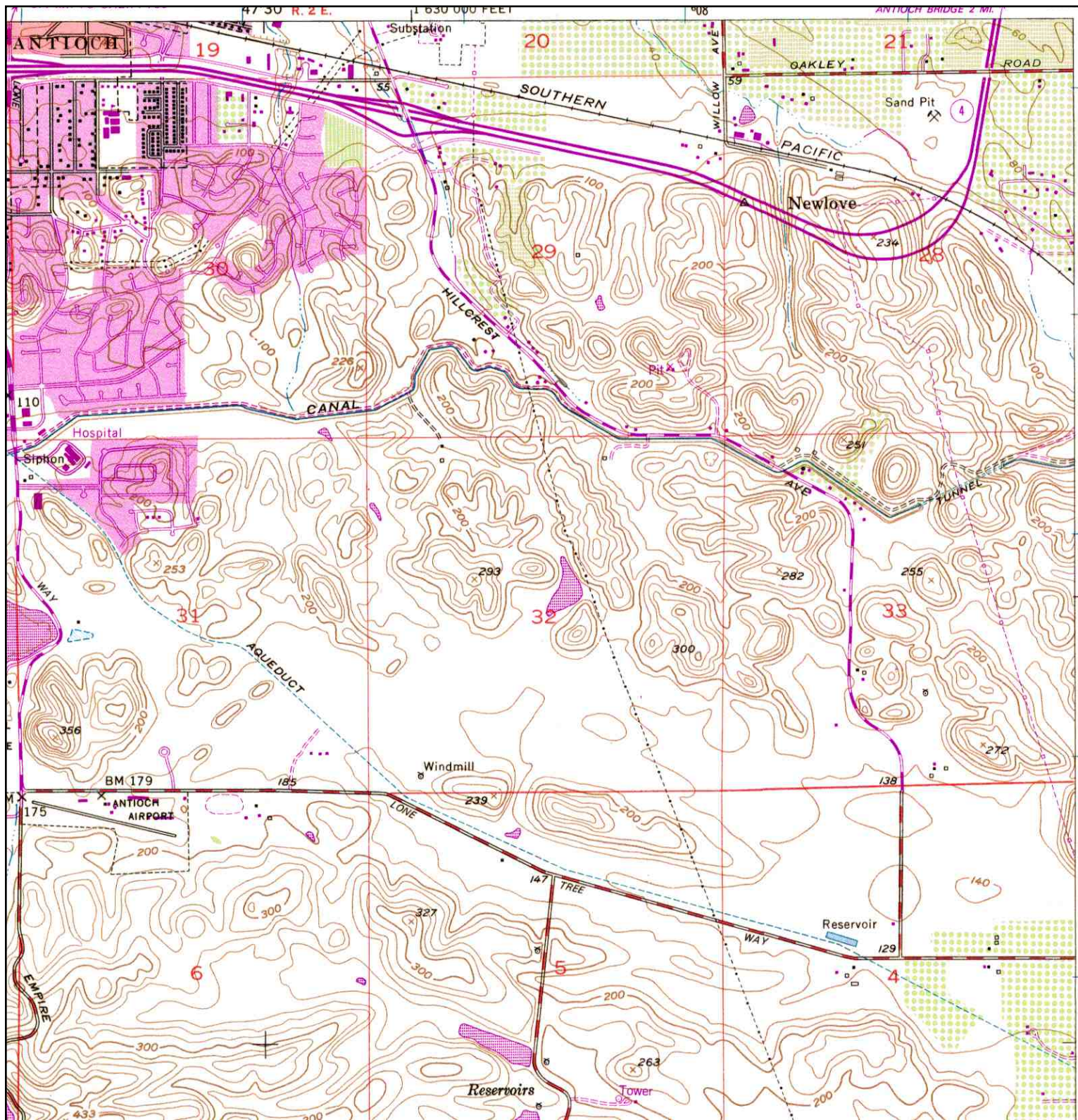
<p>N ↑</p>	TARGET QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.
	NAME: ANTIOCH SOUTH	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR: 1968	LAT/LONG:	Antioch, CA 94509	INQUIRY#:	1991962.4
	PHOTOREVISED FROM: 1953			RESEARCH DATE:	07/31/2007
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



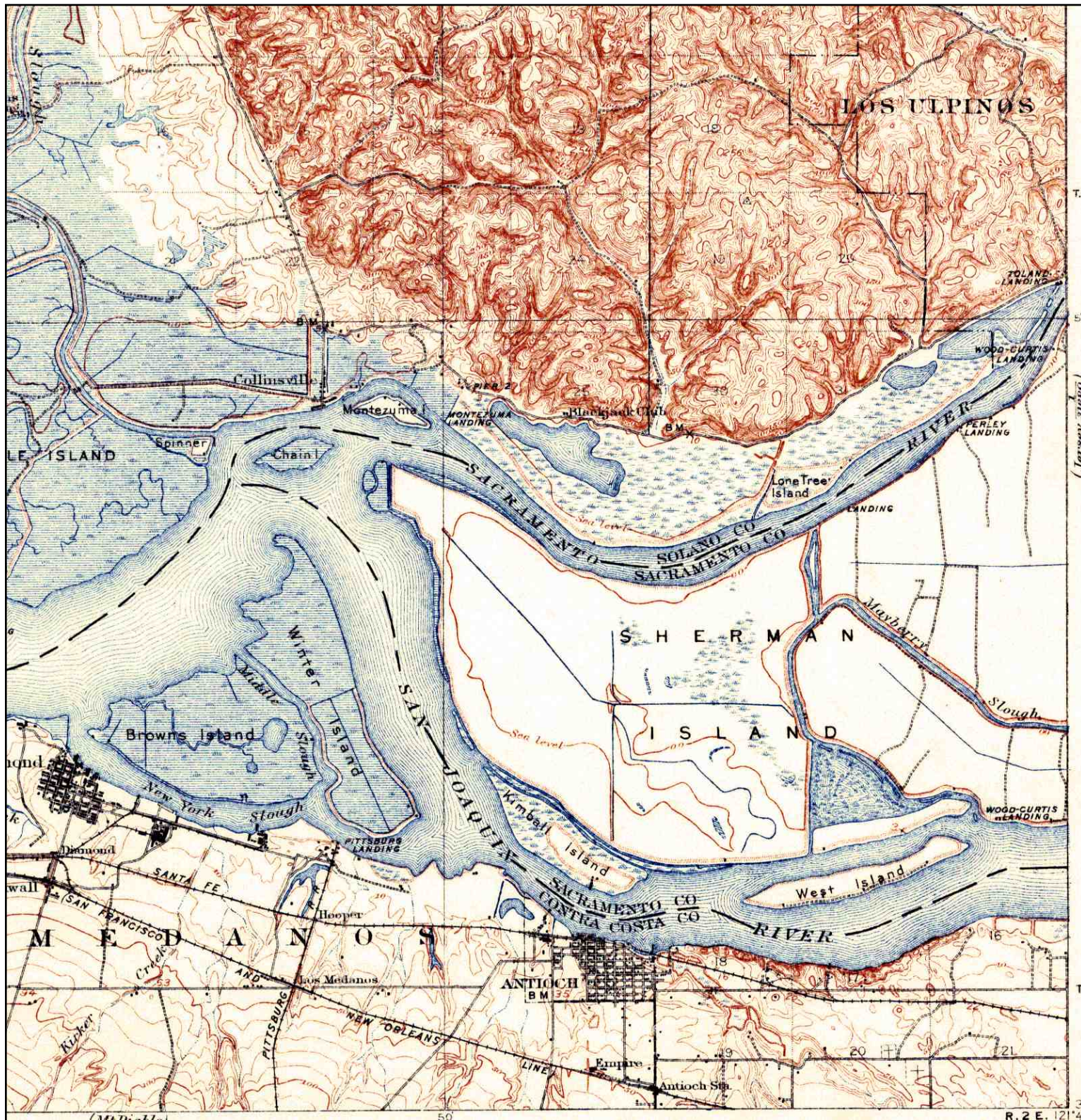
<p>N ↑</p>	TARGET QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.
	NAME: ANTIOCH SOUTH	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR: 1973	LAT/LONG:	Antioch, CA 94509	INQUIRY#:	1991962.4
	PHOTOREVISED FROM: 1953			RESEARCH DATE:	07/31/2007
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.
	NAME: ANTIOCH SOUTH	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR: 1980	LAT/LONG:	Antioch, CA 94509	INQUIRY#:	1991962.4
	PHOTOREVISED FROM: 1953			RESEARCH DATE:	07/31/2007
	SERIES: 7.5				
	SCALE: 1:24000				


Historical Topographic Map



	ADJOINING QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.
	NAME: ANTIOCH	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR: 1908	LAT/LONG:	37.9975 / 121.771	INQUIRY#:	1991962.4
	SERIES: 15			RESEARCH DATE:	07/31/2007
	SCALE: 1:62500				


Historical Topographic Map



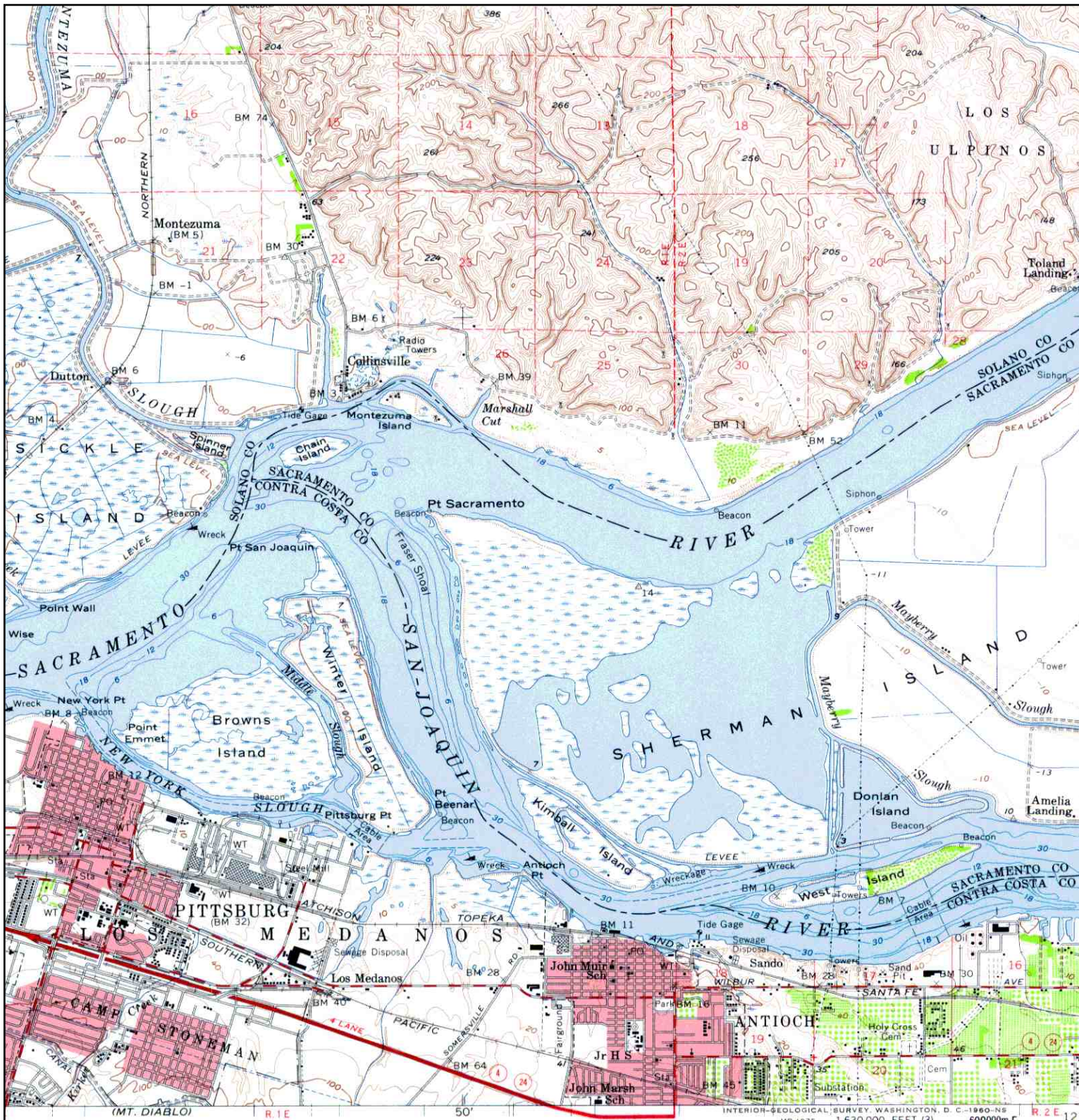
<p>N</p> 	ADJOINING QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.
	NAME: COLLINSVILLE	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR: 1918	LAT/LONG:	37.9975 / 121.771	INQUIRY#:	1991962.4
	SERIES: 7.5			RESEARCH DATE:	07/31/2007
SCALE: 1:31680					


Historical Topographic Map



	ADJOINING QUAD NAME: ANTIOCH NORTH MAP YEAR: 1953	SITE NAME: County Crossings ADDRESS: Willow Ave. and Oakley Rd. Antioch, CA 94509 LAT/LONG: 37.9975 / 121.771	CLIENT: Engeo Inc. CONTACT: Lu Damerell INQUIRY#: 1991962.4 RESEARCH DATE: 07/31/2007
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



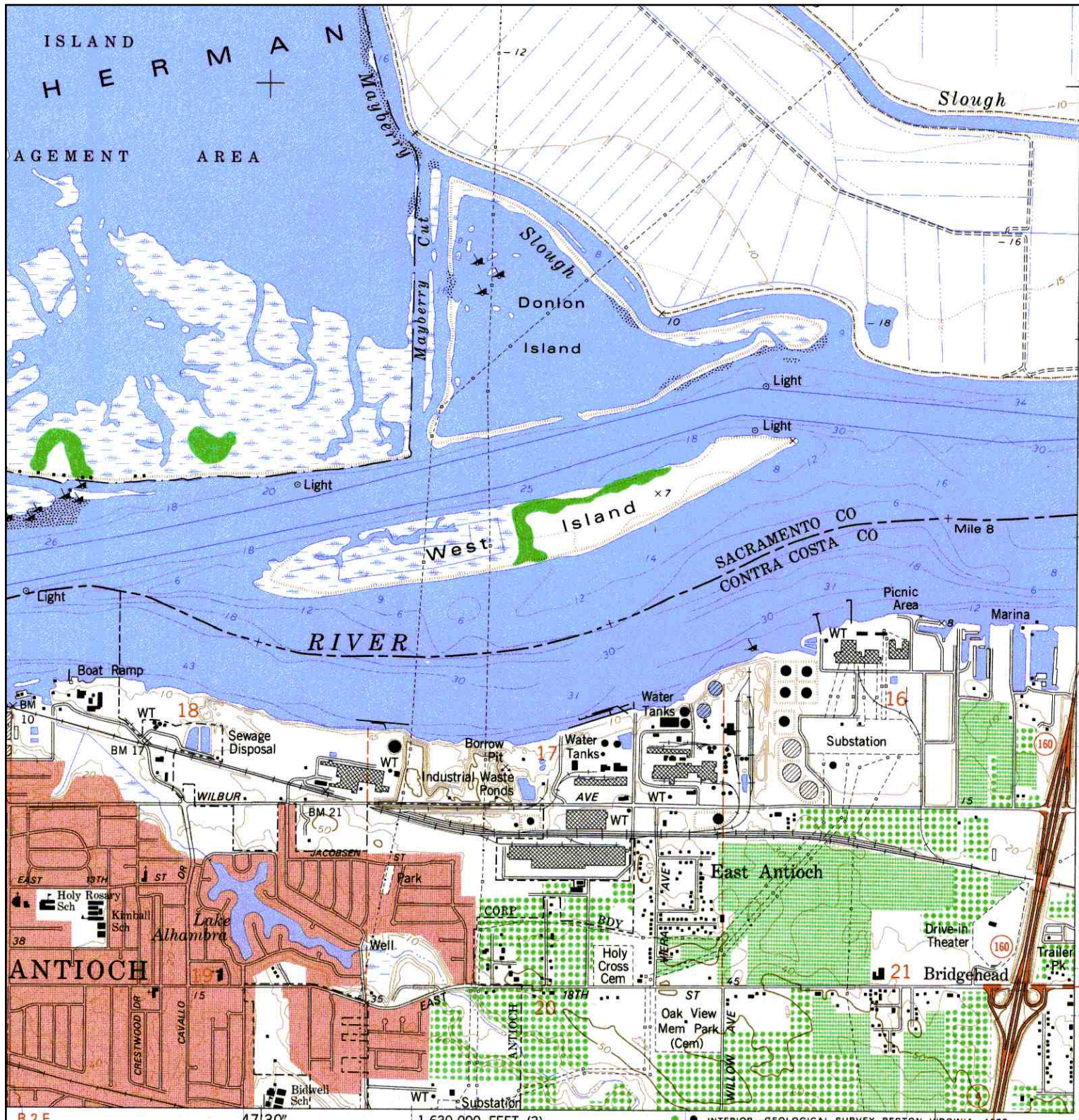
	ADJOINING QUAD	SITE NAME: County Crossings	CLIENT: Engeo Inc.
	NAME: PITTSBURG	ADDRESS: Willow Ave. and Oakley Rd.	CONTACT: Lu Damerell
	MAP YEAR: 1953	LAT/LONG: 37.9975 / 121.771	INQUIRY#: 1991962.4
SERIES: 15		RESEARCH DATE: 07/31/2007	
SCALE: 1:62500			

Historical Topographic Map



<p>N ↑</p>	ADJOINING QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.	
	NAME:	ANTIOCH NORTH	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR:	1968		Antioch, CA 94509	INQUIRY#:	1991962.4
	PHOTOREVISED FROM:	1953	LAT/LONG:	37.9975 / 121.771	RESEARCH DATE:	07/31/2007
	SERIES:	7.5				
	SCALE:	1:24000				

Historical Topographic Map



<p>N ↑</p>	ADJOINING QUAD	SITE NAME:	County Crossings	CLIENT:	Engeo Inc.	
	NAME:	ANTIOCH NORTH	ADDRESS:	Willow Ave. and Oakley Rd.	CONTACT:	Lu Damerell
	MAP YEAR:	1978	LAT/LONG:	37.9975 / 121.771	INQUIRY#:	1991962.4
	SERIES:	7.5			RESEARCH DATE:	07/31/2007
	SCALE:	1:24000				

APPENDIX D

ENVIRONMENTAL DATA RESOURCES, INC.

Aerial Photo Decade Package



INQUIRY #: 1991962.5

YEAR: 1939

| = 555'







INQUIRY #: 1991962.5

YEAR: 1952

| = 555'





© Pacific Aerial Surveys-Oakland, CA

1953



1958

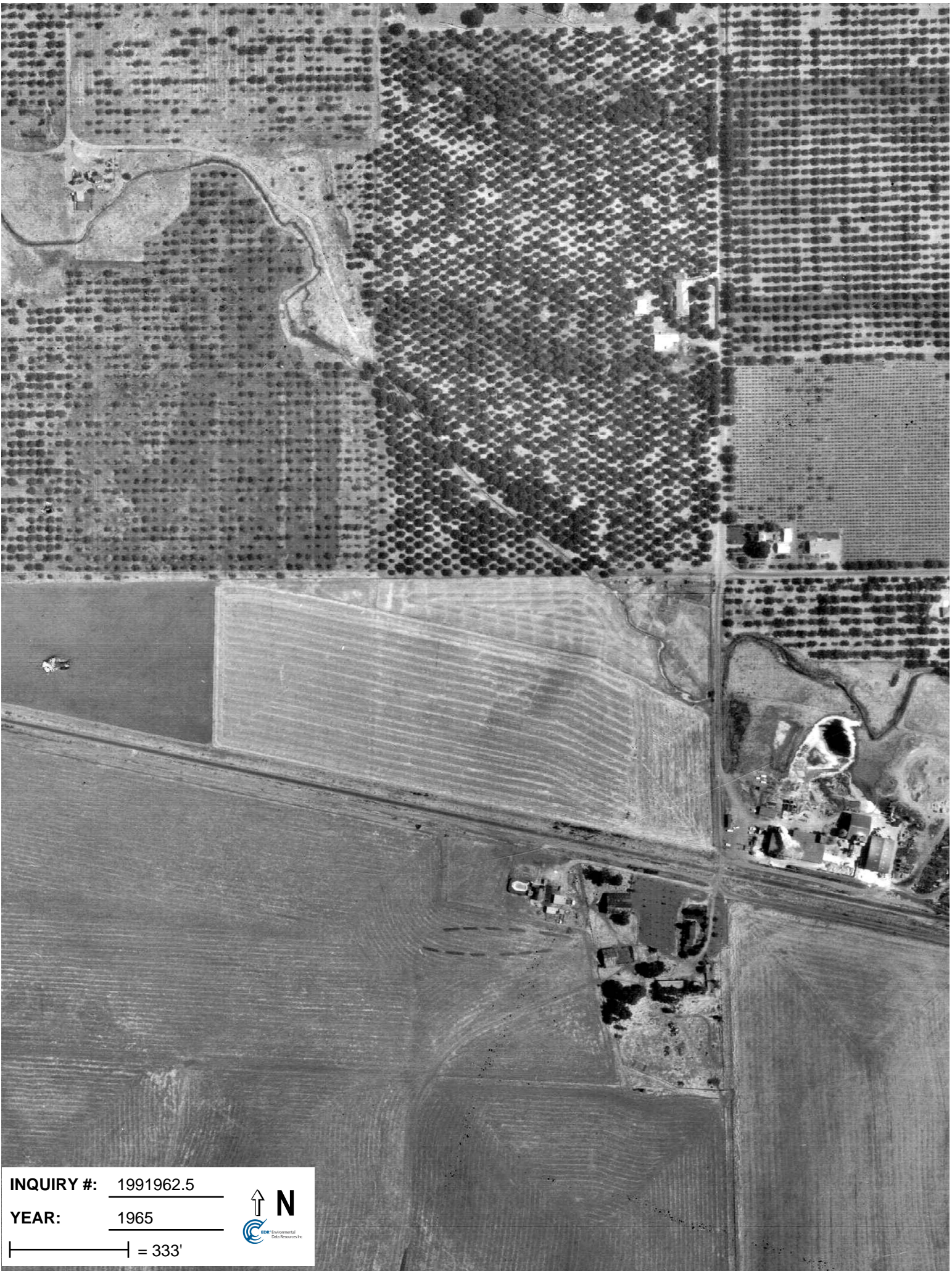


INQUIRY #: 1991962.5

YEAR: 1959

| = 555'



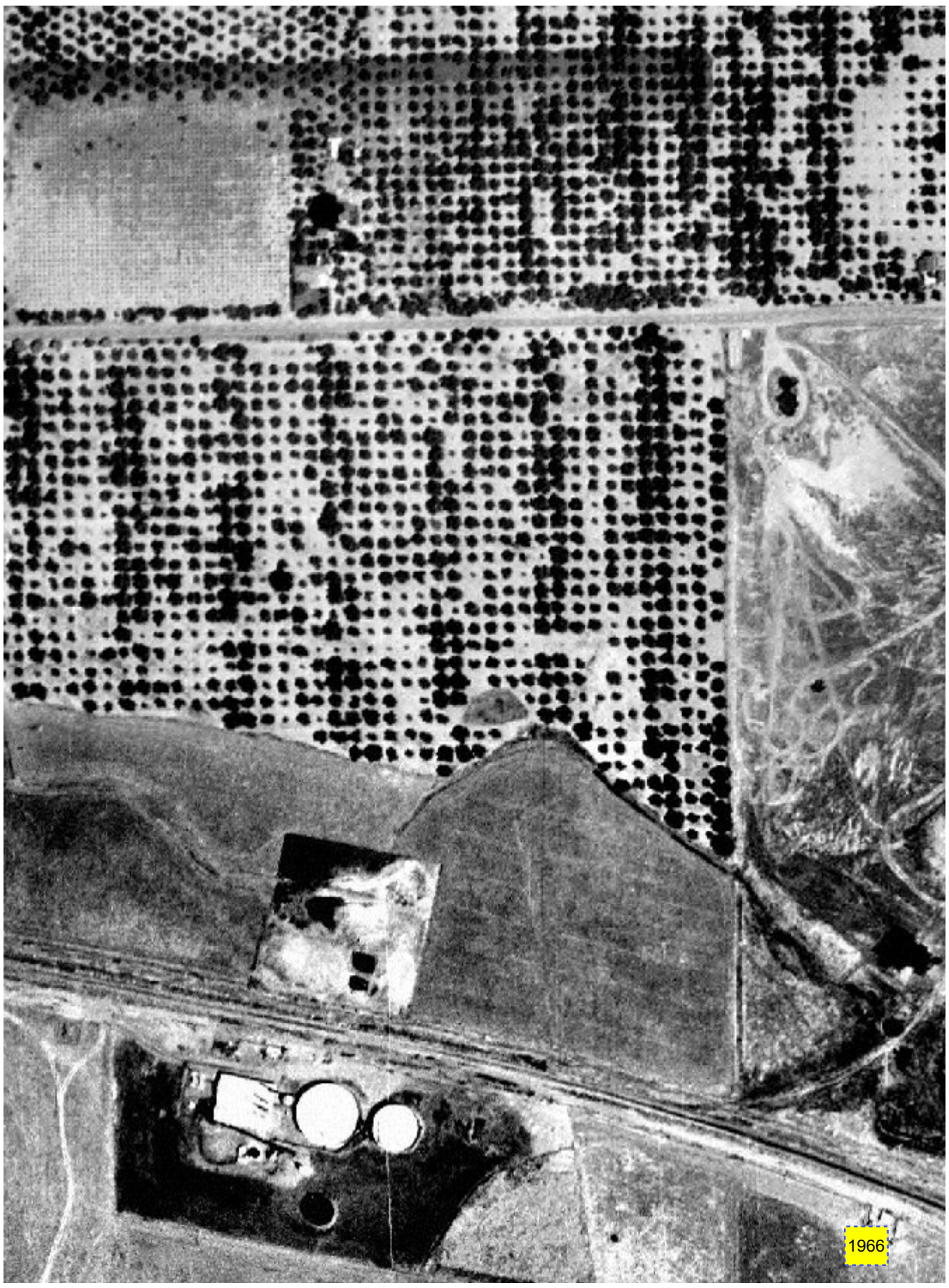


INQUIRY #: 1991962.5

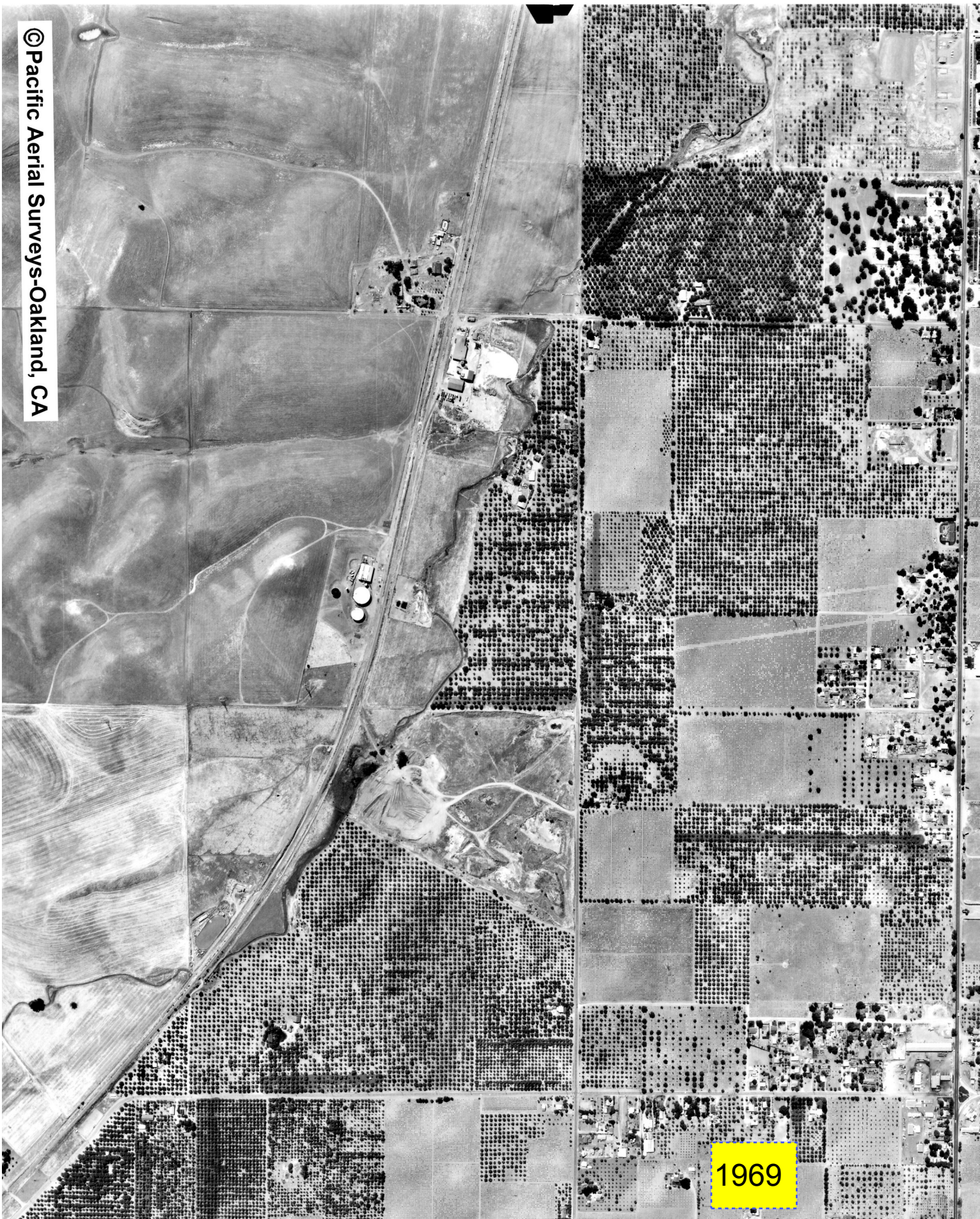
YEAR: 1965

| = 333'





1966



© Pacific Aerial Surveys-Oakland, CA

1969



INQUIRY #: 1991962.5

YEAR: 1971

| = 333'





1979



1980

©Pacific Aerial Surveys-Oakland, CA

1980



© Pacific Aerial Surveys-Oakland, CA



INQUIRY #: 1991962.5

YEAR: 1984

| = 690'





© Pacific Aerial Surveys-Oakland, CA

1990



1990



INQUIRY #: 1991962.5

YEAR: 1993

| = 666'







INQUIRY #: 1991962.5

YEAR: 1998

| = 666'





2002



© Pacific Aerial Surveys-Oakland, CA

2004

APPENDIX E

City of Antioch - Contra Costa County File Information

Property Detail

Contra Costa, CA GUS KRAMER, ASSESSOR

Parcel # (APN): **051-170-052-8**

Use Description:

Parcel Status:

Owner Name: **TREVOR EQUITIES LLC**Mailing Address: **455 SCALE AVE PALO ALTO CA 94301-3828**Situs Address: **VIERA AVE ANTIOCH CA 94509**

Legal

Description: **POR SEC 20 T2N R2E****ASSESSMENT**Total Value: **\$5,623,566**Use Code: **63**

Zoning:

Land Value: **\$5,623,566**Tax Rate Area: **01002**

Census Tract:

Impr Value:

Year Assd: **2007**

Improve Type:

Other Value:

Property Tax:

Price/SqFt:

% Improved

Delinquent Yr

Exempt Amt:

HO Exempt?: **N****SALES HISTORY**

	<u>Sale 1</u>	<u>Sale 2</u>	<u>Sale 3</u>	<u>Transfer</u>
Recording Date:	03/17/2006	12/09/1966		03/17/2006
Recorded Doc #:	82052	5261-337		82052
Recorded Doc Type:				
Transfer Amount:				
Sale 1 Seller (Grantor):				
1st Trst Dd Amt:	Code1:	2nd Trst Dd Amt:	Code2:	

PROPERTY CHARACTERISTICSLot Acres: **12.140**

Year Built:

Fireplace:

Lot SqFt: **528,818**

Effective Yr:

A/C:

Bldg/Liv Area:

Total Rooms:

Heating:

Units:

Bedrooms:

Pool:

Buildings:

Baths (Full):

Park Type:

Stories:

Baths (Half):

Spaces:

Style:

Garage SqFt:

Site Infnce:

Construct:

Quality:

Timber Preserve:

Building Class:

Ag Preserve:

Condition:

Other Rooms:

Property Detail

Contra Costa, CA GUS KRAMER, ASSESSOR

Parcel # (APN): **051-170-003-1** Use Description:
 Parcel Status:
 Owner Name: **TREVOR EQUITIES LLC
 MICHAEL TAUB**
 Mailing Address: **455 SCALE AVE PALO ALTO CA 94301-3828**
 Situs Address: **ANTIOCH CA 94509**
 Legal
 Description: **POR SEC 20 T2N R2E**

ASSESSMENT

Total Value: \$6,341,442	Use Code: 65	Zoning:
Land Value: \$6,341,442	Tax Rate Area: 01002	Census Tract:
Impr Value:	Year Assd: 2007	Improve Type:
Other Value:	Property Tax:	Price/SqFt:
% Improved	Delinquent Yr	
Exempt Amt:	HO Exempt?: N	

SALES HISTORY

	<u>Sale 1</u>	<u>Sale 2</u>	<u>Sale 3</u>	<u>Transfer</u>
Recording Date:	03/17/2006	12/09/1966		03/17/2006
Recorded Doc #:	82052	5261-337		82052
Recorded Doc Type:				
Transfer Amount:				
Sale 1 Seller (Grantor):				
1st Trst Dd Amt:	Code1:	2nd Trst Dd Amt:	Code2:	

PROPERTY CHARACTERISTICS

Lot Acres: 12.830	Year Built:	Fireplace:
Lot SqFt: 558,875	Effective Yr:	A/C:
Bldg/Liv Area:	Total Rooms:	Heating:
Units:	Bedrooms:	Pool:
Buildings:	Baths (Full):	Park Type:
Stories:	Baths (Half):	Spaces:
Style:	Garage SqFt:	Site Infnce:
Construct:		Timber Preserve:
Quality:		Ag Preserve:
Building Class:		
Condition:		
Other Rooms:		

*** The information provided here is deemed reliable, but is not guaranteed.

Property Detail

Contra Costa, CA GUS KRAMER, ASSESSOR

Parcel # (APN): **052-051-035-5**

Use Description:

Parcel Status:

Owner Name: **FKP INC**Mailing Address: **1955 LAKE PARK DR #250 SMYRNA GA 30080-8873**Situs Address: **OAKLEY CA 94561**

Legal

Description: **POR SEC 28 T2N R2E EX FEE BLW 500 FT****ASSESSMENT**Total Value: **\$1,169,594**Use Code: **50**

Zoning:

Land Value: **\$1,169,594**Tax Rate Area: **01080**

Census Tract:

Impr Value:

Year Assd: **2007**

Improve Type:

Other Value:

Property Tax:

Price/SqFt:

% Improved

Delinquent Yr

Exempt Amt:

HO Exempt?: **N****SALES HISTORY**

	<u>Sale 1</u>	<u>Sale 2</u>	<u>Sale 3</u>	<u>Transfer</u>
Recording Date:	12/26/1995	07/05/1988	09/11/1987	12/26/1995
Recorded Doc #:	223539		13892-878	223539
Recorded Doc Type:				
Transfer Amount:				
Sale 1 Seller (Grantor):				
1st Trst Dd Amt:	Code1:	2nd Trst Dd Amt:	Code2:	

PROPERTY CHARACTERISTICS

Lot Acres:	36.850	Year Built:	Fireplace:
Lot SqFt:	1,605,186	Effective Yr:	A/C:
Bldg/Liv Area:		Total Rooms:	Heating:
Units:		Bedrooms:	Pool:
Buildings:		Baths (Full):	Park Type:
Stories:		Baths (Half):	Spaces:
Style:		Garage SqFt:	Site Infnce:
Construct:			Timber Preserve:
Quality:			Ag Preserve:
Building Class:			
Condition:			
Other Rooms:			

*** The information provided here is deemed reliable, but is not guaranteed.

Property Detail

Contra Costa, CA GUS KRAMER, ASSESSOR

Parcel # (APN): **052-051-034-8**

Use Description:

Parcel Status:

Owner Name: **FKP INC**Mailing Address: **1955 LAKE PARK DR #250 SMYRNA GA 30080-8873**Situs Address: **3951 OAKLEY RD ANTIOCH CA 94561**

Legal

Description: **POR SEC 28 T2N R2E EX FEE BLW 500 FT****ASSESSMENT**Total Value: **\$1,289,266**Use Code: **56**

Zoning:

Land Value: **\$1,234,258**Tax Rate Area: **01080**

Census Tract:

Impr Value: **\$55,008**Year Assd: **2007**

Improve Type:

Other Value:

Property Tax:

Price/SqFt:

% Improved **4%**

Delinquent Yr

Exempt Amt:

HO Exempt?: **N****SALES HISTORY**

	<u>Sale 1</u>	<u>Sale 2</u>	<u>Sale 3</u>	<u>Transfer</u>
Recording Date:	12/26/1995	07/05/1988	09/11/1987	12/26/1995
Recorded Doc #:	223539		13892-878	223539
Recorded Doc Type:				
Transfer Amount:				
Sale 1 Seller (Grantor):				
1st Trst Dd Amt:		Code1:	2nd Trst Dd Amt:	Code2:

PROPERTY CHARACTERISTICS

Lot Acres: 31.603	Year Built:	Fireplace:
Lot SqFt: 1,376,627	Effective Yr:	A/C:
Bldg/Liv Area:	Total Rooms:	Heating:
Units:	Bedrooms:	Pool:
Buildings:	Baths (Full):	Park Type:
Stories:	Baths (Half):	Spaces:
Style:	Garage SqFt:	Site Inlfnce:
Construct:		Timber Preserve:
Quality:		Ag Preserve:
Building Class:		
Condition:		
Other Rooms:		

*** The information provided here is deemed reliable, but is not guaranteed.

Property Detail

Contra Costa, CA GUS KRAMER, ASSESSOR

Parcel # (APN): **052-051-013-2**

Use Description:

Parcel Status:

Owner Name: **FKP INC**Mailing Address: **1955 LAKE PARK DR #250 SMYRNA GA 30080-8873**Situs Address: **OAKLEY RD ANTIOCH CA 94509**

Legal

Description: **POR SEC 28 T2N R2E****ASSESSMENT**Total Value: **\$1,066,054**Use Code: **51**

Zoning:

Land Value: **\$1,066,054**Tax Rate Area: **01080**

Census Tract:

Impr Value:

Year Assd: **2007**

Improve Type:

Other Value:

Property Tax:

Price/SqFt:

% Improved

Delinquent Yr

Exempt Amt:

HO Exempt?: **N****SALES HISTORY**

	<u>Sale 1</u>	<u>Sale 2</u>	<u>Sale 3</u>	<u>Transfer</u>
Recording Date:	12/26/1995	06/07/1989	01/24/1979	12/26/1995
Recorded Doc #:	223539	15117-550	9198-754	223539
Recorded Doc Type:				
Transfer Amount:				
Sale 1 Seller (Grantor):				
1st Trst Dd Amt:		Code1:	2nd Trst Dd Amt:	Code2:

PROPERTY CHARACTERISTICSLot Acres: **21.620**

Year Built:

Fireplace:

Lot SqFt: **941,767**

Effective Yr:

A/C:

Bldg/Liv Area:

Total Rooms:

Heating:

Units:

Bedrooms:

Pool:

Buildings:

Baths (Full):

Park Type:

Stories:

Baths (Half):

Spaces:

Style:

Construct:

Garage SqFt:

Site Infnce:

Quality:

Building Class:

Timber Preserve:

Condition:

Ag Preserve:

Other Rooms:

Property Detail

Contra Costa, CA GUS KRAMER, ASSESSOR

Parcel # (APN): 052-052-006-5

Use Description:

Parcel Status:

Owner Name: **FKP INC**Mailing Address: **1955 LAKE PARK DR #250 SMYRNA GA 30080-8873**Situation Address: **ANTIOCH CA 94509**

Legal

Description: **POR SEC 28 T2N R2E****ASSESSMENT**Total Value: **\$14,907**Use Code: **50**

Zoning:

Land Value: **\$14,907**Tax Rate Area: **01080**

Census Tract:

Impr Value:

Year Assd: **2007**

Improve Type:

Other Value:

Property Tax:

Price/SqFt:

% Improved

Delinquent Yr

Exempt Amt:

HO Exempt?: **N****SALES HISTORY**

	<u>Sale 1</u>	<u>Sale 2</u>	<u>Sale 3</u>	<u>Transfer</u>
Recording Date:	12/26/1995	07/05/1988	09/11/1987	12/26/1995
Recorded Doc #:	223539		13892-878	223539
Recorded Doc Type:				
Transfer Amount:				
Sale 1 Seller (Grantor):				
1st Trst Dd Amt:	Code1:		2nd Trst Dd Amt:	Code2:

PROPERTY CHARACTERISTICSLot Acres: **0.470**

Year Built:

Fireplace:

Lot SqFt: **20,473**

Effective Yr:

A/C:

Bldg/Liv Area:

Total Rooms:

Heating:

Units:

Bedrooms:

Pool:

Buildings:

Baths (Full):

Park Type:

Stories:

Baths (Half):

Spaces:

Style:

Construct:

Garage SqFt:

Site Infnce:

Quality:

Timber Preserve:

Building Class:

Ag Preserve:

Condition:

Other Rooms:

Property Detail

Contra Costa, CA GUS KRAMER, ASSESSOR

Parcel # (APN): **052-052-002-4**

Use Description:

Parcel Status:

Owner Name: **PDQ PRODUCTS**Mailing Address: **PO BOX 787 ANTIOCH CA 94509-0078**Situs Address: **3995 OAKLEY RD ANTIOCH CA 94509**

Legal

Description: **POR SEC 28 T2N R2E****ASSESSMENT**Total Value: **\$1,593,501**Use Code: **53**

Zoning:

Land Value: **\$66,289**Tax Rate Area: **01080**

Census Tract:

Impr Value: **\$1,527,212**Year Assd: **2007**

Improve Type:

Other Value:

Property Tax:

Price/SqFt:

% Improved **95%**

Delinquent Yr

Exempt Amt:

HO Exempt?: **N****SALES HISTORY**

	<u>Sale 1</u>	<u>Sale 2</u>	<u>Sale 3</u>	<u>Transfer</u>
Recording Date:	05/08/1975	08/09/1973	00/00/1951	05/08/1975
Recorded Doc #:	7500-837	7017-237	33-566	7500-837
Recorded Doc Type:				
Transfer Amount:				
Sale 1 Seller (Grantor):				
1st Trst Dd Amt:	Code1:		2nd Trst Dd Amt:	Code2:

PROPERTY CHARACTERISTICS

Lot Acres: 7.700	Year Built: 1972	Fireplace:
Lot SqFt: 335,412	Effective Yr: 1972	A/C:
Bldg/Liv Area: 48,584		Heating:
Units:	Total Rooms:	Pool:
Buildings:	Bedrooms:	
Stories:	Baths (Full):	Park Type:
Style:	Baths (Half):	Spaces:
Construct:		Site Inffnce:
Quality:	Garage SqFt:	
Building Class:		Timber Preserve:
Condition:		Ag Preserve:
Other Rooms:		

*** The information provided here is deemed reliable, but is not guaranteed.

Property Detail

Contra Costa, CA GUS KRAMER, ASSESSOR

Parcel # (APN): **052-030-013-8**

Use Description:

Parcel Status:

Owner Name: **ANTIOCH PAVING COMPANY INC**Mailing Address: **PO BOX 1669 ANTIOCH CA 94509-0166**Situs Address: **WILLOW AVE ANTIOCH CA 94509**

Legal

Description: **PCL MAP 73 PG 22 PCL A****ASSESSMENT**Total Value: **\$227,399**Use Code: **12**

Zoning:

Land Value: **\$67,456**Tax Rate Area: **01080**

Census Tract:

Impr Value: **\$159,943**Year Assd: **2007**

Improve Type:

Other Value:

Property Tax:

Price/SqFt: **\$69.55**% Improved **70%**

Delinquent Yr

Exempt Amt:

HO Exempt?: **N****SALES HISTORY**

	<u>Sale 1</u>	<u>Sale 2</u>	<u>Sale 3</u>	<u>Transfer</u>
Recording Date:	08/30/1984	05/12/1978	10/13/1976	08/30/1984
Recorded Doc #:	11947-628	8835-41	8052-117	11947-628
Recorded Doc Type:				
Transfer Amount:	\$111,000			
Sale 1 Seller (Grantor):				
1st Trst Dd Amt:	Code1:	2nd Trst Dd Amt:	Code2:	

PROPERTY CHARACTERISTICS

Lot Acres: 5.250	Year Built: 1932	Fireplace:
Lot SqFt: 228,690	Effective Yr: 1931	A/C:
Bldg/Liv Area: 1,596	Total Rooms: 8	Heating:
Units:	Bedrooms: 4	Pool:
Buildings:	Baths (Full): 1	Park Type:
Stories:	Baths (Half):	Spaces:
Style:	Garage SqFt:	Site Inffnce:
Construct:		Timber Preserve:
Quality:		Ag Preserve:
Building Class:		
Condition:		
Other Rooms:		

BUILDING INSPECTION DEPARTMENT
CONTRA COSTA COUNTY

Receipt Number 109623 APPLICATION FOR BUILDING PERMIT

APPLICANT TO FILL IN BETWEEN HEAVY LINES

P. D. G. PRODUCTS Co
554 Blank Ave
Pittsburg, CA 952-6191

DATE ISSUED: Oct 25 1985
BLOG PERMIT: 380
Blgd Fee: \$1920
Plan Cnkg: \$1920
Power Pole: \$1920
TOTAL \$ 57

SIZE OF BUILDING AND VALUATION: 3000 sq ft, 6000

CLASS OF WORK: OWNER

REPAIR: Add, Move

NO. OF STORIES: 1
USE OF BLDG: STORAGE

ORDINANCE CODE: CONTRA COSTA COUNTY

REMARKS: I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all County Ordinances and State laws regarding building construction.

Checked: [] Code
By: [] Date

Structural: [x] Checked: []
By: [] Date: []

Plan Check No. []

NO. OF PLANS []

BOX NO. []

Received []

CHECKED: CONTRA COSTA COUNTY PLANNING COMMISSION
Approved By: [Signature] BUILDING INSPECTOR

Parcel Number 52-052-02

Owner's Name P. D. G. Products Co

Location Antioch

Permit Number 37951

General Contractor [Signature]

Subdivision [Signature]

Date Received 10-25-74

Occupancy [Blank]

Street Willow Avenue

Zoning Building Clearances

Land Use Dist. H-1

Cross Street Oakley Road

Footings 14-30

Plumbing Contractor

Fee [Blank]

Electrical Contractor

Fee [Blank]

Future Contractor

Heat & Vent. Contractor

Fee [Blank]

Rad. Hr. Contractor

Slabs 10-30

Ground Piling Rgn. [Blank]

Rough Gas

Rough Wiring

Temp. Gas Service

Temp. Service

Features

Heat & Vent. Rough

Rough Gas

Rad. Hr. Rough

Rad. Hr. Final

Rad. Hr. Final

Final Pub. Fee

Slabs 10-30

Temp. Gas Service

Frame

Temp. Gas Service

Ldg

Temp. Gas Service

Masonry

Temp. Gas Service

Fireplace

Temp. Gas Service

Water Pressure

lbs.

Invoice No.	Invoice Amount	Warrant No.	Invoice No.	Invoice Amount	Warrant No.	Invoice No.	Invoice Amount	Warrant No.	Invoice No.	Invoice Amount	Warrant No.	Invoice No.	Invoice Amount	Warrant No.

GRADING PERMIT NO. _____ DATE _____

FINAL CHECK _____ DATE _____

Final Building DATE _____

2-13-75 [Signature]

* End of Willow Ave Access RR Tracks left to Bear of Old PG&E Building

White Copy Original
Canary Copy File
Pink Copy Coindicator
Parcel #

BUILDING INSPECTION DEPARTMENT
County of Contra Costa
APPLICATION FOR PERMIT

Plumb. (B)
 Elec. (C)
 Mech. (D)
P.O. Box 789
Martinez, CA, 94553
Phone 372-2300

Owner P.D.Q. PRODUCTS 9-8-76
General Contractor 432-6191
Street EXT OF WILLOW ROAD
Cross Street AT OAK LEY ROAD
City/Township ELIOT CITY

Building Permit # 052/052/002
Misc.

Receipt Number 130290
Plumbing \$
Electrical \$
Mech \$ 200
Appraisal \$
Plan Check \$
TOTAL \$ 200

PLUMBING CONTRACTOR

Sq. Feet _____
Name _____
Address _____ City _____ Phone _____
State Contractor's License No. _____
1. GAS SYS. 5. WATER HEATER/VENT
2. SPRINKLER SYS. 6. PLUMBING FIXTURES _____
3. RESTORE SVS. 7. MISC. _____
4. MOBILHOME

Occupancy INDUSTRIAL

MECHANICAL CONTRACTOR

Sq. Feet _____
Name P.D.Q. PRODUCTS
Address 554 CLARK AVE
State Contractor's License No. 432-6191
1. HEAT APP. 4. GAS SYS. 8. CONVECTOR
REGISTER 5. HOT WATER PANEL 9. FANS
2. COOLING APP. 6. POOL MTR. 10. WSP.
3. HEAT/COOL APP. 7. FIRE PLACE
Refrig. REF-GAS

ELECTRICAL CONTRACTOR

Sq. Feet _____
Name _____
Address _____ City _____ Phone _____
State Contractor's License No. _____
1. BR. CIR/FEEDER 5. POWER POLE 8. WIRING FOR _____
2. FIXTURE 6. MOBILHOME 9. MISC. MACH. _____
3. CHG SVS. 7. SVCS METER 10. SIGNS _____
4. RESTORE SVCS. SVR. SWITCH _____ AMPS _____
G48 REV. 7/75

Notes: _____
Signature: _____ Contractor Manager
Approved: Building Inspector _____
By: _____

WORK TO BE DONE

Contra
Costa
County



BUILDING INSPECTION DEPARTMENT
 COUNTY ADMINISTRATION BUILDING
 651 PINE STREET, THIRD FLOOR, NORTH WING
 MARTINEZ, CALIFORNIA 94553
 TELEPHONE (415) 372-2300
 MAILING ADDRESS: P.O. BOX 748 • MARTINEZ, CA. 94553

001723

PERMIT INVOICE

P.D.Q. PRODUCTS
 554 CLARK AVE
 PITTSBURG, CA

94565

BUILDING PERM. NO. A 0290H
 PARCEL NO. 0052059008
 OWNER
 LOCATION

2801000.0	11 12 83
-----------	----------

HEAT/VENT
 HEAT/VENT
 HEAT/VENT

PERMIT/EXPIRED
 P D Q PRODUCTS, EXT. OF
 WILLOW RD, E. ANTIOCH

1.00	20.00	20.00
0.00	0.00	0.00
0.00	0.00	0.00

Contra
Costa
County



TOTAL PLUMBING	TOTAL ELECTRICAL	TOTAL HEAT/VENT	TOTAL PERMIT	AMOUNT DEDUCTIBLE
1.00	.00	20.00	20.00	20.00

SYSTEM DESIGN BY
 COMPUTER SERVICES ASSOCIATES



2801000

PARCEL NO. 052-052-002 FEB 1981

ADDRESS Ext of Willow Road LOCATION East end of Willow

CROSS STREET Oak Leaf Road OWNER P D O Proulx

ELECTRIC	PLUMBING	HEATING - OILS
DATE	DATE	DATE
REC. NO.	REC. NO.	REC. NO.

MISC. PERMIT FINAL O.K.	MISC. PERMIT FINAL O.K.	MISC. PERMIT FINAL O.K.
Inspector	Inspector	Inspector
Date	Date	Date

1-29-81 NO REQUEST FOR INSPECTION TO APPROVE DRAWING

9-22-76
making per 8/2/76

9-22-76
making per 8/2/76

9-22-76
making per 8/2/76

APPLICATION FOR A <i>LAND USE PERMIT</i>		HEARING DATE, <u>30</u> <i>6/27/77</i> PM	FILE NO. <i>2093-77</i>
APPLICANT Name: <i>Lucelio Sulprizio</i> Address: <i>18 Adobe Court D</i> City/State: <i>Danville, Cal. 94526</i> Phone: 432-6191 <i>37-6191</i> Zip: <i>94526</i>		OWNER Name: <i>P D Q Products, Inc.</i> Address: <i>554 Clark Ave.</i> City/State: <i>Pittsburg, Cal. 94565</i> Phone: <i>(312) 432-6191</i> Zip: _____	

Total Parcel Area: *7.7* Water Supply Source: *Well*
 Number of Parcels Requested: *one* Agency Regulating Sewers: *Environmental Health*
Septic In Green

NATURE OF REQUEST - Give Reasons
Caretaker mobile home, suggested by Sheriff's Dept.
1. Need caretaker watchman, we have Machinery & Equipment.
2. Size of mobile home is (12' x 60') cost \$12000 this is a new mobile home.
3. yes we need full time caretaker.
4. we have no living facilities on the site at this time.
5. At this site we have been broken into, about 12 times this year.

Lucelio Sulprizio Applicant's Signature *P D Q Products Inc. by Sulprizio* Owner's Signature

Office Use Only	
Application Description <i>REQUEST TO ESTABLISH A</i> <i>MOBILE HOME FOR CARETAKER/WATCHMAN</i>	
Property Description <i>A descriptive parcel fronting approx 900</i> <i>ft. on the south side of S.P.R.R. Blvd., approx</i> <i>1500 ft West of Hwy. 4 Antioch Area</i>	
Ordinance Ref <i>54-68, 806 (3)</i>	Comments
Area <i>ANTIOCH</i>	Assessor's No. <i>52-052-02</i>
Fire District <i>OVERVIEW</i>	Zoning District <i>H-1</i>
Sphere of Influence	Census Tract <i>3080</i>
	Date Filed <i>5-24-77</i>
	Filing Fee <i>9000</i>
	Receipt No. <i>4-505192</i>
	By <i>M. J. [Signature]</i>
	Contra Costa County Planning Department

Chevron USA Inc Road
23 AC

7.7 ACRES

4" P/L located
5' Easterly of
Westerly P/L

4" P/L located
5' North of
South P/L

Antoinette Turner
29.31 AC.

APPROXIMATE NO.
52-052-02

7.7 ACRES
P.O. Products Inc

Sold to
PG&E-1950

Licensed to State Agreement
dated June 21, 1965 - Each 2.29

Loop Line to PG&E
Antioch Steam Plant
(Sold to PG&E-1957)

Access Road to Sump

2.07
ACRES

1953 - Lease from
SPCO

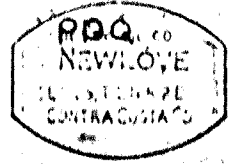
Water Line (And in place)
630'

6" Drain
8" Drain

Existing Building
Caserwell
Water Sump

Water Line to Contra Costa
County Water Plant

1" = 100'



121-J-4

RECEIVED
MAY 24 1977

CONTRA COSTA COUNTY
PLANNING DEPARTMENT

WILLOW

AVE.

20

21

OAKLEY

ROAD

29

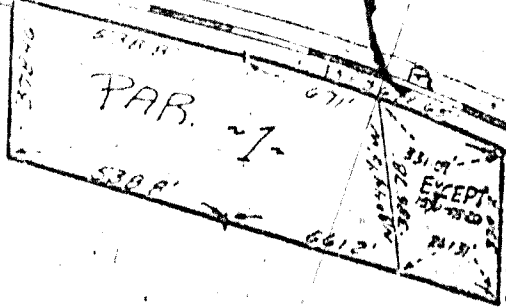
28



20' EASE
PAR. - 2

PAR. - 3

PAR. - 4



THIS IS NOT A SURVEY OF THE LAND BUT IS COMPILED FOR INFORMATION BY THE TITLE INSURANCE AND TRUST COMPANY FROM DATA SHOWN BY THE OFFICIAL RECORDS.

COUNTY OF CONTRA COSTA

BUILDING INSPECTION DEPARTMENT
 PINE AND ESCOBAR STREETS,
 P. O. BOX 749
 MARTINEZ, CALIFORNIA 94553
 PHONE 372-2300

Date
 Name
 Address

August 5, 1977
 P D Q Products
 554 Clark Ave. Pittsburg

PERMIT FEE
 INVOICE NO. **74076**

Building Permit No. A
 Parcel No.

Misc. / 52-052-02 Mobilhome Rec. 141269

Owner
 Location

Same
 Ext. of Willow Road Antioch

PLUMBING			ELECTRICAL			HEATING AND VENTILATION			
DESCRIPTION	NO	UNIT COST	DESCRIPTION	KW HP	NO	UNIT COST	DESCRIPTION	NO	UNIT COST
Fixing Fee	1	5.00	Fixing Fee		1	6.00	Fixing Fee		5.00
FEE PER 100 SQ. FT. 1.50		1.50	FEE PER 100 SQ. FT. 1.50			1.50	FEE PER 100 SQ. FT. 1.00		1.00
Water Saver Eyes	1	1.75 ea.	SWIM POOL BONDING UNIT FEE			10.00	Registers (Over 10)		2.00
Basin		1.75 ea.	SWIM POOL WIRING UNIT FEE			12.00	Flues		1.00 ea.
Bath Tub		1.75 ea.	Ceiling Outlets			25 ea.	Heating Appliance		4.00 ea.
Shower		1.75 ea.	Receptacles			25 ea.	Cooling Appliance		4.00 ea.
Sink		1.75 ea.	Switches			25 ea.	Mfg. Cooling Unit		6.00 ea.
Dishwasher		1.75 ea.	Heavy Duty Plugs			25 ea.	Water Heater		1.75 ea.
Disposal		1.75 ea.	Motors			45 H.P.	Kitchen and/or Bathroom Vent		1.00 ea.
Automatic Washer		1.75 ea.	Motors (Fract)			45 H.P.	Gas System		1.75 ea.
Laundry Tray		1.75 ea.					Misc. Appliance by Equipment		3.00
Water Heater		1.75 ea.	Lighting Fixtures			2.00/12	Special Inspection		22.00/hr
Gas System	1	1.75 ea.	Additional Fixtures			25 ea.			
Floor-6601 Drains		1.75 ea.	Meters			1.00 ea.			
Filter		1.75 ea.	Change of Service			2.00			
Vacuum Breakers		2.00/5	Circuits		1	1.25 ea.			
Urinals		1.75 ea.	T.V. System			1.50			
Drinking Fountain		1.75 ea.	SERVICE TOWER 6A/100 AMP		50	3.00			
Sprinkler Sys./Zone Sewer	1	5.00 ea.							
T & P Valve		1.75 ea.							
MINIMUM FEE 5.00 PLUMBING FEE 13.50			MINIMUM FEE 5.00 ELECTRICAL FEE 8.25			MINIMUM FEE 5.00 HEATING & VENTILATION FEE			

REMARKS: CANCELLATION FEE \$5.00

TOTAL HEATING & VENTILATION FEE	
TOTAL ELECTRICAL FEE	8.25
TOTAL PLUMBING FEE	13.50
TOTAL PERMIT FEES	21.75
AMOUNT DEPOSIT	40.00
AMOUNT	18.25

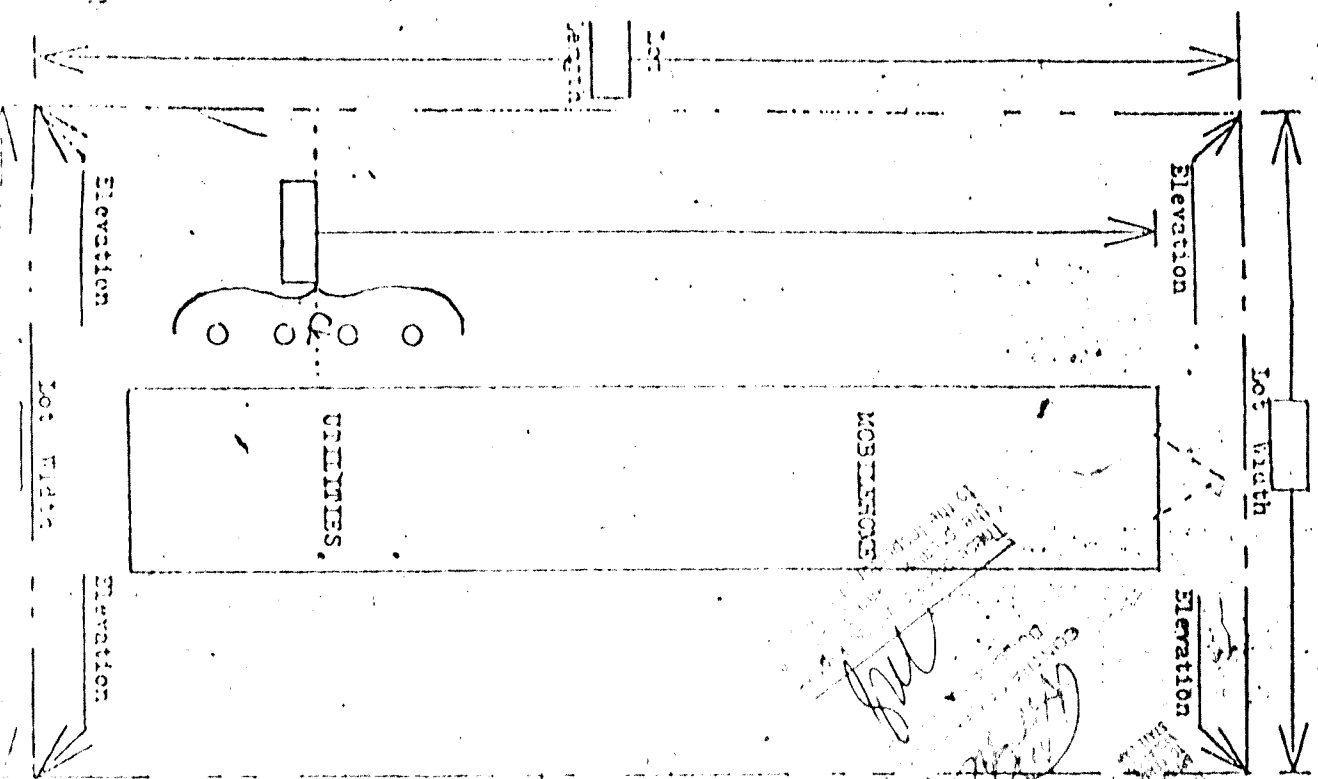
REFUND WARRANT NO. _____

52-052-02

Private Property

- 7-21-77 Met at site w/ owner, Mr. Lucezio Sulprizio, and Elly Inspector, C. Pratt, re: utility installations and Mr. Sulprizio said he hadn't received our package of literature. Reviewed corrections and advised that he would receive data tomorrow. Rdt.
- 7-22-77 Delivered priv. property M.H. setup data to employee of owner at site. Rdt.
- 8-1-77 Utilities inspection made, gas test ok, see correction list for electric work. ok to issue setup permit for M.H. Rdt.
- 8-26-77 Checked for concrete pad at M.H. utilities and they haven't had time to do job yet. Noted appliance type gas pressure ~~type~~ regulator at mobile home. Rdt.
- 8-29-77 Phoned Antioch P.G. & E. office and conversed w/ Mrs. Brown. They are to send their gas personnel to job to check for proper regulator. Rdt.
- 8-30-77 Stopped at site and advised workmen in plant that P.G. & E. had been contacted re: gas regulator and they indicated that they would have someone check it out.
- 9-6-77 Stopped at Plant and no change in conditions. Employee at site said that P.G. & E. had not been there and that Mr. Sulprizio had phoned installers and sellers of mobile home.
- 9-7-77 Conversed on phone w/ Mrs. Brown of P.G. & E. and she said she would have to check w/ gas dept. and return call. Rdt.

MOBILEHOME & INSTALLATION SHEET
 Site Utility Services



NOTES: (a) Utility connections shall be located outside the rear 1/3 of the mobilehome within 4 feet of the left wall.
 (b) Show relative elevations of each corner of lot or site.

PERMIT NUMBER _____
 Gas: Natural X LPG _____ Riser Size 3/4"
 Main Inlet: Size 3"
 Electrical Equipment: Rating (amps) 50
 (e) Receptacle _____
 (b) Power Supply Assembly _____
 Circuit-Breaker Rating (amps) 50
 (c) Equipment Rating (amps) 50

Utility services shall be completed prior to issuance of installation permit. Sect. 5078.1.

Lot _____
 Density _____

1. Size: Length 60 Width 10
2. Electrical: (a) Power Supply Cord Rating 50
 (b) Power Supply Assembly Rating _____
3. Gas Supply Connection Size _____
4. Water Connector Size 5/8" O.D.
5. Drain Connector Size 3" ABS
6. Manufacturer: SANDPOINTE Year 1977
 (Address) END OF WILLOW ROAD

State Indiana # _____ Serial # 0789
 Model (_____) X Unit) (CH 034 614 U Unit)
 Roof Live Load 20 p.s.f. Wind Load 15 p.s.f.
 Park PRIVATE PROPERTY Lot _____
 Mfr. _____ Date _____

APPLICATION AND PERMIT FOR INSTALLATION OF A MOBILEHOME

Mobilehome Park

NAME OF PARK _____ MOBILEHOME INSTALLER _____
 ADDRESS _____ ADDRESS _____
 TELEPHONE _____ TELEPHONE _____
 TENANT _____ INSTALLER CONTRACTORS LICENSE NO. _____
 SPACE NO. _____

Outside of Mobilehome Park

TENANT'S NAME XXX SULPRIZO MOBILEHOME INSTALLER TRIANGLE DODGE
 ADDRESS END OF WILLOW ROAD ADDRESS 85 E. 18th ST.
 DATE OF MANUFACTURE _____ TELEPHONE 754-0688
 OF MOBILEHOME 3-18-77

PERMIT NUMBER
 REVIEWED
 FOR COMPLIANCE WITH
 BUILDING CODE AND ZONING
 ORDINANCES. THIS PERMIT
 DOES NOT GUARANTEE THE
 ACCURACY OF THE DATA
 SUBMITTED.

APPLICANT APPROVED BY: _____
 COUNTY OF BSTA COUNTY
 Building Inspector
 The applicant must be kept on
 the premises and accessible
 to the inspector at all times

DATE: _____
 BY: _____
 Inspector

Contra Costa County Planning Department
County Administration Building
Pine & Escobar Streets
Martinez, California

RECEIVED
JUL 14 1977

CONTRA COSTA COUNTY
BUILDING INSPECTOR

Application No. 2093-77
Assessor's Parcel No. 52-052-02
Land Use District: H-1
Effective Date: July 12, 1977

AS AUTHORIZED BY THE ZONING ADMINISTRATOR a conditional use permit is hereby granted to:

LUCELIO SULPRIZIO
18 Adobe Court D
Danville, California 94526

FOR THE FOLLOWING: To establish a mobile home for a caretaker/watchman - Granted with the following conditions:

1. The permit is granted to the applicant Lucelio Sulprizio and owner PDG Products only, and is not transferable.
2. The permit is granted for the use of a mobile home for a caretaker only. The occupant of the mobile home shall be primarily employed as a caretaker of the subject property and shall be present on the site most hours of the day.
3. The mobile home shall be removed from the premises when it is no longer needed for the above use.
4. The mobile home shall contain not less than 220 square feet of superficial floor area as defined by the Health and Safety Code.
5. The mobile home shall be placed on the property as indicated on the plot plan submitted with the application.
6. The applicant shall obtain the necessary utility permits and comply with the requirements of the Contra Costa County Health Department and Building Inspection Department.
7. This permit shall be valid for a period of two (2) years.

LOCATED ON: A descriptive parcel fronting approximately 900 feet on the south side of Southern Pacific Railroad right-of-way, approximately 800 feet west of Highway 4, in the Antioch area.

Unless otherwise provided, THIS PERMIT WILL EXPIRE ONE YEAR from the effective date if the conditional use allowed by this permit is not established within that time.

Anthony A. Dehaesus
Director of Planning

Gunther Boccia
Gunther Boccia
Acting Zoning Administrator

GB:gg

cc: File 2093-77

R. I. KRAINTZ
COUNTY BUILDING INSPECTOR

R. W. GIESE
ASSISTANT BUILDING INSPECTOR

LAWRENCE T. GUNN
ADMIN. SVCS. ASSISTANT

GLENN D. SALYER
HOUSING COORDINATOR

TELEPHONE 372-2311

BUILDING INSPECTION DEPARTMENT
CONTRA COSTA COUNTY

COUNTY ADMINISTRATION BUILDING
PINE AND ESCOBAR STREETS
P. O. BOX 749
MARTINEZ, CALIFORNIA 94553

ALFRED T. COOPER
PRINCIPAL ELECTRICAL INSPECTOR

G. H. MCCONNELL
PRINCIPAL MECHANICAL INSPECTOR

CARL J. JAMISON
ENGINEER

JAMES A. SEARFUS
GRADING ENGINEER

July 6, 1977

PDQ Products, Inc.
554 Clark Ave.
Pittsburg, Ca. 94565

Subject: Mobilehome Installation
Location: Antioch
Street: so. si. of S.P.R.R. R/W approx.
Parcel No: 800 ft. w. of Hwy. 4
52-052-02

Gentlemen:

This letter is to guide you as you prepare the mobilehome for occupancy as allowed by your Land Use Permit No. 2092-77. The following procedure is to be completed in the order listed:

1. Prepare three sets of plot plans showing the location of the trailer with respect to other existing structures and the lot lines. Show the size and location of the utilities and the size and location of the sanitary sewer. The enclosed typical individual trailer layout is intended to assist you.

It is possible that the existing gas, water, electrical and drainage systems are inadequate to supply the additional load of a trailer. We suggest that you have your contractors consider this when preparing plans for the permits.

2. The sewage disposal system to be approved by Sanitation Division of Health Department or the Sanitary District. Have them indicate their approval on all copies of your plot plans.
3. Take the remaining copies of the plot plans to the County Planning Department for their stamp of approval.
4. Apply at the Building Inspectors' Office for permits to install the required utilities. Bring the Planning Dept.'s approved plans with you.

Application can be made at the Plan Check Counter in the Building Inspection Department on the Third Floor of the Administration Building at Pine and Escobar Streets in Martinez Monday through Friday (except holidays) between the hours of 8:00 a.m. and 12:00 noon and 1:00 p.m. and 5:00 p.m. Telephone 372-2311.

5. In addition to the above permits, installation of accessory structures such as awnings, carports, or porches also require building permits from this Department. Refer to the attached information sheet for additional information.

Very truly yours,

R. W. Giese
ACTING COUNTY BUILDING INSPECTOR

By: R. H. Tanner
Deputy Building Inspector

9-12-75
GDS:cc

APPLICATION FOR A <i>LAND USE PERMIT</i>	HEARING DATE, <u>30</u> <i>6/27/77 PM</i>	FILE NO. <i>2093-77</i>
	APPLICANT Name <u>Lucelio Sulprizio</u> Address <u>18 Adobe Court D.</u> City, State <u>Danville, Cal. 94526</u> Phone <u>837-9505 3750</u> Zip _____	
OWNER Name <u>P. D. Q. Products, Inc.</u> Address <u>554 Clark Ave.</u> City, State <u>Pittsburg, Cal. 94565</u> Phone <u>432-6191</u> Zip _____		

Total Parcel Area 7.7 Water Supply Source Well
 Number of Parcels Requested one Agency Regulating Sewers Environmental Health
Septic Man Green

NATURE OF REQUEST - Give Reasons
 Caretaker mobile home, suggested by Sheriff's Dept.

1. Need caretaker watchman, we have Machinery & equipment.
2. Size of mobile home is (12' x 20') cost \$7,500 this is a new mobile home.
3. yes we need full time caretaker.
4. we have no living facilities on the site at this time.
5. At this site we have been broken into, about 12 times this year.

Applicant's Signature Lucelio Sulprizio Owner's Signature P.D.Q. Products Inc. by Sulprizio

← Office Use Only →	
Application Description <u>REQUEST TO ESTABLISH A</u> <u>MOBILE HOME FOR CARETAKER / WATCHMAN</u>	
Property Description <u>A descriptive parcel fronting approx 900</u> <u>ft. on the south side of S.P.R.R. R/W, approx</u> <u>800 ft. West of Hwy. 4 Antioch Area</u>	
Ordinance Ref. <u>84-68,806 (3)</u>	Comments _____ _____ _____
Area <u>ANTIOCH</u>	
Fire District <u>RIVERVIEW</u>	Assessor's No. <u>52-052-02</u> Date Filed <u>5-24-77</u> Zoning District <u>H-1</u> Filing Fee <u>90.00</u> Census Tract <u>3080</u> Receipt No. <u>9-505192</u> By <u>Mansell</u> Contra Costa County Planning Department
Sphere of Influence	

Chevron USA Inc. Road
23 AC.

TOTAL AREA 77 ACRES

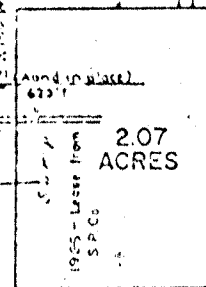
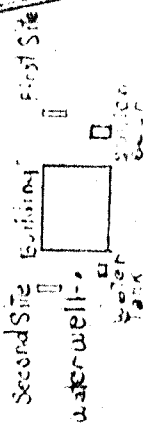
4" P/L located
5' Easterly of
Westerly P/L.

4" P/L located
5' North of
South P/L

Antoinette J. Durner
29.31 AC.

7.7 ACRES
P.O.Q. Products Inc.

Access Road to Sump



Licensed to State - Agreement
dated June 27, 1965 - Lic. 229

loop line to PG&E
Antioch Steam plant
(Sold to PG&E - 1957)

Sold to
PG&E - 1950

5" water line to Contra Costa
County Water Dist. 24" line

5" = 100'

121-1-1
Y-20

RECEIVED
MAY 24 1977

CONTRA COSTA COUNTY
PLANNING DEPARTMENT
Aug 1963



121-J-4

TO BEB C

WILLOW
AVE.

20 21

CRISLEY

ROAD



29 28

2184

20' EASE
PAR. - 2

PAR.
- 3

PAR.
- 4

PAR. - 1

EXCEPT

1550

THIS IS NOT A SURVEY OF THE LAND BUT IS COMPILED FOR INFORMATION BY THE
TITLE INSURANCE AND TRUST COMPANY FROM DATA SHOWN BY THE OFFICIAL RECORDS

ZONING ADMINISTRATOR MEETING
June 27, 1977 - 1:30 p.m.

16. Lucelio Sulprizio (Applicant) - PDQ Products, Inc. (Owner) (2093-77) (H-1)

I. INTRODUCTION

This is a request to establish a mobile home for occupancy by a caretaker/watch-person on a 7.7 acre parcel of land located on the south side of the S.P.R.R. right-of-way and north of and west of Highway 4, in the Antioch area.

II. GENERAL INFORMATION

A. General Plan: Heavy Industry (1963 General Plan)

B. Zoning: Heavy Industry (H-1)

C. Site Description: Presently used for the storage of machinery and other equipment. There is an existing storage building with miscellaneous storage outside.

D. Surrounding Area: Miscellaneous industrial and agriculture uses.

E. EIR: Categorically Exempt

III. NATURE OF REQUEST

The applicant is in the process of establishing a machine shop (melting and casting products). Because of the remoteness of the site it is necessary to have a resident caretaker to protect the business from vandalism and theft.

IV. CONCLUSION

The location of the site as well as the nature of the business warrant the need for a resident caretaker. The request is in keeping with the intent of the Ordinance.

V. RECOMMENDATION

Approve 2093-77 to establish a caretaker's mobile home subject to the following conditions:

1. The permit is granted to the applicant Lucelio Sulprizio and owner PDQ Products only, and is not transferable.
2. The permit is granted for the use of a mobile home for a caretaker only. The occupant of the mobile home shall be primarily employed as a caretaker of the subject property and shall be present on the site most hours of the day.

Lucello Suprizio
2093-77

- 2 -

June 27, 1977

3. The mobile home shall be removed from the premises when it is no longer needed for the above use.
4. The mobile home shall contain not less than 220 square feet of superficial floor area as defined by the Health and Safety Code.
5. The mobile home shall be placed on the property as indicated on the plot plan submitted with the application.
6. The applicant shall obtain the necessary utility permits and comply with the requirements of the Contra Costa County Health Department and Building Inspection Department.
7. This permit shall be valid for a period of two (2) years.

DE:bnx
6/22/77

22-4-6

52-052-02-1 LOCATION (Peterson) Central

STREET 1st St. 10 ft. sidewalk

GROSS STREET 1st St. 10 ft. sidewalk

PERMITS

DATE 8-3-77

SET-UP INSPECTION 7-77

RE-INSPECTION

ACCEPTED 8-3-77

UNDER PERMITS

DATE 2-18-77

YARD DIMENSIONS

DEPT. OF PUBLIC WORKS

DATE

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

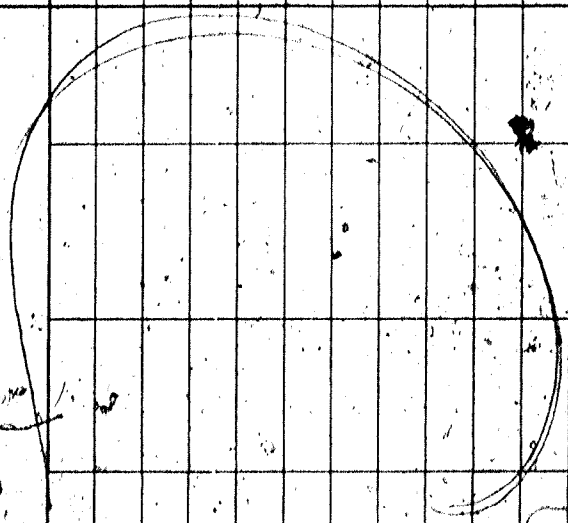
REMARKS

REMARKS

REMARKS

REMARKS

part of sidewalk



DATE 2-18-77

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

INSP. 7-21-77 908925 237-2311

BUILDING INSPECTION DEPARTMENT
County of Contra Costa
APPLICATION FOR PERMIT

Post Office Box 749
Martinez, CA 94553
Phone 372-2300

Permit No. 52-052-02 Date 7-18-77 741269

Building Permit # _____

Project: MISC.

Address: 1515 E. EXTENSION OF WILLOW ROAD
EAST END OF AMTIOCH
AMTIOCH

City: AMTIOCH

Subdivision: PINE STR.

Plumber's Fee: 20.00

Inspector's Fee: 20.00

Plan Check Fee: 40.00

TOTAL: 80.00

MECHANICAL CONTRACTOR

Permit No. _____

Building Permit # _____

Project: PLUMBING CONTRACTOR

Address: OWNER

City: _____

Subdivision: _____

Plumber's Fee: _____

Inspector's Fee: _____

Plan Check Fee: _____

TOTAL: _____

PLUMBING CONTRACTOR

Permit No. _____

Building Permit # _____

Project: ELECTRICAL CONTRACTOR

Address: _____

City: _____

Subdivision: _____

Plumber's Fee: _____

Inspector's Fee: _____

Plan Check Fee: _____

TOTAL: _____

ELECTRICAL CONTRACTOR

Owner: _____

Inspector: _____

Plan Check: _____

Message: _____

Owner: _____

Appro: _____

Permit No. _____

Building Permit # _____

Project: OWNER

Address: _____

City: _____

Subdivision: _____

Plumber's Fee: _____

Inspector's Fee: _____

Plan Check Fee: _____

TOTAL: _____

OWNER

Owner: _____

Inspector: _____

Plan Check: _____

Message: _____

Owner: _____

Appro: _____

**BUILDING INSPECTION DEPARTMENT
CONTRA COSTA COUNTY
P.O. Box 749
Martinez, CA. 94553**

MH SETUP

APPLICATION FOR PERMIT

Parcel # 52-052-02
 Permit # 7-774
 Date 8-3-77 T N # 774

- Building
- Grading
- Moving
- Other-Specify
- Demolish

CONTRACTOR
 Name TRIANGLE DODGE
 Address 85 E. 18th ST.
 City ANTIOCH, CALIF.
 License # XX 261149
 Tel. # _____

DISTRICT
 School 141897

Dimensions
 Valuation _____
 Fire area \$ _____
 Access \$ _____
 License \$ _____
 Tel. # _____

Fee
 Permit \$ 35.00
 Pn. Ck. _____
 F. Fee 5.00
 P. Pole _____
 Cash Bond _____
 Total 99.00

OWNER
 Name SULPRIZO P.P.P. Pro.
 Address 554 Clark Ave
 City Pittsburg, Pa
 Tel. # _____

ARCH/ENG
 Name _____
 Address _____
 City _____
 License # _____
 Tel. # _____

JOB LOCATION
 Area ANTIOCH Lot 52
 Sub. END OF WILLOW ROAD
 Street PARCEL 52-052-02
 Cross St. _____

SOIL ENG
 Name _____
 Address _____
 City _____
 License # _____
 Tel. # _____

EXISTING LOCATION (House Move)
 Street _____ Cross St. _____
 LENDER: _____ Address _____ City _____

TOTAL
 Grading Receipt \$ _____
 Moving Estimate of Cost \$ _____
 Filing Fee _____
 Permit \$ _____

Estimated Costs
 CU. Yds. of Excav. _____
 CU. Yds. of Fill _____

Total
 Use of graded site: A
 Yardage moved _____
 Completion Date: _____

EXPIRATION DATE
 Authority CCC 72 6.010
 BUILDING PERMITS (120 DAYS) CCC 716-4.1408
 GRADING PERMIT (180 DAYS) CCC 716-4.202
 MOBILE PERMIT (60 DAYS) CCC 716-4.202
 UNLESS EXTENSION AUTHORIZED IN WRITING BY THE DEPARTMENT

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all County Ordinance and State Laws regarding Building.

PLANT DEPT
 Land Use District _____
 LUP # _____ Area # _____
 No. Stories _____ Max. Height _____
 Min. Setback _____ Min. Side Yard _____
 Type Const. New Add Alt Move

INT USE
 Plan Check # _____ Reviewed By _____ Date _____
 Date Rec'd _____ Eng _____
 Box No. _____ Elec _____
 No. of Plans _____ Mech. _____
 Occupancy _____ Type Const. _____
 Class _____ Fire Zone _____

NOTES
 Date Filled: 8-4-77
 By: S.H. Terner

PLANT DEPT
 Checked: For Encroachment Ordinance Compliance
 PUBLIC WORKS DEPARTMENT

DATE _____

APPROVED:
 Owner/Applicant _____ Date _____
 Planning Department _____

By: R.J. Kintz, County Building Insp. Date 8-3-77

Manif 1977
Specs on site me.

Planning Department

County Administration Building, North Wing
P.O. Box 951
Martinez, California 94563

Anthony A. Deheesus Director of Planning

Phone: 372-2031

Contra
Costa
County



6
RECEIVED
MAY 27 1977

CONTRA COSTA COUNTY
BUILDING INSPECTION

Planning Commission Members

- Andrew H. Young
- Alamo - Chairman
- William L. Milano
- Pittsburg - Vice Chairman
- Donald E. Andersen
- W. Sprague
- Albert R. Compeglia
- Martinez
- Richard J. Jeha
- El Sobrante
- Jack Stoddard
- Richmond
- William V. Walton III
- Pleasant Hill

To Agencies Listed Below:

File # 2093-77

Applicant: Sulphur

You are hereby notified that processing of the enclosed application has been initiated by the Planning Department. We request your comments by June 2, 1977 so that we may include your concerns in our report to the Hearing Body and not delay the application unduly.

Please distinguish those comments or recommendations which implement or are required by existing laws and ordinances from those whose application would be discretionary on the part of the Hearing Body.

The following special regulatory programs apply to the application:

- () within Geologic Hazard Special Studies Zone
- () within 100 Year Flood Hazard Area/Flood Prone Area
- () within General Plan Noise Element 60 CNEL Contour

Contra Costa County Planning Department

- cc: ~~Fire Dept~~
 Public Works Land Development (2)
 Health Department
 Building Inspection

Fire District - Riverview
 Nearby City - Alameda
 File # 2093-77

To Planning Department:

- () We have no comments on this application.
- () We have comments which will be submitted by the aforementioned date.
- (X) Our comments follow:

Permits will be required for utilities and mobile home setup installations when plot plans w/ Planning and Health Dept approval stamps are presented. Mobile home unit shall be a minimum of 10'-0" from any building.

Elly Inspection Dept.
Agency

[Signature]
Signature of Representative

5-31-77
Date

Parcel # 02-052-002
 Permit # **A 83573 A**
 Date: 9-2-80

BLDG "B"

APPLICATION FOR PERMIT
 This Application becomes the permit when approved by Building Department and Number affixed.

BUILDING INSPECTION DEPARTMENT
CONTRA COSTA COUNTY
 P.O. Box 749
 Martinez, CA 94553
 (415) 372-2300

JOB LOCATION:
 Area: ANTIOCH Lot
 Sub: DEMO
 Street: WILLOW RD (EXT)
 Cross St: OAKLEY RD
 OWNER:
 Name: L. SULPRIZIO
 Address: 554 CLARK AVE
 City: PITTSBURGH
 Tel: 482-6191

CONTRACTOR
 Name: OLIVER & KONES
 Address: 1035 LAKELTON ST
 City: BERKELEY
 License #: 216682
 Tel #: 548-3280

ARCH/ENG
 Name: DUET CLAUSSON
 Address: 780 WEST GRANDVIEW
 City: OAKLAND
 License #: 444-8114

SOIL ENG
 Name:
 Address:
 City:
 License #:
 Tel #:

ELECTRIC
 Name:
 State Contractor's License No:

PLUMBING
 Name:
 State Contractor's License No:

MECHANICAL
 Name:
 State Contractor's License No:

Building Receipt # <u>180314</u>	PARK DED YES <input type="checkbox"/> NO <input type="checkbox"/>	SCHOOL DIST.
Dimensions	Valuation	Fee
Fir area <u>1987</u> sq ft	<u>218867</u>	Permit \$ <u>470.50</u>
Access @ \$		Plan Ck
@ \$		P.D. Fee
@ \$		F Fee
@ \$		P. Pole
		Cash Bond
		Sch Fee
TOTAL	<u>218867</u>	TOTAL \$ <u>470.50</u>

EXISTING LOCATION (House Move)

Street Address: _____ Moving Estimate of Cost \$ _____

Estimated Costs _____ Grading Receipt # _____

CU Yds of Excav _____ Filing Fee _____

CU Yds of Fill _____ Permit \$ _____

Use of graded site _____

Yardage moved _____

Completion Date _____ Total _____

Min. Setback 10' Land Use Dist H-I

Min. Side Yard _____ LUP # _____

Agg. Min. _____

Rear Yard _____ No Storage _____

Type Const _____ New _____ Add _____ Alt _____ Move _____

Census Tract # 3080 Seismic Zone Yes No

Type Use INDUST. BLDG

Max Height _____ Flood Hazard/Prone Yes No

Park Ded _____

Plan Check # _____ Reviewed By _____ Date _____

Date Rec'd _____ Eng _____

Box No _____ Elec _____

No. of Plans _____ Mech _____

Occupancy _____ Type Const _____

Class _____

Sub Fees
 PLB PAID ELEC PAID MECH PAID

NOTES:
SEE ATTACHED FOR PLANNING APPROVAL

LICENSED CONTRACTORS DECLARATION
 I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.
 License Class _____ Lic. Number _____
 Contractor _____

OWNER-BUILDER DECLARATION
 I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code. Any city or county which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 - commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).
 I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).
 I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, or who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).
 I am exempt under Sec. _____ B & P.C. for this reason _____
 Applicant [Signature] Date 9-2-80

WORKERS' COMPENSATION DECLARATION
 I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).
 Policy No. _____ Company _____
 Certified copy is hereby furnished.
 Certified copy is filed with the county building inspection department or county _____ department.
 Applicant [Signature] Date 9-2-80

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE
 (This section need not be completed if the permit is for one hundred dollars (\$100) or less).
 I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.
 Date _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions of this permit shall be deemed waived.
 Date _____

CONSTRUCTION LENDING AGENCY
 I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)
 Lender's Name _____
 Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this county to enter upon the above mentioned property for inspection purposes.
[Signature] 9-2-80
 Signature of Applicant or Agent Date

EXPIRATION DATE:
 BUILDING PERMITS (120 Days) CCC 72-4.010
 GRADING PERMIT (180 Days) CCC 718-4.100
 MOVING PERMIT (90 Days) CCC 714-4.202
 MOBILEHOME (6 Months) TITLE 25, G.A.C.
 UNLESS EXTENSION AUTHORIZED IN WRITING BY THE DEPT.

APPROVED:
 Planning Department _____ Date 9-2-80
 Building Dept. [Signature]
 A.W. Glass, Jr. Building Inspector

Parcel #

052-052-002

Building Permit #

A-83573

BUILDING INSPECTION DEPARTMENT

County of Contra Costa

APPLICATION FOR PERMIT

P.O. Box 749 • Martinez, CA 94553 • 372-2300

PLUMB. (B)

ELEC. (C)

MECH. (D)

APPLICANT Name

WECO Elect.

Mailing Address:

Po Box 6124 Concord

Phone:

685-4333

JOB LOCATION Street

Antelope Cold Getty Pump Station

Area:

OWNER Name

P.D. Q Products

Phone: 432-9191

Subd:

Lot:

ELECTRIC CONTRACTOR Name

WECO Elect

Address:

Po Box 6124

Phone #

685-4333

License #

343378

PLUMBING CONTRACTOR Name

Address:

Phone #

License #

MECHANICAL CONTRACTOR Name

Address:

Phone #

License #

OCCUPANCY

Foundry

General Contractor

Owner

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect

License Class

License No

343378

Date 1-5-81

Cont Sig X

DECLARATION (EXEMPTIONS)

A. Owner-Builder

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code. Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).

(1) I, as owner of the property, or my employees with wages as their sole compensation will do the work, and the structure is not included or offered for sale (Sec. 70.14, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.

(2) I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 70.44, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

B. Other Applicants

(1) I am exempt under Sec.

B & P C for this reason

Date

Owner/Applicant

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3500, Lab. C.)

Policy No

Company

(1) Certified copy is hereby furnished

(2) Certified copy is filed with the county building inspection department or county department

Date 1-5-81

Applicant X

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California

Date Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

(1) I, hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name

Lender's Address

Branch

(2) I, hereby affirm that there is no construction lending agency for the performance of the work for which this permit is issued.

Receipt Number

FEES/DEPOSITS

Sq Feet

Plumbing \$

Sq Feet

Electrical \$

Sq Feet

Mech \$

BOND

Application \$

Plan Check \$

TOTAL \$

PLUMBING WORK TO BE DONE

1 GAS SYS

5 WATER HTR/VENT

2 SPRINKLER SYS

6 PLUMB FIXTRS

3 RESTORE SRVS

7 MISC

4 MOBILHOME

ELECTRICAL WORK TO BE DONE

1 BR CIR FEEDER

5 POWER POLE

2 FIXTURE

6 MOBILHOME

3 CHG SRVS

7 SRVS METER

4 RESTORE SRVS

8 SRVS SWITCH

AMPS

MISC

MECHANICAL WORK TO BE DONE

1 HEAT APP

4 GAS SYS

REGISTER

5 HOT WATER PANEL

2 COOLING APP

6 POOL HTR

3 HEAT/COOL APP

7 FIREPLACE

NOTES: UNDERGROUND SITE NOCC

REFUND TO:

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent

Date

Approved Building Dept.

By:

Date:

Parcel #
 52-05 R-02
 Building Permit #
 A 83573

BUILDING INSPECTION DEPARTMENT
 County of Contra Costa
 APPLICATION FOR PERMIT
 P O Box 749 • Martinez, CA 94553 • 372-2300

- PLUMB. (B)
- ELEC. (C)
- MECH. (D)

APPLICANT Name AMERICAN PLUMBING Co. Mailing Address: 110 RAILROAD AVE. Phone: 754-4990
 JOB LOCATION Street extension of Willow Rd. Cross St. off old Highway 4 Area: ANTIOCH
 OWNER Name PDR INDUSTRIES Phone 432-4191 Subd. — Lot —
 ELECTRIC CONTRACTOR Name — Address — Phone # — License # —
 PLUMBING CONTRACTOR Name AMERICAN PLUMBING Co. Address 110 RAILROAD AVE. Phone # 754-4990 License # 352170
 MECHANICAL CONTRACTOR Name — Address — Phone # — License # —
 OCCUPANCY NEW FOUNDRY General Contractor: PDR INDUSTRIES

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am Licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
 License Class B License No 352170
 Date 1/14/81 Cont. Sig. X

DECLARATION (EXEMPTIONS)
 A. Owner-Builder

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code. Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).
 (1) as owner of the property, or my employees with wages as their sole compensation will do the work, and the structure is not included or offered for sale (Sec. 70-14 Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale)
 (2) I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 70-44, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law)

B. Other Applicants

(1) I am exempt under Sec. B & P.C. for this reason
 Date — Owner/Applicant —

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3500, Lab. C.)
 Policy No. 305-10-48 Company FARMERS INSURANCE TRUCK INSURANCE EXCH.
 Certified copy is hereby furnished —
 Certified copy is filed with the county building inspection department or county department —
 Date 1/16/81 Applicant AMERICAN PLUMBING

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)
 I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California

Date — Applicant —
 NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I, hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)
 Lender's Name —
 Lender's Address —
 Branch —
 I, hereby affirm that there is no construction lending agency for the performance of the work for which this permit is issued.

		Receipt Number <u>184231</u>	
FEE/DEPOSITS	Sq. Feet	Plumbing \$	
	Sq. Feet	Electrical \$	
	Sq. Feet	Mech \$	
		Application \$	
		Plan Check \$	
		TOTAL \$	
PLUMBING WORK TO BE DONE	1 GAS SYS	<input type="checkbox"/>	5 WATER HTR/VENT <input type="checkbox"/>
	2 SPRINKLER SYS	<input type="checkbox"/>	6 PLUMB FIXTRS <input type="checkbox"/>
	3 RESTORE SRVS	<input type="checkbox"/>	7 MISC ROUGH-IN UNDERGROUND PLUMBING FOR FIXTURES <input type="checkbox"/>
	4 MOBILHOME	<input type="checkbox"/>	
ELECTRICAL WORK TO BE DONE	1 BR CIR/FEEDER	<input type="checkbox"/>	5 POWER POLE <input type="checkbox"/>
	2 FIXTURE	<input type="checkbox"/>	6 MOBILHOME <input type="checkbox"/>
	3 CHG SRVS	<input type="checkbox"/>	7 SRVS METER <input type="checkbox"/>
	4 RESTORE SRVS	<input type="checkbox"/>	8 SRVS SWITCH <input type="checkbox"/>
MECHANICAL WORK TO BE DONE	1 HEAT APP REGISTER	<input type="checkbox"/>	4 GAS SYS <input type="checkbox"/>
	2 COOLING APP	<input type="checkbox"/>	5 HOT WATER PANEL <input type="checkbox"/>
	3 HEAT/COOL APP	<input type="checkbox"/>	6 POOL HTR <input type="checkbox"/>
		<input type="checkbox"/>	7 FIREPLACE <input type="checkbox"/>

NOTES THIS PLUMBING PERMIT IS FOR THE NEW FOUNDRY - EAST BUILDING -

REFUND TO American Plumbing

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.
John Costa 1/16/81
 Signature of Applicant or Agent Date

Approved Building Dept.
 By Paul W Berg Date: 1-16-81

APPLICATION FOR PERMIT
This Application becomes the permit when approved by Bldg. Dept. and Number affixed.

Parcel # 52-052-002
Permit # _____
Date _____

- Building
 Grading
 Moving
 Other Specify _____
 Demolish

BUILDING INSPECTION DEPARTMENT
CONTRA COSTA COUNTY
P. O. Box 749
Martinez, CA. 94553
372-2300

JOB LOCATION Area <u>Antioch</u> Lbl _____ Sub <u>Dase</u> Street <u>W. Dixon Rd. (Ext)</u> Cross St. <u>SAKLEY</u>		OWNER Name <u>John & Julie</u> Address <u>284 Clark St</u> City <u>Antioch, Pittsburg</u> Tel # <u>432-6191</u>		CONTRACTOR Name <u>Owner</u> Address _____ City _____ License # _____ Tel # _____	
SOIL ENG Name _____ Address _____ City _____ License # _____ Tel # _____		ARCHTNG Name <u>Burt Chausea</u> Address <u>780 West Broadway</u> City <u>Oakland</u> License # <u>444 4144</u> Tel # _____		PARK DED. YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> SCHOOL DIST. _____	
EXISTING LOCATION (House Move) Street _____ Cross St _____ LENDER Name _____ Address _____ City _____		Dimensions Fir Area \$ _____ Access \$ _____ TOTAL \$ _____		Valuation Pl. Gr. \$ _____ P.D. Fee \$ _____ P. Fee \$ _____ Pub Bond \$ _____ Sch. Fee \$ _____ TOTAL \$ _____	
PLANNING DEPT Checked For Encroachment Ordinance Compliance PUBLIC WORKS DEPARTMENT		Estimated Costs CU Yds. Gravel \$ _____ CU Yds. of Fill \$ _____		Use of graded site Yards moved _____ Completion Date _____	
PLAN DEPT Min. Setback <u>10</u> Lm. Use Dist. <u>H-I</u> Seismic Zone _____ Min. Side Yard _____ LUP _____ Area _____ Rear Yard _____ Type Const: New <input checked="" type="checkbox"/> Add _____ Alt _____ No. Stories _____ Flood Hazard Prong Yes _____ No _____		Filing Fee _____ Permit \$ _____ Total \$ _____		Expiration Date _____ Authority _____ BUILDING PERMITS (120 DAYS) _____ GRADING PERMIT (180 DAYS) _____ MOVING PERMIT (30 DAYS) _____ MOBILE HOME (8 MONTHS) _____ UNLESS EXTENSION AUTHORIZED BY WRITING BY THE DEPARTMENT	
Plan Check # <u>0-6180</u> Reviewed by <u>RMG</u> Date <u>8-27-80</u> Date Rec'd <u>5-6-80</u> Eng <u>John Dase</u> Elec _____ Mech _____ Box No. _____ No. of Plans _____ Occupancy _____ Type Const _____ Class _____ Fire Zone _____		I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all Code of Ordinances and State Laws regarding Building.		Owner/Applicant _____ Date _____	
I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all Code of Ordinances and State Laws regarding Building.		APPROVED: _____ Planning Department _____ Date <u>2-28-80</u>		By _____ E. W. Davis, Dir. Building Inspection	

3 BOUNDING - 100' x 200' front
 For Plan Check Fee: 400.00
 For Plan Check Fee: 1700.00
 PROVIDE ELECTRICAL CALCULATION & PLAN
 FOR APPROVAL BEFORE ISSUANCE OF PERMIT
 PROVIDE LETTER FROM PG&E TO CLARIFY IT. Val.

See # 83573

Bldg A 1st floor on West

Parcel Number 052-052-001	Owner's Name L. Sulphur	Location Catawba
Permit Number 83573	General Contractor Oliver + Komen	Subdivision
Date Received 9-2-80	Occupancy Industrial Bldg	Street Willow Road Oakley Road
Zoning and Building Clearance F S S R	Land Use Dist. H-I	Cross Street
Permitting Contractor American Dbg 509	Electrical Contractor	Fee
General Pkg. No. 184231	Rough Wiring	Fee
Temp. Gas-Service FINAL	Temp. Service	FINAL
Invoice No. 020102	Invoice No.	Invoice Amount
Warrant No.	Warrant No.	Warrant No.
Minority	Provide elect calculations + plans for approval before advances	Final Building DATE 1-13-81
Fireplace	05 permits Provide letter soon pgs to verify I.C. return	FINAL
Water Pressure	12-22-80 footing EIT. PERMITS WORKS & WAREHOUSE	Invoice No.
Survey	12/22/80 For reconnection - Electronic Service Only	Warrant No.
	SLAB APPL ON CONDITION BLUE GROUNDING REPAIRS SKT. 10/27/80	Invoice Amount
	1-13-81 for new 470- SUBSTITUTION OF BULKHEAD HOLD THAT TAKE FINAL BY DESIGNER	Warrant No.
	1-14-81 to make permit work of above only R. 100	Invoice No.
	1-19-81 permit plan	Warrant No.
	2-17-81 let up panels 7 thru 12, 15, 17 thru 21 BEMA	Invoice Amount
	3-12-81 fill up panels see permit plans in field BEMA	Warrant No.
	3-31-81 let up panels in note - REVISED PLANS & ENCL. RECID SEE NOTE BEMA	Invoice Amount
	4-8-81 tilt up panel completed BEMA	Warrant No.
	5-18-81 roof inail 5 ACH 21 MG BEMA	Invoice Amount
	5-11-81 rework cont. welding report	Warrant No.
	5-27-81 Closure slabs OK QUIT	Invoice Amount
	6-2-81	Warrant No.
	6-13-81	Invoice Amount

10-15-80 no inspection credit granted
 permit is cleared. DATED
 12-22-80 R. In inspect grading
 permit issued SWP
 5-17-81. Filling slab.

Parcel #

52-052-002

Building Permit #

Misc

BUILDING INSPECTION DEPARTMENT

County of Contra Costa

APPLICATION FOR PERMIT

P.O. Box 749 • Martinez CA 94553 • 372-2300

ACCOUNT NUMBERS:

(2)(0)(0)(1)(0)(0)(0)(0) PLMB
() () () () () () () () ELEC
() () () () () () () () MECH

APPLICANT

Name: Sulario

Mailing Address: 554 Clark Ave Pittsburg

Phone: 432-6191

JOB LOCATION

Street: END OF Wilson Rd

Cross St

Area: Antioch

OWNER

Name: P.D.Q. Products

Phone

Suited

Lot:

ELECTRIC CONTRACTOR

Name: Address

Phone #
License #

PLUMBING CONTRACTOR

Name: Address

Phone #
License #

MECHANICAL CONTRACTOR

Name: Address

Phone #
License #

OCCUPANCY

General Contractor

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am Licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect

License Class

License No

Date

Cont Sig

DECLARATION (EXEMPTIONS)

A. Owner-Builder

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code. Any city or county which requires a permit to construct, alter, improve, demolish or repair any structure prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9, commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).

I, as owner of the property, or my employees with wages as their sole compensation will do the work, and the structure is not included or offered for sale (Sec. 70.14 Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 70.44 Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

B. Other Applicants

I am exempt under Sec. B & P.C. for the reason

Date: 7-14-91

Owner/Applicant: Sulario

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3500, Lab. C.)

Policy No. Company

Certified copy is hereby furnished.

Certified copy is filed with the county building inspection department or county department

Date: 7-14-91

Applicant: Sulario

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date: Applicant:

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I, hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name

Lender's Address

Branch

I hereby affirm that there is no construction lending agency for the performance of the work for which this permit is issued.

048 REV 91

Table with columns: Receipt Number (188935), Fee Deposits (Plumbing \$20, Electrical \$, Mech \$, Application \$, Plan Check \$, TOTAL \$20), Plumbing Work to be Done (Gas Sys, Sprinkler Sys, Restore Svcs, Mobile Home, Water Htr/Vent, Plumbg Fixtrs, Misc), Electrical Work to be Done (Br Cir Feeder, Fixture, Chg Svcs, Restore Svcs, Power Pole, Mobile Home, Svcs Meter, Svcs Switch), Mechanical Work to be Done (Heat App Register, Cooling App, Heat/Cool App, Gas Sys, Hot Water Panel, Pool Htr, Fireplace).

NOTES:

REFUND TO:

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this county to erect upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent: Sulario Date: 7-14-91

Approved Building Dept.

Signature of Building Dept. Date: 7-14-91

PERMIT NO. 05A 058 002

ADDRESS end of Willow Road

LOCATION Antioch

CROSS STREET

OWNER P. Q. Products

ELECTRIC

PLUMBING Owner

HEATING

DATE REC. NO.

DATE REC. NO. 7-14-81 18935

DATE

REC. NO.

More gas line

MISC. PERMIT FINAL OK

MISC. PERMIT FINAL OK

MISC. PERMIT FINAL OK

7-15-81 gas line 60' air test ok.
 7-16-81 subview not fine to 1100' manhole (5' pressure at regulator, 1/2" @ per cap). 7-21-81 changed gas off
 7-21-81 signal off. installed an aluminum negative
 7-21-81 21 gas line to west end. 7-21-81 replace extra valve
 who change pipe under foundation of driveway drive
 8-11-81 8-11-81 1300' signal off. (over)

1-19-83 DUE TO MY LACK OF EMPLOYMENT
THIS BUSINESS (OWNED BY FATHER) TO CONTINUE
CONSTRUCTION - SUGGEST CHOOSING OUT PERMIT OF L.P.

Parcel # 52-052-02
 Building Permit # misc

BUILDING INSPECTION DEPARTMENT
 County of Contra Costa
APPLICATION FOR PERMIT

ACCOUNT NUMBERS:
 () () () () () () () () () () PLMB
 () () () () () () () () () () ELEC
 () () () () () () () () () () MECH

P.O. Box 749 • Martinez, CA 94553 • 372-2300

3-7-85 3888

APPLICANT Name Suprizis Mailing Address 554 JACK AVE Phone 432-6191
 JOB LOCATION Street end of Willow Rd Cross St _____
 OWNER Name P.B. & Products Phone _____ Area Antioch
 ELECTRIC CONTRACTOR Name Waco Electric Address _____ Phone # _____ License # _____
 PLUMBING CONTRACTOR Name _____ Address _____ Phone # _____ License # _____
 MECHANICAL CONTRACTOR Name _____ Address _____ Phone # _____ License # _____
 OCCUPANCY Commercial General Contractor _____

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am Licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class _____ Date _____ Cont. Sig _____ License No _____

DECLARATION (EXEMPTIONS)

A. Owner-Builder

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code): Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).

I, as owner of the property, or my employees with wages as their sole compensation will do the work, and the structure is not included or offered for sale (Sec. 70-14, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.

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B. Other Applicants

I am exempt under Sec. 70-44, B & P C for this reason _____
 Date _____ Owner/Applicant _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3500, Lab. C.)

Policy No _____ Company _____
 Certified copy is hereby furnished
 Certified copy is filed with the county building inspection department or county department
 Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Code of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I, hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____
 Lender's Address _____
 Branch _____

I, hereby affirm that there is no construction lending agency for the performance of the work for which this permit is issued.

Receipt Number <u>188798</u>	
FEE/DEPOSITS	Sq Feet Plumbing \$ _____
	Sq Feet Electrical \$ <u>25.00</u>
	Sq Feet Mech \$ _____
	Application \$ _____
	Plan Check \$ _____
TOTAL \$ <u>25.00</u>	
PLUMBING WORK TO BE DONE	1 GAS SYS <input type="checkbox"/> 5 WATER HTA VENT <input type="checkbox"/>
	2 SPRINKLER SYS <input type="checkbox"/> 6 PLUMBING FIXTRS <input type="checkbox"/>
	3 RESTORE SRVS <input type="checkbox"/> 7 MISC <input type="checkbox"/>
	4 MOBILE HOME <input type="checkbox"/>
ELECTRICAL WORK TO BE DONE	1 BR CIR/FEEDER <input type="checkbox"/> 5 POWER PDLE <input type="checkbox"/>
	2 FIXTURE <input type="checkbox"/> 6 MOBILE HOME <input type="checkbox"/>
	3 CHG SRVS <input checked="" type="checkbox"/> 7 SRVS METER <input type="checkbox"/>
	4 RESTORE SRVS <input type="checkbox"/> 8 SRVS SWITCH <input type="checkbox"/>
AMPS _____	
MECHANICAL WORK TO BE DONE	1 HEAT APP REGISTER <input type="checkbox"/> 4 GAS SYS <input type="checkbox"/>
	2 COOLING APP <input type="checkbox"/> 5. HOT WATER PANEL <input type="checkbox"/>
	3 HEAT/COOL APP <input type="checkbox"/> 6 POOL HTR <input type="checkbox"/>
7 FIREPLACE <input type="checkbox"/>	

NOTES

REFUND TO:

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent _____ Date _____

Approved Building Dept.

By msale Date 7-7-85

2-1103

Contra
Costa
County



SULPRIZIO, L.
554 CLARK AV
PITTSBURG, CA

BUILDING INSPECTION DEPARTMENT
COUNTY ADMINISTRATION BUILDING
851 PINE STREET, THIRD FLOOR, NORTH WING
MARTINEZ, CALIFORNIA 94553
TELEPHONE (415) 372-2300
MAILING ADDRESS: P.O. BOX 749 • MARTINEZ, CA. 94553

PERMIT NO.
006488

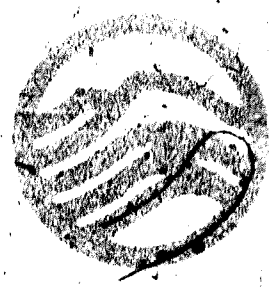
PERMIT INVOICE

94565

BUILDING PMT. NO. A 8798M
PARCEL NO. 0052052002
OWNER P.D.Q. PRODUCTS
LOCATION WILLOW RD, ANTIOCH

3509625.0 5 20 82

DESCRIPTION	AMOUNT	TOTAL	REMAINING
ELECTRICAL RILING FEE	1.00	6.00	6.00
ELECTRICAL METERS	1.00	1.00	1.00
ELECTRICAL CHANGE OF SERVICE	1.00	2.00	2.00
ELECTRICAL SVC EQUIP. EA 100 AMP	2.00	1.00	2.00



TOTAL PLUMBING	TOTAL ELECTRICAL	TOTAL HEAT/VENT.	TOTAL PERMIT	AMOUNT DEPOSIT	AMOUNT
.00	11.00	.00	11.00	25.00	14.00

SYSTEM DESIGN BY
COMPUTER SERVICES ASSOCIATES

INTERNAL USE ONLY
003033 006488

70
PERMIT
FINALS
2-11-83

P-177

PARCEL NO. 052-052-02

~~352-052-02~~

ADDRESS end of Willow Road

LOCATION Antioch

CROSS STREET

OWNER

P. D. Products

ELECTRIC Waco Electric

PLUMBING

HEATING

DATE 2-8-81 REC. NO. 188798

REC. NO.

DATE REC. NO.

Change of Service (8798M)

3509625

MISC. PERMIT **MB** IN **Antioch** DATE 2-19-81

MISC. PERMIT FINAL O.K.

MISC. PERMIT FINAL O.K.

2-17-82 ✓ CU

WORKMAN DID NOT KNOW OF SERV. CHANGE -

COULD NOT SEE NEW SERVICE TABS

3-19-85

CHANGED OWNER - SAID COMPLETED & SERVICE CHANGED - ALSO SAID WAS INSPECTED & APPROVED

**BUILDING INSPECTION DEPARTMENT
GRADING DIVISION**

Issued..... 10/17/80

Parcel..... 52-052-02-4

Engr.. W.B. Clausen (DeBolt) Oakland

Soil Engr... Don Hillebrandt Assoc. S.F.

Note: No building permits until cleared by grading.

1-15-82 Site ✓ for final grading Bldgs. and Hillebrandt's finalized. Area around Bldgs. need clear up. Need final soil report on work, done. 19.	he back next Mon. Call 754-3883. Talked to Sid Hunter - Chief engineer in Costing business. 19.
1-18-82 Tried to contact owner.	11-3-82 Talked to Mr. Sulprizio who is working on improving drainage. He says that do not have concrete under them should be piped away from the bldg. The rest of Bldg. A needs to be graded away from foundation. It was done today. There has been a case fall poured behind Bldg. B that the East side needs grading away from bldg. Asked Mr. Sulprizio to advise us on request, attention of permit. 19.
1-19-82 Mr. Sulprizio phone. Told him what he need for final grading & drainage. The plans to conc. area around Bldgs. Will meet with him 1-26-82. 19.	19.
1-26-82 Site - meet Mr. Sulprizio. He will take care of grading as soon as weather permitted. 19.	19.
6-9-82 Two bldgs not occupied only used for storage. The do not want have box out on block but use piping to catch. 19.	19.
11-12-82 Site - meet Mr. Sulprizio. He is out of town. Will	11-12-82 Site - meet Mr. Sulprizio. He is out of town. Will

OWNER: Lucilio Sulprizio
558 Clark Ave. Pittsburg

CONTRACTOR: Jack Rowinski 10 Oliver & Comb

LOCATION: Anloch Extension Willow Road/
Oakley Road

6475



Don Hillebrandt Associates Geotechnical Consultants

604 Mission St. Suite 901 • San Francisco, CA 94105 • Phone (415) 543-5943

May 2, 1980
Project 493-5

Mr. Chal Sulbrizio
554 Clark Avenue
Pittsburg, CA 94565

4475

RE: Foundation Investigation
Proposed Warehouses
Antioch, California

Dear Mr. Sulbrizio:

In accordance with your request, we have performed a foundation investigation for the four proposed warehouses to be constructed east of Willow Avenue and south of the Southern Pacific Railroad tracks in Antioch, California, as shown on the attached Site Plan, Figure 1.

PROPOSED CONSTRUCTION

It is our understanding that two warehouses, Buildings A and B, will be constructed at this time and two warehouses will be constructed at a later date (See Figure 1). It is also our understanding that the proposed buildings will consist of one-story, tilt-up structures with slab-on-grade floors. Building loads for the structures are expected to be typical for the proposed type of construction (maximum floor loading approximately 200 pounds per square foot) with slightly heavier loads in one of the buildings which may contain a large furnace.

Since the property slopes upward to the south, earthwork operations at the site will consist of excavations into the hillside with a short section of retaining wall required at the southwest corner of Building A. Grading for the proposed building pads will consist of reworking existing fill materials and placement of new fill in the northern portion of the site. Building A will have a finished floor at Elevation 76 feet (Contra Costa County Datum) and Building B will have a finished floor at Elevation 73½ feet; the two future buildings will probably also have a finished floor at Elevation 73½ feet.

SCOPE

The scope of our work, which was outlined in our letter dated March 6, 1980, included a detailed site reconnaissance by our project engineer, subsurface exploration and laboratory testing, engineering analyses of the field and laboratory data, and the preparation of this report which includes soil and foundation engineering recommendations for the proposed buildings.

SITE INVESTIGATION

A detailed site reconnaissance and our subsurface exploration were performed by our project engineer on March 13, 1980. Eight exploratory borings were drilled with a truck-mounted continuous flight auger rig to a maximum depth of 19½ feet at the approximate locations shown on the Site Plan. Logs of our borings and details regarding our field and laboratory investigations are included in Appendix A.

A. SITE FEATURES

The site, which is somewhat trapezoidal in shape, has overall plan dimensions of roughly 880, 390, 940 and 380 feet. The site is bounded on the north by tracks of the Southern Pacific Railroad and on all other sides by undeveloped land. The site is presently occupied by an existing one-story, metal-frame warehouse, adjacent concrete slabs and a water tank on top of a structural steel tower.

The topography of the site, which generally slopes upward to the south, has been altered to a large extent by grading for past uses. The northerly half of the site and a large portion of the center, which extends to the south of the existing building, have been leveled into several benched-out storage areas. South of these areas, the site slopes upward at inclinations varying from 8:1 (horizontal to vertical) to 2.5:1 at the southeast corner of the property. The terrain falls off steeply beyond the northerly property line to the level of the railroad tracks.

At the time of our field investigation, surface vegetation consisted of a moderate to heavy growth of weeds with scattered brush. There was also extensive debris on the northerly half of the site.

B. SUBSURFACE CONDITIONS

Geologic maps of the area indicate that the site is underlain by poorly consolidated sandstone and shale of the Wolfskill Formation.

Exploratory Borings 1, 2 and 3, which were drilled near the rear of the proposed buildings, encountered 7 to 9 feet of firm to stiff clayey silt (Boring 1 also encountered 1½ feet of soft sandy clay with gravel, rock fragments and roots at the surface), underlain by hard sandy silt. This sandy silt, which appeared to be highly weathered silty sandstone, extended to the bottom of Boring 2 (13½ feet) but transitioned to similar soil without a rock-like structure in Borings 1 and 3 at depths of 17 and 12 feet, respectively. This sandy silt material in Borings 1 and 3 extended to the bottom of the holes (19½ and 18½ feet, respectively).

Exploratory Boring 4, which was drilled near the center of Building B and the two future warehouses, and Exploratory Borings 5 through 8, which were drilled near the front of the proposed buildings, encountered 2½ to 5½ feet of fill. This fill, which apparently was placed during the original development of the property, generally consisted of soft to firm sandy and clayey silt and loose to medium dense clayey and silty sand, all with minor amounts of gravel, rock

and wood fragments. The fill was underlain by soft to hard clayey and sandy silt with some stiff silty clay in Boring 4; these soils extended to the depths explored (13½ to 14½ feet). It should be noted that although these soils became harder with depth, the materials generally did not have a rock-like structure.

Free groundwater was not observed in our borings at the time of drilling and probably exists at depths somewhat greater than those explored. However, since the site is located in sloping terrain, it is our opinion that seepages could occur in the excavations planned at the site and behind permanent retaining walls, particularly after prolonged rains during relatively wet seasons.

Detailed descriptions of the soils encountered in our exploratory borings are presented on the logs of borings in Appendix A. These boring logs and related information depict subsurface conditions only at the specific locations shown on the Site Plan and on the date designated on the logs. Subsurface conditions at other locations will differ somewhat from the conditions occurring at the locations of our borings.

SEISMICITY

As with the rest of the San Francisco Bay Area, the site is considered to be in one of the most seismically active regions of the United States. The nearest active faults are the northwest-trending Antioch, Concord and Calaveras Faults which are located approximately 2, 13 and 18 miles southwest of the site, respectively.

Although research on earthquake prediction has greatly increased in recent years, seismologists have not yet reached the point where they can accurately predict when and where an earthquake will occur. Nevertheless, on the basis of current technology, it is reasonable to assume that the proposed structures will be subjected to at least one moderate to severe earthquake. During such an earthquake, the danger from fault offset through the site is remote, but strong shaking of the site is likely to occur.

CONCLUSIONS AND RECOMMENDATIONS

Based on our field and office studies, it is our opinion that from a soil and foundation engineering standpoint, the site is suitable for the proposed construction, provided that the recommendations presented in this report are incorporated into the design and construction of the proposed buildings.

The most important soil and foundation engineering considerations in the design and construction of spread footing foundations and slabs-on-grade for the proposed warehouse structures are (1) the presence of loose fills throughout the northerly portions of the site and (2) the presence of soft natural soils near the existing ground surface (where no fills exists) or just below the fill (where fill exists). After the proposed excavations are performed at the site, the loose fills and/or soft natural soils will be present under the northern

portion of Building A and under the central and northern portions of Building B, and the future buildings. To prevent detrimental settlement to the portions of the buildings in these areas, the existing loose fill and/or soft natural soils (under the northern portion of Building A and under the central and northern portions of Building B and the future buildings) will have to be excavated and recompacted as necessary to provide at least 3 feet of compacted fill below the bearing level of the footings and 1 foot of compacted fill below the slabs-on-grade. The lateral extent of the areas requiring working will be determined in the field by our representative at the time of construction.

Detailed soil and foundation engineering recommendations are presented in the subsequent sections of this report. All conclusions and recommendations presented in this report are contingent upon Don Hillebrandt Associates being retained to (1) review the soil engineering aspects of the final grading and foundations plans prior to construction, (2) observe and test the earthwork operations at the site and (3) observe the subgrade conditions in the footings excavations for the buildings.

A. SITE PREPARATION, EARTHWORK OPERATIONS AND SURFACE DRAINAGE

The area of the proposed improvements should be cleared of all obstructions, including existing slabs, pavements, foundations, underground utilities and surface debris. In addition, the site should be stripped of surface vegetation and weeds. These materials should be removed from the site.

After the site has been cleared and stripped, the proposed excavations can be made and our office should inspect the exposed subgrade to define the areas where reworking of materials is required under footings and slabs. In areas requiring reworking, the existing loose fill materials and soft natural soils should be excavated and recompacted as necessary to provide a minimum of 3 feet of compacted fill below the bearing level of the footings and a minimum of 1 foot of compacted fill below slabs-on-grade. The bottom of the excavation should extend at least 3 feet beyond the limits of the proposed footings. The exposed subgrade at the bottom of the required excavations should be inspected by a representative of our firm. Any detrimental materials exposed at the subgrade level (such as soils containing rubble or appreciable organics) should be removed to the depths specified by our field representative and replaced with fill compacted to the requirements given below.

The exposed subgrade at the bottom of the excavated soils (in areas requiring reworking) and the exposed subgrade under slabs-on-grade (in areas not requiring reworking) should be scarified to a depth of at least 6 inches, moisture-conditioned and compacted to the requirements given below.

All on-site soils below the stripped layer with an organic content of less than 3 percent by volume are suitable for use as fill and backfill materials. Any imported fill used at the site should be a non-expansive soil with a plasticity index of 12 or less. On-site and imported fill materials placed at the site should not contain rocks or lumps larger than 6 inches in greatest dimension with not more than 15 percent larger than 2.5 inches.

All structural fill placed at the site should be compacted to at least 90 percent relative compaction by mechanical means only as determined by ASTM Test Designation D1557-70. The upper 6 inches of subgrade soil within pavement and slab areas should, however, be compacted to at least 95 percent relative compaction. Fill materials should be spread and compacted in lifts not exceeding 8 inches in uncompacted thickness.

We recommend that cut slopes at the site have a maximum inclination of 2:1 in soil and 1½:1 in rock. We recommend that all fill slopes have a maximum inclination of 2:1. At these inclinations, the cut and fill slopes will probably be subjected to some minor erosion and/or sloughing, thus requiring periodic maintenance of the slopes. We recommend that exposed slopes be planted to minimize erosion.

Positive surface drainage should be provided adjacent to the structures to direct surface water away from the foundations of the buildings to suitable discharge facilities. Rainwater collected on the roofs of the buildings should be transported through gutters and downspouts to suitable discharge facilities.

B. FOUNDATIONS

We recommend that the proposed structures be supported on conventional continuous and isolated spread footings that bear on the natural stiff silty or clayey soils that underlie the site or in structural fill compacted to the requirements given above. All footings should extend at least 18 inches below the lowest adjacent finished grade or to the depths of any adjacent footings, whichever is deeper. In addition, footings located adjacent to utility trenches and other footings should have their bearing surfaces below an imaginary 1½:1 (horizontal to vertical) plane projected upward from the edge of the bottom of the adjacent trench and/or footing.

At the above depths, the footings may be designed for an allowable bearing pressure of 2000 pounds per square foot due to dead plus live loads with a one-third increase for all loads including wind or seismic. These allowable bearing pressures are net values; therefore, the weight of the footings can be neglected for design purposes. However, all footings should have a minimum width of 18 inches. In addition, we recommend that all continuous footings be tied together with reinforcing steel and that the bottoms of all footing excavations be thoroughly wetted and compacted with hand-operated vibratory equipment prior to placing steel and concrete.

Settlements and differential settlements of the proposed buildings are expected to be within tolerable limits for the anticipated loads of the structures. If the recommendations contained in this report are followed, we estimate that post-construction differential settlements across the buildings will generally be less than 1 inch in a horizontal distance of 50 feet.

C. SLABS-ON-GRADE

In areas where stiff natural soils are exposed at the subgrade level, slabs-on-grade can be supported directly on the prepared subgrade materials. Where loose fill and/or soft natural soils are exposed at the subgrade level, these materials should be overexcavated and recompactd as necessary to provide a minimum of 1 foot of compacted fill below the slabs-on-grade. Subgrade preparation and the compaction of materials under slabs should be accomplished in accordance with the recommendations presented above under Item A, "Site Preparation, Earthwork Operations and Surface Drainage". Prior to final construction of the slabs, the subgrade surface should be proof-rolled to provide a smooth, firm surface for slab support. In addition, slab reinforcing should be provided in accordance with the anticipated use and loading of the slabs.

In any area where minor floor wetness would be undesirable, 4 inches of free-draining gravel should be placed beneath the floor slab to serve as a capillary barrier between the subgrade material and the slab. An impermeable membrane should be placed over the gravel and the membrane should be covered with 2 inches of sand to protect it during construction.

D. RETAINING WALLS

We recommend that unrestrained walls with a level surface or with a sloping surface flatter than 4:1 be designed to resist an equivalent fluid pressure of 30 pounds per cubic foot. Where the sloping surface is at an inclination of 1½:1, unrestrained walls should be designed to resist an equivalent fluid pressure of 60 pounds per cubic foot. For walls with a sloping surface at an inclination between 4:1 and 1½:1, a straight line interpretation between the 30 and 60 pounds per cubic foot may be used. If the designer determines that there are surcharge loads on the walls, the walls should be designed to resist an additional uniform pressure equivalent to one-third of the maximum anticipated surcharge load applied at the surface behind the walls.

The above pressures assume that sufficient drainage will be provided behind the walls to prevent the build-up of hydrostatic pressures from surface and subsurface water infiltration. Adequate drainage may be provided by a subdrain system consisting of either weep holes spaced at a maximum of six-foot centers or four-inch diameter perforated pipes bedded in permeable material (well-graded mixture of sand and gravel approved by our office). For both systems, the permeable material placed behind the wall should be at least 1 foot in width and extend to within 2 feet of finished grade. The upper 2 feet of backfill should consist of on-site compacted, impervious soils. Weep holes should drain to suitable inlets and subdrain pipes should be connected to a system of closed pipes that lead to suitable discharge facilities. Any building retaining walls should be appropriately moisture-proofed.

Lined surface ditches should be provided behind any walls that will have an exposed sloping surface draining toward them. These ditches, which will collect runoff water from the slopes, should be sloped to drain to suitable discharge facilities. The top of the walls should extend at least 1 foot above the ditch. All structural backfill placed behind the walls should be compacted to at least 90 percent relative compaction as determined by ASTM Test Designation D1557-70.

The walls can be supported on spread footing foundations designed in accordance with the recommendations presented previously under Item B, "Foundations". Lateral load resistance for the walls can be developed in accordance with the recommendations presented immediately below under Item E, "Lateral Load Resistance".

E. LATERAL LOAD RESISTANCE

Lateral loads may be resisted by (1) friction between the foundation bottoms and the supporting subgrade materials, and (2) passive pressures acting against the sides of the footings. We recommend a coefficient of friction of 0.3 and a passive pressure equal to an equivalent fluid weighing 300 pounds per cubic foot starting at the top of the adjacent finished grade.

We recommend that the factor of safety against sliding for retaining walls be at least 1.5.

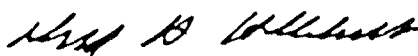
LIMITATIONS

Our services consist of professional opinions, conclusions and recommendations made in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied.

If you have any questions regarding this report, please call us. We would appreciate at least 48 hours notice for our required observations during construction.

Very truly yours,

DON HILLEBRAND ASSOCIATES



Donald H. Hillebrandt
C.E. 16338

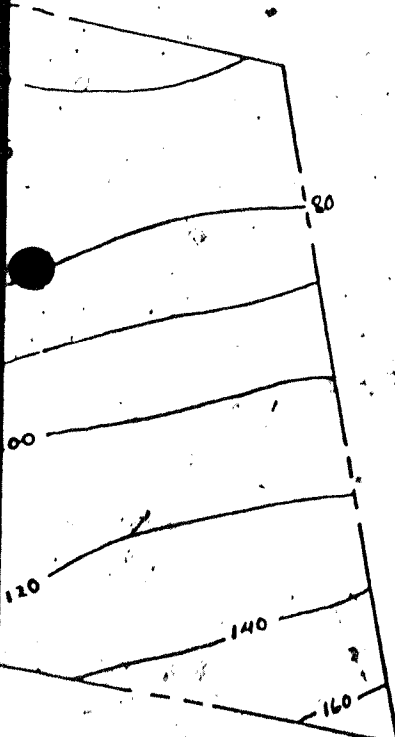
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Enclosures:


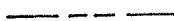




Figure 1 - Site Plan
Appendix A - Field and Laboratory Investigations
Figure A-1 - Key to Exploratory Boring Logs
Exploratory Boring Logs 1 through 8

Copies:


Addresses (2)
W.B. Clausen, Structural Engineer (2)

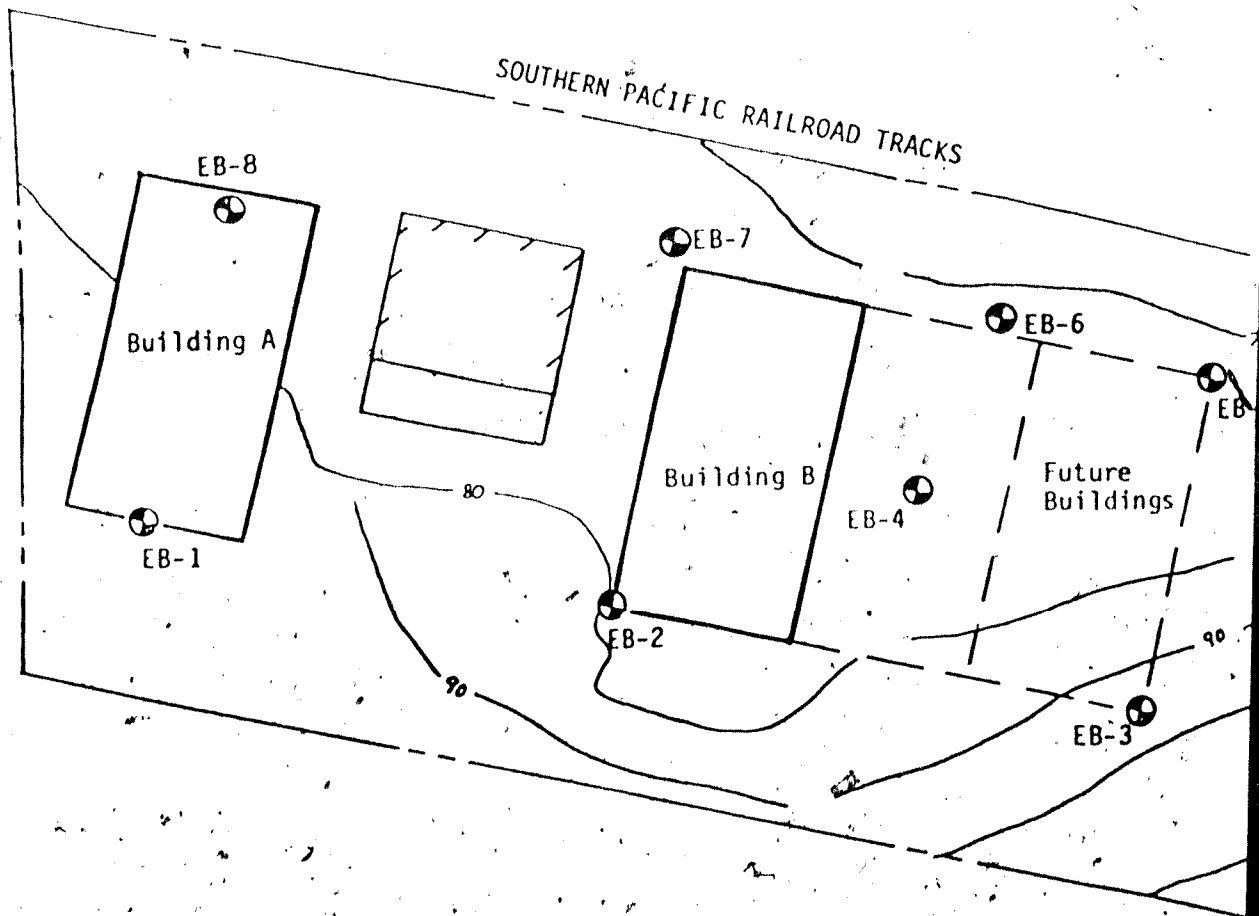


LEGEND

-  EB-1 Number and Approximate Location of Exploratory Boring
-  Property Line
-  Approximate Limits of Proposed Warehouses
-  Approximate Limits of Future Warehouses
-  Approximate Limits of Existing Structures
-  Elevation in Feet (Contra Costa County Datum)



 Don Hillebrandt Associates Geotechnical Consultants	SITE PLAN	
	Proposed Warehouses-East of Millon Avenue Antioch, California	
	PROJECT NO.	DATE
	197-5	MAY 1981



BASE: Boundary and Topographic Survey dated February, 1980 and
prepared by [unreadable] Civil Engineering

APPENDIX A - FIELD AND LABORATORY INVESTIGATIONS

FIELD INVESTIGATION

Our field investigation consisted of a detailed site reconnaissance and subsurface exploration performed by our project engineer on March 13, 1980. Eight exploratory borings were drilled with a truck-mounted continuous flight auger rig. Our borings were drilled to a maximum depth of 19½ feet at the locations shown on the Site Plan, Figure 1.

The materials encountered in the borings were continuously logged in the field by our engineer. Logs of the borings, as well as a key for the classification of the soils encountered in the borings (Figure A-1) are included as part of this appendix.

Representative disturbed and undisturbed soil samples were obtained from the exploratory borings at selected depths appropriate to the soil investigation. The disturbed samples were obtained using a 2-inch O.D. split spoon sampler or were taken directly from the auger cuttings. The undisturbed samples were obtained with the Modified California Sampler. The type of sample shown on the logs is designated as follows:



Split Spoon Sample



Modified California Sample



Sample from Auger Cuttings

The standard penetration resistance blow counts were obtained with the split spoon sampler by dropping a 140-pound hammer through a 30-inch free fall. This hammer was also used to obtain samples with the Modified California Sampler. The samplers were driven 18 inches or a shorter distance where hard resistance was encountered, and the number of blows were recorded for each 6 inches of penetration. The blows per foot recorded on the boring logs represent the accumulated number of blows that were required to drive the sampler the last 12 inches or the number of inches indicated at locations where the sampler did not penetrate the full 18 inches.

Ground surface elevations at the locations of the borings were taken from a survey prepared by DeBolt Civil Engineering (dated February 1980). Datum for the elevations is Contra Costa County Datum.

The boring logs show our interpretation of the subsurface conditions on the date and at the locations indicated and it is not warranted that they are representative of the subsurface conditions at other locations and times. Also, the stratification lines represent the approximate boundaries between material types; actual transitions are gradual.

LABORATORY INVESTIGATION

The laboratory testing program was directed toward a quantitative and qualitative evaluation of the physical and mechanical properties of the materials underlying the site.

The natural water content was determined on 29 samples of the materials recovered from the borings; these water contents are recorded on the boring logs at the appropriate sample depths.

Dry density determinations were made on 5 samples of the materials recovered from the borings; the results of these tests are presented on the logs of borings at the appropriate sample depths.

Unconfined compression tests were performed on 5 undisturbed samples of the subsurface materials encountered in our borings to evaluate the undrained shear strengths of these materials. The unconfined tests were performed on samples having a height-to-diameter ratio of 2. Failure was taken at the peak normal stress. The results of these tests are presented on the logs of borings at the appropriate sample depths and designated (UC).

PRIMARY DIVISIONS			GROUP SYMBOL	SECONDARY DIVISIONS
COARSE GRAINED SOILS MORE THAN HALF OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVELS MORE THAN HALF OF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS (LESS THAN 5% FINES)	GW	Well graded gravels, gravel-sand mixtures, little or no fines.
			GP	Poorly graded gravels or gravel-sand mixtures, little or no fines.
		GRAVEL WITH FINES	GM	Silty gravels, gravel-sand-silt mixtures, non-plastic fines.
			GC	Clayey gravels, gravel-sand-clay mixtures, plastic fines.
	SANDS MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS (LESS THAN 5% FINES)	SW	Well graded sands, gravelly sands, little or no fines.
			SP	Poorly graded sands or gravelly sands, little or no fines.
		SANDS WITH FINES	SM	Silty sands, sand-silt mixtures, non-plastic fines.
			SC	Clayey sands, sand-clay mixtures, plastic fines.
FINE GRAINED SOILS MORE THAN HALF OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT IS LESS THAN 50%	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.	
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.	
		OL	Organic silts and organic silty clays of low plasticity.	
	SILTS AND CLAYS LIQUID LIMIT IS GREATER THAN 50%	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.	
		CH	Inorganic clays of high plasticity, fat clays.	
		OH	Organic clays of medium to high plasticity, organic silts.	
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils

DEFINITION OF TERMS

SILTS AND CLAYS	U.S. STANDARD SERIES SIEVE			CLEAR SQUARE SIEVE OPENINGS			COBBLES	BOULDERS
	200	40	10	4	3/4"	3"		
	SAND			GRAVEL				
	FINE	MEDIUM	COARSE	FINE	COARSE			

GRAIN SIZES

SANDS AND GRAVELS	BLOWS/FOOT ¹
VERY LOOSE	0 - 4
LOOSE	4 - 10
MEDIUM DENSE	10 - 30
DENSE	30 - 50
VERY DENSE	OVER 50

SILTS AND CLAYS	STRENGTH ²	BLOWS/FOOT ¹
VERY SOFT	0 - 1/4	0 - 2
SOFT	1/4 - 1/2	2 - 4
FIRM	1/2 - 1	4 - 8
STIFF	1 - 2	8 - 16
VERY STIFF	2 - 4	16 - 32
HARD	OVER 4	OVER 32

RELATIVE DENSITY

CONSISTENCY

¹Number of blows of 140 pound hammer falling 30 inches to drive a 2 inch O.D. (1-3/8 inch I.D.) split spoon (ASTM D-1586).

²Unconfined compressive strength in tons/sq. ft. as determined by laboratory testing or approximated by the standard penetration test (ASTM D-1586), pocket penetrometer, torvane, or visual observation.



**Don Hillebrandt Associates
Geotechnical Consultants**

**KEY TO EXPLORATORY BORING LOGS
Unified Soil Classification System (ASTM D-2487)**

**Proposed Warehouses - East of Willow Ave.
Antioch, California**

PROJECT NO

DATE

Figure A-1


493-5

MAY 1980

DRILL RIG	Continuous Flight Auger	SURFACE ELEVATION	87 Feet	LOGGED BY	RLS
DEPTH TO GROUNDWATER	See Note 3	BORING DIAMETER	6 Inches	DATE DRILLED	3/13/80

DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRENGTH (KSF)		
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE								
Sandy Clay with Gravel, Rock Fragments and Roots	Dark Brown	Soft	CL								
Clayey Silt (Grading with Less Clay)	Brown	Firm	ML			4	16				
		Stiff		5							
Sandy Silt with Occasional Gravel (Highly Weathered Silty Sandstone)	Light	Hard	ML								
NOTES: (1) See Site Plan for elevation datum. (2) The stratification lines represent the approximate boundaries between material types and actual transitions are gradual. (3) Hole was dry at the time of drilling and was backfilled immediately (see text of report for discussion of groundwater).											
						10		50/3"	1		
						15					
Sandy Silt	Yellow Brown-Light Gray	Hard	ML			45/12"	16				

Bottom of Boring = 19½ Feet

 Don Hillebrandt Associates Geotechnical Consultants	EXPLORATORY BORING LOG		
	Proposed Warehouses - East of Willow Ave. Antioch, California		
	PROJECT NO.	DATE	BORING NO.
493-5	MAY 1980	10	

DRILL RIG Continuous Flight Auger	SURFACE ELEVATION 79 Feet	LOGGED BY RLS
DEPTH TO GROUNDWATER See Note 3	BORING DIAMETER 6 Inches	DATE DRILLED 3/13/80

DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRENGTH (PSI)
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE						
Slightly Clayey Silt	Brown	Firm	ML	5		4	14		
		Stiff							
Sandy Silt (Highly Weathered Silty Sandstone)	Light Brown	Hard	ML	10		49/9'	17	107	3.2 (UC)

Bottom of Boring = 13½ Feet

NOTES:

- (1) See Site Plan for elevation datum.
- (2) The stratification line represents the approximate boundary between material types and actual transition is gradual.
- (3) Hole was dry at the time of drilling and was backfilled immediately (see text of report for discussion of groundwater).



**Don Hillebrandt Associates
Geotechnical Consultants**

EXPLORATORY BORING LOG

**Proposed Warehouses - East of Willow Ave.
Antioch, California**

PROJECT NO.

DATE

BORING NO.

493-5

MAY 1980

DRILL RIG	Continuous Flight Auger	SURFACE ELEVATION	96 Feet	LOGGED BY	RLS
DEPTH TO GROUNDWATER	See Note 3	BORING DIAMETER	6 Inches	DATE DRILLED	3/13/80

DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRENGTH (PSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE						
Clayey Silt	Brown	Firm	ML	4		4	16		
		Stiff		5					
Sandy Silt (Very Highly Weathered Siltstone/Sandstone)	Brown	Hard	ML	54/9'		54/9'	16	102	5.9 (UC)
				10					
Sandy Silt	Light Brown	Hard	ML						
				15					
NOTES: (1) See Site Plan for elevation datum. (2) The stratification lines represent the approximate boundaries between material types and actual transitions are gradual. (3) Hole was dry at the time of drilling and was backfilled immediately (see text of report for discussion of groundwater).									
						30/6"	14		

Bottom of Boring = 18½ Feet



**Don Hillebrandt Associates
Geotechnical Consultants**

EXPLORATORY BORING LOG

Proposed Warehouses - East of Willow Ave.
Antioch, California


PROJECT NO.	DATE	BORING
A93-5	MAY 1980	3

DRILL RIG Continuous Flight Auger			SURFACE ELEVATION 75 Feet		LOGGED BY RLS				
DEPTH TO GROUNDWATER See Note 3			BORING DIAMETER 6 Inches		DATE DRILLED 3/13/80				
DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRENGTH (PSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE						
Sandy Silt with Some Rock Fragments (FILL) ↑	Brown	Firm	ML	12	I	12	12	112	2.5 (UC)
		Stiff							
Clayey Silt	Brown	Soft	ML	5	/	3	20		
Silty Clay	Green	Stiff	CL		X	--	19		
Clayey, Sandy Silt with Some Gravel	Green	Hard	ML	10	I	46 1/2"	18		
			ML CL		I	36 1/2"	19		

Bottom of Boring = 14 1/2 Feet

NOTES:

- (1) See Site Plan for elevation datum.
- (2) The stratification lines represent the approximate boundaries between material types and actual transitions are gradual.
- (3) Hole was dry at the time of drilling and was backfilled immediately (see text of report for discussion of groundwater).

 Don Hillebrandt Associates Geotechnical Consultants	EXPLORATORY BORING LOG		
	Proposed Warehouses - East of Willow Ave. Antioch, California		
	PROJECT NO.	DATE	BORING NO.
	493-5	MAY 1980	100

DRILL RIG	Continuous Flight Auger	SURFACE ELEVATION	71 Feet	LOGGED BY	RLS
DEPTH TO GROUNDWATER	See Note 3	BORING DIAMETER	6 Inches	DATE DRILLED	3/13/80

DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRENGTH (KSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE						
Clayey Silt with Wood fragments Near Surface ↑ (FILL) ↑	Dark Brown	Soft	ML	5		5	13'	105	0.6 (UC)
		Firm				8	11		
		Soft				6	12		
Clayey Silt	Brown	Firm	ML	10					
Sandy Silt	Brown	Stiff	ML			45	12"	16	
		Hard							

Bottom of Boring = 14½ Feet

NOTES:

- (1) See Site Plan for elevation datum.
- (2) The stratification lines represent the approximate boundaries between material types and actual transitions are gradual.
- (3) Hole was dry at the time of drilling and was backfilled immediately (see text of report for discussion of groundwater).



Don Hillebrandt Associates
Geotechnical Consultants

EXPLORATORY BORING LOG

Proposed Warehouses - East of Willow Ave.
Antioch, California

PROJECT NO	DATE	BORING NO
493-5	MAY 1980	5

DRILL RIG	Continuous Flight Auger	SURFACE ELEVATION	71 Feet	LOGGED BY	RLS
DEPTH TO GROUNDWATER	See Note 3	BORING DIAMETER	6 Inches	DATE DRILLED	3/13/80

DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRENGTH (KSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE						
Clayey Silt with Gravel, Rock and Wood Fragments	Brown	Firm	ML	5	[Diagram]	12	13	105	0.9 (UC)
		Stiff							
(FILL) ↑		Firm				5	8		
Sandy Silt	Brown	Firm	ML	5					
Sandy Silt	Light Brown	Very Stiff	ML	10	[Diagram]	24	13		
Sandy Silt	Tan	Hard	ML			5 1/2"	19		

Bottom of Boring = 14 1/2 Feet

NOTES:

- (1) See Site Plan for elevation datum.
- (2) The stratification lines represent the approximate boundaries between material types and actual transitions are gradual.
- (3) Hole was dry at the time of drilling and was backfilled immediately (see text of report for discussion of groundwater).



EXPLORATORY BORING LOG

Proposed Warehouses - East of Willow Ave.
Antioch, California

PROJECT NO.	DATE	BORING NO.
493-5	MAY 1980	6

DRILL RIG Continuous Flight Auger			SURFACE ELEVATION 72 Feet		LOGGED BY RLS				
DEPTH TO GROUNDWATER See Note 3			BORING DIAMETER 6 Inches		DATE DRILLED 3/13/80				
DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRENGTH (PSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE						
Slightly Clayey Sand	Brown	Loose	SC						
Clayey Sand (FILL) ↑	Brown with Rust	Medium Dense	SC			12	13		
Sandy Silt	Brown	Stiff	ML	5		8	8		
		Very Stiff				47	14		
Sandy Silt	Light Brown	Hard	ML	10					
	Tan					45	19		

Bottom of Boring = 14½ Feet

NOTES:

- (1) See Site Plan for elevation datum.
- (2) The stratification lines represent the approximate boundaries between material types and actual transitions are gradual.
- (3) Hole was dry at the time of drilling and was backfilled immediately (see text of report for discussion of groundwater).



**Don Hillebrandt Associates
Geotechnical Consultants**

EXPLORATORY BORING LOG

Proposed Warehouses - East of Willow Ave.
Antioch, California

PROJECT NO.	DATE	BORING NO.
493-5	MAY 1980	3

DRILL RIG	Continuous Flight Auger	SURFACE ELEVATION	77 Feet	LOGGED BY	RLS
DEPTH TO GROUNDWATER	See Note 3	BORING DIAMETER	6 Inches	DATE DRILLED	3/13/80

DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRENGTH (KSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST	SOIL TYPE						
Silty Sand with Gravel and Rock Fragments (FILL) ↑	Brown	Loose Medium Dense	SM	0-12	I	12	9		
Sandy Silt	Brown	Soft Firm	ML	12-17	II	5	12		
Sandy Silt Highly Weathered Siltstone/ Sandstone	Light Brown with Rust Streaks	Very Stiff Hard	ML	17-19	III	42/6"	14		
Sandy Silt	Green	Hard	ML	19-23					

Bottom of Boring = 13½ Feet

NOTES:

- (1) See Site Plan for elevation datum.
- (2) The stratification lines represent the approximate boundaries between material types and actual transitions are gradual.
- (3) Hole was dry at the time of drilling and was backfilled immediately (see text of report for discussion of groundwater).



**Don Hillebrandt Associates
Geotechnical Consultants**

EXPLORATORY BORING LOG

**Proposed Warehouses - East of Willow Ave.
Antioch, California**

PROJECT NO

DATE

BORING NO

453-5

MAY 1980

1

G-4475

PDQ PRODUCTS

P.O. BOX 787

ANTIOCH, CALIFORNIA 94509

TELEPHONE 415-754-3883

November 17, 1982

Building Inspection Dept
P.O. Box 744
Martinez, Calif 94553

RECEIVED

NOV 19 1982

Re: Assessors Parcel # 52-052-02
Grading Permit 4475

CONTRA COSTA COUNTY
BUILDING INSPECTOR

Attention: Natalie Griffin

Please be advised we expect the final grading work to be completed approximately the end of June 1983.

Enclosed is a copy of final soils report from the engineer.

Yours truly,
Chal Sulzinger

52-052-002-4

G-4475



Don Hillebrandt Associates Geotechnical Consultants

604 Mission St. Suite 901 • San Francisco, CA 94105 • Phone (415) 543-5943

January 26, 1981
Project 79855A

RECEIVED
NOV 19 1982

Mr. Chal Sulbrizio
554 Clark Avenue
Pittsburg, CA 94565

CONTRA COSTA COUNTY
BUILDING INSPECTOR

RE: Observation and Testing of Recompacted
Fill Materials in Footing Areas
Two Proposed Warehouses
Antioch, California

Dear Mr. Sulbrizio:

This letter summarizes the soil engineering services we have provided during earthwork operations in the area of the proposed Buildings "A" and "B" at the subject site. These services included observation and testing of recompact fill materials in the footing areas. Our soil engineering services were performed on a part-time basis between December 11, 1980 and December 15, 1980.

The exterior wall footing areas and interior column footing areas were over-excavated to a depth of 4 feet below proposed rough building pad grades. The bottom of the 12-foot wide excavation was recompact and fill materials were subsequently placed in thin lifts and compacted to the finished grade elevations.


Field density tests and laboratory compaction curves performed on the recompact fill materials indicated relative compactions of at least 90 percent (ASTM Test Designation D1557). This is in accordance with the recommendations presented in our foundation investigation report dated May 2, 1980.

We should note that during the recompaction operations, two old concrete footings that were encountered in the excavations could not be removed with the grading contractor's equipment. These old footings will be below the level of the new footings and are covered with a thin layer of fill. This was discussed with the Structural Engineer who has provided sufficient steel in the new footings to allow them to span across the existing footings.

Our services consist of professional opinions and conclusions made in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied.

Very truly yours,

DON HILLEBRANDT ASSOCIATES



Donald H. Hillebrandt
C.E. 16338

DHH:es

Copies: Addressee (2)
W. B. Clausen, Structural Engineer (1)

Building Inspection
Department

P.O. Box 749
Martinez, California 94563
(415) 372 2300

R. W. Giese
Director of Building Inspection

Contra
Costa
County



Lawrence T. Gunn
Admin Svcs Officer

Sean Thung
Engineer

Grading Engineer

William Martindale
Special Program Coordinator

Maurice C. Wagner
Principal Electrical Inspector

G. H. McConnell
Principal Mechanical Inspector

David L. Squires
Supervising Building Inspector

November 15, 1982

P.D.O. Products
P.O. Box 787
Antioch, CA 94509

Re: Assessors Parcel No. 52-052-02
Grading Permit 4475

Attn: Chal Sulbrizio

Dear Sir:

This is to inform you our office received your letter requesting an extension of the above grading permit.

The Grading Section of the Building Inspection Department is willing to extend the above permit provided the following is complied with:

1. An approximate time limit you expect the final grading work to be completed.
2. A final soils report from your soils engineer on the grading work done.

The building permit #83573 will not have final clearance until our office receives the final soils report.

If you have any questions concerning the above, contact this office at 372-2321 weekdays, 8:00 A.M. to 10:00 A.M.

Very truly yours,

R. W. Giese
DIRECTOR OF BUILDING INSPECTION

Natalie Griffin

By: Natalie Griffin,
Grading Technician

NG:dm

PDQ PRODUCTS

P.O. BOX 787

ANTIOCH, CALIFORNIA 94509

TELEPHONE 415-754-3883

November 10, 1982

Building Inspection Department
P.O. Box 249
Martinez, California 94553

G-#4475

Attention: Latale Griffir-Grading Technician

PDQ Products has had a very slow year, production is down, and orders are slow in coming.

Our financial picture has not allowed PDQ to continue with the grading or down spouts at this time.

I am writing this letter to ask for an extension of our grading permit.

Please be assured we will continue with our project as finances allow.

*OK. No
problems
exist.
no HFC
or violation
etc.
-EW
11-12-82*

Yours truly,
Chal Sulprizio
PDQ Products
Chal Sulprizio

RECEIVED
NOV 12 1982

CONTRA COSTA COUNTY
BUILDING INSPECTOR

APPENDIX F

Environmental Site Assessment Questionnaires (2)

Project Name:

Project No.

ENGEO

INCORPORATED

- | | |
|------------------------------------------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/> 2010 Crow Canyon Place • Suite 250 • San Ramon, CA 94583 | (925) 866-9000 • Fax (888) 279-2698 |
| <input type="checkbox"/> 2213 Plaza Drive • Rocklin, CA 95765 | (916) 786-8883 • Fax (888) 279-2698 |
| <input type="checkbox"/> 116 New Montgomery Street • Suite 224 • San Francisco, CA 94105 | (415) 284-9900 • Fax (888) 279-2698 |
| <input type="checkbox"/> 6399 San Ignacio Avenue • Suite 150 • San Jose, CA 95119 | (408) 574-4900 • Fax (888) 279-2698 |
| <input type="checkbox"/> 580 N. Wilma Avenue • Suite A • Ripon, CA 95366 | (209) 835-0610 • Fax (888) 279-2698 |
| <input type="checkbox"/> 425 Merchant Street • Suite 101 • Vacaville, CA 95688 | (707) 455-7833 • Fax (888) 279-2698 |
| <input type="checkbox"/> 690 Walnut Avenue • Suite 220 • Mare Island, Vallejo, CA 94592 | (707) 562-0030 • Fax (888) 279-2698 |
| <input type="checkbox"/> 3545 Airway Drive • Suite 114 • Reno, NV 89511 | (775) 852-2121 • Fax (888) 279-2698 |

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE FOR CLIENT

To evaluate the potential for possible environmentally related impacts and site contamination the following information is requested. This questionnaire is to be completed by the user of the phase one environmental site assessment, or their authorized representative.

PART I (FKP INC. - 3951 + 3899 OAKLEY ROAD ANTIOCH, CA.
TREVOR EQUITIES LLC - VIERA AVE. ANTIOCH, CA.

- Property address and Assessor's Parcel Number (APN): FKP INC., 052-051-012-9,
052-051-013-2, 052-051-034-8, 052-051-035-5, 052-051-036-3,
052-052-006-5, 052-052-018-0, 052-030-021-1, 051-160-001-7,
051-160-005-8, 068-400-033-7, 051-170-003, 051-170-004, 051-170-52
- Current property owner (name, address, voice/fax number):
FKP INC. 1777 OAKLAND BLVD SUITE 300 WALNUT CREEK, CA. 94596
TREVOR EQUITIES LLC 455 SEALE AVE. PALO ALTO, CA. 94301
TAUB - MICHAEL TAUB - 455 SEALE AVE. PALO ALTO, CA. 94301
- Date current property owner assumed title of property:
FKP, INC. - DECEMBER 26, 1995
TAUB - AUGUST 2, 2006
TREVOR EQUITIES LLC - 3/17/2006
- Current property development/improvements:
CURRENT PROPERTY IS BEING PLANNED FOR A 265 ACRE
MIXED USE DISTRICT DEVELOPMENT INCLUDING A BART
STATION (HILLCROFT STATION)
- Past property use, development/improvements:
ORCHARDS, MINING OF SAND & GRAVEL, FERTILIZER CO.
QUARRY, MANUFACTURING (PDR SITE)
- Neighboring property uses:
Pg + E Substation, Residential areas
ORCHARDS, VINEYARDS, VACANT OR RESIDENTIAL
100' RAILROAD EASEMENT (UPRR)



PART II

- 1. Are you aware of any environmental cleanup liens against the *property* that are filed under federal, tribal, local or state law? Yes No

- 2. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the *property* and/or have been filed or recorded in a registry under federal, tribal, state or local law? Yes No

- 3. Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example are you involved in the same line of business as the current or former occupants of the *property* or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Yes No

- 4. If a property transaction is occurring in conjunction with this environmental assessment, does the purchase price of this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? Yes No N/A

- 5. Are you aware of any commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,
 - (a) do you know of specific chemicals that are present or once were present at the *property*?
 - (b) do you know of spills or other chemical releases that have taken place at the *property*?
 - (c) do you know of any environmental cleanups that have taken place at the *property*? Yes No
REPORTS PROVIDED

- 6. Based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*? Yes No
REPORTS PROVIDED

If a "Yes" response was provided to any of the above questions, please provide details below:

I certify that the information herein is true and correct to the best of my knowledge as of the date signed below.

Name (Printed/Typed): CHARLES A. WALL

Signature:

Date: 9/24/07

Project Name:

ENGEO

Project No.

INCORPORATED

- | | |
|------------------------------------------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/> 2010 Crow Canyon Place • Suite 250 • San Ramon, CA 94583 | (925) 866-9000 • Fax (888) 279-2698 |
| <input type="checkbox"/> 2213 Plaza Drive • Rocklin, CA 95765 | (916) 786-8883 • Fax (888) 279-2698 |
| <input type="checkbox"/> 116 New Montgomery Street • Suite 224 • San Francisco, CA 94105 | (415) 284-9900 • Fax (888) 279-2698 |
| <input type="checkbox"/> 6399 San Ignacio Avenue • Suite 150 • San Jose, CA 95119 | (408) 574-4900 • Fax (888) 279-2698 |
| <input type="checkbox"/> 580 N. Wilma Avenue • Suite A • Ripon, CA 95366 | (209) 835-0610 • Fax (888) 279-2698 |
| <input type="checkbox"/> 425 Merchant Street • Suite 101 • Vacaville, CA 95688 | (707) 455-7833 • Fax (888) 279-2698 |
| <input type="checkbox"/> 690 Walnut Avenue • Suite 220 • Mare Island, Vallejo, CA 94592 | (707) 562-0030 • Fax (888) 279-2698 |
| <input type="checkbox"/> 3545 Airway Drive • Suite 114 • Reno, NV 89511 | (775) 852-2121 • Fax (888) 279-2698 |

**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE
FOR "KEY SITE MANAGER"**

To evaluate the potential for possible environmentally related impacts and site contamination the following information is requested. This questionnaire is to be preferably completed by the current property owner, or owner representative, leasing agent, or other person having good knowledge of the uses and physical characteristics of the property (Key Site Manager).

PART I

- Property Address/Location and Assessor's Parcel Number (APN): *FKP, INC - 3951 & 3899 OAKLEY ROAD ANTIOCH, CA. TREVOR EQUITIES LLC - VIERA AVE. ANTIOCH, CA. FKP INC - 052-051-012-4, 052-051-013-2, 052-051-034-1, 052-051-035-5, 052-051-036-3, 052-052-006-5, 052-052-018-0, 052-030-021-1, 051-160-001-7, 051-160-005-8, & 068-100-033-7; TREVOR EQUITIES LLC - 051-170-003, 051-170-004, 051-170-057;*
- Current property owner (name, address, voice/fax number):
*FKP INC, 1777 OAKLAND BLVD, SUITE 300 WILMINGTON, CA 94536
TREVOR EQUITIES LLC 955 SEALE AVE. PALO ALTO, CA. 94301
TAUB-MICHAEL TAUB- 455 SEALE AVE. PALO ALTO, CA. 94301*
- Date current property owner assumed title of property:
*FKP, INC. - DECEMBER 26, 1995
TAUB - 9/2/06
TREVOR EQUITIES LLC - 3/17/06*
- Current property development/improvements:
CURRENT PROPERTY IS BEING PLANNED FOR A 265 ACRE MIXED USE DISTRICT DEVELOPMENT INCLUDING A BART STATION (HILLCREST STATION)
- Past property use, development/improvements: *ORCHARDS, QUARRY, MANUFACTURING (P&E SITE), FERTILIZER CO.*
- Neighboring property uses: *P&E SUBSTATION, RESIDENTIAL USE, ORCHARD, VINEYARDS, VACANT OR RESIDENTIAL 100' ROW FOR UNION PACIFIC RAILROAD (UPRR)*

PART II - The following questions should be answered to the best of your knowledge.



- | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------|
| 1. Is/has the <i>property</i> or any adjoining property used/been used for industrial purposes? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | Yes | No | |
| 2. Has the <i>property</i> or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | Yes | No | |
| 3. Are there currently, or have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal in volume or 50 gal in the aggregate, stored on or used at the <i>property</i> or at the facility? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | Yes | No | |
| 4. Has undocumented soil been brought onto the property at any time? If yes, estimated quantity is _____ cubic yards. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> UNK |
| | Yes | No | |
| 5. Has soil been brought onto the property that originated from a contaminated site or that is of an unknown origin? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | Yes | No | |
| 6. Are there currently, or have there been previously, any pits, ponds, or lagoons located on the <i>property</i> in connection with waste treatment or waste disposal? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | Yes | No | |
| 7. Is there currently, or has there been previously, any stained soil on the <i>property</i> ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | Yes | No | |
| 8. Are there currently, or have there been previously, any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | Yes | No | |
| 9. Are there currently, or have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <i>property</i> or adjacent to any structure located on the <i>property</i> ? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | Yes | No | |
| 10. Are there currently, or have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> UNK |
| | Yes | No | |
| 11. Are there any domestic, irrigation or monitoring wells on the property? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | Yes | No | |
| 12. If the <i>property</i> is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | Yes | No | |
| 13. Have you been informed of the past or current existence of <i>hazardous substances</i> or <i>petroleum products</i> or environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | Yes | No | |
| 14. Have there been any <i>environmental site assessments</i> of the <i>property</i> or facility that indicated the presence of <i>hazardous substances</i> or <i>petroleum products</i> on, or contamination of, the <i>property</i> or recommended further assessment of the <i>property</i> ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | Yes | No | |
| 15. Have there been any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any <i>hazardous substance</i> or <i>petroleum products</i> involving the <i>property</i> ? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | Yes | No | |
| 16. Has there been any past agricultural use of the <i>property</i> , such as orchards or seed crop cultivation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | Yes | No | |
| 17. Have any <i>hazardous substances</i> or <i>petroleum products</i> , unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the <i>property</i> ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> UNK |
| | Yes | No | |
| 18. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | Yes | No | |

If a "Yes" response was provided to any of the above questions, please provide details below:



I certify that the information herein is true and correct to the best of my knowledge as of the date signed below.

Name (Printed/Typed): CHARLES A. WALL

Signature:

Date:

9/24/07

APPENDIX G

Qualifications of Environmental Professionals

EDUCATION

B.S. Geology, UC Davis

REGISTRATIONS

Registered Geologist in California 5810

Certified Hydrogeologist in California 413

Registered Environmental Assessor in California #20201

Certified Environmental Manager in Nevada 1332

SPECIALIZATIONS

- Hazardous materials
- Due diligence evaluations for portfolio property acquisitions
- Hydrogeologic Studies
- UST characterization and remediation
- VOC release assessments and remediation
- Risk Based Corrective Action (RBCA) evaluations
- Agrichemical impact assessments

REFERENCE

Ms. Patty Hirota – Cohen
BART Real Estate Department
1330 Broadway, Suite 1800
Oakland, CA 94612
510- 464-6000

Since joining ENGEO in 1985, Mr. Munger has been managing groundwater supply evaluations, hydrogeologic studies, chemical assessments, phase one and two site assessment projects, UST site investigations, risk based corrective action (RBCA), VOC remediation, and agricultural impact evaluations. He serves as Principal-in-Charge or Project Manager for environmental and hazardous materials projects involving groundwater hydrology, contaminant fate and transport, and remediation.

620 North 9th Street, San Jose, CA

Mr. Munger is Principal-in-Charge for groundwater and soil gas characterization study for former Del Monte Packing Plant site in San Jose. His scope of services included meetings and interaction with multiple members of the San Francisco Regional Water Quality Control Board, and preparation of a Remedial Management Plan and public participation notifications.

ENGEO performed a Phase One Environmental Site Assessment and a subsequent Phase Two Environmental Site Assessment for the 3.1-acre proposed residential property. The property is currently occupied by two commercial warehouses and surrounding asphalt parking. The purpose of the Phase Two study was to provide an assessment of possible remaining soil gas impacts related to residual groundwater impairments from on- and off-site sources. ENGEO prepared a Remedial Action Plan (RAP) for the mitigation of volatile organic compounds (VOCs) and management of potential petroleum impacted soil.

Ivy Glen, Fremont, CA

Mr. Munger is the Principal-in- Charge. ENGEO is providing groundwater sampling, including collecting groundwater samples from existing monitoring wells. Field activities have been conducted by an ENGEO Environmental Engineer. Static water levels are measured in surrounding wells, then checked for the presence of free product or sheen, with no measurable product or sheen found. Prior to groundwater sampling, a well was purged with at least four casing volumes until the field parameters (temperature, conductivity and pH) had stabilized.

Groundwater samples are collected in accordance with ENGEO's standard sampling procedures. Water samples are collected for laboratory testing using a dedicated polyethylene bailer. The samples are decanted into a pre-cleaned 40 ml vial preserved with HCL and cooled in an ice chest until delivery under documented chain-of-custody to Entech Analytical Laboratory in

Santa Clara, California. Samples are analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260B. Detectable concentrations of VOCs are reported in the laboratory test results.

Cecchini Property, Contra Costa County, CA

Mr. Munger provided an agrichemical study. ENGEO is providing geotechnical, environmental, hydrologic, and long-term storm water Best Management Practices (BMP) consultation services for the project. ENGEO previously performed several surface and subsurface explorations at the site for the purpose of providing geotechnical and environmental design recommendations. The project site is located on Byron Tract at the eastern edge of Contra Costa County. The irregularly shaped parcel is bounded by Old River to the east, Highway 4 to the south, Discovery Bay to the west, and Indian Slough to the north. The site is agricultural in nature with existing farm-related structures in the north central part of the site. Numerous small irrigation and drainage ditches traverse the property. The ditches help maintain artificially depressed ground-water levels that serve as a permanent dewatering system.

Discovery Bay West, Tracts 7686 and 8143, Discovery Bay, CA

Mr. Munger was Principal-in-Charge. ENGEO provide a modified phase one site assessment addressing the entire 756-acre property. The lots have been rough graded with streets and curb/gutter in place. Most underground utilities are also in place. The proposed development consists of single-family homes and areas graded for residential development.

River Islands School Site Preliminary Endangerment Assessment, Lathrop, CA

Mr. Munger was Principal-in-Charge. ENGEO recently performed a Preliminary Endangerment Assessment for a proposed school site, located in the eastern portion of the River Islands project, a 4,800 acres residential development in Lathrop, California. The PEA was completed for the Banta School District for the proposed River Islands middle and elementary schools. ENGEO conducted environmental sampling of the site near surface soils since the site was historically used for agricultural usages since at least the 1930's. ENGEO determined that residual levels of the pesticides DDE and DDT detected onsite were below the acceptable thresholds and did not pose a threat to the future school site. We concluded the onsite concentrations of mercury, arsenic and lead were consistent with the range and mean concentrations of the background soil results. Based on our evaluation of the soil sampling results, we proposed that no further action was necessary for the proposed school site. ENGEO recently received verbal approval by DTSC for the PEA.

Discovery Bay West Villages 4 and 5, Discovery Bay, CA

Mr. Munger was Principal-in-Charge. ENGEO provided environmental services for the installation of three groundwater monitoring wells and advancement of six Geoprobe borings at the project site—adjacent to the existing pipeline easement of $\pm 3,400$ lineal feet on the property. The purpose of the additional services is to provide further delineation of the extent of low-level petroleum impacts identified at the site. We also created a letter report presenting the results of the Kinder-Morgan petroleum pipeline assessment.

ENGEO completed a previous petroleum pipeline assessment for the development in 1998. The study did not reveal any appreciable concentrations of target analytes associated with petroleum

products. It was concluded that no soil or groundwater impact had occurred to-date. This subsurface assessment was performed to evaluate whether pipeline operations since the 1998 study have subsequently impacted the soil and/or groundwater.

Hogan Drive, Santa Clara, CA

Mr. Munger is the Principal-in-Charge for the active groundwater remediation services for 3 acre former dry cleaner site in Santa Clara. Our scope of services has included an initial site characterization, groundwater plume delineation and ongoing bioremediation services. ENGEIO provided a soil and groundwater study to monitor the presence of VOCs, TPHg, BTEX, MTBE, and PCE. All were non-detectable except for PCE. ENGEIO recommended that remediation take place to clean the soil and groundwater of PCE.

Mayfield Avenue Site, Mountain View, CA

Mr. Munger is the Principal-in-Charge for groundwater study and dewatering system design for former Hewlett Packard Site in Mountain View. His scope of services included the installation and monitoring of four piezometers.

Aerially Deposited Lead (ADL) Assessment Program, Alcosta Boulevard/Interstate 680 Interchange Improvement, San Ramon, CA

Mr. Munger provided Principal Review. ENGEIO performed an Aerially Deposited Lead (ADL) assessment program for the Alcosta Boulevard/Interstate 680 Interchange Improvement. The purpose of the investigation was to determine existing lead levels in surface soils. The scope of services included the recovery of soil samples from the surface to a depth of 3 feet below the ground surface, analytical testing of the samples to determine hydrogen ion content (pH testing), total lead, STLC WET soluble lead, and STLC TCLP soluble lead analyses, and a statistical analysis to determine Confidence Intervals (CI) of soil lead concentrations.

An innovative risk-based statistical analysis was performed to assure site soils were suitable for on-site reuse in accord with Caltrans/State of California regulations. This analysis led to significant project budget savings by avoiding removal and disposal at a solid waste disposal facility.

SR 121 Improvements, Napa, CA

As Principal in Charge, Mr. Munger provided quality assurance and oversight while ENGEIO personnel performed aerially deposited lead (ADL) sampling and laboratory analysis for the State Route 121 improvement project. The purpose of the investigation was to determine total lead concentrations in surface soils within the proposed improvement area. Our scope or services included: recovery of 20 surface soil samples from 20 sampling locations and submittal of the soil samples for hydrogen ion content (pH testing) and total lead analyses. The area of study consisted of approximately one-half mile of right-of-way on either side of the existing roadway.

Builder's Square, Multiple States—USA

Mr. Munger led the ENGEIO team that provided Phase One Environmental Site Assessments for 90 properties located within 22 states as part of a pre-acquisition due diligence. We completed the work within five and a half weeks and on budget. The properties consisted of 48,000 to

115,000 square foot cornet tilt-up commercial buildings developed as home improvement centers. The existing structures were constructed in the 1980s and 1990s.

Hercules Wastewater Treatment Plant, Hercules, CA—2004

Mr. Munger was Principal-in-Charge of the project. ENGEO performed a phase one environmental site assessment at the 12-acre property currently occupied by the Hercules Waste Water Treatment Plant (WWTP), previously operated by the City of Hercules. The property is also a former parcel of the Hercules Powder Works site (HPW). Remnant facilities previously associated with the WWTP include a treatment vault, above-ground chemical storage tank, and aeration ponds. Based on the findings of the assessment, there were potential environmental concerns associated with the past and current uses of the property:

- The lack of environmental documentation prior to the construction of the Waste Water Treatment Plant and the past history of the site as a part of the Hercules Powder Works represented a potential environmental concern for impacts to the site.
- Sampling and analysis data compiled by Questa Engineering in association with the 1991 – 1992 UST and dispenser removal suggests residual soil and groundwater impacts may exist on the property.
- The use of hazardous materials and waste associated with the Waste Water Treatment Plant present a potential environmental concern for possible impact to the site.

Lockeford Wastewater Treatment Plant Expansion, Lockeford, CA

Mr. Munger is Principal-in-Charge. ENGEO is providing environmental services regarding private party activities to assist the Lockeford Community Services District (LCSD) in acquiring property to support expansion of the existing wastewater treatment plant's capacity. The LCSD operates a wastewater treatment plant (WWTP) that is designed to process wastewater to secondary water quality standards and is reported to have a current design capacity of 340,000 gallons per day. The existing disposal capacity for treated effluent is reported to limit the WWTP to approximately 280,000 gallons per day. Our scope of services includes obtaining clarification of Preliminary Vernal Pools Determination, identifying existing WWTP capacity and identifying use alternatives for 120 acres.

ENGEO is completing study to characterize groundwater for the purpose of preparing a Report of Waste Discharge submittal to the Central Valley Regional Water Quality Control Board. This application is in support of a plan to convert use of an existing agricultural property to effluent reclamation for secondary treated water.

City of Plymouth Treated Water Pipeline Project, Tanner Reservoir to Plymouth Water Treatment Plant, Amador County, CA—on-going

Mr. Munger is Principal-in-Charge. ENGEO is preparing a geotechnical report for the project which will consist of construction of a treated water pipeline connecting the existing Amador Water Agency Water Treatment Plant at Tanner Reservoir, with the existing City of Plymouth treated water storage tank. ENGEO is also providing environmental services related to disposal issues. We created a letter

determining if naturally occurring asbestos issue was a factor. The project also includes construction of a water storage tank north of Sutter Creek. We will perform a geologic reconnaissance of the selected pipeline alignment. We will also perform subsurface explorations and provide design recommendations for foundation design and excavatability.

Bear Creek Property, Contra Costa County, CA

ENGEO has provided a wide range of services for the 83-acre site, a proposed cemetery location. We performed a groundwater availability study to evaluate the underlying aquifer(s) with regard to potential sustained well yield and water quality. We also provided a hydrogeologic evaluation of the groundwater availability on an existing well. In addition, we submitted plans for the installation of an additional groundwater observation well and monitoring, required by Contra Costa County as a Condition of Approval for the project. Most recently we summarized the findings of the groundwater monitoring.

Burroughs Property (State Parcels), Jersey Island Road, Oakley, CA

Mr. Munger conducted a Phase Two Site Assessment to address the environmental concerns associated with the one active natural gas well site and five former natural gas well sites identified in the referenced site assessment report. Mr. Munger identified the following potential environmental concerns associated with the six active/former natural gas well sites:

- Hydrocarbon impacts to soil/groundwater as a result of spillage from condensate tanks
- Spillage from above-ground diesel and motor oil tanks
- Hydrocarbon impacts within the area of compressor units
- Mercury impacts adjacent/beneath meter sheds
- Hydrocarbon/barium impacts associated with former drill sumps
- Hydrocarbon impacts around well heads

Pay N' Pak Real Estate Transactions, CA

A financial money manager of Harvard University hired ENGEO to undertake 18 Phase One Environmental Site Assessments prior to their purchasing a number of Pay N' Pak stores. The scope of work included site walkovers with an asbestos inspector, review of aerial photographs and available Sanborn Fire Insurance maps, and record research. We prepared a detailed plan showing nearby contaminated sites that could potentially affect the subject property. The reports were prepared under a strict four-week deadline for completion. The full reports were completed within the time limits with no revisions required prior to the completion of the real estate transaction.

170 King Street, San Francisco, CA

Mr. Munger served as the Project Manager for the proposed residential project. The planned development includes an 11-story building and the upper eight levels will consist of residential units with parking on the lower three levels. Our services focused on characterizing the environmental aspects of the project and provide design level recommendations to guide land planning.

Pleasant Hill BART Station, Walnut Creek, CA

ENGEO provided a Phase Two Environmental Site Assessment for this BART station that encompasses 20 acres, including the platform/station area, electrical facilities, a parking garage and additional paved parking areas. The purpose of our study was to address the general soil quality across the area of the parcels (not those underneath the platform or parking structure). The comprehensive scope of services included soil and groundwater samples from 85 locations across the site, laboratory analysis and the preparation of a final report for the client that included an evaluation of reported constituents with comparisons to applicable State and Federal guidelines.

In order to minimize impacts to BART travelers and operations, ENGEO provided our services during the weekends. ENGEO also obtained a right-of-way permit through BART Real Estate Services Division to gain access to the site before the project commenced.

San Ramon Village Plaza, Dublin, CA

Mr. Munger conducted an environmental peer review for the proposed residential development within the mixed-use 4.68-acre San Ramon Village Plaza site. According to the general plan, the proposed development will consist of commercial and residential usage. Approximately 2.94 acres will be developed for residential use and includes construction of 11 townhome buildings and access roadways. The residential townhouses are three-story wood-framed structures, and each building may contain 4, 5 or 8 units.

Arroyo Crossings, Livermore, CA

Mr. Munger was Project Manager while ENGEO provided geotechnical and environmental engineering services for this 34-acre site. The extensive scope of work included supplemental geotechnical exploration, phase one and two environmental site assessments, underground storage tank removal as well as groundwater monitoring. The proposed development for the site will consist of 155 residential lots with associated roadways and underground utilities. The client has received documented site characterization and recommendations necessary to move forward with development.

Iron Horse Trail Improvements, Pleasanton, CA

Mr. Munger was Project Manager while ENGEO performed near surface soil sampling in the proposed landscape “pod” areas along the Iron Horse Trail for the City of Pleasanton. The improvement project includes a bicycle/walking trail, drainage facilities and landscape improvements. The area consists of a strip of land that is ±2,350 feet long and 100 feet wide. ENGEO collected soil samples to determine if the soil had been adversely impacted as a result of its past use as a railroad right-of-way.

Kelseyville Unified School District, Lake County, CA

Mr. Munger was Principal-in-Charge. ENGEO prepared a Preliminary Endangerment Assessment (PEA) for the Kelseyville Unified School District in Lake County, California. The purpose of the PEA was to evaluate the likelihood for elevated levels of Naturally Occurring Asbestos (NOA) and CAM 17 metals to be present at the proposed Cobb School Site. Working under the direction of DTSC we developed a DTSC approved scope of services which included:

- A classification of the sub surface geology at the Site
- Soil and groundwater sample collection. Samples were analyzed for NOA and CAM 17 metals.
- Preparation of a PEA report summarizing our findings for the Site.

Our assessment revealed no significant levels of asbestos and CAM 17 metals at the Site and concluded that Naturally Occurring Asbestos is not a concern for development of the Cobb School facility.

In February 2006, ENGEO's PEA was approved by the DTSC.

S&S Farms, 12-Acre Proposed Grant Street School Site, Brentwood, CA

Mr. Munger completed an updated Phase One Environmental Site Assessment (ESA) for the proposed Grant Street School. The previous phase one site assessment was completed by ENGEO in October 2002, for a larger ±94-acre property. The 12-acre school site is located in the northeast corner of this site. The October 2002 Phase One scope of services was modified to include limited sampling to initially evaluate soil for evidence of leakage from an underground petroleum pipeline and for the presence of agricultural chemical residues in soil from agricultural activities that occurred on the property.

ENGEO also performed a soil vapor study that involved collecting soil vapor samples for analysis of hydrogen sulfide and methane. This objective of this study was to evaluate whether these compounds were introduced to shallow soil by historic natural gas exploration in the area. The results of this study in conjunction with the results from prior soil vapor studies performed at the site indicated hydrogen sulfide and methane were not present at concentrations in soil vapor beneath the site that merited further study.

ENGEO's reports included calculations for cancer risk and hazard quotient posed to human health for the two pesticides and two metals detected in the surface soil. Based on the calculated cancer risk being less than 1 in a million and the hazard quotient being less than 1, ENGEO recommended that a Preliminary Endangerment Assessment (PEA) may not be necessary.

Proposed Cobb School Site, Cobb, CA

Mr. Munger was Principal-in-Charge. ENGEO prepared a work plan for a Preliminary Endangerment Assessment (PEA) regarding Naturally Occurring Asbestos (NOA) and metals in surface and near surface soil and Title 22 contaminants in groundwater. Our scope of services included:

- Collecting soil samples from two depths at three locations previously sampled in December 2004 for analysis of naturally occurring asbestos using the transmitted light microscopy (TEM) method.
- Collecting soil samples from the upper 6 inches of soil at four locations for analysis of the seventeen metals listed in the California Assessment Manual.

- Collecting one groundwater sample from the existing water supply wells for laboratory analysis.

DTSC requested that one groundwater sample be collected from the neighboring water supply well for laboratory analysis. Observation of the well head suggests that the well's condition allows for surface water and debris to enter the well bore. Since this condition is not consistent with the California Water Well Standards, we recommend a limited suite of analyses that is intended to assess the presence of the constituents.

Petersen Mine Tailings Pile, Pine Grove, Amador County, CA

Mr. Munger was Principal-in-Charge. The Site consists of an approximate ½-acre parcel that is surrounded by approximately 141 acres of land proposed for development as the Petersen Ranch subdivision (Petersen Ranch). The Site was used as a repository for mine tailings generated from gold recovery using mercury amalgamation in connection with the former Petersen Mine, which was operated between approximately 1930 and 1948. Closures of the other aspects of the former mine, such as the closure of tunnels, have been addressed to the satisfaction of Amador County.

As the lead agency for the PEA process, the Department of Toxic Substances Control (DTSC) is providing regulatory oversight under the authority of a Voluntary Cleanup Agreement (VCA) executed between DTSC and Mr. Fred Petersen, the project proponent. The RAW objective is to establish a plan for relocating the MTP in a manner that is protective of the public health and the environment.

Proposed Mixed-Use Development Site, Suisun City, CA

Mr. Munger is Principal-in-Charge. ENGEO is performing additional groundwater sampling for the proposed mixed-use development site at the northwestern corner of Highway 12 and Marina Boulevard and is comprised of four parcels totaling approximately 30 acres. The proposed development will consist of a mixture of townhomes and single-family residential housing, commercial, green spaces, parking and associated roadways. The purpose of the proposed additional groundwater sampling is to provide further delineation of the extent of groundwater impact associated with the former USTs.

The recently completed Phase Two Environmental Site Assessment included a groundwater assessment of the former City Corporation Yard. Although a previous Phase Two assessment did not determine the horizontal and vertical extent of contamination, it was our opinion that the area of impact is limited to the immediate vicinity of the former USTs at the City Corporation Yard, since laboratory testing yielded non-detectable results for samples 2-E6 and 2-E8.

Dougherty Valley High School, Contra Costa County, CA

Mr. Munger is environmental principal-in-charge. Shapell Industries and Windemere BLC are jointly undertaking the construction of the Dougherty Valley High School project. The target capacity for the new high school is 2200 students. The new high school will consist of Four 2 story classroom Buildings, a Library/commons building, a 400 seat Theater, a Career Tech Building, an Administration Building, a Main Gymnasium, an Auxiliary Gymnasium, an Olympic size Swimming Pool, Basketball courts, Baseball fields, Softball Fields,

Soccer/Lacrosse Fields, a football Stadium with a rubberized track, Tennis Courts and approximately 700 student parking stalls. Mr. Munger managed a scope of services for the project including:

- A geotechnical exploration of the site using soil borings and cone penetration testing methods.
- A geotechnical and seismic hazards analysis of the site including probabilistic earthquake magnitudes, mitigation measures for the highly expansive on-site soil materials, and remedial grading and foundation recommendations for the proposed structures and pavements planned for the project. The seismic hazards analysis was reviewed and approved for the project by the California Geological Survey (CGS).
- Plans and Specifications for approximately 2,000 linear feet of Mechanically Stabilized Earth (MSE) walls up to 11-feet in height. The wall plans and specifications were reviewed and approved by the California Division of the State Architect (DSA).
- Testing and Observation services of all earthwork operations involved in the construction of the school.
- Special Inspection services for all on-site retaining wall structures including MSE walls and concrete masonry unit (CMU) walls.

Live Oak Elementary School within Windemere Phase IV, Contra Costa County, CA

Mr. Munger is principal-in-charge. We are currently providing geotechnical engineering services for the school and school park sites, which total approximately 15 acres. ENGEO provided geotechnical explorations for the Windemere Development, Phase IV including the project site, in 1995 and 2002. Geological conditions for the school site were also provided in this report which is located primarily on bedrock material. Mr. Munger provided a site-specific geotechnical exploration for the school site to provide detailed foundation recommendations and related site construction based on the building layouts, local geologic constraints and regional seismicity. He also reviewed all construction specifications for the project for conformance with the recommendations outlined in the geotechnical report.

Gale Ranch Elementary School Site, Contra Costa County, CA

We provided a geologic hazard evaluation and a geotechnical exploration for the proposed school site. The proposed elementary school campus will consist of eight two-story masonry and steel buildings with a combined floor space area of 114,145 square feet. Associated parking, emergency access, recreation, landscape and hardscape areas, and underground utilities are also planned. We anticipated that minor cutting and filling will be required to create relatively level building pads.

Gale Ranch Middle School, San Ramon, CA

Mr. Munger was environmental principal-in-charge. ENGEO provided environmental geotechnical engineering services for the ±15.8-acre school site is located south of Bollinger Canyon Road. Improvements will include the construction of five to six buildings that will

house a library, classroom structures, an administration building and a gymnasium. These buildings will be one to two stories high. Basketball courts and two soccer fields will be constructed at the western half of the site.

Executive Jet Hangar, Concord, CA

ENGEO conducted a geotechnical exploration and Mr. Munger led the Phase One and Phase Two Environmental Site Assessments for the proposed executive jet hangar and surrounding parking area improvements. The proposed jet hangar will be approximately 125 feet wide and 300 feet long with a parking area to the west of the hangar. It is our understanding that the hangar will consist of a first floor totaling 46,906 square feet with 39,320 square feet for hangar use and 7,386 square feet set aside for offices. A second floor is also planned with office space totaling 7,386 square feet.

Suisun City Marina Project, Suisun City, CA

ENGEO was retained by the Suisun City Redevelopment Agency to conduct Phase One Environmental Site Assessments on five parcels totaling 35 acres along the east side of Suisun Channel. The parcels included a number of boat repair and storage facilities; warehouses and light manufacturing. Multiple tenants had occupied the properties since the early 1900s. Subsequent site assessments found areas of questionable in filling of ancient marine inlets with unknown materials. Phase Two assessments found evidence of leaking underground fuel storage tanks; heavy metal contaminated soil, solvents and semivolatile organic material in the site soil and ground water. The degree of environmental impact was evaluated on a parcel-by-parcel basis. Removal of underground storage tanks, installation of ground water monitoring wells, and excavation of contaminated soil have to date resulted in four letters of site closure from the Solano County Department of Environmental Management. Soil remediation techniques included reclassification of soil for less costly landfill disposal, off-site incineration and on-site aeration.

Terminal One, Richmond, CA

ENGEO is providing geotechnical and environmental consultation for the subject development. Our environmental services are focused on reviewing and commenting on the planned environmental remediation and mitigations plans, and to serve as the site consultant for the Toll Brothers. ENGEO evaluated the proposed plans to mitigate the known site contamination to allow for future residential development. ENGEO is also providing geotechnical services related to site development. Design issues include soft bay mud soils over sloping bedrock conditions and high building loads for this multi-level podium residential structure.

Sea Cliff Marina, Richmond, CA

The 12-acre Seacliff Marina site is located west of the Port of Richmond's Shipyard No. 3 and east of the Brickyard Cove Development. The Seacliff Marina site was formerly part of Kaiser Shipyard No. 3 and was used for ship repair and maintenance along with scrap metal and salvage yards. A 1986 soil investigation found elevated concentrations of metals and asbestos at the site. In 1995, a DTSC-approved Remedial Action Plan required the consolidation and capping of contaminated soil at the site, and this remedial action was completed in 1998. ENGEO provided oversight, review, and consultation regarding remediation work performed by the Seacliff

Marina consultant. ENGEO has also provided design level geotechnical studies for the development.

Proposed West Shore Project, Richmond, CA

ENGEO is providing design level geotechnical and environmental studies for this multi level podium structure. The property is currently undeveloped land surrounded by predominately commercial parcels. High -density residential construction is proposed for the site, including a proposed 6-story podium structure to include five residential floors with 269 units and one parking floor.

The site was reclaimed in the late 1920s by constructing a rock bulkhead between the San Francisco Bay and the margins of the peninsula now occupied by the West Shore Areas. Geotechnical issues include consolidation and possible liquefaction of dredge spoils that generally consist of soft silt and loose silty sand.

California Rock & Asphalt, Brisbane, CA

ENGEO provided field and laboratory services in an evaluation of potential lead impacts to imported fill material placed at Cal Rock during the spring and summer of 2002. Based on a review of information on file with the San Mateo County Department of Environmental Health (DEH), potentially lead-contaminated soil was exported to the Cal Rock site in 2002. According to DEH information, approximately 2,350 truckloads of soil was exported from the Prometheus Real Estate Group's (PREG) Metropolitan Apartment development site in the City of San Mateo. Additional soil from the PREG site was transported to the former Burlingame Drive-In property (301 Beach) and San Mateo property (2nd Avenue and B Street) The volume of soil transported to Cal Rock has been estimated at 28,200 cubic yards. Previous analysis of near-surface soils at the Metropolitan Apartment site found total lead concentrations up to 620 parts per million (ppm) and soluble lead concentrations up to 21 milligrams per liter (mg/l). Based on these findings, DEH requested that PREG submit a work plan to address all three of the import fill locations. DEH staff also contacted Cal Rock personnel to inform them that lead-impacted soil may have been transported to the property. Finally in 2004, DEH requested that the City of Brisbane require Cal Rock to develop a work plan to address the potentially impacted fill material.

Former McKesson Facility, Union City, CA

Mr. Munger was the Project Manager who reviewed selected documents provided by a developer, former owners, and the San Francisco Regional Water Quality Control Board (SFRWQCB). The purpose of the review was to evaluate the adequacy of site cleanup efforts to allow proposed single-family residential development across the property. Part of our scope included a review of selected technical reports and letters, comparison of residual soil and groundwater concentrations to applicable residential risk criteria maintained by USEPA and the SFRWQCB and the preparation of a final letter report with conclusions. ENGEO also provided a geotechnical exploration and environmental work. The proposed development includes 62 lots at the northern portion of the site and two parcels at the southwestern corner. The 62 residential lots consist of 58 single-family lots and four duplex lots. Parcel D will contain a park and Parcel E will contain a fire station. Lot 13 at the southeast corner will be used as an interim water treatment facility.

Los Banos Airport, Los Banos, CA

The Los Banos Airport is approximately 112 acres in area. ENGEEO provided a draft Phase One Environmental Site Assessment and a Conceptual Soil Remediation Work Plan as part of a multi-phase development for Stonecreek Properties, LLC. The scope of the environmental site assessment consisted of a Phase One environmental site assessment and a soil and groundwater characterization program. A review of regulatory databases at the local, state and federal level revealed that the property is listed in both federal and state databases as a site that has been subjected to environmental impacts.

Blackwelders Iron Works, Extractable Hydrocarbon Contaminated Soils, Rio Vista, CA

The Blackwelders facility was a former manufacturer of farm equipment and machine products. A Phase One Environmental Site Assessment was performed for a property transfer. The initial investigation identified areas of surface and subsurface discharge of hydrocarbon bearing condensate from an extensive air compression system. A Phase II Assessment which included hollow stem auger borings with soil and ground-water sampling found that extractable hydrocarbon contamination of the soil had occurred from both surface discharge and underground piping leaks. The primary area of contamination was located beneath the former compressor building. The affected soil adjacent to and beneath the building was excavated, stockpiled and profiled by laboratory analysis. Discrete soil samples were recovered from the excavation to confirm the removal of the contaminated soils to the regulatory agreed cleanup level of 100 parts per million. Excavated soil volume was approximately 250 cubic yards. Several potential remedial alternatives were evaluated including on-site biodegradation, landfilling and low-temperature rotary kiln thermal treatment. After considering cost, liability, and time constraints, off-site thermal treatment was selected as the most economical for soil treatment.

Richmond Transit Project, BART right of way drilling, Richmond, CA

ENGEEO was retained by the Olson Company with the cooperation of the City of Richmond Redevelopment Agency to perform a geotechnical investigation for the proposed transit project. An application was made for permission to drill, and consequently to encroach on or over BART property at the following locations:

Borehole 2: Approximately 110 feet West of 19th Street and approximately 480 feet North of Macdonald Avenue.

Borehole 3: Approximately 340 feet West of 19th Street and approximately 650 feet North of Macdonald Avenue.

Borehole 4: Approximately 60 feet West of 18th Street and approximately 120 feet South of Barret Avenue.

Borehole 5: Approximately 330 feet West of 18th Street and approximately 130 feet South of Barret Avenue.

Borehole 8: Approximately 730 feet East of Marina Way and approximately 300 feet North of Macdonald Avenue.

Borehole 9: Approximately 510 feet East of Marina Way and approximately 270 feet North of Macdonald Avenue.

The purpose of drilling at the said locations was to conduct a geotechnical investigation involving soil borings at 6 locations within the BART right of way (5 of which requiring pavement penetration), and at 3 locations on property belonging to the City of Richmond. A truck mounted drill rig was used, and drive samples were taken at approximately every five feet.

Hercules Village for Bixby Land Development Company LLC, Hercules, CA

The project area consists of ±167 acres located near and along the southeastern shore of San Pablo Bay in Hercules, California. The property was once a portion of a 1300-acre manufacturing facility that was operated by DuPont from 1879 to 1913 and Hercules Incorporated from 1913 to 1979. The planned development included single/multi family residential development with some commercial components. Mr. Munger provided environmental due-diligence services for the prospective purchaser/developer of the property. Previous site operations included the manufacture of explosives, fertilizer products and chemicals such as methanol, nitric acid and nitrogen tetroxide. Initial investigations confirmed the presence of arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc, petroleum hydrocarbons and polynuclear aromatic hydrocarbons in site soils. ENGEO's scope of work included:

Site Asbestos Survey

In March 1999, an asbestos survey was conducted for structures on the site. The survey included a physical inspection of the buildings, the recovery of bulk material samples, and analysis of the samples using Polarized Light Microscopy (PLM). The survey identified significant quantities of regulated asbestos-containing materials and Category II materials including pipe wrap, ducts, air cell, wall panels, and linoleum/vinyl tile. An estimate of the potential abatement costs was provided for the preparation of bid specifications.

Site Characterization

In order to verify past remedial efforts for the property, ENGEO excavated approximately 110 test pits across the property. Samples recovered from the test pits were submitted for metal, PCB, PNA and TPH analysis. Statistical analyses were performed to determine upper confidence levels (UCLs) for the various contaminants. Contaminant levels were compared to the existing site-specific risk criteria developed for the site.

Demolition Observation/Contaminant Assessment

Remnant foundation elements, utilities, and drainage structures existed across the property. These structures were proposed for demolition prior to initiating the reworking of un-engineered fill material and mass grading work.

ENGEO provided full-time observation services during demolition and pregrading work. This work included a physical inspection of areas around and beneath the structures/foundations, along with the recovery of soil samples with laboratory testing.

Phase One Site Assessment

The Phase One Assessment included a site reconnaissance, a review of regulatory records and interviews with owner/occupants. The areas were viewed for hazardous materials

storage, surficial staining or discoloration, debris, stressed vegetation, or other conditions indicative of potential sources of soil or ground-water contamination. The areas were also inspected for fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks.

Based on the findings of the site assessment, ENGEO identified several environmental concerns associated with the property, including potential metal, PCB and petroleum hydrocarbon impacts.

Brann Parcels, Rio Vista, CA

Mr. Munger provided Phase One and Two Environmental Site Assessments. The Phase Two Environmental Assessment included Division of Oil and Gas research, magnetometer survey, exploratory test pits, soil sampling and laboratory analyses.

Hydrogeologic Evaluation for Groundwater Availability, Fox Creek Country Club, Contra Costa County, CA

Mr. Munger provided a general hydrogeologic site characterization of this 350-acre property to determine the potential for an adequate source of groundwater on the subject property for golf course irrigation and other non-potable applications. The proposed development included an 18-hole golf course, a clubhouse, driving range and access roads. The scope of services included a review of geologic and hydrogeologic maps and literature regarding site geologic stratigraphy and structure, groundwater availability and quality; a review of available black and white stereo aerial photographs; an evaluation of available pump test data for existing on and off site groundwater wells; drilling and logging of four exploratory borings on the property; preliminary calculations of anticipated surface water runoff; and evaluation of groundwater availability.

Stop & Go Service Station, Suisun City, CA

Mr. Munger managed the characterization and remediation of service station site in Suisun City. He implemented an innovative sparging and bacterial treatment approach, which resulted in attainment of rapid site closure from the State with no off-site disposal costs.

Suisun City Marina Redevelopment Project, Suisun City, CA

Mr. Munger conducted an environmental assessment, characterization and remediation of a 40-acre redevelopment. His innovative remediation methodologies resulted in savings of over \$75,000 to the city.

Builders Square/Home Quarters Site Assessment Project, throughout the United States

Mr. Munger was the Principal in charge of due diligence assessment of 95 commercial properties throughout the country within a one-month time frame.

Former Dry Cleaner Facility, San Ramon, CA

Mr. Munger managed characterization, monitoring and remediation of solvent contamination. His proactive approach to monitoring and characterization using rapid assessment techniques allowed developer to proceed with planned residential subdivision.

Agrichemical Contamination, Brentwood, CA

Mr. Munger managed the characterization, statistical evaluation, and health risk assessment for this large-scale former orchard/row crop property. Statistical methodologies and risk evaluation resulted in expedited site closure allowing rezoning and residential construction. The estimated cost savings to the client was approximately \$250,000.

Select Foods Property, Hayward, CA

ENGEO conducted Phase One and Phase Two Environmental Site Assessments on the Select Foods manufacturing facility, which includes an educational facility with associated parking and a playground. The Phase Two Assessment was conducted on the property to address potential soil contamination associated with the past and present use of the property and the removal of five underground fuel tanks. We also provided services to determine if additional soil and groundwater studies were required before planning could continue.

Play Field Improvements, Closed Turk Island Landfill, Union City, CA

Mr. Munger was the Project Manager for this site consisting of approximately 46 acres of land proposed for recreational improvements to include play fields such as soccer and baseball fields and recreational trails. The site contained debris and municipal waste and was capped and considered “closed landfill” by the State of California. The scope of work included a review of available reports including literature and pertinent maps; subgrade requirements for synthetic play-field surfaces; a stability analysis for the placement of fill; geotechnical recommendations for site grading including fill placement criteria for the new cap and playfield surfaces; assess possible geological hazards in the general project area; and provide recommendations for treatment of geotechnical constraints, foundation recommendations, preliminary pavement design for parking areas, drainage considerations and utility trench backfill.

7th Street & East Taylor Street Project, San Jose, CA

ENGEO provided environmental consultation and field services during the removal of metal-impacted soil identified. ENGEO provided additional soil sampling and laboratory analysis services. Approximately 1,100 cubic yards of soil exceeding state hazardous waste criteria was found from the soil sampling and testing. Previous sampling and laboratory testing conducted identified elevated metal concentrations across several areas of the property.

Hacienda Avenue, Campbell, CA

Mr. Munger was the Principal in Charge providing a geotechnical exploration and a Phase Two Environmental Site Assessment for the proposed ±7.5-acre site consisting of 30 single-family residential homes. The geotechnical exploration included a geologic hazards assessment, field exploration, preparation of site development recommendations and a geotechnical design report. The assessment update included a review of the operations, maintenance and hazardous materials management practices, with an evaluation of their potential to adversely impact the site soil and groundwater. In addition, the phase two environmental services addressed the potential environmental impacts of the former orchards and dry cleaners.

Southern Pacific Property - Park Sierra Residential Development, Scarlett Drive/Dougherty Road, Dublin CA

ENGEO performed a Phase One and Phase Two Environmental Site Assessment for the former Southern Pacific property located along the railway corridor between the northern end of the current Scarlett Drive extending northwest across Dougherty Road (*within proposed Scarlett Drive Extension area*). This area has since been developed as a residential subdivision. Work included a review of past management practices associated with the Southern Pacific operation and a review of environmental data compiled for the abutting Camp Parks site. Phase Two work included recovery of soil and groundwater samples along the SP right of way, adjacent to the existing Kinder Morgan petroleum pipeline.

Camp Parks Fire Station, Dublin, CA

ENGEO performed a Phase One Environmental Site Assessment Update for the proposed Camp Parks Fire Station. The assessment included a review of the operations, maintenance and hazardous materials management practices, with an evaluation of their potential to adversely impact the site soil and groundwater.

Dublin Ranch, Dublin, CA

ENGEO performed a Phase One Environmental Site Assessment Update for Phase I – Tract 6956 of the Dublin Ranch subdivision. The assessment included a review of the operations, maintenance and hazardous materials management practices, with an evaluation of their potential to adversely impact the site soil and groundwater.

Valley Plaza, Pleasanton, CA

In 2003, Mr. Munger provided an update to ENGEO's previous environmental site assessment (ESA) from 1998 for this combined retail and residential site. After a review of the previous report, Mr. Munger directed a new reconnaissance of the property and was able to document, within the final report, comparative data from each ESA and, finally, identified potential environmental concerns for the property.

3rd & Connolly Utility Corridor, Mare Island, CA

Mr. Munger provided Principal oversight. ENGEO monitored demolition and soil excavation activities required to prepare for construction of a 300 – foot water and sewer utility corridor along Connolly Street between 3rd Street and Azuar Street for indications of chemical contaminants. The utility corridor, which will service planned residential development on Mare Island, lies adjacent to historic and large facilities that supported the Department of Navy operation of the former Mare Island Shipyard. Plans to excavate the corridor included geotechnical evaluation of trenching to protect the adjacent facilities, geotechnical evaluation of trench backfill to protect against settlement within the future street alignment and environmental evaluation to identify, classify and document to presence of soil contaminants. The environmental consideration was necessary to fulfill the obligations of the identified responsible parties.

Existing/former improvements within the alignment included water and steam pipelines, a former fuel oil pipeline (FOPL), natural gas lines and an industrial waste water line. In addition,

a previous fuel island, hydraulic hoists and two underground storage tanks were associated with Buildings 637 and 811. The zones of impacted soil removal were delineated within an approximate 9,300 square foot footprint area and extend to depths from 5 to 10½ feet below existing grade.

EDUCATION

M.S. Geology
California State University,
Hayward

B.S. Geology
University of Massachusetts,
Amherst

REGISTRATIONS

Registered Geologist, CA: 4030

Certified Engineering Geologist
CA: 1256

Certified Hydrogeologist,
CA: 460

Registered Environmental
Assessor, CA: 923

SPECIALIZATIONS

- Geologic hazard evaluation incorporating engineering geology and geotechnical engineering expertise to project development.
- Geologic Hazards Assessment Districts (GHAD) – Prepared plans of control and monitoring for the establishment of six GHADS in Northern California.
- Environmental Due Diligence Evaluations for Portfolio Property Acquisitions throughout the United States.

AFFILIATIONS

AEG – Association of Engineering Geologists

NGA – National Groundwater Association

SEDCORP – Solano Economic Development Corp.

Leadership San Ramon Valley

Leadership San Francisco

Mr. Flaherty manages our San Francisco office. He joined ENGEО in 1979 and has more than 25 years of diverse experience in the fields of hydrogeology, engineering geology, geologic hazard evaluations and mitigation, geotechnical engineering and environmental assessment. Mr. Flaherty's project experience includes geotechnical, geologic and earthquake hazard evaluation for projects throughout the San Francisco Bay Area. He has also managed numerous environmental site assessments, soil and groundwater characterization studies, and the design and implementation of soil and groundwater remediation systems.

Mr. Flaherty's geologic background includes landslide hazard assessment, slope stability evaluation, earthquake fault hazard explorations, preparation of Geologic Hazard Abatement District (GHAD) plans of control and monitoring. He has been involved with a number of large-scale residential subdivision projects from the preliminary geotechnical assessment for tentative map submittal through the field construction phase.

Suisun Marina, Solano County, CA

ENGEО provided geotechnical engineering and environmental services for the redevelopment of the Suisun Marina. The existing site, located along 2,000 linear feet of shoreline included light and heavy industrial uses, plus a commercial marina. ENGEО assisted the redevelopment agency in renovating the marina, constructing a new harbormaster's building, and remediating contaminated soil and groundwater.

Gate of Heaven Cemetery, Cupertino, CA

From about 1960 to 1992 the Gate of Heaven Cemetery maintained an unpermitted landfill located within the City of Cupertino. The landfill was estimated to contain approximately 14,000 cubic yards of soil mixed with debris. Exploratory test pits established that the in-place debris consisted of inert materials such as wood, paper, plastic, metal wire and concrete, with a substantial volume of vegetative matter consisting of tree and grass clippings.

After an initial environmental characterization of the landfill debris did not identify hazardous or potentially hazardous substances within the landfill materials, ENGEО recommended the use of an on-site screening plant to separate the soil and organics from the inert debris. This mitigation method allowed the client to mitigate the landfill debris in an efficient and

economic manner while providing a unique opportunity to recycle the landfill materials for a beneficial use. The separation of the inert and organic materials for reuse at the cemetery saved Class 3 landfill space while the recycling of the specific materials such the metals was also environmentally beneficial. Additional laboratory testing confirmed that the separated soil could be reused as engineered fill. The Clean Closure Plan was approved by the County and clean up was implemented with a significant cost saving to the client.

Benicia Arsenal, Benicia, CA

Mr. Flaherty was the Project Manager overseeing the Phase One Environmental Site Assessment. The scope of services included: a review of publicly available and practically reviewable standard local, state and federal environmental record sources; a review of several publicly available and practically reviewable standard historical sources, aerial photographs, fire insurance maps and physical setting sources; a reconnaissance of the property; interviews with property owners and government officials; and preparation of this report with our findings and conclusions.

Mangels Property, Fairfield, CA

Mr. Flaherty was the Project Manager for the 36 acre site. ENGEО provided a Phase One Environmental Site Assessment and a soil analysis. We collected six soil samples and provided analysis for toxaphene. The assessment included a review of the property's operations, maintenance and hazardous materials management practices with an evaluation of their potential to adversely impact the site soil and ground water.

Kenilworth Road Project, Oakland, CA

Mr. Flaherty provided geologic and hydrologic input for the CEQA initial study and to evaluate the suitability of the parcels for future development. The study addressed the site conditions and slope stability issues with regard to potential impacts from the mapped landslides and the necessity to remove and repair the slopes. The study provided an assessment of the potential impacts to downslope areas from site grading along with the potential hydrologic impacts to nearby parcels from removal and replacement of landslides with a drained, rebuilt slope and increasing the impervious surface areas. We also evaluated the potential long-term impacts to the site and vicinity if the landslides were not repaired and addressed the impacts to the Oakland Creekside Ordinance.

Hunters Point Shipyard Stormwater Control Plan, San Francisco, CA

ENGEО provided a Storm Water Control Plan with design alternatives addressing water treatment requirements associated with stormwater runoff from the development of Parcel A' of the Hunters Point Shipyard redevelopment project. The plan outlined the land use, hydrological, geotechnical and other project features that provide opportunities and constraints for structural and technological storm water best management practices(BMPs); used the information in the final design of the long-term BMPs that reduce pollutants in storm water flowing from the developed site and meet the MEP standard; provide a plan that includes engineering calculations, quantitative analysis and sizing for the proposed storm water treatment BMPs on the site; and describes a BMP maintenance program suitable for implementation following construction of the project. The report provided the final strategy for water quality treatment, based upon a cost and feasibility analysis of three BMP system alternatives. The alternative designs provided to the

project developer all included water treatment concepts incorporated into the vertical stage of the Parcel A development after the completion of the site grading.

Armax Residential Subdivision, El Centro Avenue, Napa, CA

Mr. Flaherty provided a Geotechnical and Environmental Peer review including a collection of soil samples for laboratory testing.

Fruitvale Avenue Bridge, Oakland, CA

Mr. Flaherty was the project manager in charge of the review of a previous hazardous material study for the planned retrofit of the Fruitvale Bridge. The purpose of the review was to evaluate the report with regard to the appropriateness and thoroughness of the study and to recommend any additional studies deemed necessary. The proposed project would consist of improvements to the Miller-Sweeney Bridge and the Fruitvale Avenue Railroad Bridge. The proposed retrofit project may require modifications to the footing of the bridges.

Aquifer Study, Rio Vista, CA

Mr. Flaherty performed a hydrogeologic study to determine if the existing groundwater aquifer found within the City limits was capable of providing water for existing and currently planned developments. We assessed the current production of groundwater from the six existing City wells with a determination of the possible increase in the groundwater production that could be supported by the existing water supply system. The chemical compositions and characteristics of the existing water supply wells were tabulated with an evaluation of potential long-term pumping on the quality of the groundwater. Our study also addressed the projected demands for water use from currently planned developments. We found that the groundwater production was increasing by about 6-million gallons a year and that the water was of generally good quality. Recommendations for continued monitoring of the performance, yield and recovery of the pumping wells were provided to allow the City to evaluate the impacts of the increased water demands on the projected development projects.

In April of 2006, Mr. Flaherty provided the City with a progress report for hydrogeologic evaluation of well data for the 2006 rainy season. By this time, he has provided about fourteen months of monitoring services.

Gibbs Ranch, Rio Vista, CA

Mr. Flaherty performed an analysis and evaluation of the water well supply site. The purpose was to evaluate potential water supply well sites and to evaluate the potential percolation rate for the site soils with regarding to a proposed wastewater treatment plant, and to provide a preliminary pavement design.

Allendale Road Project Site, Vacaville, CA

Mr. Flaherty provided hydrogeologic consultation services during the preplanning stages for a large-scale residential/commercial development. Services included technical assistance in the development of a groundwater supply at the Allendale Road property. The studies included an evaluation of the groundwater resources and availability, analysis of existing production wells, quantification of the groundwater resource in terms of water quantities, potential well production

and sustainability of supply and long-term water quality. He also assisted in the design of a test well program.

Diablo Country Club, Diablo, CA

Mr. Flaherty evaluated the groundwater availability at the site to determine the locations of the proposed groundwater supply test wells within the golf course area. The scope of work included a review of available technical information regarding geologic and hydrogeologic conditions, a review of available well data within the site vicinity, and a reconnaissance of the golf course property.

5800 Third Street, San Francisco, CA

Mr. Flaherty was the project manager in charge of the due diligence peer review of the environmental assessments and the asbestos-containing material surveys for the 6 acre facility at 5800 Third Street 9 that was formerly a Coca-Cola bottling plant. Mr. Flaherty provided an evaluation of the environmental site conditions and their impacts on the proposed redevelopment of the property. Our services included a review and update of earlier environmental studies prepared for the site and immediate vicinity. Mr. Flaherty provided recommendations as necessary for the collection of additional subsurface soil and groundwater data for the site with regard to potential hazardous materials impacts to the planned site development. Recommendations for an additional asbestos/lead survey of the existing buildings were also provided.

Lee Property, San Mateo, CA

Mr. Flaherty was the project manager in charge of the review of the environmental reports in order to evaluate the current condition of the subject property. The purpose of the review was to determine if the studies provided an adequate understanding of the impacts of the past site utilization and to understand their significance to the current use of the property. The 7,500-square-foot parcel includes an approximately 3,000-square-foot one-story commercial structure with associated paved parking and landscaped areas.