

Site: Oakland 8930
Proj. Rem. Rpt. Bill
1 2 3 4 5 6

C A M B R I A

April 16, 1999

Karen Petryna
Equiva Services LLC
Post Office Box 6249
Carson, California 90749-6249

COPY

Re: **Limited Phase I Environmental Assessment and Sensitive Receptor Survey Report**
Shell-branded Service Station
8930 Bancroft Avenue
Oakland, California
Incident No.: 98995742
SAP Code: 135678



INTRODUCTION

Cambria Environmental Technology, Inc. (Cambria) prepared this report to document the findings of the Limited Phase I Environmental Site Assessment (ESA) and Sensitive Receptor Survey conducted for 8930 Bancroft Avenue, Oakland. The purpose of this assessment was to identify recognized environmental conditions, if any, associated with the site. According to ASTM Practice E 1527-97, Section 1.1.1, the term *recognized environmental conditions* means 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, ground water, or surface water of the property. The assessment was a limited review of the subject property based upon site observations and off-site research.

EXECUTIVE SUMMARY

- The subject property is currently a non-operating Shell-branded gasoline station. The tanks, piping, and dispensers are still in place at the site, however they are not being used at present time. The site has been operated as a gasoline station since approximately 1960.
- As a result of hydrocarbon concentrations in water samples collected from onsite monitoring wells on December 17, 1998, an Unauthorized Release Form (Form 5) was filed with the City of Oakland Fire Department. There are six ground water monitoring wells located on the subject site.

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
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- Review of public agency files identified the subject site as the only environmental incident site within a 1/4-mile radius of the subject site. A former Chevron facility was identified just outside the search radius (0.30 miles).
- A sensitive receptor survey identified 30 wells within a 1/2-mile radius of the subject property.

SCOPE OF WORK



The scope of work associated with this Limited Phase I Environmental Site Assessment was limited to the following tasks:

- Field reconnaissance of the subject site and adjacent properties located within approximately a 1/4-mile radius of the subject site,
- Review of historical city directories at the Oakland Public Library,
- Review of historical aerial photographs of the site and surrounding area,
- Review Sanborn fire insurance maps for the Bancroft/90th Avenue area in Oakland,
- Review of government database information, prepared by Environmental Data Resources, Inc. (EDR), to evaluate sites within ASTM recommended search distances, and
- Evaluation of information gathered and development of this report.

SITE DESCRIPTION

The subject property is located on the northeast corner of Bancroft Avenue and 90th Avenue in Oakland, California (Figure 1). The site is 0.3195 acres (13,900 square feet), and is roughly rectangular in shape. The site is identified by assessor's parcel number 43-4607-14-3. The City of Oakland Zoning Office has zoned the subject site as zoned commercial. Properties surrounding the subject site along Bancroft Avenue and 90th Avenue (on the same block) are zoned residential. Properties directly across Bancroft and 90th Avenues are zoned commercial.

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SITE RECONNAISSANCE

A reconnaissance of the site and a cursory visual inspection of adjacent properties were performed on March 12, 1999. The subject property is bordered by Bancroft Avenue to the southwest, 90th Avenue to the southeast, and residential housing to the northwest and northeast along Bancroft and 90th Avenues. The subject site was a non-operating Shell-branded gasoline station at the time of the site reconnaissance; the station building was being used as a convenience store for the non-operating station. The underground storage tanks (USTs), product piping, and dispensers appeared to be in left in place, however a temporary chain link fence enclosed the dispenser islands. Six ground water monitoring wells are present onsite. No signs of soil staining or potential sources of contamination, such as drums, were observed during the site visit.



A cursory reconnaissance of the surrounding properties revealed an operating automobile body repair shop, Matson's Autobody (Matson's), at 2130 90th Avenue, across the intersection, due south of the subject property. There was a vacant lot directly across Bancroft Avenue, to the west and southwest. Land-use surrounding the site in all directions along Bancroft and 90th Avenues was primarily residential in nature with the exception of Matson's. Properties along 90th Avenue were residential as it climbed up to MacArthur Boulevard to the northeast, with a few stores and businesses at the intersection of MacArthur Boulevard and 90th Avenue (between 0.25 and 0.30 miles from the subject site).

Photographs of the subject property and surrounding properties are included in Appendix A.

SANBORN MAPS

Sanborn fire insurance maps were obtained for the subject site and surrounding areas. Maps dating back to 1912 and extending through 1969 were reviewed to assess historical land use in the area. The following table summarizes the Sanborn map contents.

The 1912 maps shows Blanche Avenue, now called Bancroft Avenue, terminating between 88th and 89th Avenues, south of the subject site. The subject site location and land to the north and south of the site are residential. Almond Avenue appears to lie roughly in the same location as Bancroft Avenue does today to the south of the subject site.

The 1925 map shows Blanche Avenue (Bancroft Avenue) terminating at 90th Avenue. A single-family dwelling and a detached garage occupy the subject site. The map does not cover

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land to the south of 90th Avenue and west of Blanche Avenue. The area to the north and east of the subject site is residential housing, many with detached garages.

The 1949 map indicates that Blanch Avenue has changed to Bancroft Avenue. The map does not cover land to the south of 90th Avenue and west of Bancroft Avenue. The subject site appears to be vacant, and the land to the north and east of the site is residential. There is now a church located to the north of the site, on the same block.

The 1952 map appears identical to the 1949 map; the subject site is vacant, and residential housing exists to the north and east of the subject site. The map does not cover land to the south of 90th Avenue and west of Bancroft Avenue.

In the 1959 Sanborn map, there is a residential building on the subject site, and Bancroft Avenue extends to the southeast past 90th Avenue. The map does not cover land to the south of 90th Avenue and west of Bancroft Avenue.

A gas and oil building occupies the subject site and 8936 Bancroft Avenue in the 1960 Sanborn map. The properties to the north and east of the site are residential. The map does not cover land to the south of 90th Avenue and west of Bancroft Avenue.

As in 1960, the 1968 and 1969 maps show a gas and oil building occupying the subject site. The properties to the north and east of the site are residential. The map does not cover land to the south of 90th Avenue and west of Bancroft Avenue.

OAKLAND PUBLIC LIBRARY

Haines Directories for Oakland were reviewed for the period between 1974 to 1992. City directory addresses were reviewed within a 1/4-mile radius of the subject site. No directories were available for this area before 1974 from the library. Polk Directories for Oakland were not organized by street and could not be referenced for this investigation. The results of the research are summarized in the table below:

Year	Address	Occupant
1992	8930 Bancroft Avenue	Not listed
	8611 Bancroft Avenue	United Key and Lock
	8607 Bancroft Avenue	Arrwa One Stop Market
	8609 Bancroft Avenue	Greta's Salon
	2130 90 th Avenue	Matson's Autobody

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Year	Address	Occupant
	2123 90 th Avenue	No listing
1990	8930 Bancroft Avenue	CBK Shell
	8611 Bancroft Avenue	United Key and Lock
	8607 Bancroft Avenue	Arrwa One Stop Market
	8609 Bancroft Avenue	Greta's Salon
	2130 90 th Avenue	Matson's Autobody
	2123 90 th Avenue	Rowaid Market
1984	8930 Bancroft Avenue	Clarence's Shell service
	8611 Bancroft Avenue	George's Cleaners
	8609 Bancroft Avenue	Kelsie's Velvet Touch
	2102 90 th Avenue	No listing
	2130 90 th Avenue	Matson's Autobody
	2123 90 th Avenue	Rowaid Market
1979	8930 Bancroft Avenue	Britton's Shell Station
	No # Bancroft Avenue	Mobile Service Station Dealer
	8611 Bancroft Avenue	George's Cleaners
	8609 Bancroft Avenue	Lane's Velvet Touch
	2033 90 th Avenue	No listing
	2102 90 th Avenue	J&H Painting
1974	8930 Bancroft Avenue	Curry's Shell Station
	No # Bancroft Avenue	Mobile Service Station Dealer
	8611 Bancroft Avenue	George's Cleaners
	8609 Bancroft Avenue	Corey's House Coiffeurs
	2033 90 th Avenue	B&B Beauty Queen

AERIAL PHOTOGRAPHS

Representative aerial photographs of the site vicinity were review at Pacific Aerial Photos in Oakland, California. Aerial photographs taken in 1953, 1959, 1969, 1973, 1977, 1983, 1988 and 1996 were reviewed.

August 17, 1953


The site appears to be occupied by residential housing. Land surrounding the site is residential or undeveloped. Bancroft Avenue does not appear to cross 90th Avenue. The lot directly across 90th Avenue is vacant. There is a rectangular building on the lot that Matson's now occupies.

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July 7, 1959

The site appears to be occupied by residential housing. Bancroft Avenue now extends past 90th Avenue to the northeast. Land surrounding the site is residential. There is a rectangular building on the lot that Matson's now occupies. There does appear to be a gasoline station at 90th Avenue and MacArthur Boulevard (approximately 0.30 miles uphill from the subject site). There is a house located on the property directly across Bancroft Avenue from the site.

May 2, 1969



The subject site appears to be a gasoline station; the USTs are visible on the northeast side of the property and there does not appear to be a canopy. A rectangular building sits where Matson's is currently located, and there are two square buildings adjacent to this building (to the south and southwest). The properties surrounding the subject site are residential. There is a house located on the property directly across Bancroft Avenue from the site.

April 18, 1973

The subject site is a gasoline station, configured with the USTs on the northeast side of the site. The station does not have a visible canopy. The surrounding properties are residential. A rectangular building sits where Matson's is currently located, and two square buildings are present adjacent to this building (to the south and southwest). A gasoline station appears to be present at 90th Avenue and MacArthur Boulevard (approximately 0.30 miles uphill from the subject site).

July 7, 1977

The subject site is a gasoline station, configured with the USTs on the northeast side of the site. The surrounding properties are residential. A rectangular building sits where Matson's is currently located, and there are two square buildings adjacent to this building (to the south and southwest). There does appear to be a gasoline station at 90th Avenue and MacArthur Boulevard (approximately 0.30 miles uphill from the subject site).

June 21, 1983

The subject site is a gasoline station, configured with the USTs on the northeast side of the site. The surrounding properties are residential. A rectangular building sits where Matson's is


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currently located, and there are two square buildings adjacent to this building (to the south and southwest). There is a house located on the property directly across Bancroft Avenue.

March 30, 1988

The site is a gasoline station, however the USTs are now located on the southeast side of the site and a canopy is now in place (this is the current orientation of the site). The property directly across Bancroft Avenue is vacant.

November 29, 1994



The site is a gasoline station configured as it was in 1988. The building housing Matson's is apparent, however, the adjacent square buildings no longer exist. The property across the street from the subject site is vacant along Bancroft Avenue, between 89th and 90th Avenues. There appears to be a service station at the corner of 90th Avenue and MacArthur Boulevard, and there are buildings that resemble apartment buildings to the south of this station (along MacArthur, approximately 0.30 miles from the subject site).

August 16, 1996

The site is a gasoline station-the USTs, station building, and canopy are in their existing locations. Properties surrounding the subject site continue to be residential. The building housing Matson's is apparent. The property across the street from the subject site is vacant along Bancroft Avenue, between 89th and 90th Avenues. There is no longer a service station at the corner of 90th Avenue and MacArthur Boulevard, and land surrounding this former station is vacant to the west and south (approximately 0.30 miles uphill from the subject site).

ENVIRONMENTAL DATA RESOURCES, INC. DATABASE

Cambria reviewed available government database information, prepared by Environmental Data Resources, Inc. (EDR), to evaluate both the subject property and any listed sites within ASTM recommended search distances that could potentially impact the subject property.

The subject site was listed in five databases searched by EDR. There were no wells identified in the 1/4-mile radius surrounding the subject property. Three sites were found in EDR's search of available government records within a 1/4-mile radius around the subject property. The sites

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identified in the EDR report as the subject site, Matson's at 2130 90th Avenue, and an apartment building at 2341 90th Avenue.

The non-operating Shell-branded service station located at 8930 Bancroft Avenue is listed on five databases searched by EDR. The site is a registered small quantity generator of classified hazardous substances as defined by the Resource Conservation and Recovery Act (RCRA). An Unauthorized Release Form was filed for this site on December 23, 1998, however the site is not listed on the Listed Underground Storage Tank (LUST) list by the EDR report. This omission is probably due to the recent filing of the Form 5; the associated databases have yet to be updated.



The Matson's Autobody site is located within an 1/8-mile northeast of the subject site on the southwest corner of Bancroft and 90th Avenues (see Vicinity Map). The site is listed on HAZNET database (a site which generates hazardous waste under manifest), and is a registered small quantity generator of classified hazardous substances as defined RCRA.

The EDR report also identified an apartment building at 2341 90th Avenue on the HAZNET database. It appears that asbestos waste was previously transported from this site to a treatment, storage, and disposal facility. No other information regarding the site was available.

A former Chevron USA Inc. Service Station at 9001 MacArthur Boulevard at 90th Avenue, is located approximately 0.30 miles uphill from the subject property. The site is currently vacant, and has been vacant since sometime in 1994 or 1995.

A copy of the environmental database report is presented in Appendix B.

SENSITIVE RECEPTOR SURVEY

Cambria conducted a Sensitive Receptor Survey (SRS) to identify wells and surface water bodies within a 1/2-mile radius of the subject property using well records obtained from the California Department of Water Resources (DWR). The survey identified 30 wells of various types within 1/2-mile of the subject property. The results of the SRS are plotted in Figure 2 and summarized in Appendix C. The only identified surface water within the 1/2-mile radius was Viejo Creek, located approximately 1/2-mile to the north of the subject property.

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SUMMARY

The subject site is currently a non-operating Shell-branded gasoline station. The site was used for residential housing before it was converted to a gasoline station in approximately 1960.

The subject property is the only environmental incident within a ¼-mile radius of the site. An Unauthorized Release Form was filed for the subject property on December 23, 1998, and quarterly ground water monitoring will resume during the 1st quarter 1999.

A former Chevron facility was identified approximately 0.30 miles from the subject property, just outside the ¼-mile study radius.

Other than the subject site, a review of historical city directories did not identify any facilities within a ¼-mile radius which have a reasonable potential to impact soil and/or ground water quality beneath the subject property.

CLOSING

Please contact Michael Paves at (510) 420-3332 if you have any questions regarding this report.



Sincerely,

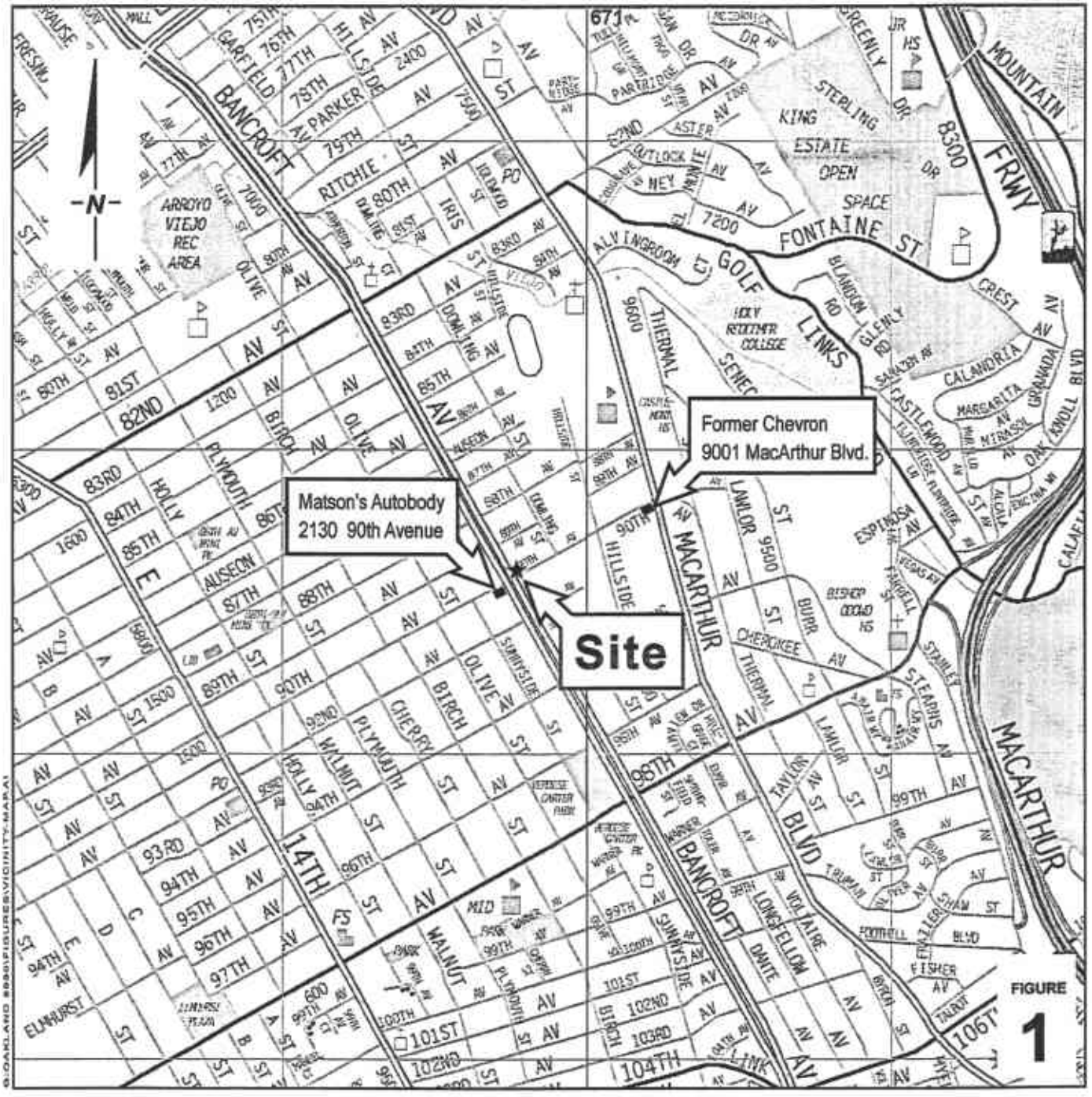
Cambria Environmental Technology, Inc.



Michael B. Paves, P.E.
Project Engineer

Diane M. Lundquist, P.E.
Principal Engineer

Appendices: A – Site Reconnaissance Photo Log
 B – EDR Database Report
 C – Sensitive Receptor Survey Table



SCALE 1:1/4 0 1/8 1/4 1/2 1 MILES

FIGURE 1

Shell-branded Service Station
 8930 Bancroft Avenue
 Oakland, California



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Vicinity Map



Shell-branded Service Station

8930 Bancroft Avenue
Oakland, California



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Well Survey Map

(1/2 Mile Radius)

APPENDIX A

Site Reconnaissance Photo Log

Photo Log
8930 Bancroft Avenue
Oakland, California



Photo No. 1: Looking east up 90th Avenue at property, toward MacArthur Blvd. and hills, residential housing surrounds the site.

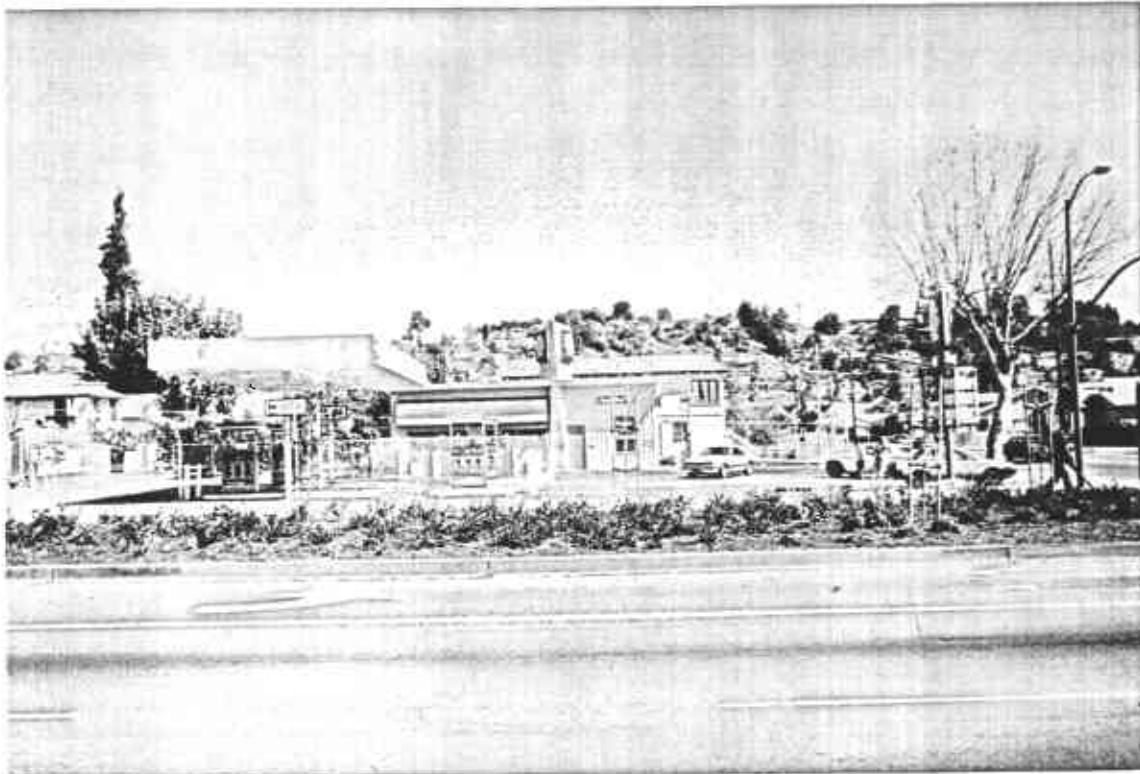


Photo No. 2: Looking east at subject property across Bancroft Ave. from vacant lot.

Photo Log
8930 Bancroft Avenue
Oakland, California

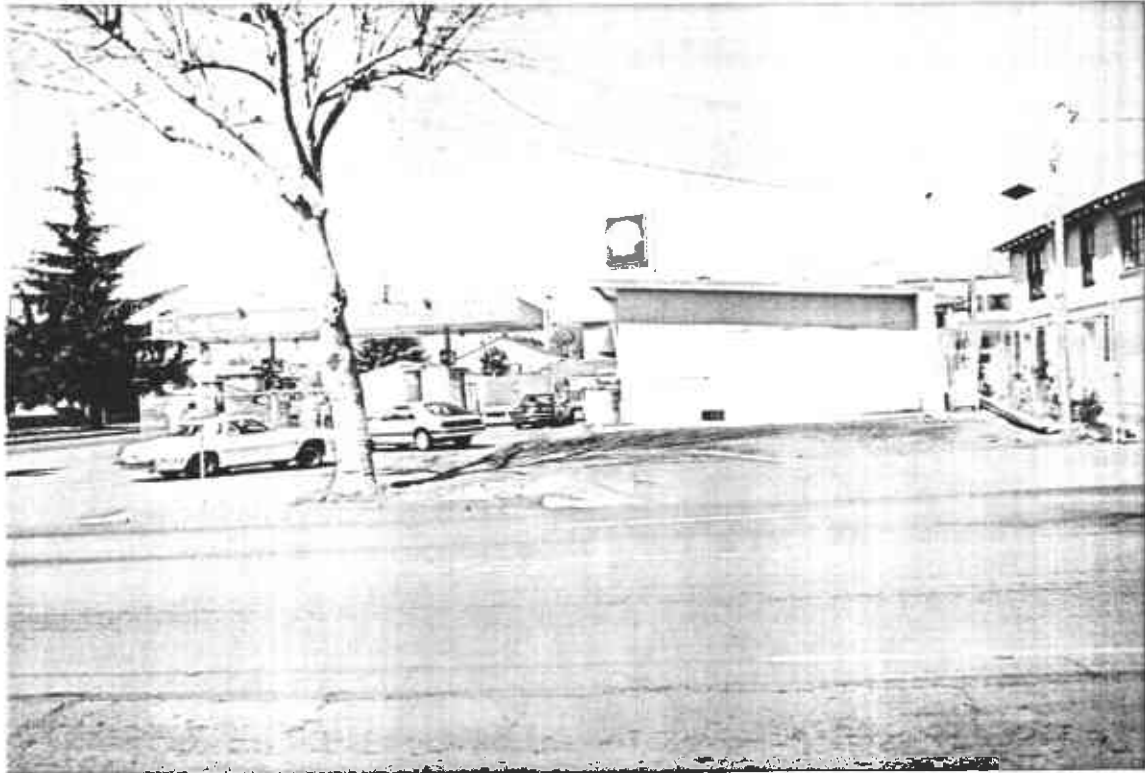


Photo No. 3: Looking northwest at subject property across 90th Avenue.



Photo No. 4: Looking north from Matson's Autobody at subject property,
across intersection of Bancroft and 90th Avenues.

**Photo Log
8930 Bancroft Avenue
Oakland, California**



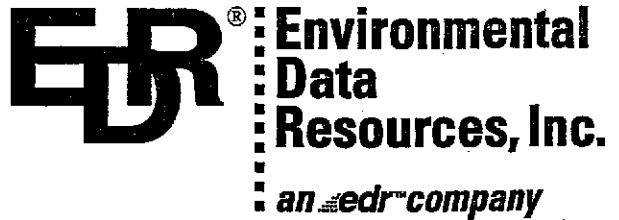
Photo No. 5: Looking northeast at the subject property, UST slab visible in center of photo.



Photo No. 6: Looking south from subject property, Matson's Autobody in the distance, across the intersection.

APPENDIX B

EDR Database Report



The EDR-Radius Map with GeoCheck[®]

**Equilon
8930 Bancroft Ave.
Oakland, CA 94605**

Inquiry Number: 0343318.1r

March 02, 1999

***The Source* For Environmental Risk Management Data**

**3530 Post Road
Southport, Connecticut 06490**

Nationwide Customer Service

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

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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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

8930 BANCROFT AVE.
OAKLAND, CA 94605

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

NPL:..... National Priority List
 Deltisted NPL:..... NPL Deletions
 RCRIS-TSD:..... Resource Conservation and Recovery Information System
 AWP:..... AWP
 Toxic Pits:..... Toxic Pits
 CERC-NFRAP:..... Comprehensive Environmental Response, Compensation, and Liability Information System
 SWF/LF:..... State Landfill
 AST:..... Aboveground Petroleum Storage Tank Facilities
 RAATS:..... RCRA Administrative Action Tracking System
 WMUDS:..... WMUDS/SWAT
 RCRIS-LQG:..... Resource Conservation and Recovery Information System
 HMIRS:..... Hazardous Materials Information Reporting System
 PADS:..... PCB Activity Database System
 ERNS:..... Emergency Response Notification System
 TRIS:..... Toxic Chemical Release Inventory System
 TSCA:..... Toxic Substances Control Act
 MLTS:..... Material Licensing Tracking System
 NPL Lien:..... NPL Liens
 CA SLIC:..... CA SLIC regions.
 Ca. BEP:..... CA Bond Exp. Plan
 ROD:..... ROD
 CONSENT:..... Superfund (CERCLA) Consent Decrees
 Ca. WDS:..... CA WDS
 S Bay Reg. 2:..... South Bay Region 2
 Coal Gas:..... Former Manufactured gas (Coal Gas) Sites.

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

Search Results:

Search results for the subject property and the search radius, are listed below:

Subject Property:

The subject property was identified in the following government records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SID'S BANCROFT SHELL 8930 BANCROFT AVE OAKLAND, CA 94605	UST	N/A

EXECUTIVE SUMMARY

SHELL STA #204-5508-1305
8930 BANCROFT
OAKLAND, CA 94605

RCRIS-SQG
FINDS

CAD981402985

CLARENCE FRAZIER SHELL
8930 BANCOFF AVE
OAKLAND, CA 94605

UST

N/A

BOPH KUNWAR
8930 BANCROFT AVE
OAKLAND, CA 94605

Ca. FID

N/A

EXECUTIVE SUMMARY

Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VERDESE CARTER PARK	98TH / BANCROFT AVENU	1/4 - 1/2 SSE	C14	17
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
K & L PLATING	981/989/995 89TH AVENUE	1/2 - 1 WSW	F28	40

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

A review of the Notify 65 list, as provided by EDR, has revealed that there is 1 Notify 65 site within approximately 1 mile of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARCO SERVICE STATION NO. 2185	9800 EAST 14TH STREET	1/2 - 1 SSW	22	29

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

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 7 CHMIRS sites within approximately 1 mile of the subject property.

close!

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2445 94TH AVENUE	1/4 - 1/2 ESE	8	11
Not reported	2495 94TH AVENUE	1/4 - 1/2 ESE	10	15
Not reported	F/O 7858 BANCRAFT AVENU	1/2 - 1 NNW	21	29
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	9800 E 14TH ST	1/2 - 1 SSW	D19	28
Not reported	995 89TH AVENUE	1/2 - 1 WSW	E27	40
Not reported	8630 E ST.	1/2 - 1 WSW	G29	41
Not reported	8615 E STREET	1/2 - 1 WSW	G30	41

EXECUTIVE SUMMARY

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 7 Cortese sites within approximately 1 mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BP MOBIL	2220 98TH AVE	1/4 - 1/2 SSE	C16	19
ARCO	2740 98TH AVE	1/2 - 1 ESE	18	25
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARCO	9800 INTERNATIONAL BLVD	1/2 - 1 SSW	D20	29
TEXACO INDEPENDENT	8124 INTERNATIONAL BLVD	1/2 - 1 W	23	29
RODRIGUES MANUEL PROPERTY	1009 89TH AVE	1/2 - 1 WSW	E25	34
LIDELL IRON CRAFT	1000 90TH AVE	1/2 - 1 WSW	26	37
FIESTA BEVERAGE	966 89TH AVE	1/2 - 1 WSW	F31	41

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 11/10/1998 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VERDESE CARTER PARK	95TH AVE & SUNNYSIDE	1/4 - 1/2 SSE	11	15

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 12/01/1998 has revealed that there is 1 CORRACTS site within approximately 1 mile of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONTINENTAL PLATING COMANY INC	995 89TH AVE	1/2 - 1 WSW	E24	31

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 08/01/1998 has revealed that there are 6 LUST sites within approximately 0.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON USA INC SERV STA #9389	9001 MACARTHUR BLVD	1/4 - 1/2 ENE	9	12

Close

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL STATION #4710	9780 BANCROFT AVE	1/4 - 1/2 SSE	C12	16
UNOCAL SERVICE STATION #4710	9780 BANCROFT AVE	1/4 - 1/2 SSE	C13	16
BP OIL COMPANY FACILITY #11133	2220 98TH AVE	1/4 - 1/2 SSE	C15	18
BP MOBIL	2220 98TH AVE	1/4 - 1/2 SSE	C16	19
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL	8925 HOLLY ST	1/4 - 1/2 WSW	17	21

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 3 HAZNET sites within approximately 0.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MATSON'S	2130 90TH AVE	0 - 1/8 SW	B5	10
MATSON'S	2130 90TH AVE	0 - 1/8 SW	B6	10
1X 2341 90TH AVE.	2341 90TH AVE.	0 - 1/8 ENE	7	11

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

A review of the RCRIS-SQG list, as provided by EDR, and dated 10/01/1998 has revealed that there is 1 RCRIS-SQG site within approximately 0.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MATSON'S	2130 90TH AVE	0 - 1/8 SW	B6	10

EXECUTIVE SUMMARY

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

Site Name

K & L PLATING
DALY CITY CITY OF
UNION PACIFIC RAILROAD
ABLE METAL PLATING

Database(s)

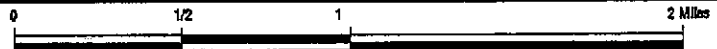
Cal-Sites
LUST
S Bay Reg. 2,LUST
RCRIS-LQG

TOPOGRAPHIC MAP - 0343318.1r - Cambria Environmental-Oakland



- Major Roads
- Contour Lines
- Waterways
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Closest Federal Well in quadrant
- Closest State Well in quadrant
- Closest Public Water Supply Well

- Closest Hydrogeological Data
- Oil, gas or related wells



TARGET PROPERTY: Equilon
ADDRESS: 8930 Bancroft Ave.
CITY/STATE/ZIP: Oakland CA 94605
LAT/LONG: 37.7534 / 122.1649

CUSTOMER: Cambria Environmental-Oakland
CONTACT: Mike Paves
INQUIRY #: 0343318.1r
DATE: March 02, 1999 10:51 am

11/11/98 11:00 AM

GEOCHECK VERSION 2.1 SUMMARY

TARGET PROPERTY COORDINATES

Latitude (North): 37.753399 - 37° 45' 12.2"
 Longitude (West): 122.164902 - 122° 9' 53.6"
 Universal Transverse Mercator: Zone 10
 UTM X (Meters): 573566.9
 UTM Y (Meters): 4178578.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2437122-G2 OAKLAND EAST, CA .

GEOLOGIC AGE IDENTIFICATION†

Geologic Code: Q
 Era: Cenozoic
 System: Quaternary
 Series: Quaternary

ROCK STRATIGRAPHIC UNIT†

Category: Stratified Sequence

GROUNDWATER FLOW 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, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡

AQUIFLOW™** Search Radius: 2.000 Miles

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

General Topographic Gradient at Target Property: General WSW
 General Hydrogeologic Gradient at Target Property: No hydrogeologic data available.
 Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
 Location Relative to TP: 1/4 - 1/2 Mile SSE
 Site Name: Verdese Carter Park
 Site EPA ID Number: CAD980496913
 Groundwater Flow Direction: W TOWARD SAN FRANCISCO BAY.
 Measured Depth to Water: 25 feet to 42 feet in the vicinity of the site.
 Hydraulic Connection: Information is not available regarding the hydraulic connection between aquifers underlying the site.
 Sole Source Aquifer: No information about a sole source aquifer is available
 Data Quality: Information is inferred in the CERCLIS investigation report(s)

FEDERAL DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>	<u>LITHOLOGY</u>	<u>DEPTH TO WATER TABLE</u>
NO WELLS FOUND			

* ©1998 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.
 † Source: P.G. Schuber, 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 (1984).
 ‡ U.S. EPA Ground Water Handbook, Vol I: Ground Water and Contamination, Office of Research and development EPA/625/6-90/016a, Chapter 4, page 79, September 1990.
 ** EDR AQUIFLOW™ Information System of hydrogeologically determined groundwater flow directions at specific locations. See the data pages at the end of this report for a complete description.

GEOCHECK VERSION 2.1 SUMMARY

STATE DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>
Northern	1 - 2 Miles
Eastern	>2 Miles
Southern	>2 Miles

STATE OIL/GAS WELL INFORMATION

<u>API #</u>	<u>DISTANCE FROM TP</u>
NO WELLS FOUND	

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

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

PWS Name: EBRPD - GARIN REGIONAL PARK
OAKLAND, CA 946050381

Location Relative to TP: 1 - 2 Miles North

PWS currently has or has had major violation(s): No

AREA RADON INFORMATION

EPA Radon Zone for ALAMEDA County: 2

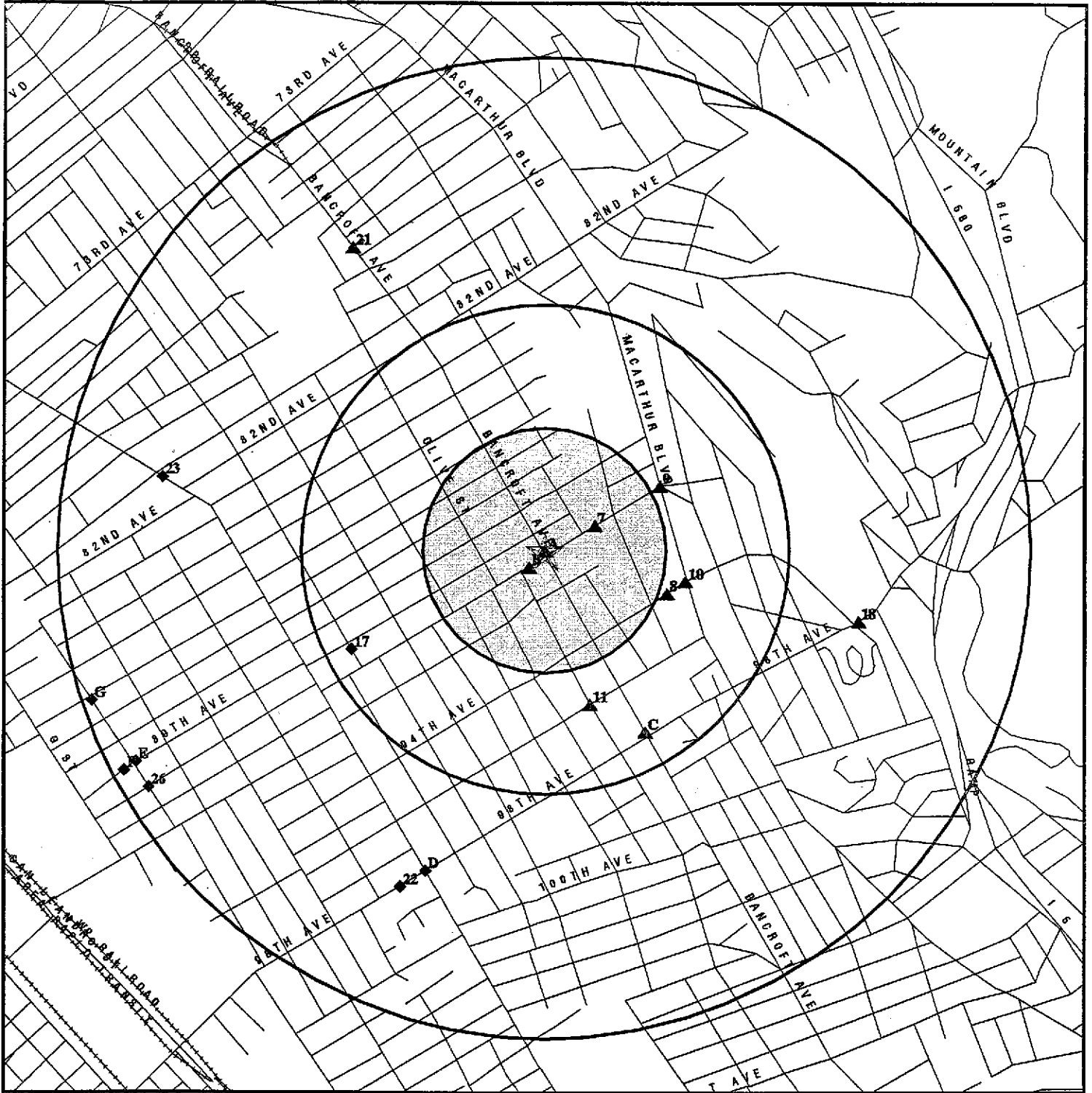
Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.



Zip Code: 94605



Number of sites tested: 2

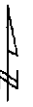
<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	-0.250 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

OVERVIEW MAP - 0343318.1r - Cambria Environmental-Oakland



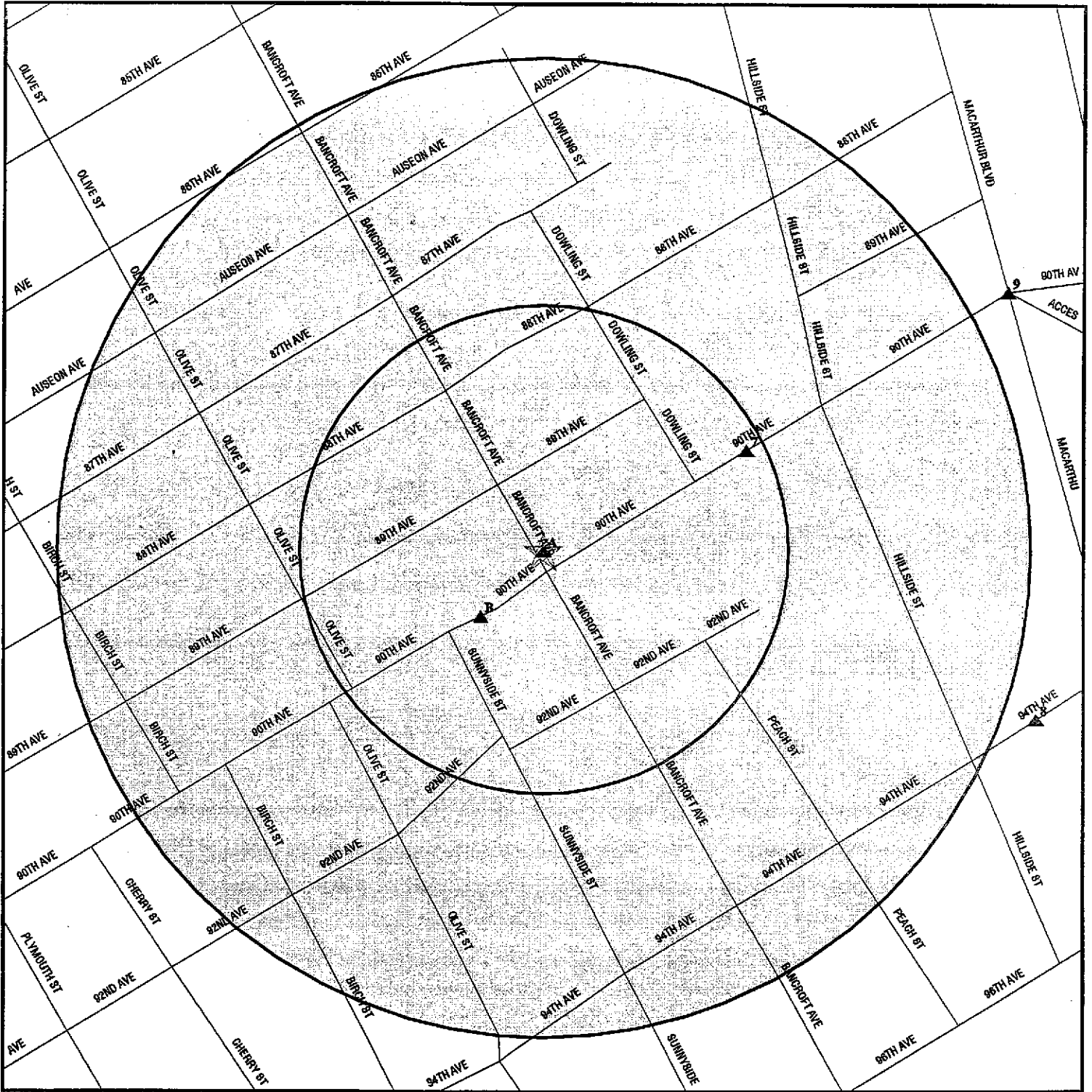
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
-  National Priority List Sites
-  Landfill Sites

-  Power transmission lines
-  Oil & Gas pipelines



TARGET PROPERTY:	Equilon	CUSTOMER:	Cambria Environmental-Oakland
ADDRESS:	8930 Bancroft Ave.	CONTACT:	Mike Paves
CITY/STATE/ZIP:	Oakland CA 94605	INQUIRY #:	0343318.1r
LAT/LONG:	37.7534 / 122.1649	DATE:	March 02, 1999 10:49 am

DETAIL MAP - 0343318.1r - Cambria Environmental-Oakland



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ⊞ Sensitive Receptors
- ▨ National Priority List Sites
- ▨ Landfill Sites



- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines



TARGET PROPERTY: Equilon
 ADDRESS: 8930 Bancroft Ave.
 CITY/STATE/ZIP: Oakland CA 94605
 LAT/LONG: 37.7534 / 122.1649

CUSTOMER: Cambria Environmental-Oakland
 CONTACT: Mika Pavas
 INQUIRY #: 0343318.1r
 DATE: March 02, 1999 10:50 am

MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	1	1	NR	2
Notify 65		1.000	0	0	0	1	NR	1
CHMIRS		1.000	0	0	2	5	NR	7
Cortese		1.000	0	0	1	6	NR	7
Toxic Pits		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	1	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	6	NR	NR	6
UST	X	0.250	0	0	NR	NR	NR	0
CA FID	X	0.250	0	0	NR	NR	NR	0
AST		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
HAZNET		0.250	3	0	NR	NR	NR	3
RCRIS Sm. Quan. Gen.	X	0.250	1	0	NR	NR	NR	1
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
South Bay Region 2		TP	NR	NR	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

**MAP FINDINGS SUMMARY SHOWING
ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	1	0	NR	1
Notify 65		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	2	1	NR	3
Cortese		1.000	0	0	1	1	NR	2
Toxic Pits		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	5	NR	NR	5
UST	X	0.250	0	0	NR	NR	NR	0
CA FID	X	0.250	0	0	NR	NR	NR	0
AST		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
HAZNET		0.250	3	0	NR	NR	NR	3
RCRIS Sm. Quan. Gen.	X	0.250	1	0	NR	NR	NR	1
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
South Bay Region 2		TP	NR	NR	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

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

A3	SID'S BANCROFT SHELL	UST	U003300941
Target	8930 BANCROFT AVE		N/A
Property	OAKLAND, CA 94605		

A4	SHELL STA #204-5508-1305	RCRIS-SQG	1000288702
Target	8930 BANCROFT	FINDS	CAD981402985
Property	OAKLAND, CA 94605		

RCRIS:
 Contact: SONDRA BIENVENU
 (713) 241-2258
 Record Date: 04/08/1998
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 Violation Status: No violations found

A1	CLARENCE FRAZIER SHELL	UST	U001599086
Target	8930 BANCROFT AVE		N/A
Property	OAKLAND, CA 94605		

State UST:

Facility ID: 9524	Container Num: 1
Tank Num: 1	Year Installed: 1920
Tank Capacity: 8000	Tank Constrcn: 1/4 inches
Tank Used for: PRODUCT	Telephone: (415) 568-2498
Type of Fuel: REGULAR	Region: Not reported
Leak Detection: Stock Inventor	Other Type: Not reported
Contact Name: CLARENCE FRAZIER	
Total Tanks: 4	
Facility Type: 1	

Facility ID: 9524	Container Num: 2
Tank Num: 2	Year Installed: 1970
Tank Capacity: 5000	Tank Constrcn: 1/4 inches
Tank Used for: PRODUCT	Telephone: (415) 568-2498
Type of Fuel: UNLEADED	Region: Not reported
Leak Detection: Stock Inventor	Other Type: Not reported
Contact Name: CLARENCE FRAZIER	
Total Tanks: 4	
Facility Type: 1	

Facility ID: 9524	Container Num: 3
Tank Num: 3	Year Installed: 1970
Tank Capacity: 5000	Tank Constrcn: 1/4 inches
Tank Used for: PRODUCT	Telephone: (415) 568-2498
Type of Fuel: PREMIUM	Region: Not reported
Leak Detection: Stock Inventor	Other Type: Not reported
Contact Name: CLARENCE FRAZIER	
Total Tanks: 4	
Facility Type: 1	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CLARENCE FRAZIER SHELL (Continued)

U001599086

Facility ID:	9524	Container Num:	4
Tank Num:	4	Year Installed:	1970
Tank Capacity:	5000	Tank Constrcn:	1/4 inches
Tank Used for:	PRODUCT	Telephone:	(415) 568-2498
Type of Fuel:	PREMIUM	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	CLARENCE FRAZIER		
Total Tanks:	4		
Facility Type:	1		

**A2
 Target
 Property**

**BOPH KUNWAR
 8930 BANCROFT AVE
 OAKLAND, CA 94605**

Ca. FID

**S101580355
 N/A**

FID:

Facility ID:	01002572	Regulate ID:	00009524
Reg By:	Active Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(415) 568-2498
Status:	Active	Contact Tel:	Not reported
Mail To:	Not reported	NPDES No:	Not reported
	P O BOX	Modified:	00/00/00
	OAKLAND, CA 94605		
Contact:	Not reported		
DUNs No:	Not reported		
Creation:	10/22/93		
EPA ID:	Not reported		
Comments:	Not reported		

**B5
 SW
 < 1/8
 245
 Higher**

**MATSON'S
 2130 90TH AVE
 OAKLAND, CA 94603**

HAZNET

**S100939717
 N/A**

**B6
 SW
 < 1/8
 245
 Higher**

**MATSON'S
 2130 90TH AVE
 OAKLAND, CA 94603**

**RCRIS-SQG
 FINDS
 HAZNET**

**1000385176
 CAD981420938**

RCRIS:

Owner: MATSONS ENTERPRISES INC
 (415) 555-1212

Contact: ENVIRONMENTAL MANAGER
 (415) 568-7558

Record Date: 06/19/1986

Classification: Small Quantity Generator

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MATSON'S (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000385176

Used Oil Recyc: No
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 - Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

HAZNET:

Year:	Not reported	Tepaid:	CAD009452657
Gepaid:	CAD981420938	Telephone:	Not reported
Contact:	Not reported	Tons:	336
Gen County:	Not reported		
Tsd Name:	ROMIC CHEMICAL CORP		
Tsd Address:	2081 BAY RD PALO ALTO		
Tsd County:	Santa Clara		
Mailing Address:	Not reported		
Category:	214		
Disposal Method:	R01		

7
 ENE
 < 1/8
 610
 Higher

1X 2341 90TH AVE.
 2341 90TH AVE.
 OAKLAND, CA 94603

HAZNET

S100849026
 N/A

HAZNET:

Year:	Not reported	Tepaid:	CAL000027741
Gepaid:	CAC000834936	Telephone:	Not reported
Contact:	Not reported	Tons:	168
Gen County:	Not reported		
Tsd Name:	CALIFORNIA ASBESTOS MONOFILL		
Tsd Address:	O'BYRNES FERRY RD COPPEROPOLIS		
Tsd County:	Calaveras		
Mailing Address:	Not reported		
Category:	151		
Disposal Method:	D80		

8
 ESE
 1/4-1/2
 1410
 Higher

2445 94TH AVENUE
 OAKLAND, CA 94603

CHMIRS

S100276540
 N/A

CHMIRS:

OES Control Number:	9100009	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	NON HAZARD		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	0
Environmental Contamination:	None Reported	Property Use:	Residential
Incident Date:	26-JAN-91	Date Completed:	26-JAN-91

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

9
 ENE
 1/4-1/2
 1435
 Higher

CHEVRON USA INC SERV STA #93899
9001 MACARTHUR BLVD
OAKLAND, CA 94605

RCRIS-SQG 1000434503
FINDS CAT080031594
LUST

RCRIS:

Owner: CHEVRON USA INC
 (415) 555-1212

Contact: ENVIRONMENTAL MANAGER
 (415) 638-3434

Record Date: 03/27/1981

Classification: Hazardous Waste Transporter

Used Oil Recyc: No

Violation Status: No violations found

LUST Region 2:

File Number:	01-0387	Lat/Long:	37.8144220 / -122.2770750
Region:	2	Record Number:	2781
Entered Date:	11/06/1989	Last Review:	12/15/1997
Correspondence:	11/26/1997	Report Date:	10/04/1984
Case Number:	289	Staff Initial:	CTH
How Discovered:	Tank Closure	Discovered Date:	10/04/1984
How Stopped:	Close Tank	Stopped Date:	10/04/1984
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Signed off, remedial action completed or deemed unnecessary		
Notify:	Not reported		
Update Status:	Not reported		
Review Status:	Not reported		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Gasoline		
Secondary Substance:	Waste Oil		
Maximum Soil Concentration:	1620		
Maximum Groundwater Impact:	Free product in the well		
Current Benzene in Groundwater:	310		
Maximum Benzene Concentration:	310		
Nuber of Wells:	6		
Depth to Groundwater:	9		
MTBE Contamination Level:	Not reported		
Maximum MTBE:	Not reported		
Interim Remediation:	Yes		
Interim Remediation Date:	10/10/1984		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	1		
Enforcement Date:	03/13/1992		
Responsible Party Search:	Solvent - Identified and financially capable of performing work.		
Funding:	Federal		
Date Status Was First Assigned - The following dates are assigned as the status progresses:			
Leak Confirmed:	03/13/1992		
Workplan Submitted:	Not reported		
Assessment Underway:	10/10/1984		
Pollution Characterization:	09/22/1988		
Corrective Action Plan:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CHEVRON USA INC SERV STA #93899 (Continued)

1000434503

Enforcement Action Date: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 12/15/1997
Abatement: Excavate and Treat soil. (e.g. aeration, biodegradation, etc.)
Comments: LOP UPDATE--10/21/93 REQ. CASE CLOSURE 7/18/97...CLOSED 11/26/97

File Number: 01-2260 Lat/Long: 0.0000000 / 0.0000000
Region: 2 Record Number: 0
Entered Date: 12/17/1997 Last Review: 03/16/1998
Correspondence: 10/24/1997 Report Date: 02/19/1997
Case Number: 3644 Staff Initial: CTH
How Discovered: Other Means Discovered Date: 02/18/1997
How Stopped: Other Means Stopped Date: 02/18/1997
Leak Source: Other Source Leak Cause: Unknown
Facility Status: Pollution characterization
Notify: 0
Update Status: Not reported
Review Status: Not reported
Priority: Not reported
Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley
Case Type: Other ground water or surface water is affected or threatened
Primary Substance: Gasoline
Secondary Substance: Diesel
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 13000
Current Benzene in Groundwater: 360
Maximum Benzene Concentration: 790
Nuber of Wells: 3
Depth to Groundwater: 24.9
MTBE Contamination Level: 1500
Maximum MTBE: 0
Interim Remediation: Not reported
Interim Remediation Date: Not reported
Lead Agency: Local Agency
Case List: FUEL
Enforcement Type: Not reported
Enforcement Date: Not reported
Responsible Party Search: Not reported
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: Not reported
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: 12/17/1997
Corrective Action Plan: Not reported
Enforcement Action Date: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: Not reported

File Number: 01-2263 Lat/Long: 0.0000000 / 0.0000000
Region: 2 Record Number: 0
Entered Date: 12/19/1997 Last Review: 12/19/1997
Correspondence: 10/24/1997 Report Date: 10/24/1997
Case Number: 3961 Staff Initial: CTH
How Discovered: Other Means Discovered Date: .08/28/1996

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON USA INC SERV STA #93899 (Continued)

1000434503

How Stopped: Repair Piping Stopped Date: 08/28/1996
Leak Source: Piping Leak Cause: Unknown
Facility Status: Leak being confirmed
Notify: Not reported
Update Status: Not reported
Review Status: Not reported
Priority: Not reported
Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley
Case Type: There is insufficient data or information to determine whether groundwater and/or soil has been impacted.

Primary Substance: Gasoline
Secondary Substance: Not reported
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
Current Benzene in Groundwater: 0
Maximum Benzene Concentration: 0
Nuber of Wells: Not reported
Depth to Groundwater: Not reported
MTBE Contamination Level: 0
Maximum MTBE: 0
Interim Remediation: Not reported
Interim Remediation Date: Not reported
Lead Agency: Local Agency
Case List: FUEL
Enforcement Type: Not reported
Enforcement Date: Not reported
Responsible Party Search: Not reported
Funding: Federal

Date Status Was First Assigned - The following dates are assigned as the status progresses:

Leak Confirmed: 12/19/1997
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Enforcement Action Date: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: Not reported

File Number: 01-2277 Lat/Long: 0.0000000 / 0.0000000
Region: 2 Record Number: 0
Entered Date: 03/10/1998 Last Review: 03/10/1998
Correspondence: 10/24/1997 Report Date: 06/18/1997
Case Number: 871 Staff Initial: CTH
How Discovered: Subsurface Monitoring Discovered Date: 06/18/1997
How Stopped: Other Means Stopped Date: Not reported
Leak Source: Unknown Leak Cause: Unknown
Facility Status: Preliminary site assessment workplan submitted
Notify: 0
Update Status: New case entered into the LUSTIS database which will be included in the FUELS bi-monthly update
Review Status: Not reported
Priority: Not reported
Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley
Case Type: Other ground water or surface water is affected or threatened
Primary Substance: Gasoline
Secondary Substance: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON USA INC SERV STA #93899 (Continued)

1000434503

Maximum Soil Concentration: 0
 Maximum Groundwater Impact: 2700
 Current Benzene in Groundwater: 120
 Maximum Benzene Concentration: 120
 Nuber of Wells: 0
 Depth to Groundwater: 83.8
 MTBE Contamination Level: 1200
 Maximum MTBE: 0
 Interim Remediation: Not reported
 Interim Remediation Date: Not reported
 Lead Agency: Local Agency
 Case List: FUEL
 Enforcement Type: Not reported
 Enforcement Date: Not reported
 Responsible Party Search: Not reported
 Funding: Not reported
 Date Status Was First Assigned - The following dates are assigned as the status progresses:
 Leak Confirmed: Not reported
 Workplan Submitted: 03/10/1998
 Assessment Underway: Not reported
 Pollution Characterization: Not reported
 Corrective Action Plan: Not reported
 Enforcement Action Date: Not reported
 Remediation Underway: Not reported
 Monitoring Begun: Not reported
 Case Closed: Not reported

10
 ESE
 1/4-1/2
 1567
 Higher

2495 94TH AVENUE
 OAKLAND, CA 94603

CHMIRS S100276805
 N/A

CHMIRS:

OES Control Number: 9100535 DOT ID: Not reported
 DOT Hazard Class: Not Reported
 Chemical Name: ACID NOS
 Extent of Release: Not reported
 CAS Number: Not reported Quantity Released: 0
 Environmental Contamination: None Reported Property Use: Residential
 Incident Date: 19-JUN-91 Date Completed: 19-JUN-91

11
 SSE
 1/4-1/2
 1739
 Higher

VERDESE CARTER PARK
 96TH AVE & SUNNYSIDE
 E OAKLAND, CA 94603

CERCLIS 1000188594
 FINDS CAD980496913

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Ownership Status:	Unknown	NPL Status:	Not on the NPL
Contact:	Elizabeth Adams	Contact Tel:	(415) 744-2235
Contact:	Philip Armstrong	Contact Tel:	Not reported
Contact:	ANN FICHER	Contact Tel:	(415) 744-2321
Contact:	Three Guest	Contact Tel:	Not reported
Contact:	Loren Henning	Contact Tel:	(415) 744-2235

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

VERDESE CARTER PARK (Continued)

EDR ID Number
 EPA ID Number

1000188594

Contact:	John Kemmerer	Contact Tel:	Not reported
Contact:	Matthew Mitguard	Contact Tel:	Not reported
CERCLIS Assessment History:			
Assessment:	DISCOVERY	Completed:	19780501
Assessment:	PRELIMINARY ASSESSMENT	Completed:	19850301
Assessment:	ADMINISTRATIVE RECORDS	Completed:	19950929
Assessment:	IAG NEGOTIATIONS	Completed:	19950929
Assessment:	IAG NEGOTIATIONS	Completed:	19951005
Assessment:	REMOVAL NEGOTIATIONS	Completed:	19960111
Assessment:	PRP REMOVAL	Completed:	Not reported
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	Not reported
Assessment:	PRP REMOVAL	Completed:	Not reported
Assessment:	ESI/RI	Completed:	Not reported
Assessment:	SITE INSPECTION	Completed:	Not reported
Assessment:	GENERAL SUPP/MGT	Completed:	Not reported
CERCLIS Site Status: Not reported			
CERCLIS Alias Name(s): CARTER PARK			

C12
 SSE
 1/4-1/2
 2248
 Higher

UNOCAL STATION #4710
9780 BANCROFT AVE
OAKLAND, CA

LUST

S102440410
 N/A

LUST Alameda County:
 Region: ALAMEDA
 Case Closed: 07/12/1994
 Priority: HIGH/Fast Action/RP Clos Reqst
 State ID: 4270
 Status: Inactive
 Substance: Gasoline
 Date Reported: 19870320

C13
 SSE
 1/4-1/2
 2248
 Higher

UNOCAL SERVICE STATION #4710
9780 BANCROFT AVE
OAKLAND, CA 94603

UST
 LUST

U003301088
 N/A

State LUST:
 Facility Type: INACTIVE
 Reg Board: San Francisco Bay Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Case Type: Other ground water affected
 Status: Signed off, remedial action completed or deemed unnecessary
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Review Date:	08/09/1989	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	02/24/1987
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/08/1995	Release Date:	03/30/1987

LUST Region 2:
 File Number: 01-1570
 Lat/Long: 37.7480140 / -122.1611720

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL SERVICE STATION #4710 (Continued)

U003301088

Region: 2 Record Number: 4127
Entered Date: Not reported Last Review: 08/09/1989
Correspondence: 03/31/1992 Report Date: 03/30/1987
Case Number: 4270 Staff Initial: CTH
How Discovered: Tank Closure Discovered Date: 03/20/1987
How Stopped: Close Tank Stopped Date: 03/20/1987
Leak Source: Tank Leak Cause: Structure Failure
Facility Status: Signed off, remedial action completed or deemed unnecessary
Notify: Not reported
Update Status: Not reported
Review Status: Not reported
Priority: Not reported
Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley
Case Type: Other ground water or surface water is affected or threatened
Primary Substance: Gasoline
Secondary Substance: Misc. Motor Vehicle Fuels
Maximum Soil Concentration: 50
Maximum Groundwater Impact: Free product in the well
Current Benzene in Groundwater: 3950
Maximum Benzene Concentration: 3950
Nuber of Wells: Not reported
Depth to Groundwater: 4
MTBE Contamination Level: 0
Maximum MTBE: 0
Interim Remediation: Yes
Interim Remediation Date: 03/30/1987
Lead Agency: Local Agency
Case List: FUEL
Enforcement Type: 0
Enforcement Date: Not reported
Responsible Party Search: Solvent - identified and financially capable of performing work.
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: Not reported
Workplan Submitted: Not reported
Assessment Underway: 02/24/1987
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Enforcement Action Date: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 11/08/1995
Abatement: Excavate and Dispose (landfill) of soil, Excavate and Treat soil. (e.g. aeration, biodegradation, etc.)
Comments: CLOSED BY AC HEALTH AGENCY 7/12/94

C14
SSE
1/4-1/2
2272
Higher

VERDESE CARTER PARK
98TH / BANCROFT AVENUES
OAKLAND, CA 94603

Cal-Sites S102008213
N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

VERDESE CARTER PARK (Continued)

S102008213

CAL-SITES:

Facility ID: 01360058
 Status: VTERM
 Status Date: 05/04/1998
 Lead: EPA
 Region: 2 - BERKELEY
 Branch: NC - NORTH COAST
 File Name: Not reported
 Status Name: VOLUNTARY CLEANUP AGREEMENT TERMINATED
 Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
 NPL: Not Listed
 SIC: 36 MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
 Facility Type: VCP
 Facility Type Name: VOLUNTARY CLEANUP PROGRAM
 Staff Member Responsible for Site: TTSE
 Supervisor Responsible for Site: KTOTH
 Region Water Control Board: SF - SAN FRANCISCO BAY
 Access: Not reported
 Cortese: Not reported
 Hazardous Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Not reported
 No. of Contamination Sources: 0
 Lat/Long: Not reported
 Lat/Long Method: Not reported
 State Assembly District Code: 16
 State Senate District: 9

**C15
 SSE
 1/4-1/2
 2302
 Higher**

**BP OIL COMPANY FACILITY #11133
 2220 98TH AVE
 OAKLAND, CA 94603**

**Ca. FID
 LUST**

**S101579975
 N/A**

LUST Alameda County:

Region: ALAMEDA
 Case Closed: Not reported
 Priority: HIGH/Known Impact/Free Product
 State ID: 3877
 Status: Active
 Substance: Gasoline
 Date Reported: 19870815

FID:

Facility ID:	01000359	Regulate ID:	00039580
Reg By:	Active Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(415) 568-9608
Status:	Active		
Mail To:	Not reported		
	2868 PROSPECT DR		
	OAKLAND, CA 94603		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

C16 **BP MOBIL**
SSE **2220 98TH AVE**
1/4-1/2 **OAKLAND, CA 94603**
2302
Higher

S Bay Reg. 2 **S102425624**
LUST **N/A**
Cortese

State LUST:

Facility Type:	ACTIVE	Cross Street:	Not reported
Reg Board:	San Francisco Bay Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Remediation plan developed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	09/24/1996	Confirm Leak:	Not reported
Workplan:	07/24/1987	Prelim Assess:	05/06/1988
Pollution Char:	09/28/1990	Remed Plan:	07/13/1994
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	01/06/1989

LUST Region 2:

File Number:	01-0224	Lat/Long:	37.7479150 / -122.1606760
Region:	2	Record Number:	2612
Entered Date:	11/26/1990	Last Review:	09/24/1996
Correspondence:	05/01/1995	Report Date:	01/06/1989
Case Number:	3877	Staff Initial:	CTH
How Discovered:	Tank Closure	Discovered Date:	06/15/1987
How Stopped:	Close Tank	Stopped Date:	06/15/1987
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Remediation plan developed		
Notify:	Not reported		
Update Status:	Not reported		
Review Status:	Not reported		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Gasoline		
Secondary Substance:	Not reported		
Maximum Soil Concentration:	420		
Maximum Groundwater Impact:	Free product in the well		
Current Benzene in Groundwater:	55000		
Maximum Benzene Concentration:	55000		
Nuber of Wells:	12		
Depth to Groundwater:	11.3		
MTBE Contamination Level:	Not reported		
Maximum MTBE:	Not reported		
Interim Remediation:	No		
Interim Remediation Date:	Not reported		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	0		
Enforcement Date:	Not reported		
Responsible Party Search:	Solvent - Identified and financially capable of performing work.		
Funding:	Federal		
Date Status Was First Assigned -	The following dates are assigned as the status progresses:		
Leak Confirmed:	Not reported		
Workplan Submitted:	07/24/1987		
Assessment Underway:	05/06/1988		
Pollution Characterization:	09/28/1990		
Corrective Action Plan:	07/13/1994		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BP MOBIL (Continued)

S102425624

Enforcement Action Date: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: Not reported
Abatement: No Action Taken
Comments: FP IN MW1 IN 9/25/90 RPT. AQUITA TEST DONE.NO DOM WW W/ 1/2 ML.2/10 QR WP
FOR ADD.SITE CHARACTERIZATION-6/13/96

CORTESE:

Reg By: LTNKA
Reg Id: 01-0224
Region: CORTESE

South Bay Region 2:

Facility ID: 01-0224 Staff: Not reported
Case Number: Not reported File Number: Not reported
Last Update: Not reported Case Type: Not reported
RWQCB Initials: Not reported EPA Contact: Not reported
DOHS Initials: Not reported Map Number: Not reported
Type: Other ground water or surface water is affected or threatened
Lead: Local Agency (Santa Clara Valley Water District)
Facility Status: Not reported
Discovered Date: Not reported
Facility Description: Not reported
Phase of Work by Responsible Party: 5
National Priority List: NOT REPORTED
Primary Substance Spilled: Gasoline
Secondary Substance Spilled: NOT REPORTED
Problem Caused by UST: No
Contaminant Concentration Type (1): Not reported
Key Contaminant Concentration (1): Not reported
Initial Maximum Concentration (1): Not reported
Current Maximum Concentration (1): Not reported
Contaminant Concentration Type (2): Not reported
Key Contaminant Concentration (2): Not reported
Initial Maximum Concentration (2): Not reported
Current Maximum Concentration (2): Not reported
Contaminant Concentration Type (3): Not reported
Key Contaminant Concentration (3): Not reported
Initial Maximum Concentration (3): Not reported
Plume in Length (FT): Not reported
Size Depth (FT): Not reported
Municipal Drinking Wells Affected: Not reported
Private Drinking Wells Affected: Not reported
Current Maximum Concentration (3): Not reported
Historical Minimum Depth to Groundwater: 11.3 (Feet)
Maximum Soil Concentration of Contaminates: 420 (parts per million)
Max Gmdwater Concentration of Contaminates: 99999999 (parts per billion)
Benzene: 55000
Maximum Benzene: 0
Soil Action Needed: Not reported
Total of Extraction Flow Rate: Not reported
Estimated % of Contaminants Contained: Not reported
Contaminant Source: Not reported
Contaminant Concentration as of: Not reported
Contaminant Concentration (1): Not reported
Well or Boring Number (1): Not reported
Initial Level Concentration (1): Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BP MOBIL (Continued)

S102425624

Current Level Concentration (1):	Not reported
Contaminant Concentration (2):	Not reported
Well or Boring Number (2):	Not reported
Initial Level Concentration (2):	Not reported
Current Level Concentration (2):	Not reported
Contaminant Concentration (3):	Not reported
Well or Boring Number (3):	Not reported
Initial Level Concentration (3):	Not reported
Current Level Concentration (3):	Not reported
Number of Municipal Wells:	Not reported
Number of Private Wells:	Not reported
Closure Name:	Not reported
Closure Date:	Not reported
Soil Action Needed Start Date:	Not reported
Soil Action Needed End Date:	Not reported
Onsite Water Action Needed:	Not reported
Onsite Water Action Needed Start Date:	Not reported
Onsite Water Action Needed End Date:	Not reported
Off Site Water Action Needed:	Not reported
Off Site Water Action Needed Start Date:	Not reported
Off Site Water Action Needed End Date:	Not reported
Estimated % of Contamination Concentration:	Not reported
Enforcement & Regulatory Action (1):	Not reported
Enforcement Action Date (1):	Not reported
Enforcement & Regulatory Action (2):	Not reported
Enforcement Action Date (2):	Not reported
Enforcement & Regulatory Action (3):	Not reported
Enforcement Action Date (3):	Not reported
Enforcement & Regulatory Action (4):	Not reported
Enforcement Action Date (4):	Not reported
Enforcement & Regulatory Action (5):	Not reported
Enforcement Action Date (5):	Not reported
Enforcement & Regulatory Action (6):	Not reported
Enforcement Action Date (6):	Not reported
Enforcement & Regulatory Action (7):	Not reported
Enforcement Action Date (7):	Not reported
Enforcement & Regulatory Action (8):	Not reported
Enforcement Action Date (8):	Not reported
Enforcement & Regulatory Action (9):	Not reported
Enforcement Action Date (9):	Not reported
Enforcement & Regulatory Action (10):	Not reported
Enforcement Action Date (10):	Not reported
Immediate Response Actions:	NOT REPORTED
Remediation:	Not reported
Characterization:	Not reported
Comments:	Not reported

17
WSW
1/4-1/2
2353
Lower
PACIFIC BELL
8925 HOLLY ST
OAKLAND, CA 94621

RCRIS-SQG 1000250823
FINDS CAT080015480
UST
Ca. FID
LUST
S Bay Reg. 2
HAZNET

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC BELL (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000250823

RCRIS:

Owner: THE PACIFIC TEL & TEL COMPANY
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(415) 954-9836
Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

State LUST:

Facility Type: INACTIVE
Reg Board: San Francisco Bay Region
Chemical: Diesel
Lead Agency: Local Agency
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 09/29/1995
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 09/29/1995
Cross Street: Not reported
Qty Leaked: Not reported
Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported
Release Date: 02/08/1988

LUST Region 2:

File Number: 01-1116
Region: 2
Entered Date: Not reported
Correspondence: 02/08/1988
Case Number: 3999
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Source: Tank
Facility Status: Signed off, remedial action completed or deemed unnecessary
Notify: Not reported
Update Status: File archived
Review Status: Not reported
Priority: Not reported
Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley
Case Type: Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.
Lat/Long: 37.7503910 / -122.1722240
Record Number: 3591
Last Review: 09/29/1995
Report Date: 02/08/1988
Staff Initial: CTH
Discovered Date: 02/08/1988
Stopped Date: 02/08/1988
Leak Cause: Structure Failure

Primary Substance: Diesel
Secondary Substance: Gasoline
Maximum Soil Concentration: 33
Maximum Groundwater Impact: 0
Current Benzene in Groundwater: 0
Maximum Benzene Concentration: 0
Nuber of Wells: Not reported
Depth to Groundwater: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250823

MTBE Contamination Level: 0
Maximum MTBE: 0
Interim Remediation: Yes
Interim Remediation Date: 02/08/1988
Lead Agency: Local Agency
Case List: FUEL
Enforcement Type: 0
Enforcement Date: Not reported
Responsible Party Search: Solvent - Identified and financially capable of performing work.
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: Not reported
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Enforcement Action Date: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: 09/29/1995
Abatement: Excavate and Dispose (landfill) of soil
Comments: ARCHIVED 6/6/96 CONTROL NO 120-084 SRC 0904734 084

LUST Alameda County:

Region: ALAMEDA
Case Closed: 06/11/1996
Priority: HIGH/Fast Action/RP Clos Reqst
State ID: 3999
Status: inactive
Substance: Diesel
Date Reported: 19920729

South Bay Region 2:

Facility ID: 01-1116 Staff: Not reported
Case Number: Not reported File Number: Not reported
Last Update: Not reported Case Type: Not reported
RWQCB Initials: Not reported EPA Contact: Not reported
DOHS Initials: Not reported Map Number: Not reported
Type: Only soil contamination has occurred and at such a low level as to not pose a threat to water quality
Lead: Local Agency (Santa Clara Valley Water District)
Facility Status: Not reported
Discovered Date: Not reported
Facility Description: Not reported
Phase of Work by Responsible Party: 9
National Priority List: NOT REPORTED
Primary Substance Spilled: Diesel
Secondary Substance Spilled: Gasoline
Problem Caused by UST: No
Contaminant Concentration Type (1): Not reported
Key Contaminant Concentration (1): Not reported
Initial Maximum Concentration (1): Not reported
Current Maximum Concentration (1): Not reported
Contaminant Concentration Type (2): Not reported
Key Contaminant Concentration (2): Not reported
Initial Maximum Concentration (2): Not reported
Current Maximum Concentration (2): Not reported
Contaminant Concentration Type (3): Not reported
Key Contaminant Concentration (3): Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250823

Initial Maximum Concentration (3):	Not reported
Plume in Length (FT):	Not reported
Size Depth (FT):	Not reported
Municipal Drinking Wells Affected:	Not reported
Private Drinking Wells Affected:	Not reported
Current Maximum Concentration (3):	Not reported
Historical Minimum Depth to Groundwater:	Not reported
Maximum Soil Concentration of Contaminates:	33 (parts per million)
Max Gmdwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	Not reported
Total of Extraction Flow Rate:	Not reported
Estimated % of Contaminants Contained:	Not reported
Contaminant Source:	Not reported
Contaminant Concentration as of:	Not reported
Contaminant Concentration (1):	Not reported
Well or Boring Number (1):	Not reported
Initial Level Concentration (1):	Not reported
Current Level Concentration (1):	Not reported
Contaminant Concentration (2):	Not reported
Well or Boring Number (2):	Not reported
Initial Level Concentration (2):	Not reported
Current Level Concentration (2):	Not reported
Contaminant Concentration (3):	Not reported
Well or Boring Number (3):	Not reported
Initial Level Concentration (3):	Not reported
Current Level Concentration (3):	Not reported
Number of Municipal Wells:	Not reported
Number of Private Wells:	Not reported
Closure Name:	Not reported
Closure Date:	Not reported
Soil Action Needed Start Date:	Not reported
Soil Action Needed End Date:	Not reported
Onsite Water Action Needed:	Not reported
Onsite Water Action Needed Start Date:	Not reported
Onsite Water Action Needed End Date:	Not reported
Off Site Water Action Needed:	Not reported
Off Site Water Action Needed Start Date:	Not reported
Off Site Water Action Needed End Date:	Not reported
Estimated % of Contamination Concentration:	Not reported
Enforcement & Regulatory Action (1):	Not reported
Enforcement Action Date (1):	Not reported
Enforcement & Regulatory Action (2):	Not reported
Enforcement Action Date (2):	Not reported
Enforcement & Regulatory Action (3):	Not reported
Enforcement Action Date (3):	Not reported
Enforcement & Regulatory Action (4):	Not reported
Enforcement Action Date (4):	Not reported
Enforcement & Regulatory Action (5):	Not reported
Enforcement Action Date (5):	Not reported
Enforcement & Regulatory Action (6):	Not reported
Enforcement Action Date (6):	Not reported
Enforcement & Regulatory Action (7):	Not reported
Enforcement Action Date (7):	Not reported
Enforcement & Regulatory Action (8):	Not reported
Enforcement Action Date (8):	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PACIFIC BELL (Continued)

1000250823

Enforcement & Regulatory Action (9): Not reported
 Enforcement Action Date (9): Not reported
 Enforcement & Regulatory Action (10): Not reported
 Enforcement Action Date (10): Not reported
 Immediate Response Actions: NOT REPORTED
 Remediation: Not reported
 Characterization: Not reported
 Comments: Not reported

FID:

Facility ID:	01001233	Regulate ID:	00057569
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 542-6758
Mail To:	Not reported		
	370 003RD ST		
	OAKLAND, CA 94621		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

State UST:

Facility ID:	57569		
Tank Num:	1	Container Num:	1
Tank Capacity:	5000	Year Installed:	1969
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Constrctn:	Not reported
Leak Detection:	None		
Contact Name:	E.J. KOEHLER	Telephone:	(415) 542-6758
Total Tanks:	3	Region:	Not reported
Facility Type:	2	Other Type:	SIC 4800

Facility ID:	57569		
Tank Num:	2	Container Num:	2
Tank Capacity:	5000	Year Installed:	1969
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Constrctn:	Not reported
Leak Detection:	None		
Contact Name:	E.J. KOEHLER	Telephone:	(415) 542-6758
Total Tanks:	3	Region:	Not reported
Facility Type:	2	Other Type:	SIC 4800

Facility ID:	57569		
Tank Num:	3	Container Num:	3
Tank Capacity:	1000	Year Installed:	1969
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Constrctn:	Not reported
Leak Detection:	None		
Contact Name:	E.J. KOEHLER	Telephone:	(415) 542-6758
Total Tanks:	3	Region:	Not reported
Facility Type:	2	Other Type:	SIC 4800

18
 ESE
 1/2-1
 3475
 Higher

ARCO
 2740 98TH AVE
 OAKLAND, CA 94605

S Bay Reg. 2 S101293821
LUST N/A
Cortese

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO (Continued)

S101293821

State LUST:

Facility Type:	ACTIVE	Cross Street:	STANLEY AVE
Reg Board:	San Francisco Bay Region	Qty Leaked:	Not reported
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Leak being confirmed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	01/11/1996	Confirm Leak:	01/11/1996
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	12/16/1993

LUST Region 2:

File Number:	01-0096	Lat/Long:	37.7513250 / -122.1529780
Region:	2	Record Number:	2462
Entered Date:	06/06/1989	Last Review:	01/11/1996
Correspondence:	01/14/1994	Report Date:	12/16/1993
Case Number:	1130	Staff Initial:	CTH
How Discovered:	Other Means	Discovered Date:	06/18/1993
How Stopped:	Repair Piping	Stopped Date:	06/18/1993
Leak Source:	Tank	Leak Cause:	Unknown
Facility Status:	Leak being confirmed		
Notify:	Not reported		
Update Status:	Not reported		
Review Status:	Not reported		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Waste Oil		
Secondary Substance:	Gasoline		
Maximum Soil Concentration:	Not reported		
Maximum Groundwater Impact:	Not reported		
Current Benzene in Groundwater:	Not reported		
Maximum Benzene Concentration:	Not reported		
Nuber of Wells:	Not reported		
Depth to Groundwater:	Not reported		
MTBE Contamination Level:	Not reported		
Maximum MTBE:	Not reported		
Interim Remediation:	No		
Interim Remediation Date:	Not reported		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	1		
Enforcement Date:	09/01/1993		
Responsible Party Search:	Solvent - Identified and financially capable of performing work.		
Funding:	Federal		
Date Status Was First Assigned - The following dates are assigned as the status progresses:			
Leak Confirmed:	01/11/1996		
Workplan Submitted:	Not reported		
Assessment Underway:	Not reported		
Pollution Characterization:	Not reported		
Corrective Action Plan:	Not reported		
Enforcement Action Date:	Not reported		
Remediation Underway:	Not reported		
Monitoring Begun:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ARCO (Continued)

S101293821

Case Closed: Not reported
Abatement: No Action Taken
Comments: LOP UPDATE-10/21/93;APPLIED FOR 2004 FUNDS

CORTESE:

Reg By: LTNKA
Reg Id: 01-0096
Region: CORTESE

South Bay Region 2:

Facility ID:	01-0096	Staff:	Not reported
Case Number:	Not reported	File Number:	Not reported
Last Update:	Not reported	Case Type:	Not reported
RWQCB Initials:	Not reported	EPA Contact:	Not reported
DOHS Initials:	Not reported	Map Number:	Not reported
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	Not reported		
Discovered Date:	Not reported		
Facility Description:	Not reported		
Phase of Work by Responsible Party:	1		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Waste Oil		
Secondary Substance Spilled:	Gasoline		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	Not reported		
Key Contaminant Concentration (1):	Not reported		
Initial Maximum Concentration (1):	Not reported		
Current Maximum Concentration (1):	Not reported		
Contaminant Concentration Type (2):	Not reported		
Key Contaminant Concentration (2):	Not reported		
Initial Maximum Concentration (2):	Not reported		
Current Maximum Concentration (2):	Not reported		
Contaminant Concentration Type (3):	Not reported		
Key Contaminant Concentration (3):	Not reported		
Initial Maximum Concentration (3):	Not reported		
Plume in Length (FT):	Not reported		
Size Depth (FT):	Not reported		
Municipal Drinking Wells Affected:	Not reported		
Private Drinking Wells Affected:	Not reported		
Current Maximum Concentration (3):	Not reported		
Historical Minimum Depth to Groundwater:	Not reported		
Maximum Soil Concentration of Contaminates:	0 (parts per million)		
Max Gndwater Concentration of Contaminates:	0 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	Not reported		
Total of Extraction Flow Rate:	Not reported		
Estimated % of Contaminants Contained:	Not reported		
Contaminant Source:	Not reported		
Contaminant Concentration as of:	Not reported		
Contaminant Concentration (1):	Not reported		
Well or Boring Number (1):	Not reported		
Initial Level Concentration (1):	Not reported		
Current Level Concentration (1):	Not reported		
Contaminant Concentration (2):	Not reported		
Well or Boring Number (2):	Not reported		
Initial Level Concentration (2):	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO (Continued)

S101293821

Current Level Concentration (2):	Not reported
Contaminant Concentration (3):	Not reported
Well or Boring Number (3):	Not reported
Initial Level Concentration (3):	Not reported
Current Level Concentration (3):	Not reported
Number of Municipal Wells:	Not reported
Number of Private Wells:	Not reported
Closure Name:	Not reported
Closure Date:	Not reported
Soil Action Needed Start Date:	Not reported
Soil Action Needed End Date:	Not reported
Onsite Water Action Needed:	Not reported
Onsite Water Action Needed Start Date:	Not reported
Onsite Water Action Needed End Date:	Not reported
Off Site Water Action Needed:	Not reported
Off Site Water Action Needed Start Date:	Not reported
Off Site Water Action Needed End Date:	Not reported
Estimated % of Contamination Concentration:	Not reported
Enforcement & Regulatory Action (1):	Not reported
Enforcement Action Date (1):	Not reported
Enforcement & Regulatory Action (2):	Not reported
Enforcement Action Date (2):	Not reported
Enforcement & Regulatory Action (3):	Not reported
Enforcement Action Date (3):	Not reported
Enforcement & Regulatory Action (4):	Not reported
Enforcement Action Date (4):	Not reported
Enforcement & Regulatory Action (5):	Not reported
Enforcement Action Date (5):	Not reported
Enforcement & Regulatory Action (6):	Not reported
Enforcement Action Date (6):	Not reported
Enforcement & Regulatory Action (7):	Not reported
Enforcement Action Date (7):	Not reported
Enforcement & Regulatory Action (8):	Not reported
Enforcement Action Date (8):	Not reported
Enforcement & Regulatory Action (9):	Not reported
Enforcement Action Date (9):	Not reported
Enforcement & Regulatory Action (10):	Not reported
Enforcement Action Date (10):	Not reported
Immediate Response Actions:	NOT REPORTED
Remediation:	Not reported
Characterization:	Not reported
Comments:	Not reported

D19
 SSW
 1/2-1
 3701
 Lower

9800 E 14TH ST
 OAKLAND, CA 94603

CHMIRS S100279377
 N/A

CHMIRS:

OES Control Number:	8907915	DOT ID:	1203
DOT Hazard Class:	Flammable liquid		
Chemical Name:	GASOLINE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	100
Environmental Contamination:	Ground	Property Use:	Mercantile, Business
Incident Date:	15-SEP-89	Date Completed:	15-SEP-89

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)
 EDR ID Number
 EPA ID Number

D20
 SSW
 1/2-1
 3743
 Lower

ARCO
9800 INTERNATIONAL BLVD
OAKLAND, CA 94603

S Bay Reg. 2 S102657135
Cortese N/A

CORTESE:

Reg By: LTNKA
 Reg Id: 01-0122
 Region: CORTESE

21
 NNW
 1/2-1
 3861
 Higher

F/O 7858 BANCRAFT AVENUE
OAKLAND, CA

CHMIRS S100221714
N/A

CHMIRS:

OES Control Number:	9099701	DOT ID:	1978
DOT Hazard Class:	Gases		
Chemical Name:	PROPANE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	0
Environmental Contamination:	None Reported	Property Use:	County/City Road
Incident Date:	28-NOV-90	Date Completed:	28-NOV-90

22
 SSW
 1/2-1
 3961
 Lower

ARCO SERVICE STATION NO. 2185
9800 EAST 14TH STREET
OAKLAND, CA 92626

Notify 65 S100179068
N/A

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 92626

23
 West
 1/2-1
 4215
 Lower

TEXACO INDEPENDENT
8124 INTERNATIONAL BLVD
OAKLAND, CA 94621

S Bay Reg. 2 S102438686
LUST N/A
Cortese

State LUST:

Facility Type:	ACTIVE	Cross Street:	Not reported
Reg Board:	San Francisco Bay Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Preliminary site assessment workplan submitted		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	03/12/1990	Confirm Leak:	08/12/1992
Workplan:	03/12/1987	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	08/21/1987

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TEXACO INDEPENDENT (Continued)

S102438686

CORTESE:

Reg By: LTNKA
 Reg Id: 01-0792
 Region: CORTESE

South Bay Region 2:

Facility ID:	01-0792	Staff:	Not reported
Case Number:	Not reported	File Number:	Not reported
Last Update:	Not reported	Case Type:	Not reported
RWQCB Initials:	Not reported	EPA Contact:	Not reported
DOHS Initials:	Not reported	Map Number:	Not reported
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	Not reported		
Discovered Date:	Not reported		
Facility Description:	Not reported		
Phase of Work by Responsible Party:	3		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Gasoline		
Secondary Substance Spilled:	Waste Oil		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	Not reported		
Key Contaminant Concentration (1):	Not reported		
Initial Maximum Concentration (1):	Not reported		
Current Maximum Concentration (1):	Not reported		
Contaminant Concentration Type (2):	Not reported		
Key Contaminant Concentration (2):	Not reported		
Initial Maximum Concentration (2):	Not reported		
Current Maximum Concentration (2):	Not reported		
Contaminant Concentration Type (3):	Not reported		
Key Contaminant Concentration (3):	Not reported		
Initial Maximum Concentration (3):	Not reported		
Plume in Length (FT):	Not reported		
Size Depth (FT):	Not reported		
Municipal Drinking Wells Affected:	Not reported		
Private Drinking Wells Affected:	Not reported		
Current Maximum Concentration (3):	Not reported		
Historical Minimum Depth to Groundwater:	Not reported		
Maximum Soil Concentration of Contaminates:	1100 (parts per million)		
Max Grndwater Concentration of Contaminates:	411000 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	Not reported		
Total of Extraction Flow Rate:	Not reported		
Estimated % of Contaminants Contained:	Not reported		
Contaminant Source:	Not reported		
Contaminant Concentration as of:	Not reported		
Contaminant Concentration (1):	Not reported		
Well or Boring Number (1):	Not reported		
Initial Level Concentration (1):	Not reported		
Current Level Concentration (1):	Not reported		
Contaminant Concentration (2):	Not reported		
Well or Boring Number (2):	Not reported		
Initial Level Concentration (2):	Not reported		
Current Level Concentration (2):	Not reported		
Contaminant Concentration (3):	Not reported		
Well or Boring Number (3):	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TEXACO INDEPENDENT (Continued)

S102438686

Initial Level Concentration (3):	Not reported
Current Level Concentration (3):	Not reported
Number of Municipal Wells:	Not reported
Number of Private Wells:	Not reported
Closure Name:	Not reported
Closure Date:	Not reported
Soil Action Needed Start Date:	Not reported
Soil Action Needed End Date:	Not reported
Onsite Water Action Needed:	Not reported
Onsite Water Action Needed Start Date:	Not reported
Onsite Water Action Needed End Date:	Not reported
Off Site Water Action Needed:	Not reported
Off Site Water Action Needed Start Date:	Not reported
Off Site Water Action Needed End Date:	Not reported
Estimated % of Contamination Concentration:	Not reported
Enforcement & Regulatory Action (1):	Not reported
Enforcement Action Date (1):	Not reported
Enforcement & Regulatory Action (2):	Not reported
Enforcement Action Date (2):	Not reported
Enforcement & Regulatory Action (3):	Not reported
Enforcement Action Date (3):	Not reported
Enforcement & Regulatory Action (4):	Not reported
Enforcement Action Date (4):	Not reported
Enforcement & Regulatory Action (5):	Not reported
Enforcement Action Date (5):	Not reported
Enforcement & Regulatory Action (6):	Not reported
Enforcement Action Date (6):	Not reported
Enforcement & Regulatory Action (7):	Not reported
Enforcement Action Date (7):	Not reported
Enforcement & Regulatory Action (8):	Not reported
Enforcement Action Date (8):	Not reported
Enforcement & Regulatory Action (9):	Not reported
Enforcement Action Date (9):	Not reported
Enforcement & Regulatory Action (10):	Not reported
Enforcement Action Date (10):	Not reported
Immediate Response Actions:	NOT REPORTED
Remediation:	Not reported
Characterization:	Not reported
Comments:	Not reported

E24
WSW
1/2-1
4948
Lower

CONTINENTAL PLATING COMANY INCORPORATED
995 89TH AVE
OAKLAND, CA 94621

RCRIS-SQG 1000412904
FINDS CAD009183948
TRIS
RAATS
CORRACTS
CERC-NFRAP

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
 Ownership Status: Private

Federal Facility: Not reported
 NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
 Assessment: PRELIMINARY ASSESSMENT
 Assessment: NON-NPL PRP SEARCH

Completed: 19910301
 Completed: 19910924
 Completed: 19920410

CORRACTS Data:

Prioritization: Low
 Status: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CONTINENTAL PLATING COMANY INCORPORATED (Continued)

1000412904

RCRIS:

Owner: K AND L PLATING INC
(510) 568-2494
Contact: ROBERT GIBBS
(510) 568-5961
Record Date: 01/29/1997
Classification: Small Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D002	105665.55	D003	420972.06
D006	635237.61	D007	635237.61
D008	46115.93	D011	467087.99
F007	589121.68		

Used Oil Recyc: No

Violation Status: Violation information exist, high priority violator

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CONTINENTAL PLATING COMANY INCORPORATED (Continued)

1000412904

There are 62 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Other Evaluation	Generator-All Requirements	09/19/1997
Other Evaluation	Generator-All Requirements	
Other Evaluation	TSD-Other Requirements	
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	
	Generator-All Requirements	
Other Evaluation	TSD-Other Requirements	
	TSD-Other Requirements	
Other Evaluation	TSD-Other Requirements	
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	
	TSD-Other Requirements	
	Generator-All Requirements	
Case Development Inspection (CDI)	Generator-All Requirements	
	Generator-All Requirements	
Other Evaluation	Generator-Land Ban Requirements	
	Generator-All Requirements	
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	
	Generator-Land Ban Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
Compliance Evaluation Inspection (CEI)	TSD-Closure/Post Closure Requirements	
	TSD-Other Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-Land Ban Requirements	
	Generator-All Requirements	
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	11/16/1993
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	
	TSD-Other Requirements	11/16/1993
	TSD-Other Requirements	11/16/1993
	TSD-Other Requirements	11/16/1993
	TSD-Other Requirements	11/16/1993
	TSD-Closure/Post Closure Requirements	
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	11/16/1993
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	12/02/1992
	TSD-Financial Responsibility Requirements	11/16/1993
	TSD-Closure/Post Closure Requirements	
	TSD-Other Requirements	12/02/1992
	TSD-Land Ban Requirements	12/02/1992
	TSD-Other Requirements	12/02/1992
	TSD-Other Requirements	12/02/1992
	Generator-All Requirements	
	Generator-All Requirements	12/02/1992
	Generator-All Requirements	12/02/1992
	TSD-Other Requirements	12/02/1992
Compliance Evaluation Inspection (CEI)	TSD-Land Ban Requirements	12/02/1992
	Generator-Land Ban Requirements	07/29/1991
	TSD-Other Requirements	12/02/1992
	TSD-Other Requirements	07/29/1991

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CONTINENTAL PLATING COMANY INCORPORATED (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Site	Database(s)	EDR ID Number EPA ID Number
CONTINENTAL PLATING COMANY INCORPORATED (Continued)		
		1000412904
Financial Record Review (FRR)	TSD-Closure/Post Closure Requirements	
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	11/16/1993
Compliance Evaluation Inspection (CEI)	TSD-Financial Responsibility Requirements	11/16/1993
	TSD-Land Ban Requirements	12/02/1992
	Generator-Land Ban Requirements	07/29/1991
	TSD-Other Requirements	12/02/1992
Compliance Evaluation Inspection (CEI)	TSD-Closure/Post Closure Requirements	
	TSD-Financial Responsibility Requirements	
	TSD-Other Requirements	
Financial Record Review (FRR)	TSD-Closure/Post Closure Requirements	
Compliance Evaluation Inspection (CEI)	TSD-Financial Responsibility Requirements	11/16/1993
	TSD-Other Requirements	12/02/1992
	TSD-Closure/Post Closure Requirements	

E25
 WSW
 1/2-1
 4990
 Lower

RODRIGUES MANUEL PROPERTY
 1009 89TH AVE
 OAKLAND, CA 94621

S Bay Reg. 2 S102435987
 LUST N/A
 Cortese

State LUST:

Facility Type:	ACTIVE	Cross Street:	Not reported
Reg Board:	San Francisco Bay Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Leak being confirmed		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	07/29/1987	Confirm Leak:	04/10/1992
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	06/12/1986

LUST Region 2:

File Number:	01-1256	Lat/Long:	37.7472930 / -122.1800750
Region:	2	Record Number:	3744
Entered Date:	07/29/1987	Last Review:	07/29/1987
Correspondence:	05/27/1992	Report Date:	06/12/1986
Case Number:	3934	Staff Initial:	CTH
How Discovered:	Tank Closure	Discovered Date:	06/10/1986
How Stopped:	Close Tank	Stopped Date:	06/10/1986
Leak Source:	Tank	Leak Cause:	Structure Fallure
Facility Status:	Leak being confirmed		
Notify:	Not reported		
Update Status:	Not reported		
Review Status:	Not reported		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occured at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less then 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		
Primary Substance:	Gasoline		
Secondary Substance:	Diesel		
Maximum Soil Concentration:	1100		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RODRIGUES MANUEL PROPERTY (Continued)

S102435987

Maximum Groundwater Impact: 0
Current Benzene in Groundwater: 0
Maximum Benzene Concentration: 0
Nuber of Wells: Not reported
Depth to Groundwater: Not reported
MTBE Contamination Level: 0
Maximum MTBE: 0
Interim Remediation: Yes
Interim Remediation Date: 06/10/1986
Lead Agency: Local Agency
Case List: FUEL
Enforcement Type: 1
Enforcement Date: 04/10/1992
Responsible Party Search: Solvent - Identified and financially capable of performing work.
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: 04/10/1992
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Enforcement Action Date: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: Not reported

Abatement: Excavate and Dispose (landfill) of soil
Comments: LOP UPDATE--10/21/93 REQ. CASE CLOSURE 4/7/97..

CORTESE:

Reg By: LTNKA
Reg Id: 01-1256
Region: CORTESE

South Bay Region 2:

Facility ID: 01-1256 Staff: Not reported
Case Number: Not reported File Number: Not reported
Last Update: Not reported Case Type: Not reported
RWQCB Initials: Not reported EPA Contact: Not reported
DOHS Initials: Not reported Map Number: Not reported
Type: Only soil contamination has occurred and at such a low level as to not pose a threat to water quality
Lead: Local Agency (Santa Clara Valley Water District
Facility Status: Not reported
Discovered Date: Not reported
Facility Description: Not reported
Phase of Work by Responsible Party: 1
National Priority List: NOT REPORTED
Primary Substance Spilled: Gasoline
Secondary Substance Spilled: Diesel
Problem Caused by UST: No
Contaminant Concentration Type (1): Not reported
Key Contaminant Concentration (1): Not reported
Initial Maximum Concentration (1): Not reported
Current Maximum Concentration (1): Not reported
Contaminant Concentration Type (2): Not reported
Key Contaminant Concentration (2): Not reported
Initial Maximum Concentration (2): Not reported
Current Maximum Concentration (2): Not reported
Contaminant Concentration Type (3): Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RODRIGUES MANUEL PROPERTY (Continued)

S102435987

Key Contaminant Concentration (3):	Not reported
Initial Maximum Concentration (3):	Not reported
Plume in Length (FT):	Not reported
Size Depth (FT):	Not reported
Municipal Drinking Wells Affected:	Not reported
Private Drinking Wells Affected:	Not reported
Current Maximum Concentration (3):	Not reported
Historical Minimum Depth to Groundwater:	Not reported
Maximum Soil Concentration of Contaminates:	1100 (parts per million)
Max Gmdwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	Not reported
Total of Extraction Flow Rate:	Not reported
Estimated % of Contaminants Contained:	Not reported
Contaminant Source:	Not reported
Contaminant Concentration as of:	Not reported
Contaminant Concentration (1):	Not reported
Well or Boring Number (1):	Not reported
Initial Level Concentration (1):	Not reported
Current Level Concentration (1):	Not reported
Contaminant Concentration (2):	Not reported
Well or Boring Number (2):	Not reported
Initial Level Concentration (2):	Not reported
Current Level Concentration (2):	Not reported
Contaminant Concentration (3):	Not reported
Well or Boring Number (3):	Not reported
Initial Level Concentration (3):	Not reported
Current Level Concentration (3):	Not reported
Number of Municipal Wells:	Not reported
Number of Private Wells:	Not reported
Closure Name:	Not reported
Closure Date:	Not reported
Soil Action Needed Start Date:	Not reported
Soil Action Needed End Date:	Not reported
Onsite Water Action Needed:	Not reported
Onsite Water Action Needed Start Date:	Not reported
Onsite Water Action Needed End Date:	Not reported
Off Site Water Action Needed:	Not reported
Off Site Water Action Needed Start Date:	Not reported
Off Site Water Action Needed End Date:	Not reported
Estimated % of Contamination Concentration:	Not reported
Enforcement & Regulatory Action (1):	Not reported
Enforcement Action Date (1):	Not reported
Enforcement & Regulatory Action (2):	Not reported
Enforcement Action Date (2):	Not reported
Enforcement & Regulatory Action (3):	Not reported
Enforcement Action Date (3):	Not reported
Enforcement & Regulatory Action (4):	Not reported
Enforcement Action Date (4):	Not reported
Enforcement & Regulatory Action (5):	Not reported
Enforcement Action Date (5):	Not reported
Enforcement & Regulatory Action (6):	Not reported
Enforcement Action Date (6):	Not reported
Enforcement & Regulatory Action (7):	Not reported
Enforcement Action Date (7):	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RODRIGUES MANUEL PROPERTY (Continued)

S102435987

Enforcement & Regulatory Action (8): Not reported
 Enforcement Action Date (8): Not reported
 Enforcement & Regulatory Action (9): Not reported
 Enforcement Action Date (9): Not reported
 Enforcement & Regulatory Action (10): Not reported
 Enforcement Action Date (10): Not reported
 Immediate Response Actions: NOT REPORTED
 Remediation: Not reported
 Characterization: Not reported
 Comments: Not reported

26
 WSW
 1/2-1
 5001
 Lower

LIDELL IRON CRAFT
1000 90TH AVE
OAKLAND, CA

S Bay Reg. 2 S101306704
LUST N/A
Cortese

State LUST:

Facility Type:	ACTIVE	Cross Street:	Not reported
Reg Board:	San Francisco Bay Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Leak being confirmed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	01/15/1991	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	12/31/1990

LUST Region 2:

File Number:	01-0906	Lat/Long:	37.7464000 / -122.1795640
Region:	2	Record Number:	3349
Entered Date:	01/17/1991	Last Review:	01/15/1991
Correspondence:	12/31/1990	Report Date:	12/31/1990
Case Number:	Not reported	Staff Initial:	CTH
How Discovered:	Tank Closure	Discovered Date:	12/31/1990
How Stopped:	Close Tank	Stopped Date:	12/31/1990
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Leak being confirmed		
Notify:	Not reported		
Update Status:	Not reported		
Review Status:	Not reported		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance: Gasoline
 Secondary Substance: Not reported
 Maximum Soil Concentration: 32
 Maximum Groundwater Impact: Not reported
 Current Benzene in Groundwater: Not reported
 Maximum Benzene Concentration: Not reported
 Nuber of Wells: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LIDELL IRON CRAFT (Continued)

S101306704

Depth to Groundwater: Not reported
MTBE Contamination Level: Not reported
Maximum MTBE: Not reported
Interim Remediation: No
Interim Remediation Date: Not reported
Lead Agency: Local Agency
Case List: FUEL
Enforcement Type: 0
Enforcement Date: Not reported
Responsible Party Search: Not reported
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: Not reported
Workplan Submitted: Not reported
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Enforcement Action Date: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: Not reported
Abatement: No Action Taken
Comments: CTY LTR ONLY

CORTESE:

Reg By: LTNKA
Reg Id: 01-0906
Region: CORTESE

South Bay Region 2:

Facility ID: 01-0906 Staff: Not reported
Case Number: Not reported File Number: Not reported
Last Update: Not reported Case Type: Not reported
RWQCB Initials: Not reported EPA Contact: Not reported
DOHS Initials: Not reported Map Number: Not reported
Type: Only soil contamination has occurred and at such a low level as to not pose a threat to water quality
Lead: Local Agency (Santa Clara Valley Water District)
Facility Status: Not reported
Discovered Date: Not reported
Facility Description: Not reported
Phase of Work by Responsible Party: 1
National Priority List: NOT REPORTED
Primary Substance Spilled: Gasoline
Secondary Substance Spilled: NOT REPORTED
Problem Caused by UST: No
Contaminant Concentration Type (1): Not reported
Key Contaminant Concentration (1): Not reported
Initial Maximum Concentration (1): Not reported
Current Maximum Concentration (1): Not reported
Contaminant Concentration Type (2): Not reported
Key Contaminant Concentration (2): Not reported
Initial Maximum Concentration (2): Not reported
Current Maximum Concentration (2): Not reported
Contaminant Concentration Type (3): Not reported
Key Contaminant Concentration (3): Not reported
Initial Maximum Concentration (3): Not reported
Plume in Length (FT): Not reported
Size Depth (FT): Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LIDELL IRON CRAFT (Continued)

S101306704

Municipal Drinking Wells Affected:	Not reported
Private Drinking Wells Affected:	Not reported
Current Maximum Concentration (3):	Not reported
Historical Minimum Depth to Groundwater:	Not reported
Maximum Soil Concentration of Contaminates:	32 (parts per million)
Max Gmdwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	Not reported
Total of Extraction Flow Rate:	Not reported
Estimated % of Contaminants Contained:	Not reported
Contaminant Source:	Not reported
Contaminant Concentration as of:	Not reported
Contaminant Concentration (1):	Not reported
Well or Boring Number (1):	Not reported
Initial Level Concentration (1):	Not reported
Current Level Concentration (1):	Not reported
Contaminant Concentration (2):	Not reported
Well or Boring Number (2):	Not reported
Initial Level Concentration (2):	Not reported
Current Level Concentration (2):	Not reported
Contaminant Concentration (3):	Not reported
Well or Boring Number (3):	Not reported
Initial Level Concentration (3):	Not reported
Current Level Concentration (3):	Not reported
Number of Municipal Wells:	Not reported
Number of Private Wells:	Not reported
Closure Name:	Not reported
Closure Date:	Not reported
Soil Action Needed Start Date:	Not reported
Soil Action Needed End Date:	Not reported
Onsite Water Action Needed:	Not reported
Onsite Water Action Needed Start Date:	Not reported
Onsite Water Action Needed End Date:	Not reported
Off Site Water Action Needed:	Not reported
Off Site Water Action Needed Start Date:	Not reported
Off Site Water Action Needed End Date:	Not reported
Estimated % of Contamination Concentration:	Not reported
Enforcement & Regulatory Action (1):	Not reported
Enforcement Action Date (1):	Not reported
Enforcement & Regulatory Action (2):	Not reported
Enforcement Action Date (2):	Not reported
Enforcement & Regulatory Action (3):	Not reported
Enforcement Action Date (3):	Not reported
Enforcement & Regulatory Action (4):	Not reported
Enforcement Action Date (4):	Not reported
Enforcement & Regulatory Action (5):	Not reported
Enforcement Action Date (5):	Not reported
Enforcement & Regulatory Action (6):	Not reported
Enforcement Action Date (6):	Not reported
Enforcement & Regulatory Action (7):	Not reported
Enforcement Action Date (7):	Not reported
Enforcement & Regulatory Action (8):	Not reported
Enforcement Action Date (8):	Not reported
Enforcement & Regulatory Action (9):	Not reported
Enforcement Action Date (9):	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LIDELL IRON CRAFT (Continued)

S101306704

Enforcement & Regulatory Action (10): Not reported
 Enforcement Action Date (10): Not reported
 Immediate Response Actions: NOT REPORTED
 Remediation: Not reported
 Characterization: Not reported
 Comments: Not reported

E27
 WSW
 1/2-1
 5052
 Lower

995 89TH AVENUE
 OAKLAND, CA 94621

CHMIRS

S100279363
 N/A

CHMIRS:

OES Control Number: 8907621 DOT ID: 9141
 DOT Hazard Class: Not Reported
 Chemical Name: NICKEL SULFATE
 Extent of Release: Not reported
 CAS Number: Not reported Quantity Released: 100
 Environmental Contamination: Ground Property Use: Industrial, Utility
 Incident Date: 24-AUG-89 Date Completed: 25-AUG-89

F28
 WSW
 1/2-1
 5146
 Lower

K & L PLATING
 981/989/995 89TH AVENUE
 OAKLAND, CA 94603

Cal-Sites

S102860799
 N/A

CAL-SITES:

Facility ID: 01330048
 Status: AWP
 Status Date: 03/19/1998
 Lead: DTSC
 Region: 2 - BERKELEY
 Branch: NC - NORTH COAST
 File Name: Not reported
 Status Name: ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
 NPL: Not Listed
 SIC: 33 MANU - PRIMARY METAL INDUSTRIES
 Facility Type: STATE
 Facility Type Name: STATE FUNDED SITE
 Staff Member Responsible for Site: TTSE
 Supervisor Responsible for Site: KTOTH
 Region Water Control Board: SF - SAN FRANCISCO BAY
 Access: Controlled
 Cortese: C
 Hazardous Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Not reported
 No. of Contamination Sources: 0
 Lat/Long: Not reported
 Lat/long Method: Not reported
 State Assembly District Code: 16
 State Senate District: 9

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

G29
WSW
1/2-1
5159
Lower

8630 E ST.
OAKLAND, CA

CHMIRS

S100279055
N/A

CHMIRS:

OES Control Number:	8803481	DOT ID:	2315
DOT Hazard Class:	Miscellaneous hazardous material		
Chemical Name:	PCB		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	Ground	Property Use:	Industrial, Utility
Incident Date:	01-NOV-88	Date Completed:	01-NOV-88

G30
WSW
1/2-1
5173
Lower

8615 E STREET
OAKLAND, CA 94621

CHMIRS

S100274908
N/A

CHMIRS:

OES Control Number:	8905850	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	CONTAMINATED SOIL		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	4
Environmental Contamination:	Ground	Property Use:	Vacant Lot
Incident Date:	20-APR-89	Date Completed:	20-APR-89

F31
WSW
1/2-1
5251
Lower

FIESTA BEVERAGE
966 89TH AVE
OAKLAND, CA 94621

LUST
S Bay Reg. 2
Cortese
HAZNET

S100935251
N/A

State LUST:

Facility Type:	ACTIVE	Cross Street:	Not reported
Reg Board:	San Francisco Bay Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Preliminary site assessment workplan submitted		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	07/15/1993	Confirm Leak:	Not reported
Workplan:	07/15/1993	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	06/07/1993

LUST Region 2:

File Number:	01-1702	Lat/Long:	37.7465600 / -122.1809690
Region:	2	Record Number:	3032
Entered Date:	06/22/1993	Last Review:	07/15/1993
Correspondence:	06/07/1993	Report Date:	06/07/1993
Case Number:	4241	Staff Initial:	CTH
How Discovered:	Tank Closure	Discovered Date:	02/05/1991
How Stopped:	Close Tank	Stopped Date:	02/05/1991

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FIESTA BEVERAGE (Continued)

S100935251

Leak Source: Unknown Leak Cause: Unknown
Facility Status: Preliminary site assessment workplan submitted
Notify: Not reported
Update Status: Not reported
Review Status: Not reported
Priority: Not reported
Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley
Case Type: Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less then 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.

Primary Substance: Gasoline
Secondary Substance: Not reported
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
Current Benzene in Groundwater: 0
Maximum Benzene Concentration: 0
Nuber of Wells: Not reported
Depth to Groundwater: Not reported
MTBE Contamination Level: 0
Maximum MTBE: 0
Interim Remediation: Yes
Interim Remediation Date: 06/22/1993
Lead Agency: Local Agency
Case List: FUEL
Enforcement Type: 0
Enforcement Date: Not reported
Responsible Party Search: Solvent - Identified and financially capable of performing work.
Funding: Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:
Leak Confirmed: Not reported
Workplan Submitted: 07/15/1993
Assessment Underway: Not reported
Pollution Characterization: Not reported
Corrective Action Plan: Not reported
Enforcement Action Date: Not reported
Remediation Underway: Not reported
Monitoring Begun: Not reported
Case Closed: Not reported

Abatement: Excavate and Dispose (landfill) of soil
Comments: FROM LOP LIST

LUST Alameda County:

Region: ALAMEDA
Case Closed: Not reported
Priority: Not reported
State ID: 4241
Status: Active
Substance: Gasoline
Date Reported: 19910205

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FIESTA BEVERAGE (Continued)

S100935251

HAZNET:

Year:	Not reported	Tepaid:	CAD980887418
Gepaid:	CAC000714840	Telephone:	Not reported
Contact:	Not reported	Tons:	154
Gen County:	Not reported		
Tsd Name:	EVERGREEN OIL INC		
Tsd Address:	6880 SMITH ST NEWARK		
Tsd County:	Alameda		
Mailing Address:	Not reported		
Category:	221		
Disposal Method:	R01		

CORTESE:

Reg By: LTNKA
 Reg Id: 01-1702
 Region: CORTESE

South Bay Region 2:

Facility ID:	01-1702	Staff:	Not reported
Case Number:	Not reported	File Number:	Not reported
Last Update:	Not reported	Case Type:	Not reported
RWQCB Initials:	Not reported	EPA Contact:	Not reported
DOHS Initials:	Not reported	Map Number:	Not reported
Type:	Only soil contamination has occurred and at such a low level as to not pose a threat to water quality		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	Not reported		
Discovered Date:	Not reported		
Facility Description:	Not reported		
Phase of Work by Responsible Party:	3		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Gasoline		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	Not reported		
Key Contaminant Concentration (1):	Not reported		
Initial Maximum Concentration (1):	Not reported		
Current Maximum Concentration (1):	Not reported		
Contaminant Concentration Type (2):	Not reported		
Key Contaminant Concentration (2):	Not reported		
Initial Maximum Concentration (2):	Not reported		
Current Maximum Concentration (2):	Not reported		
Contaminant Concentration Type (3):	Not reported		
Key Contaminant Concentration (3):	Not reported		
Initial Maximum Concentration (3):	Not reported		
Plume in Length (FT):	Not reported		
Size Depth (FT):	Not reported		
Municipal Drinking Wells Affected:	Not reported		
Private Drinking Wells Affected:	Not reported		
Current Maximum Concentration (3):	Not reported		
Historical Minimum Depth to Groundwater:	Not reported		
Maximum Soil Concentration of Contaminates:	0 (parts per million)		
Max Gmdwater Concentration of Contaminates:	0 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	Not reported		
Total of Extraction Flow Rate:	Not reported		
Estimated % of Contaminants Contained:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FIESTA BEVERAGE (Continued)

S100935251

Contaminant Source:	Not reported
Contaminant Concentration as of:	Not reported
Contaminant Concentration (1):	Not reported
Well or Boring Number (1):	Not reported
Initial Level Concentration (1):	Not reported
Current Level Concentration (1):	Not reported
Contaminant Concentration (2):	Not reported
Well or Boring Number (2):	Not reported
Initial Level Concentration (2):	Not reported
Current Level Concentration (2):	Not reported
Contaminant Concentration (3):	Not reported
Well or Boring Number (3):	Not reported
Initial Level Concentration (3):	Not reported
Current Level Concentration (3):	Not reported
Number of Municipal Wells:	Not reported
Number of Private Wells:	Not reported
Closure Name:	Not reported
Closure Date:	Not reported
Soil Action Needed Start Date:	Not reported
Soil Action Needed End Date:	Not reported
Onsite Water Action Needed:	Not reported
Onsite Water Action Needed Start Date:	Not reported
Onsite Water Action Needed End Date:	Not reported
Off Site Water Action Needed:	Not reported
Off Site Water Action Needed Start Date:	Not reported
Off Site Water Action Needed End Date:	Not reported
Estimated % of Contamination Concentration:	Not reported
Enforcement & Regulatory Action (1):	Not reported
Enforcement Action Date (1):	Not reported
Enforcement & Regulatory Action (2):	Not reported
Enforcement Action Date (2):	Not reported
Enforcement & Regulatory Action (3):	Not reported
Enforcement Action Date (3):	Not reported
Enforcement & Regulatory Action (4):	Not reported
Enforcement Action Date (4):	Not reported
Enforcement & Regulatory Action (5):	Not reported
Enforcement Action Date (5):	Not reported
Enforcement & Regulatory Action (6):	Not reported
Enforcement Action Date (6):	Not reported
Enforcement & Regulatory Action (7):	Not reported
Enforcement Action Date (7):	Not reported
Enforcement & Regulatory Action (8):	Not reported
Enforcement Action Date (8):	Not reported
Enforcement & Regulatory Action (9):	Not reported
Enforcement Action Date (9):	Not reported
Enforcement & Regulatory Action (10):	Not reported
Enforcement Action Date (10):	Not reported
Immediate Response Actions:	NOT REPORTED
Remediation:	Not reported
Characterization:	Not reported
Comments:	Not reported

**GEOCHECK VERSION 2.1 ADDENDUM
STATE DATABASE WELL INFORMATION**

Water Wells:

Well Within 1 - 2 Miles of Target Property (Northern Quadrant)

Water System Information:

Prime Station Code:	D01/005-USL TR	User ID:	ENG
FRDS Number Number:	0110005011	County:	Alameda
District Number:	04	Station Type:	LAKE/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Active Treated
Source Lat/Long:	374619.7 1220933.8	Precision:	1,000 Feet (10 Seconds)
Source Name:	UPPER SAN LEANDRO WTP-USL WATER-TREATED		
System Number:	0110005		
System Name:	EAST BAY MUD		
Organization That Operates System:	P.O. BOX 24055 OAKLAND, CA 94623		
Pop Served:	1300000	Connections:	356200
Area Served:	W ALAMEDA/CONTRA COSTA CO		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/01/1988	Findings:	6.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/01/1988	Findings:	294.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/01/1988	Findings:	8.490
Chemical:	PH (LABORATORY)		
Sample Collected:	09/01/1988	Findings:	96.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/01/1988	Findings:	110.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/01/1988	Findings:	2.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	09/01/1988	Findings:	5.600 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	09/01/1988	Findings:	99.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/01/1988	Findings:	24.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/01/1988	Findings:	10.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/01/1988	Findings:	23.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/01/1988	Findings:	1.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/01/1988	Findings:	10.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/01/1988	Findings:	.960 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/01/1988	Findings:	163.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	09/01/1988	Findings:	.009 UG/L
Chemical:	IODIDE		
Sample Collected:	02/26/1992	Findings:	4.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/26/1992	Findings:	295.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/26/1992	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	02/26/1992	Findings:	90.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	02/26/1992	Findings:	89.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/26/1992	Findings:	1.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	02/26/1992	Findings:	92.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	02/26/1992	Findings:	21.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/26/1992	Findings:	8.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/26/1992	Findings:	20.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/26/1992	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/26/1992	Findings:	12.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/26/1992	Findings:	.850 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/26/1992	Findings:	1.200 MG/L
Chemical:	SILICA		
Sample Collected:	02/26/1992	Findings:	80.000 UG/L
Chemical:	BORON		
Sample Collected:	02/26/1992	Findings:	21.000 UG/L
Chemical:	NICKEL		
Sample Collected:	02/26/1992	Findings:	51.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	02/26/1992	Findings:	5.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	02/26/1992	Findings:	160.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/26/1992	Findings:	.013 UG/L
Chemical:	IODIDE		
Sample Collected:	05/13/1992	Findings:	6.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/13/1992	Findings:	232.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	05/13/1992	Findings:	8.300
Chemical:	PH (LABORATORY)		
Sample Collected:	05/13/1992	Findings:	83.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/13/1992	Findings:	81.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/13/1992	Findings:	2.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/13/1992	Findings:	.011 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/13/1992	Findings:	77.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/13/1992	Findings:	20.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/13/1992	Findings:	6.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/13/1992	Findings:	14.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/13/1992	Findings:	1.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/13/1992	Findings:	6.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/13/1992	Findings:	.850 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/13/1992	Findings:	1.800 MG/L
Chemical:	SILICA		
Sample Collected:	05/13/1992	Findings:	80.000 UG/L
Chemical:	BORON		
Sample Collected:	05/13/1992	Findings:	55.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/13/1992	Findings:	3.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	05/13/1992	Findings:	130.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/13/1992	Findings:	10.000 UG/L
Chemical:	IODIDE		
Sample Collected:	05/13/1992	Findings:	.030 MG/L
Chemical:	BROMIDE		
Sample Collected:	08/12/1992	Findings:	6.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/12/1992	Findings:	275.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/12/1992	Findings:	8.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/12/1992	Findings:	101.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	08/12/1992	Findings:	96.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/12/1992	Findings:	5.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	08/12/1992	Findings:	.009 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	08/12/1992	Findings:	94.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/12/1992	Findings:	22.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/12/1992	Findings:	9.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/12/1992	Findings:	21.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/12/1992	Findings:	1.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/12/1992	Findings:	15.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/12/1992	Findings:	.820 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/12/1992	Findings:	.670 MG/L
Chemical:	SILICA		
Sample Collected:	08/12/1992	Findings:	110.000 UG/L
Chemical:	BORON		
Sample Collected:	08/12/1992	Findings:	140.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	08/12/1992	Findings:	5.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	08/12/1992	Findings:	161.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1992	Findings:	.010 UG/L
Chemical:	IODIDE		
Sample Collected:	05/19/1993	Findings:	7.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/19/1993	Findings:	320.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/19/1993	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	05/19/1993	Findings:	110.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/19/1993	Findings:	108.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/19/1993	Findings:	1.600 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/19/1993	Findings:	110.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Sample Collected:	05/19/1993	Findings:	26.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/19/1993	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/19/1993	Findings:	22.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/19/1993	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/19/1993	Findings:	12.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/19/1993	Findings:	.870 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/19/1993	Findings:	2.700 MG/L
Chemical:	SILICA		
Sample Collected:	05/19/1993	Findings:	.110 UG/L
Chemical:	BORON		
Sample Collected:	05/19/1993	Findings:	6.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	05/19/1993	Findings:	190.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/19/1993	Findings:	.006 UG/L
Chemical:	IODIDE		
Sample Collected:	08/10/1994	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/10/1994	Findings:	3.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	08/10/1994	Findings:	301.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/10/1994	Findings:	8.300
Chemical:	PH (LABORATORY)		
Sample Collected:	08/10/1994	Findings:	110.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/10/1994	Findings:	108.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/10/1994	Findings:	2.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	08/10/1994	Findings:	110.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/10/1994	Findings:	24.347 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/10/1994	Findings:	11.564 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/10/1994	Findings:	22.162 MG/L
Chemical:	SODIUM		
Sample Collected:	08/10/1994	Findings:	15.000 MG/L
Chemical:	CHLORIDE		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	08/10/1994	Findings:	.850 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/10/1994	Findings:	.187 UG/L
Chemical:	BORON		
Sample Collected:	08/10/1994	Findings:	.006 UG/L
Chemical:	LITHIUM		
Sample Collected:	08/10/1994	Findings:	17.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	08/10/1994	Findings:	7.400 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	08/10/1994	Findings:	37.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/10/1994	Findings:	170.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/10/1994	Findings:	.015 UG/L
Chemical:	IODIDE		
Sample Collected:	08/10/1994	Findings:	61.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/16/1994	Findings:	4.000 UNITS
Chemical:	COLOR		
Sample Collected:	11/16/1994	Findings:	320.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/16/1994	Findings:	110.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	11/16/1994	Findings:	110.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/16/1994	Findings:	110.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	11/16/1994	Findings:	24.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/16/1994	Findings:	12.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/16/1994	Findings:	21.400 MG/L
Chemical:	SODIUM		
Sample Collected:	11/16/1994	Findings:	.123 UG/L
Chemical:	BORON		
Sample Collected:	11/16/1994	Findings:	.005 UG/L
Chemical:	LITHIUM		
Sample Collected:	11/16/1994	Findings:	180.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/16/1994	Findings:	.014 UG/L
Chemical:	IODIDE		
Sample Collected:	02/15/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/15/1995	Findings:	345.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	02/15/1995	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	02/15/1995	Findings:	110.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/15/1995	Findings:	108.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/15/1995	Findings:	2.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	02/15/1995	Findings:	130.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/15/1995	Findings:	28.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/15/1995	Findings:	12.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/15/1995	Findings:	23.900 MG/L
Chemical:	SODIUM		
Sample Collected:	02/15/1995	Findings:	16.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/15/1995	Findings:	.121 UG/L
Chemical:	BORON		
Sample Collected:	02/15/1995	Findings:	.006 UG/L
Chemical:	LITHIUM		
Sample Collected:	02/15/1995	Findings:	16.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	02/15/1995	Findings:	3.100 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	02/15/1995	Findings:	48.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/15/1995	Findings:	210.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/15/1995	Findings:	.030 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/17/1995	Findings:	17.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	05/17/1995	Findings:	4.200 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	05/17/1995	Findings:	42.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/13/1995	Findings:	1.560 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	12/13/1995	Findings:	40.580 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/17/1996	Findings:	9.360 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	01/17/1996	Findings:	4.790 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Sample Collected:	01/17/1996	Findings:	18.680 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/29/1996	Findings:	15.720 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	02/29/1996	Findings:	1.570 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	02/29/1996	Findings:	71.460 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/06/1996	Findings:	19.380 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	03/06/1996	Findings:	4.740 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	03/06/1996	Findings:	86.520 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/17/1996	Findings:	4.000 UNITS
Chemical:	COLOR		
Sample Collected:	04/17/1996	Findings:	350.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/17/1996	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	04/17/1996	Findings:	120.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	04/17/1996	Findings:	120.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/17/1996	Findings:	2.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	04/17/1996	Findings:	140.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	04/17/1996	Findings:	32.203 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/17/1996	Findings:	13.868 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/17/1996	Findings:	26.123 MG/L
Chemical:	SODIUM		
Sample Collected:	04/17/1996	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/17/1996	Findings:	22.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	04/17/1996	Findings:	2.800 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	04/17/1996	Findings:	97.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/17/1996	Findings:	1.300 UG/L
Chemical:	CHLOROMETHANE		
Sample Collected:	04/17/1996	Findings:	F 1.300 UG/L
Chemical:	1,2-DICHLOROETHANE		

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Sample Collected:	04/17/1996	Findings:	220.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/17/1996	Findings:	2.520 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/17/1996	Findings:	.080 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	04/17/1996	Findings:	17.000 UG/L
Chemical:	BROMOCHLOROMETHANE		
Sample Collected:	04/17/1996	Findings:	564.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/18/1996	Findings:	19.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	04/18/1996	Findings:	2.400 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	04/18/1996	Findings:	87.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/25/1996	Findings:	21.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	04/25/1996	Findings:	2.400 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	04/25/1996	Findings:	92.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/23/1996	Findings:	20.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	05/23/1996	Findings:	4.200 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	05/23/1996	Findings:	61.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/05/1996	Findings:	19.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	06/05/1996	Findings:	3.900 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	06/05/1996	Findings:	56.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1996	Findings:	22.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/10/1996	Findings:	4.100 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/10/1996	Findings:	62.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/24/1996	Findings:	24.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/24/1996	Findings:	5.600 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/24/1996	Findings:	67.000 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Sample Collected:	07/24/1996	Findings:	.550 UG/L
Chemical:	CHLOROMETHANE		
Sample Collected:	07/24/1996	Findings:	F .660 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	07/31/1996	Findings:	24.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/31/1996	Findings:	5.000 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/31/1996	Findings:	66.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/01/1996	Findings:	23.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	08/01/1996	Findings:	4.400 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	08/01/1996	Findings:	62.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/28/1996	Findings:	29.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	08/28/1996	Findings:	6.100 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	08/28/1996	Findings:	85.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/28/1996	Findings:	30.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/23/1997	Findings:	5.600 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	04/23/1997	Findings:	86.000 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	04/23/1997	Findings:	14.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/23/1997	Findings:	2.700 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/23/1997	Findings:	56.000 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/23/1997	Findings:	4.000 UNITS
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/12/1997	Findings:	7.000 TON
Chemical:	COLOR		
Sample Collected:	08/12/1997	Findings:	8.400
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	08/12/1997	Findings:	76.000 MG/L
Chemical:	PH (LABORATORY)		
Sample Collected:	08/12/1997	Findings:	74.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/12/1997	Findings:	1.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/12/1997	Findings:	
Chemical:	CARBONATE ALKALINITY		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	08/12/1997	Findings:	74.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/12/1997	Findings:	19.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/12/1997	Findings:	8.080 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/12/1997	Findings:	18.700 MG/L
Chemical:	SODIUM		
Sample Collected:	08/12/1997	Findings:	143.000 UG/L
Chemical:	ALUMINIUM		
Sample Collected:	08/12/1997	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/29/1997	Findings:	19.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	10/29/1997	Findings:	3.800 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	10/29/1997	Findings:	61.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/17/1997	Findings:	1.200 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	02/10/1998	Findings:	13.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	02/10/1998	Findings:	1.000 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	02/10/1998	Findings:	69.000 UG/L
Chemical:	CHLOROFORM (THM)		

Well Within >2 Miles of Target Property (Eastern Quadrant)

Water System Information:

Prime Station Code:	D01/005-CHA-RAW	User ID:	ENG
FRDS Number Number:	0110005002	County:	Alameda
District Number:	04	Station Type:	LAKE/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	374347.8 1220717.5	Precision:	0.5 Mile (30 Seconds)
Source Name:	CHABOT LAKE		
System Number:	0110005		
System Name:	EAST BAY MUD		
Organization That Operates System:	P.O. BOX 24055		
	OAKLAND, CA 94623	Connections:	356200
Pop Served:	1300000		
Area Served:	W ALAMEDA/CONTRA COSTA CO		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	07/01/1986	Findings:	17.000 UNITS
Chemical:	COLOR		
Sample Collected:	07/01/1986	Findings:	336.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Sample Collected:	07/01/1986	Findings:	9.200
Chemical:	PH (LABORATORY)		
Sample Collected:	07/01/1986	Findings:	120.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/01/1986	Findings:	120.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/01/1986	Findings:	1.100 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	07/01/1986	Findings:	140.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/01/1986	Findings:	33.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/01/1986	Findings:	14.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/01/1986	Findings:	19.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/01/1986	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/01/1986	Findings:	13.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/01/1986	Findings:	.190 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/01/1986	Findings:	.170 UG/L
Chemical:	BORON		
Sample Collected:	07/01/1986	Findings:	90.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	07/01/1986	Findings:	10.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	07/01/1986	Findings:	280.000 PC/L
Chemical:	STRONTIUM-90		
Sample Collected:	07/01/1986	Findings:	205.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/01/1986	Findings:	.020 UG/L
Chemical:	IODIDE		
Sample Collected:	07/01/1986	Findings:	.070 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/01/1986	Findings:	.070 UG/L
Chemical:	LONDAX		
Sample Collected:	09/01/1988	Findings:	10.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/01/1988	Findings:	403.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/01/1988	Findings:	8.820
Chemical:	PH (LABORATORY)		
Sample Collected:	09/01/1988	Findings:	150.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Sample Collected:	09/01/1988	Findings:	160.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/01/1988	Findings:	7.800 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	09/01/1988	Findings:	160.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/01/1988	Findings:	40.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/01/1988	Findings:	15.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/01/1988	Findings:	25.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/01/1988	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/01/1988	Findings:	17.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/01/1988	Findings:	.180 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/01/1988	Findings:	6.200 MG/L
Chemical:	SILICA		
Sample Collected:	09/01/1988	Findings:	236.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/22/1992	Findings:	17.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/22/1992	Findings:	418.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/22/1992	Findings:	8.700
Chemical:	PH (LABORATORY)		
Sample Collected:	03/22/1992	Findings:	150.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/22/1992	Findings:	143.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/22/1992	Findings:	7.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	03/22/1992	Findings:	.008 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/22/1992	Findings:	160.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/22/1992	Findings:	31.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/22/1992	Findings:	19.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/22/1992	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/22/1992	Findings:	1.900 MG/L
Chemical:	POTASSIUM		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	03/22/1992	Findings:	26.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/22/1992	Findings:	.250 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/22/1992	Findings:	.020 MG/L
Chemical:	SILICA		
Sample Collected:	03/22/1992	Findings:	150.000 UG/L
Chemical:	BORON		
Sample Collected:	03/22/1992	Findings:	22.000 UG/L
Chemical:	NICKEL		
Sample Collected:	03/22/1992	Findings:	3.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	03/22/1992	Findings:	260.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/22/1992	Findings:	.016 UG/L
Chemical:	IODIDE		
Sample Collected:	03/22/1992	Findings:	1.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/15/1992	Findings:	11.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/15/1992	Findings:	432.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/15/1992	Findings:	8.600
Chemical:	PH (LABORATORY)		
Sample Collected:	05/15/1992	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/15/1992	Findings:	135.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/15/1992	Findings:	5.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/15/1992	Findings:	.022 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/15/1992	Findings:	150.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/15/1992	Findings:	29.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/15/1992	Findings:	19.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/15/1992	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/15/1992	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/15/1992	Findings:	26.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/15/1992	Findings:	.250 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Sample Collected:	05/15/1992	Findings:	.210 MG/L
Chemical:	SILICA		
Sample Collected:	05/15/1992	Findings:	170.000 UG/L
Chemical:	BORON		
Sample Collected:	05/15/1992	Findings:	11.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/15/1992	Findings:	3.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	05/15/1992	Findings:	.033 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	05/15/1992	Findings:	256.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/15/1992	Findings:	.028 UG/L
Chemical:	IODIDE		
Sample Collected:	05/15/1992	Findings:	.140 MG/L
Chemical:	BROMIDE		
Sample Collected:	08/14/1992	Findings:	8.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/14/1992	Findings:	430.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/14/1992	Findings:	8.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/14/1992	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/14/1992	Findings:	148.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/14/1992	Findings:	11.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	08/14/1992	Findings:	.016 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	08/14/1992	Findings:	160.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/14/1992	Findings:	28.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/14/1992	Findings:	20.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/14/1992	Findings:	30.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/14/1992	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/14/1992	Findings:	28.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/14/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/14/1992	Findings:	.150 MG/L
Chemical:	SILICA		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Sample Collected:	08/14/1992	Findings:	160.000 UG/L
Chemical:	BORON		
Sample Collected:	08/14/1992	Findings:	4.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	08/14/1992	Findings:	270.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/14/1992	Findings:	.026 UG/L
Chemical:	IODIDE		
Sample Collected:	08/14/1992	Findings:	.150 MG/L
Chemical:	BROMIDE		
Sample Collected:	11/19/1992	Findings:	11.000 UNITS
Chemical:	COLOR		
Sample Collected:	11/19/1992	Findings:	452.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/19/1992	Findings:	8.400
Chemical:	PH (LABORATORY)		
Sample Collected:	11/19/1992	Findings:	170.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	11/19/1992	Findings:	166.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/19/1992	Findings:	4.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	11/19/1992	Findings:	.025 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	11/19/1992	Findings:	170.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	11/19/1992	Findings:	27.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/19/1992	Findings:	19.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/19/1992	Findings:	30.000 MG/L
Chemical:	SODIUM		
Sample Collected:	11/19/1992	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/19/1992	Findings:	28.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/19/1992	Findings:	.270 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/19/1992	Findings:	.340 MG/L
Chemical:	SILICA		
Sample Collected:	11/19/1992	Findings:	150.000 UG/L
Chemical:	BORON		
Sample Collected:	11/19/1992	Findings:	88.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/19/1992	Findings:	120.000 UG/L
Chemical:	ALUMINUM		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	11/19/1992	Findings:	3.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	11/19/1992	Findings:	248.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/19/1992	Findings:	.032 UG/L
Chemical:	IODIDE		
Sample Collected:	11/19/1992	Findings:	.140 MG/L
Chemical:	BROMIDE		
Sample Collected:	02/25/1993	Findings:	23.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/25/1993	Findings:	380.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/25/1993	Findings:	8.600
Chemical:	PH (LABORATORY)		
Sample Collected:	02/25/1993	Findings:	130.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/25/1993	Findings:	120.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/25/1993	Findings:	.019 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	02/25/1993	Findings:	140.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/25/1993	Findings:	28.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/25/1993	Findings:	15.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/25/1993	Findings:	22.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/25/1993	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/25/1993	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/25/1993	Findings:	.240 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/25/1993	Findings:	2.100 MG/L
Chemical:	SILICA		
Sample Collected:	02/25/1993	Findings:	130.000 UG/L
Chemical:	BORON		
Sample Collected:	02/25/1993	Findings:	420.000 UG/L
Chemical:	IRON		
Sample Collected:	02/25/1993	Findings:	13.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/25/1993	Findings:	430.000 UG/L
Chemical:	ALUMINIUM		
Sample Collected:	02/25/1993	Findings:	4.000 UG/L
Chemical:	LITHIUM		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	02/25/1993	Findings:	220.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/25/1993	Findings:	.080 MG/L
Chemical:	BROMIDE		
Sample Collected:	05/20/1993	Findings:	20.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/20/1993	Findings:	320.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/20/1993	Findings:	8.700
Chemical:	PH (LABORATORY)		
Sample Collected:	05/20/1993	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/20/1993	Findings:	130.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/20/1993	Findings:	6.300 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/20/1993	Findings:	160.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/20/1993	Findings:	35.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/20/1993	Findings:	18.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/20/1993	Findings:	25.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/20/1993	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/20/1993	Findings:	22.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/20/1993	Findings:	.230 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/20/1993	Findings:	.370 MG/L
Chemical:	SILICA		
Sample Collected:	05/20/1993	Findings:	.130 UG/L
Chemical:	BORON		
Sample Collected:	05/20/1993	Findings:	5.000 UG/L
Chemical:	LITHIUM		
Sample Collected:	05/20/1993	Findings:	260.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/20/1993	Findings:	.016 UG/L
Chemical:	IODIDE		
Sample Collected:	05/20/1993	Findings:	.120 MG/L
Chemical:	BROMIDE		
Sample Collected:	08/11/1994	Findings:	8.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/11/1994	Findings:	454.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Sample Collected:	08/11/1994	Findings:	8.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/11/1994	Findings:	170.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/11/1994	Findings:	162.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/11/1994	Findings:	8.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	08/11/1994	Findings:	180.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/11/1994	Findings:	38.491 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/11/1994	Findings:	21.592 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/11/1994	Findings:	30.138 MG/L
Chemical:	SODIUM		
Sample Collected:	08/11/1994	Findings:	27.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/11/1994	Findings:	.280 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/11/1994	Findings:	.128 UG/L
Chemical:	BORON		
Sample Collected:	08/11/1994	Findings:	.004 UG/L
Chemical:	LITHIUM		
Sample Collected:	08/11/1994	Findings:	270.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/11/1994	Findings:	.025 UG/L
Chemical:	IODIDE		
Sample Collected:	08/11/1994	Findings:	.110 MG/L
Chemical:	BROMIDE		
Sample Collected:	02/16/1995	Findings:	14.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/16/1995	Findings:	448.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/16/1995	Findings:	8.300
Chemical:	PH (LABORATORY)		
Sample Collected:	02/16/1995	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/16/1995	Findings:	157.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/16/1995	Findings:	3.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	02/16/1995	Findings:	170.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/16/1995	Findings:	35.300 MG/L
Chemical:	CALCIUM		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Sample Collected:	02/16/1995	Findings:	19.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/16/1995	Findings:	26.600 MG/L
Chemical:	SODIUM		
Sample Collected:	02/16/1995	Findings:	7.360 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/16/1995	Findings:	24.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/16/1995	Findings:	.250 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/16/1995	Findings:	.144 UG/L
Chemical:	BORON		
Sample Collected:	02/16/1995	Findings:	.004 UG/L
Chemical:	LITHIUM		
Sample Collected:	02/16/1995	Findings:	190.000 PCI/L
Chemical:	TRITIUM		
Sample Collected:	02/16/1995	Findings:	260.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/16/1995	Findings:	.011 UG/L
Chemical:	IODIDE		
Sample Collected:	02/16/1995	Findings:	.274 MFL
Chemical:	ASBESTOS		
Sample Collected:	02/16/1995	Findings:	1.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/16/1995	Findings:	.110 MG/L
Chemical:	BROMIDE		
Sample Collected:	02/16/1995	Findings:	7.200 UG/L
Chemical:	ALDICARB SULFOXIDE		
Sample Collected:	05/18/1995	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/08/1995	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/08/1995	Findings:	1.000 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	08/11/1997	Findings:	8.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/11/1997	Findings:	130.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/11/1997	Findings:	120.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/11/1997	Findings:	9.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	08/11/1997	Findings:	150.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/11/1997	Findings:	36.000 MG/L
Chemical:	CALCIUM		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	08/11/1997	Findings:	16.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/11/1997	Findings:	21.500 MG/L
Chemical:	SODIUM		
Sample Collected:	08/11/1997	Findings:	3.050 MG/L
Chemical:	POTASSIUM		

Well Within >2 Miles of Target Property (Southern Quadrant)

Water System Information:

Prime Station Code:	0103041-001	User ID:	ENG
FRDS Number Number:	0103041001	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	374259.2 1220840.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01		
System Number:	0103041		
System Name:	Trailer Haven Mobilehome Park		
Organization That Operates System:	2399 E. 14TH ST., 197 SAN LEANDRO, CA 94577		
Pop Served:	275	Connections:	198
Area Served:	Not Reported		

GEOCHECK VERSION 2.1
PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

PWS SUMMARY:

PWS ID: CA0105014 PWS Status: Active Distance from TP: 1 - 2 Miles
Date Initiated: June / 1993 Date Deactivated: Not Reported Dir relative to TP: North
PWS Name: EBRPD - GARIN REGIONAL PARK
OAKLAND, CA 946050381

Addressee / Facility: Not Reported

Facility Latitude: 37 46 12 Facility Longitude: 122 10 24
City Served: Not Reported
Treatment Class: Treated Population Served: 101 - 500 Persons

PWS currently has or has had major violation(s): No

EPA Waste Codes Addendum

Code	Description
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.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D011	SILVER
F007	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

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

Date of Government Version: 11/10/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 31

Date of Last EDR Contact: 12/02/98

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/98

Date Made Active at EDR: 01/18/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/13/99

Elapsed ASTM days: 5

Date of Last EDR Contact: 01/04/99

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 10/08/98

Date Made Active at EDR: 01/08/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 10

Date of Last EDR Contact: 02/08/99

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 10/01/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/28/98

Elapsed ASTM days: 32

Date of Last EDR Contact: 01/25/99

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/01/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/28/98

Elapsed ASTM days: 32

Date of Last EDR Contact: 12/22/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM RECORDS:

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/95

Database Release Frequency: Biennially

Date of Last EDR Contact: 12/21/98

Date of Next Scheduled EDR Contact: 03/22/99

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

FINDS: Facility Index System

Source: EPANTIS

Telephone: 703-908-2493

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: 09/30/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/23/98

Date of Next Scheduled EDR Contact: 03/29/99

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/08/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/01/98

Date of Next Scheduled EDR Contact: 03/01/99

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/23/98

Date of Next Scheduled EDR Contact: 02/22/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/22/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/03/98

Date of Next Scheduled EDR Contact: 02/15/99

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/15/98

Date of Next Scheduled EDR Contact: 03/15/99

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

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

Date of Government Version: 03/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 02/16/99

Date of Next Scheduled EDR Contact: 04/19/99

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 12/28/98

Date of Next Scheduled EDR Contact: 03/29/99

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/94

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA ASTM RECORDS:

BEP: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89

Date Made Active at EDR: 08/02/94

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94

Elapsed ASTM days: 6

Date of Last EDR Contact: 05/31/94

CAL-SITES (AWP): Annual Workplan

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/04/97

Date Made Active at EDR: 12/20/97

Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/21/97

Elapsed ASTM days: 29

Date of Last EDR Contact: 02/02/99

CAL-SITES (ASPIS): Calsites

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 10/30/98

Date Made Active at EDR: 12/07/98

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/03/98

Elapsed ASTM days: 34

Date of Last EDR Contact: 12/08/98

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-464-3277

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/24/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95

Elapsed ASTM days: 42

Date of Last EDR Contact: 12/02/98

CORTESE: Cortese

Source: CAL EPA/Office of Emergency Information

Telephone: 916-327-1848

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/98

Date Made Active at EDR: 09/23/98

Database Release Frequency: Annually

Date of Data Arrival at EDR: 08/26/98

Elapsed ASTM days: 28

Date of Last EDR Contact: 02/03/99

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board

Telephone: 916-445-6532

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/01/98

Date Made Active at EDR: 01/13/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/08/98

Elapsed ASTM days: 36

Date of Last EDR Contact: 02/08/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NOTIFY 65: Proposition 65

Source: State Water Resources Control Board

Telephone: 916-657-0696

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93

Date Made Active at EDR: 11/19/93

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93

Elapsed ASTM days: 18

Date of Last EDR Contact: 01/25/99

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board

Telephone: 916-255-4035

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 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/21/98

Date Made Active at EDR: 01/13/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/10/98

Elapsed ASTM days: 34

Date of Last EDR Contact: 12/21/98

TOXIC PITS: Toxic Pits

Source: State Water Resources Control Board

Telephone: 916-227-4364

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

Date of Government Version: 07/01/95

Date Made Active at EDR: 09/26/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95

Elapsed ASTM days: 27

Date of Last EDR Contact: 02/08/99

CA UST:

UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-227-4408

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90

Date Made Active at EDR: 02/12/91

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91

Elapsed ASTM days: 18

Date of Last EDR Contact: 01/22/99

FID: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-8532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94

Date Made Active at EDR: 09/29/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95

Elapsed ASTM days: 24

Date of Last EDR Contact: 12/28/98

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board

Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 10/05/98

Date Made Active at EDR: 01/13/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/08/98

Elapsed ASTM days: 36

Date of Last EDR Contact: 12/14/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA NON-ASTM RECORDS:

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board

Telephone: 916-227-4382

Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/99

Date of Next Scheduled EDR Contact: 05/10/99

HAZMAT: Hazmat Facilities

Source: City of San Jose Fire Department

Telephone: 408-277-4659

Date of Government Version: 04/17/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/23/98

Date of Next Scheduled EDR Contact: 02/22/99

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency

Telephone: 916-324-1781

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: 12/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 02/05/99

Date of Next Scheduled EDR Contact: 04/19/99

SOUTH BAY: South Bay Site Management System

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Groundwater pollution cases in the Santa Clara Valley where the regulatory lead is the San Francisco Bay Regional Water Quality Control Board.

Date of Government Version: 09/01/96

Database Release Frequency: Annually

Date of Last EDR Contact: 01/28/99

Date of Next Scheduled EDR Contact: 03/15/99

WDS: Waste Discharge System

Source: State Water Resources Control Board

Telephone: 916-657-1571

Sites which have been issued waste discharge requirements.

Date of Government Version: 09/01/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/23/98

Date of Next Scheduled EDR Contact: 02/22/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CALIFORNIA COUNTY RECORDS

ALAMEDA COUNTY:

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 04/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/12/99
Date of Next Scheduled EDR Contact: 05/03/99

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 10/01/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/12/99
Date of Next Scheduled EDR Contact: 05/03/99

CONTRA COSTA COUNTY:

SL: Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/21/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/09/98
Date of Next Scheduled EDR Contact: 03/08/99

KERN COUNTY:

UST: Sites & Tanks Listing

Source: Kern County Environment Health Services Department
Telephone: 805-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 01/05/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/07/98
Date of Next Scheduled EDR Contact: 03/08/99

LOS ANGELES COUNTY:

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

SWF/LF: List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 01/31/96
Database Release Frequency: Annually

Date of Last EDR Contact: 11/30/98
Date of Next Scheduled EDR Contact: 02/22/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

Source: Community Health Services

Telephone: 213-890-7806

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/20/98

Database Release Frequency: Annually

Date of Last EDR Contact: 11/23/98

Date of Next Scheduled EDR Contact: 02/22/99

MARIN COUNTY:

UST Sites

Source: Public Works Department Waste Management

Telephone: 415-499-6647

Currently permitted USTs in Marin County.

Date of Government Version: 12/01/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/10/99

Date of Next Scheduled EDR Contact: 05/10/99

NAPA COUNTY:

LUST: Sites With Reported Contamination

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269

Date of Government Version: 10/27/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/21/98

Date of Next Scheduled EDR Contact: 03/22/99

UST: Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269

Date of Government Version: 02/17/98

Database Release Frequency: Annually

Date of Last EDR Contact: 12/21/98

Date of Next Scheduled EDR Contact: 03/22/99

ORANGE COUNTY:

List of Industrial Site Cleanups

Source: Health Care Agency

Telephone: 714-834-3446

Petroleum and non-petroleum spills.

Date of Government Version: 07/14/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98

Date of Next Scheduled EDR Contact: 03/15/99

LUST: List of Underground Storage Tank Cleanups

Source: Health Care Agency

Telephone: 714-834-3446

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/02/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98

Date of Next Scheduled EDR Contact: 03/15/99

UST: List of Underground Storage Tank Facilities

Source: Health Care Agency

Telephone: 714-834-3446

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/30/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98

Date of Next Scheduled EDR Contact: 03/15/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PLACER COUNTY:

MS: Master List of Facilities

Source: Placer County Health and Human Services

Telephone: 530-889-7335

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/21/98

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/28/98

Date of Next Scheduled EDR Contact: 03/29/99

RIVERSIDE COUNTY:

LUST: Listing of Underground Tank Cleanup Sites

Source: Department of Public Health

Telephone: 909-358-5055

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/07/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

UST: Tank List

Source: Health Services Agency

Telephone: 909-358-5055

Date of Government Version: 10/05/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

SACRAMENTO COUNTY:

Toxsite List

Source: Sacramento County Environmental Management

Telephone: 916-875-8450

Date of Government Version: 02/02/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/15/98

Date of Next Scheduled EDR Contact: 05/10/99

ML: Regulatory Compliance Master List

Source: Sacramento County Environmental Management

Telephone: 916-875-8450

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/06/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/99

Date of Next Scheduled EDR Contact: 05/10/99

SAN BERNARDINO COUNTY:

DEHS Permit System Print-Out By Location

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 10/01/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98

Date of Next Scheduled EDR Contact: 03/15/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN DIEGO COUNTY:

SWF/LF: Solid Waste Facilities

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

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

Date of Last EDR Contact: 12/02/98
Date of Next Scheduled EDR Contact: 03/01/99

HMMD: Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 07/20/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/04/99
Date of Next Scheduled EDR Contact: 04/12/99

SAN FRANCISCO COUNTY:

LUST: Local Oversight Facilities

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

Date of Government Version: 08/26/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/99
Date of Next Scheduled EDR Contact: 04/19/99

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 11/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/16/98
Date of Next Scheduled EDR Contact: 02/15/99

SAN MATEO COUNTY:

Business Inventory

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

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 02/16/99
Date of Next Scheduled EDR Contact: 04/19/99

LUST: Fuel Leak List

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

Date of Government Version: 10/02/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/99
Date of Next Scheduled EDR Contact: 05/03/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SANTA CLARA COUNTY:

LUST: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-927-0710

Date of Government Version: 09/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/99
Date of Next Scheduled EDR Contact: 04/05/99

SOLANO COUNTY:

LUST: Leaking Underground Storage Tanks

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

Date of Government Version: 12/02/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/01/98
Date of Next Scheduled EDR Contact: 02/22/99

UST: Underground Storage Tanks

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

Date of Government Version: 07/15/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/01/98
Date of Next Scheduled EDR Contact: 02/22/99

SONOMA COUNTY:

LUST Sites

Source: Department of Health Services
Telephone: 707-525-6565

Date of Government Version: 10/26/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/99
Date of Next Scheduled EDR Contact: 05/03/99

SUTTER COUNTY:

UST: Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-741-7504

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

VENTURA COUNTY:

BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/24/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/21/98
Date of Next Scheduled EDR Contact: 03/22/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/30/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/21/98

Date of Next Scheduled EDR Contact: 03/22/99

UST: Underground Tank Closed Sites List

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/29/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/21/98

Date of Next Scheduled EDR Contact: 03/22/99

SWF/LF: Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 06/01/97

Database Release Frequency: Annually

Date of Last EDR Contact: 11/30/98

Date of Next Scheduled EDR Contact: 03/01/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Date of Government Version: 10/14/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/30/98
Date of Next Scheduled EDR Contact: 03/01/99

LUST REG 2: Fuel Leak List

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

Date of Government Version: 10/28/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/28/99
Date of Next Scheduled EDR Contact: 04/19/99

LUST REG 3: LUSTIS Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 11/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/24/98
Date of Next Scheduled EDR Contact: 02/22/99

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-7544

Date of Government Version: 08/13/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/05/99
Date of Next Scheduled EDR Contact: 04/05/99

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/22/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 07/14/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/15/99
Date of Next Scheduled EDR Contact: 04/12/99

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 09/16/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/17/98
Date of Next Scheduled EDR Contact: 03/15/99

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 11/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/30/98
Date of Next Scheduled EDR Contact: 03/01/99

LUST REG 8: (LUSTIS) Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

Date of Government Version: 10/22/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/13/99
Date of Next Scheduled EDR Contact: 04/12/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 619-467-2952

Date of Government Version: 06/25/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/29/99

Date of Next Scheduled EDR Contact: 04/26/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 10/14/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/30/98
Date of Next Scheduled EDR Contact: 03/01/99

SLIC REG 2: North and South Bay Slc Report

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 10/26/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/26/98
Date of Next Scheduled EDR Contact: 01/18/99

SLIC REG 3: SLIC Data

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/24/98
Date of Next Scheduled EDR Contact: 02/22/99

SLIC REG 4: SLIC Sites

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-7544

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

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

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/05/99

SLIC REG 5: SLIC List

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/01/99
Date of Next Scheduled EDR Contact: 04/12/99

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 09/23/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

SLIC REG 8: SLIC List

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 10/31/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/15/99
Date of Next Scheduled EDR Contact: 04/12/99

SLIC REG 9: WDS NURD List

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2980

Date of Government Version: 11/21/96
Database Release Frequency: Annually

Date of Last EDR Contact: 12/11/98
Date of Next Scheduled EDR Contact: 03/08/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

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

Disclaimer Provided by Real Property Scan, Inc.

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

DELISTED NPL: NPL Deletions

Source: EPA

Telephone: 703-603-8769

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: 10/08/98

Date Made Active at EDR: 01/08/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 10

Date of Last EDR Contact: 02/08/99

NFRAP: No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

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

Date of Government Version: 11/10/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 31

Date of Last EDR Contact: 12/02/98

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1996 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 March 1997 from the U.S. Fish and Wildlife Service.

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Water Dams: National inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

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.

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

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

APPENDIX C

Sensitive Receptor Survey Table

Table 1. Well Survey - Shell-branded Service Station, 8930 Bancroft Avenue, Oakland, California.

LOCATION	Well ID	Installation Date	Owner	Use	Depth (ft bgs)	Screened Interval (ft bgs)	Sealed Interval (ft bgs)
Well Locations provided by the State of California Water Resources Department							
1	2S/3W-23C1	Unknown	Auto Lite	Unk	120	Unknown	Unknown
2	Unknown	Unknown	Auto Lite	Unk	Unk	Unknown	Unknown
3	2S/3W-15K1	May 24, 1977	Alphense B. Perkins	Prod	Unk	Unknown	Unknown
4	2S/3W-14N1	June 16, 1977	Hueko Mills	Prod	50	20-50	0-20
5	Unknown	October 10, 1977	Mr. Grambs	Irrig	60	20-60	0-20
6	2S/3W-14Q1	May 19, 1976	Pacific Gas & Electric	C.P.	120	Unknown	0-95
7	2S/3W-23E1	May 14, 1991	Arco Oil	Vap	9.8	4.8-9.8	0-4
8	2S/3W-20C9	October 17, 1990	Unocal Oil	Mon	46	26-46	0-22
9	2S/3W-20C10	October 17, 1990	Unocal Oil	Mon	45	25-45	0-20
10	2S/3W-23D1	May 5, 1976	Pacific Gas & Electric	Unk	120	Unknown	0-95
11	2S/3W-23C23	August 12, 1991	Unocal Oil	Mon	36	26-36	0-24.5
12	2S/3W-23C19	March 26, 1992	B. P. Oil	Vap	16.6	9-16.6	0-8
13	2S/3W-23C20	March 26, 1992	B. P. Oil	Vap	16.5	9-16.5	0-8
14	2S/3W-23C21	March 26, 1992	B. P. Oil	Vap	16.5	9-16.5	0-8
15	2S/3W23E8	January 21, 1993	Arco Oil	Mon	28.5	8.5-28.5	0-7
16	2S/3W-23E7	January 20, 1993	Arco Oil	Mon	29	9-29	0-7
17	2S/3W-23E3	July 8, 1992	Arco Oil	Mon	24	9-24	0-8
18	2S/3W-23E4	July 7, 1992	Arco Oil	Mon	24	8-24	0-7
19	2S/3W-23E5	July 7, 1992	Arco Oil	Mon	24	9-24	0-7
20	2S/3W-23E6	July 8, 1992	Arco Oil	Mon	24	9-24	0-8
21	2S/3W-23C8	January 23, 1990	Unocal Oil	Mon	42	22-42	0-20
22	2S/3W-23C4	Unknown	Unocal Oil	Mon	32	7-32	0-6.5
23	2S/3W-23C5	Unknown	Unocal Oil	Mon	30	5-30	0-4
24	2S/3W-23C6	Unknown	Unocal Oil	Mon	30	5-30	0-4

Table 1. Well Survey - Shell-branded Service Station, 8930 Bancroft Avenue, Oakland, California.

LOCATION	Well ID	Installation Date	Owner	Use	Depth (ft bgs)	Screened Interval (ft bgs)	Sealed Interval (ft bgs)
25	2S/3W-23C7	Unknown	Unocal Oil	Mon	33	7-33	0-6
26	2S/3W-23C1	Unknown	City of Oakland	Unk	Unk	Unknown	Unknown
27	2S/3W-23C2	Unknown	City of Oakland	Unk	Unk	Unknown	Unknown
28	2S/3W-15R1	March 4, 1993	Pacific Bell	Unk	25	10-25	0-8.5
29	2S/3W-15R2	March 4, 1993	Pacific Bell	Unk	24	9-24	0-7
30	2S/3W-15R3	March 4, 1993	Pacific Bell	Invs	20	N/A	N/A
31	2S/3W-23C11	January 18, 1990	Unocal Oil	Mon	30	20-33	0-18
32	2S/3W-23C12	January 18, 1990	Unocal Oil	Mon	18	8-18	0-7
33	2S/3W-23C13	January 18, 1990	Unocal Oil	Mon	30	19-33	0-18
34	2S/3W-23C14	January 17, 1990	Unocal Oil	Mon	29	20-29	0-18
35	2S/3W-23C15	January 19, 1990	Unocal Oil	Mon	13	8-13	0-6.5
36	2S/3W-23C16	January 24, 1990	Unocal Oil	Mon	7	2-7	0-2
37	2S/3W-23C17	January 24, 1990	Unocal Oil	Mon	5	2-5	0-1.9
38	2S/3W-23C18	January 24, 1990	Unocal Oil	Mon	42	22-42	0-20

Notes and Abbreviations:

Location = Column number refers to map location on Figure 1.

Well ID = California State well identification number as recorded by the Department of Water Resources in Sacramento, California.

Mon = Monitoring well.

Unk = Unknown.

Invs = Exploratory boring only, no well constructed.

Prod = Production well.

C.P. = Cathodic Protection Well

Vap. = Vapor Extraction Well

ATTACHMENT G
Soil Stockpile Laboratory Analytical Reports



McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

Cambria Environmental Technology 1144 65 th Street, Suite C Oakland, CA 94608	Client Project ID: #98995742; 8930 Bancroft, Oakland	Date Sampled: 07/08/99
		Date Received: 07/09/99
	Client Contact: Troy Bugge	Date Extracted: 07/09/99
	Client P.O:	Date Analyzed: 07/09/99

07/16/99

Dear Troy:

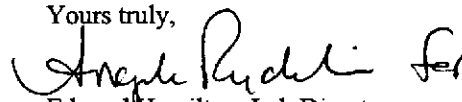
Enclosed are:

- 1). the results of 4 samples from your #98995742; 8930 Bancroft, Oakland project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,


Edward Hamilton, Lab Director



McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

Cambria Environmental Technology 1144 65 th Street, Suite C Oakland, CA 94608	Client Project ID: #98995742; 8930 Bancroft, Oakland	Date Sampled: 07/08/99
	Client Contact: Troy Buggle	Date Received: 07/09/99
	Client P.O:	Date Analyzed: 07/09/99
		Date Extracted: 07/09/99

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*
EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g) [†]	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
15154	SP-1-4	S	ND	ND	ND	ND	ND	ND	111
15155	SP-5-8	S	ND	ND	ND	ND	ND	ND	110
15156	SP-9-12	S	ND	ND	ND	ND	ND	ND	107
15157	SP-13-16	S	ND	ND	ND	ND	ND	ND	104
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	5.0	0.5	0.5	0.5	0.5	
	S		1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

* cluttered chromatogram; sample peak coelutes with surrogate peak

[†]The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.



McCAMPBELL ANALYTICAL INC.

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Cambria Environmental Technology 1144 65 th Street, Suite C Oakland, CA 94608	Client Project ID: #98995742; 8930 Bancroft, Oakland	Date Sampled: 07/08/99
	Client Contact: Troy Buggle	Date Received: 07/09/99
	Client P.O:	Date Analyzed: 07/09/99
		Date Extracted: 07/09/99

CAM / CCR 17 Metals*

EPA methods 6010/200.7; 7470/7471/245.1/245.5 (Hg); 7060/206.2 (As); 7740/270.2 (Se); 7841/279.2 (Tl); 239.2 (Pb, water matrix)

Lab ID	15154	15155	15156	15157	Reporting Limit		
Client ID	SP-1-4	SP-5-8	SP-9-12	SP-13-16	S	W	STLC, TCLP
Matrix	S	S	S	S	S	W	
Extraction ^o	TTLC	TTLC	TTLC	TTLC	TTLC	TTLC	
Compound	Concentration*				mg/kg	mg/L	mg/L
Antimony (Sb)	ND	ND	ND	ND	2.5	0.05	0.05
Arsenic (As)	ND	ND	ND	ND	2.5	0.005	0.25
Barium (Ba)	37	120	26	86	1.0	0.05	0.05
Beryllium (Be)	ND	ND	ND	ND	0.5	0.004	0.01
Cadmium (Cd)	ND	ND	ND	ND	0.5	0.005	0.01
Chromium (Cr)	10	44	11	27	0.5	0.005	0.05
Cobalt (Co)	2.4	10	2.1	7.1	2.0	0.05	0.05
Copper (Cu)	9.7	36	8.9	49	2.0	0.05	0.05
Lead (Pb)	3.7	7.5	ND	8.8	3.0	0.005	0.2
Mercury (Hg)	ND	0.072	ND	0.072	0.06	0.0008	0.0008
Molybdenum (Mo)	ND	ND	ND	ND	2.0	0.05	0.05
Nickel (Ni)	21	43	23	40	2.0	0.05	0.05
Selenium (Se)	ND	ND	ND	ND	2.5	0.005	0.25
Silver (Ag)	ND	ND	ND	ND	1.0	0.01	0.05
Thallium (Tl)	ND	ND	ND	ND	2.5	0.005	0.5
Vanadium (V)	7.3	45	8.1	26	2.0	0.05	0.05
Zinc (Zn)	19	62	19	67	1.0	0.05	0.05
% Recovery Surrogate	97	97	99	98			
Comments							

* water samples are reported in mg/L, soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in mg/L

ND means not detected above the reporting limit; N/A means surrogate not applicable to this analysis

^o EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22

* surrogate diluted out of range

* reporting limit raised due to matrix interference

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

JRH Edward Hamilton, Lab Director

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/08/99-07/09/99

Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#00684)			Amount Spiked	% Recovery		RPD
	MS	MSD			MS	MSD	
TPH (gas)	0.000	2.190	2.211	2.03	108	109	1.0
Benzene	0.000	0.210	0.212	0.2	105	106	0.9
Toluene	0.000	0.214	0.220	0.2	107	110	2.8
Ethylbenzene	0.000	0.218	0.224	0.2	109	112	2.7
Xylenes	0.000	0.634	0.650	0.6	106	108	2.5
TPH(diesel)	0	299	298	300	100	99	0.4
TRPH (oil and grease)	0.0	21.2	21.0	20.8	102	101	0.9

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

QC REPORT FOR METALS

Date: 07/08/99-07/09/99

Matrix: SOIL

Extraction:

TTLIC

Analyte	Concentration (mg/kg, mg/L)			Amount Spiked	% Recovery		RPD
	Sample	MS	MSD		MS	MSD	
Arsenic	0.0	5.0	4.9	5.0	99	98	1.3
Selenium	0.0	4.7	4.7	5.0	94	95	1.2
Molybdenum	0.0	4.9	4.9	5.0	98	98	0.6
Silver	0.0	0.5	0.5	0.5	104	102	1.0
Thallium	0.0	4.8	4.9	5.0	96	97	0.8
Barium	0.0	4.3	4.3	5.0	87	87	0.5
Nickel	0.0	5.1	5.1	5.0	102	102	0.0
Chromium	0.0	5.0	4.9	5.0	99	98	0.7
Vanadium	0.0	5.0	5.0	5.0	100	100	0.2
Beryllium	0.0	5.6	5.6	5.0	112	112	0.2
Zinc	0.0	5.2	5.2	5.0	105	104	0.5
Copper	0.0	4.9	4.9	5.0	99	98	0.9
Antimony	0.0	4.8	4.7	5.0	95	94	1.4
Lead	0.0	5.1	5.0	5.0	101	100	1.4
Cadmium	0.0	5.6	5.6	5.0	112	111	0.4
Cobalt	0.0	5.3	5.2	5.0	106	105	0.9
Mercury	0.000	1.020	0.988	1	102	99	3.2

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$



Site Address: 8930 Bancroft, Oakland, CA

Analysis Required

LAB: McCampbell

Incident # 98995742

CHECK ONE (X) BOX ONLY	C/D	TURN AROUND TIME
G.W. Monitoring <input type="checkbox"/>	4441	24 hours <input checked="" type="checkbox"/> 24 hr!
Site Investigation <input type="checkbox"/>	4442	48 hours <input type="checkbox"/>
Soil Classify/Disposal <input type="checkbox"/>	4442	16 days <input type="checkbox"/> (Normal)
Waste Classify/Disposal <input type="checkbox"/>	4443	Other <input type="checkbox"/>
Soil/Air Rem. or Sp. O & M <input type="checkbox"/>	4443	
Waste Rem. or Sp. O & M <input type="checkbox"/>	4443	NOTE: Notify Lab as soon as possible of 24/48 hrs. TAT.
Other <input type="checkbox"/>		

Shell Engineer: Brett Horland
Phone No.: 925-706-3189
Fax #: 778-7143

Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1114 65th St. Suite C, Oakland, CA 94608

Consultant Contact: TROY BUGGLE
Phone No.: 510-420-0700
Fax #: 420-9170

Comments:

Sampled by: TROY BUGGLE

Printed Name: Jim A. Bush

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.
SP-1	7.8.99		X			1
SP-2	7/8/99		X			1
SP-3	7/8/99		X			1
SP-4	7/8		X			1
SP-5	7/8		X			1
SP-6	7/8		X			1
SP-7	7/8		X			1
SP-8	7/8		X			1

TPH EPA 8015 Mod. 6020
TPH EPA 8015 Mod. Diesel
BTEX EPA 8020/5020
Vehicle Categories EPA 8240
Test for Disposal
Combustion TPH 8015 & BTEX 8020
Asbestos
Container Size
Preparation Used
Composite Y/N

TEST AGENCY:

MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
15154 } 4 pt.	Analyze per the attached Shell Waste Management Procedures
15155 } 4 pt.	(4B-28)

Retrieved By (signature): Jim A. Bush

Printed Name: TROY BUGGLE

Date: 7/8/99
Time: 11:00

Received (signature): David Mora

Printed Name: David Mora

Date: 7/9/99
Time: 11:00

Retrieved By (signature): David Mora

Printed Name: David Mora

Date: 7/9/99
Time: 11:00

Received (signature): H. Kizza

Printed Name: H. Kizza

Date: 7-9-99
Time: 11:00

Retrieved By (signature):

Printed Name:

Date:
Time:

Received (signature):

Printed Name:

Date:
Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS



Site Address: 8930 Bancroft, Oakland, CA

Analysis Required

LAB: McCampbell

Incident # 98995742

Shell Engineer: Brett Howland

Phone No.: 925-766-3189
Fax #: 778-7143

Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1114 65th St. Suite C, Oakland, CA 94608

Consultant Contact: TROY BUGGLE

Phone No.: 510-420-0700
Fax #: 420-9170

Comments:

Sampled by: TROY BUGGLE

Analyst Name: Tony A. Bussell

CHECK ONE (1) BOX ONLY	CI/DI	TURN AROUND TIME
G.W. Monitoring <input type="checkbox"/>	4401	24 hours <input checked="" type="checkbox"/> 24 hr!
SNA Investigation <input type="checkbox"/>	4401	48 hours <input type="checkbox"/>
Soil Cleanly/Disposal <input type="checkbox"/>	4402	16 days <input type="checkbox"/> (Normal)
Water Cleanly/Disposal <input type="checkbox"/>	4403	Other <input type="checkbox"/>
Soil/Air Rem. of Sys. O & M <input type="checkbox"/>	4402	
Water Rem. of Sys. O & M <input type="checkbox"/>	4403	
Other <input type="checkbox"/>		

NOTE: Notify Lab as soon as possible of 24/48 hr. LAT.

TEST AGENCY:

Sample ID	Date	Sledge	Soil	Water	Air	No. of conds.
SP-9	7/8		X			1
SP-10	7/8		X			1
SP-11	7/8		X			1
SP-12	7/8		X			1
SP-13	7/8		X			1
SP-14	7/8		X			1
SP-15	7/8		X			1
SP-16	7/8		X			1

TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	TEX (EPA 8003/602)	Volatile Organics (EPA 8240)	Test for Disposal	Concentration TPH 8015 & 8240	Asbestos	Container Size	Preparation Used	Composite Y/N

15156

4 pt.

15157

4 pt.

Analyze per the attached Shell Waste Management Procedures (4B-28)

Collected By (signature): Tony A. Bussell

Printed Name: TROY BUGGLE

Date: 7/8/99
Time: 4:30

Received (signature): David More

Printed Name: David More

Date: 7/9/99
Time: 9:55

Collected By (signature): David More

Printed Name: DAVID MORE

Date: 7/9/99
Time: 11:00

Received (signature): H. J. OCA

Printed Name: H. J. OCA

Date: 7-9-99
Time: 11:08

Collected By (signature):

Printed Name:

Date:

Received (signature):

Printed Name:

Date:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS



August 19, 1999

Service Request No.: S9902362

Mr. Troy Buggle
Cambria Environmental Technology, Inc.
1144 65th Street
Suite C
Oakland, CA 94608

RE: Incident # 98995742/Equiva

Dear Mr. Buggle:

Enclosed are the results of the sample(s) submitted to our laboratory on August 4, 1999. All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply to the sample(s) analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Signature of this CAS Analytical Report confirms that pages 2 through 50, following, have been thoroughly reviewed and approved for release.

Columbia Analytical Services is certified for environmental analyses by the California Department of Health Services (certificate number: 1496, expiration: January 31, 2001).

If you have any questions, please call me at (408) 748-9700.

Respectfully submitted,

Columbia Analytical Services, Inc.

Lori Tyler
Project Chemist

COLUMBIA ANALYTICAL SERVICES, Inc.**Acronyms**

A2LA	American Association for Laboratory Accreditation
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAM	California Assessment Metals
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
COD	Chemical Oxygen Demand
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
J	Estimated concentration. The value is less than the MRL, but greater than or equal to the MDL. If the value is equal to the MRL, the result is actually <MRL before rounding.
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MCL	Maximum Contaminant Level. The highest permissible concentration of a substance allowed in drinking water as established by the U. S. EPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl tert-Butyl Ether
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the paper industry for Air and Stream Improvement
ND	Not Detected at or above the method reporting/detection limit (MRL/MDL)
NIOSH	National Institute for Occupational Safety and Health
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992
STLC	Solubility Threshold Limit Concentration
SW	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed., 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
tr	Trace level. The concentration of an analyte that is less than the PQL but greater than or equal to the MDL. If the value is equal to the PQL, the result is actually <PQL before rounding.
TRPH	Total Recoverable Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

Total Metals

Sample Name: SP-1ABCD COMP
Lab Code: S9902362-025
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
Antimony	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Arsenic	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	20	
Barium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	200	
Beryllium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	0.6	
Cadmium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	ND	
Chromium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	41	
Cobalt	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	12	
Copper	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	34	
Lead	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	26	
Mercury	METHOD	7470	0.4	1	8/5/99	8/6/99	ND	
Molybdenum	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Nickel	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	45	
Selenium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Silver	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	ND	
Thallium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Vanadium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	50	
Zinc	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	92	

Approved By: _____

Eric Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

Total Metals

Sample Name: SP-2ABCD COMP
Lab Code: S9902362-026
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
Antimony	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Arsenic	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	17	
Barium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	190	
Beryllium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	0.6	
Cadmium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	ND	
Chromium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	45	
Cobalt	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	13	
Copper	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	43	
Lead	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	12	
Mercury	METHOD	7470	0.4	1	8/5/99	8/6/99	ND	
Molybdenum	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Nickel	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	46	
Selenium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Silver	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	ND	
Thallium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Vanadium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	53	
Zinc	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	57	

Approved By: _____

Lori Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

Total Metals

Sample Name: SP-3ABCD COMP
Lab Code: S9902362-027
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep	Analysis	MRL	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
	Method	Method						
Antimony	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Arsenic	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	19	
Barium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	220	
Beryllium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	0.7	
Cadmium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	ND	
Chromium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	48	
Cobalt	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	14	
Copper	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	41	
Lead	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	10	
Mercury	METHOD	7470	0.4	1	8/5/99	8/6/99	ND	
Molybdenum	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Nickel	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	53	
Selenium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Silver	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	ND	
Thallium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Vanadium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	57	
Zinc	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	58	

Approved By: _____

Peri Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

Total Metals

Sample Name: SP-4ABCD COMP
Lab Code: S9902362-028
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
Antimony	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Arsenic	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Barium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	200	
Beryllium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	0.7	
Cadmium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	2.8	
Chromium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	47	
Cobalt	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Copper	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	41	
Lead	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	12	
Mercury	METHOD	7470	0.4	1	8/5/99	8/6/99	ND	
Molybdenum	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	31	
Nickel	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	45	
Selenium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	320	
Silver	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	ND	
Thallium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Vanadium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	16	
Zinc	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	39	

Approved By: Lori Zyl Date: 8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

Total Metals

Sample Name: SP-5ABCD COMP
Lab Code: S9902362-029
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
Antimony	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Arsenic	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	16	
Barium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	210	
Beryllium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	0.6	
Cadmium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	ND	
Chromium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	50	
Cobalt	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	13	
Copper	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	50	
Lead	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	16	
Mercury	METHOD	7470	0.4	1	8/5/99	8/6/99	ND	
Molybdenum	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Nickel	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	54	
Selenium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Silver	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	ND	
Thallium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Vanadium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	54	
Zinc	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	68	

Approved By: _____

Lori Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

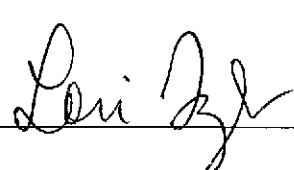
Total Metals

Sample Name: SP-6ABCD COMP
Lab Code: S9902362-030
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
Antimony	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Arsenic	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	17	
Barium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	170	
Beryllium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	0.6	
Cadmium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	ND	
Chromium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	59	
Cobalt	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	11	
Copper	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	40	
Lead	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	13	
Mercury	METHOD	7470	0.4	1	8/5/99	8/6/99	ND	
Molybdenum	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Nickel	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	61	
Selenium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Silver	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	ND	
Thallium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	5	
Vanadium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	45	
Zinc	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	60	

Approved By: _____



Date: 8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: NA
Date Received: NA

Total Metals

Sample Name: Method Blank
Lab Code: S990805-MB
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
Antimony	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Arsenic	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Barium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Beryllium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	ND	
Cadmium	EPA 3050BM	6010A	0.5	1	8/5/99	8/9/99	ND	
Chromium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Cobalt	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Copper	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Lead	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Mercury	METHOD	7470	0.4	1	8/5/99	8/6/99	ND	
Molybdenum	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Nickel	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	ND	
Selenium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Silver	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	ND	
Thallium	EPA 3050BM	6010A	5	1	8/5/99	8/9/99	ND	
Vanadium	EPA 3050BM	6010A	1	1	8/5/99	8/9/99	ND	
Zinc	EPA 3050BM	6010A	2	1	8/5/99	8/9/99	ND	

Approved By: _____

Leri Tyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
 Project: Incident # 98995742/Equiva
 Sample Matrix: Soil

Service Request: S9902362
 Date Collected: NA
 Date Received: NA
 Date Prepared: 8/5/99
 Date Analyzed: 8/9/99

Matrix Spike/Duplicate Matrix Spike Summary
 Total Metals

Sample Name: SP-1ABCD COMP Units: mg/Kg (ppm)
 Lab Code: S9902362-025MS, S9902362-025DMS Basis: Wet
 Test Notes:

Percent Recovery

Analyte	Prep Method	Analysis Method	MRL	Spike Level		Sample Result	Spike Result		CAS Acceptance		Relative Percent Difference	Result Notes	
				MS	DMS		MS	DMS	MS	DMS			Limits
Antimony	EPA 3050BM	6010A	5	100	100	ND	28	33	28	33	75-125	16	A
Arsenic	EPA 3050BM	6010A	5	100	100	20	110	110	90	90	75-125	<1	
Barium	EPA 3050BM	6010A	1	20	20	200	180	180	A	A	75-125	<1	A
Beryllium	EPA 3050BM	6010A	0.5	20	20	0.6	20	20	97	97	75-125	<1	
Cadmium	EPA 3050BM	6010A	0.5	20	20	ND	17	34	85	170	75-125	67	A
Chromium	EPA 3050BM	6010A	1	20	20	41	65	64	120	115	75-125	2	
Cobalt	EPA 3050BM	6010A	1	20	20	12	28	29	80	85	75-125	4	
Copper	EPA 3050BM	6010A	1	20	20	34	53	55	95	105	75-125	4	
Lead	EPA 3050BM	6010A	5	100	100	26	100	110	74	84	75-125	10	A
Mercury	METHOD	7470	0.4	2.5	2.5	ND	2.3	2.2	92	88	75-125	4	X1
Molybdenum	EPA 3050BM	6010A	1	20	20	ND	16	16	80	80	75-125	<1	
Nickel	EPA 3050BM	6010A	2	20	20	45	60	63	75	90	75-125	5	
Selenium	EPA 3050BM	6010A	5	100	100	ND	76	79	76	79	75-125	4	
Silver	EPA 3050BM	6010A	2	20	20	ND	17	17	85	85	75-125	<1	
Thallium	EPA 3050BM	6010A	5	100	100	ND	88	87	88	87	75-125	1	
Vanadium	EPA 3050BM	6010A	1	20	20	50	70	70	100	100	75-125	<1	
Zinc	EPA 3050BM	6010A	2	20	20	92	98	110	30	90	75-125	12	A

A Outside of acceptance limits. Because LCS results were acceptable, no further corrective action was taken.
 P Not applicable because of sample matrix. Accuracy of spike recovery value is reduced since the sample concentration was greater than the amount spike.
 X1 QC analysis was performed on S9902344-17.

Approved By: Peri J Date: 8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

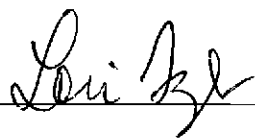
Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-1A
Lab Code: S9902362-001
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By:  Date: 8-19-99

1S22/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

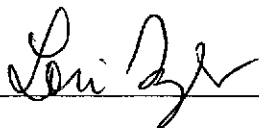
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-1B
Lab Code: S9902362-002
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

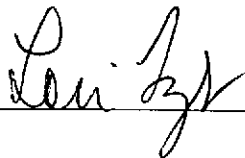
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-1C
Lab Code: S9902362-003
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.006	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

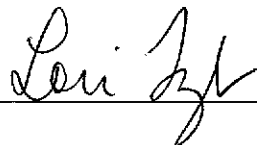
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-1D
Lab Code: S9902362-004
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.006	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
 Project: Incident # 98995742/Equiva
 Sample Matrix: Soil

Service Request: S9902362
 Date Collected: 8/4/99
 Date Received: 8/4/99

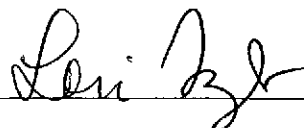
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-2A
 Lab Code: S9902362-005
 Test Notes:

Units: mg/Kg (ppm)
 Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

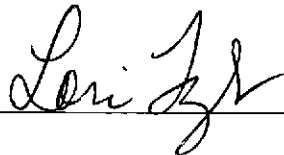
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-2B
Lab Code: S9902362-006
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.006	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.007	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By:



Date:

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

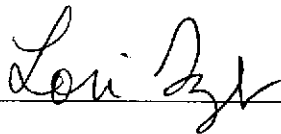
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-2C
Lab Code: S9902362-007
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.005	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____



Date: _____

8-12-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

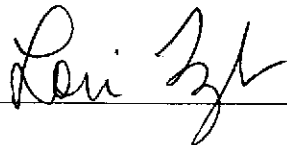
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-2D
Lab Code: S9902362-008
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.008	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By:



Date:

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-3A
Lab Code: S9902362-009
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____

Leizyl

Date: _____

8/19/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-3B
Lab Code: S9902362-010
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.006	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____

Lois Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

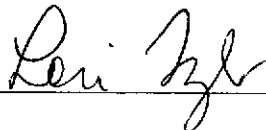
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-3C
Lab Code: S9902362-011
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.005	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-3D
Lab Code: S9902362-012
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____

Lori Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-4A
Lab Code: S9902362-013
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/17/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/17/99	0.007	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/17/99	ND	

Approved By: _____



Date: 8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-4B
Lab Code: S9902362-014
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/17/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/17/99	ND	

Approved By: _____

Lori Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-4C
Lab Code: S9902362-015
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/17/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/17/99	0.006	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/17/99	ND	

Approved By: _____

Eric Zyl

Date: 8/19/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

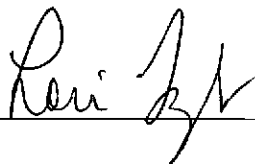
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-4D
Lab Code: S9902362-016
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.008	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.028	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-5A
Lab Code: S9902362-017
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.006	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	0.009	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____

Leri Zyl

Date: _____

8-17-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-5B
Lab Code: S9902362-018
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/17/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/17/99	0.006	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/17/99	ND	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-5C
Lab Code: S9902362-019
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/17/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/17/99	0.006	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/17/99	ND	

Approved By: _____

Lou Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

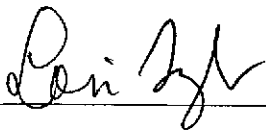
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-5D
Lab Code: S9902362-020
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/17/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/17/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/17/99	0.007	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/17/99	ND	

Approved By: _____



Date: _____

8-17-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-6A
Lab Code: S9902362-021
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/18/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/18/99	ND	

Approved By: _____

Leri Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-6B
Lab Code: S9902362-022
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/18/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/18/99	0.006	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/18/99	ND	

Approved By: _____

Lori Zyl

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

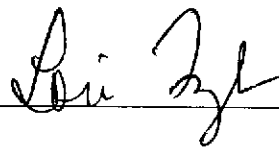
BTEX, MTBE and TPH as Gasoline

Sample Name: SP-6C
Lab Code: S9902362-023
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/18/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/18/99	0.006	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/18/99	ND	

Approved By: _____



Date: _____

8-18-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: 8/4/99
Date Received: 8/4/99

BTEX, MTBE and TPH as Gasoline

Sample Name: SP-6D
Lab Code: S9902362-024
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/18/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/18/99	0.010	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/18/99	ND	

Approved By: _____

Ravi Jiv

Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: NA
Date Received: NA

BTEX, MTBE and TPH as Gasoline

Sample Name: Method Blank
Lab Code: S990812-SB1
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/16/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/16/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/16/99	ND	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: NA
Date Received: NA

BTEX, MTBE and TPH as Gasoline

Sample Name: Method Blank
Lab Code: S990812-SB2
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	1	1	8/12/99	8/18/99	ND	
Benzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Toluene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	8/12/99	8/18/99	ND	
Methyl tert-Butyl Ether	EPA 5030	8020	0.05	1	8/12/99	8/18/99	ND	

Approved By: _____

Lori J...

Date: _____

8/19/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: NA

Surrogate Recovery Summary
 BTEX and TPH as Gasoline

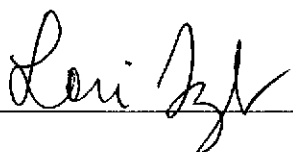
Prep Method: EPA 5030
Analysis Method: 8020 CA/LUFT

Units: PERCENT
Basis: NA

Sample Name	Lab Code	Test Notes	Percent Recovery	
			4-Bromofluorobenzene	a,a,a-Trifluorotoluene
SP-1A	S9902362-001		100	103
SP-1B	S9902362-002		106	95
SP-1C	S9902362-003		110	90
SP-1D	S9902362-004		109	96
SP-2A	S9902362-005		103	106
SP-2B	S9902362-006		104	105
SP-2C	S9902362-007		104	110
SP-2D	S9902362-008		106	101
SP-3A	S9902362-009		108	97
SP-3B	S9902362-010		108	99
SP-3C	S9902362-011		102	106
SP-3D	S9902362-012		110	89
SP-1A	S9902362-001MS		101	119
SP-1A	S9902362-001DMS		102	105
SP-1A	S9902362-001MS		93	111
SP-1A	S9902362-001DMS		95	112
Method Blank	S990812-SB1		105	114
Lab Control Sample	S990812-LCS1 BTEX		108	104
Lab Control Sample	S990812-LCS1TPHG		103	111

CAS Acceptance Limits: 51-137 51-137

Approved By: _____



Date: _____

8-19-85

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: NA

Surrogate Recovery Summary
 BTEX and TPH as Gasoline

Prep Method: EPA 5030
Analysis Method: 8020 CALUFT

Units: PERCENT
Basis: NA

Sample Name	Lab Code	Test Notes	Percent Recovery	
			4-Bromofluorobenzene	a,a,a-Trifluorotoluene
SP-4A	S9902362-013		106	93
SP-4B	S9902362-014		104	105
SP-4C	S9902362-015		107	104
SP-4D	S9902362-016		97	98
SP-5A	S9902362-017		108	92
SP-5B	S9902362-018		105	100
SP-5C	S9902362-019		102	99
SP-5D	S9902362-020		104	103
SP-6A	S9902362-021		101	108
SP-6B	S9902362-022		102	106
SP-6C	S9902362-023		106	102
SP-6D	S9902362-024		100	104
SP-6A	S9902362-0021MS		99	111
SP-6A	S9902362-0021DMS		99	107
SP-6A	S9902362-0021MS		100	109
SP-6A	S9902362-0021DMS		98	106
Method Blank	S990812-SB1		100	108
Lab Control Sample	S990812-LCS2 BTEX		105	112
Lab Control Sample	S990812-LCS2 TPHG		104	108

CAS Acceptance Limits: 51-137 51-137

Approved By: *Lou Zyl* Date: 8-19-89

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
 Project: Incident # 98995742/Equiva
 Sample Matrix: Soil

Service Request: S9902362
 Date Collected: NA
 Date Received: NA
 Date Extracted: 8/12/99
 Date Analyzed: 8/17/99

Matrix Spike/Duplicate Matrix Spike Summary
 BTE

Sample Name: SP-1A
 Lab Code: S9902362-001MS, S9902362-001DMS
 Test Notes:

Units: mg/Kg (ppm)
 Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Limits	Relative Percent Difference	Result Notes
				MS	DMS		MS	DMS	MS	DMS			
Benzene	EPA 5030	8020	0.005	0.5	0.5	ND	0.49	0.54	98	108	57-154	10	
Toluene	EPA 5030	8020	0.005	0.5	0.5	ND	0.51	0.54	102	108	60-142	6	
Ethylbenzene	EPA 5030	8020	0.005	0.5	0.5	ND	0.50	0.52	100	104	46-150	4	

Approved By: *Lori Zyl* Date: 8-19-99

DMS/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
 Project: Incident # 98995742/Equiva
 Sample Matrix: Soil

Service Request: S9902362
 Date Collected: NA
 Date Received: NA
 Date Extracted: 8/12/99
 Date Analyzed: 8/18/99

Matrix Spike/Duplicate Matrix Spike Summary
 TPH as Gasoline

Sample Name: SP-1A
 Lab Code: S9902362-001MS,
 Test Notes:

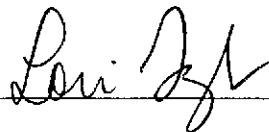
S9902362-001DMS

Units: mg/Kg (ppm)
 Basis: Wet

Percent Recovery

Analyte	Prep Method	Analysis Method	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Limits	Relative Percent Difference	Result Notes
			MRL	MS DMS		MS	DMS	MS	DMS			
Gasoline	EPA 5030	CA/LUFT	1	10 10	ND	10 10	100 100	67-121	<1			

Approved By: _____



Date: _____

8-19-99

DMS/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
LCS Matrix: Soil

Service Request: S9902362
Date Collected: NA
Date Received: NA
Date Extracted: 8/12/99
Date Analyzed: 8/17-18/99

Laboratory Control Sample Summary
BTEX and TPH as Gasoline

Sample Name: Lab Control Sample
Lab Code: S990812-LCS
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Benzene	EPA 5030	8020	0.5	0.55	110	57-154	
Toluene	EPA 5030	8020	0.5	0.56	112	60-142	
Ethylbenzene	EPA 5030	8020	0.5	0.54	108	46-150	
Gasoline	EPA 5030	CA/LUFT	10	9.67	97	67-121	

Approved By: _____



Date: _____

8-17-99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident # 98995742/Equiva

Service Request: S9902362
Date Analyzed: 8/16/99

Initial Calibration Verification (ICV) Summary
 BTEX, MTBE and TPH as Gasoline

Sample Name: ICV **Units:** mg/Kg (ppm)
Lab Code: ICV1 **Basis:** Wet
Test Notes:

ICV Source:

Analyte	Prep Method	Analysis Method	True Value	Result	CAS Percent Recovery		Result Notes
					Acceptance Limits	Percent Recovery	
TPH as Gasoline	EPA 5030	CA/LUFT	25	28	85-115	112	
Benzene	EPA 5030	8020	2.5	2.7	85-115	108	
Toluene	EPA 5030	8020	2.5	2.7	85-115	108	
Ethylbenzene	EPA 5030	8020	2.5	2.6	85-115	104	
Xylenes, Total	EPA 5030	8020	7.5	7.6	85-115	101	
Methyl <i>tert</i> -Butyl Ether	EPA 5030	8020	2.5	2.6	85-115	104	

Approved By: _____

Lori Zyl

Date: _____

8-19-99

ICV/032196

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

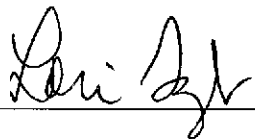
Client: Equiva Services
 Project: Incident # 98995742/Equiva
 Sample Matrix: Soil

Service Request: S9902362
 Date Collected: NA
 Date Received: NA
 Date Extracted: 8/12/99
 Date Analyzed: 8/19/99

Matrix Spike/Duplicate Matrix Spike Summary
 TPH as Gasoline

Sample Name: SP-6A Units: mg/Kg (ppm)
 Lab Code: S9902362-0021MS, S9902362-0021DMS Basis: Wet
 Test Notes:

Analyte	Prep Method	Analysis Method	Spike Level		Sample Result	Spike Result				Percent Recovery		Relative Percent Difference	Result Notes
			MRL	DMS		MS	DMS	MS	DMS	CAS Acceptance Limits			
Gasoline	EPA 5030	CA/LUFT	1	10	ND	8.48	9.40	85	94	67-121	11		

Approved By:  Date: 8-19-99

DMS/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: S9902362
Date Collected: NA
Date Received: NA
Date Extracted: 8/12/99
Date Analyzed: 8/19/99

Matrix Spike/Duplicate Matrix Spike Summary
BTE

Sample Name: SP-6A
Lab Code: S9902362-0021MS, S9902362-0021DMS
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Percent Recovery

Analyte	Prep Method	Analysis Method	MRL	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Limits	Relative Percent Difference	Result Notes
				MS	DMS		MS	DMS	MS	DMS			
Benzene	EPA 5030	8020	0.005	0.5	0.5	ND	0.52	0.51	104	102	57-154	2	
Toluene	EPA 5030	8020	0.005	0.5	0.5	ND	0.52	0.52	104	104	60-142	<1	
Ethylbenzene	EPA 5030	8020	0.005	0.5	0.5	ND	0.50	0.51	100	102	46-150	2	

Approved By: *Lori Zyl* Date: 8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident # 98995742/Equiva
LCS Matrix: Soil

Service Request: S9902362
Date Collected: NA
Date Received: NA
Date Extracted: 8/12/99
Date Analyzed: 8/17-19/99

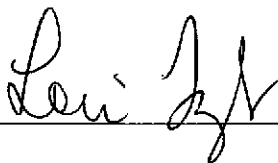
Laboratory Control Sample Summary
BTEX and TPH as Gasoline

Sample Name: Lab Control Sample
Lab Code: S990812-LCS
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS	Result Notes
						Percent Recovery Acceptance Limits	
Benzene	EPA 5030	8020	0.5	0.53	106	57-154	
Toluene	EPA 5030	8020	0.5	0.54	108	60-142	
Ethylbenzene	EPA 5030	8020	0.5	0.52	104	46-150	
Gasoline	EPA 5030	CA/LUFT	10	9.59	104	67-121	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services
Project: Incident # 98995742/Equiva

Service Request: S9902362
Date Analyzed: 8/18/99

Initial Calibration Verification (ICV) Summary
BTEX, MTBE and TPH as Gasoline

Sample Name: ICV
Lab Code: ICV1
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

ICV Source:

CAS
Percent Recovery

Analyte	Prep Method	Analysis Method	True Value	Result	Acceptance Limits	Percent Recovery	Result Notes
TPH as Gasoline	EPA 5030	CA/LUFT	25	28	85-115	112	
Benzene	EPA 5030	8020	2.5	2.6	85-115	104	
Toluene	EPA 5030	8020	2.5	2.6	85-115	104	
Ethylbenzene	EPA 5030	8020	2.5	2.6	85-115	104	
Xylenes, Total	EPA 5030	8020	7.5	7.4	85-115	99	
Methyl <i>tert</i> -Butyl Ether	EPA 5030	8020	2.5	2.3	85-115	92	

Approved By: Lou Jyl Date: 8-19-99

ICV/032196

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services LLC
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: K9905512
Date Collected: 8/4/99
Date Received: 8/4/99

Lead, Organic

Prep Method: CA LUFT
Analysis Method: 7420
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Sample Name	Lab Code	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
SP-1ABCD COMP	K9905512-001	0.5	1	8/18/99	8/18/99	ND	
SP-5ABCD COMP	K9905512-002	0.5	1	8/18/99	8/18/99	ND	
SP-6ABCD COMP	K9905512-003	0.5	1	8/18/99	8/18/99	ND	
Method Blank	K9905512-MB	0.5	1	8/18/99	8/18/99	ND	

Approved By: _____



Date: _____

8-17-99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services LLC
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

Service Request: K9905512
Date Collected: 8/4/99
Date Received: 8/4/99
Date Extracted: 8/18/99
Date Analyzed: 8/18/99

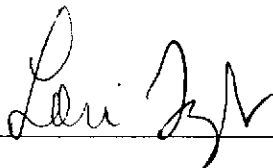
Duplicate Summary
Metals

Sample Name: SP-1ABCD COMP
Lab Code: K9905512-001DUP
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Lead, Organic	CA LUFT	7420	0.2	ND	ND	ND	-	

Approved By: _____



Date: _____

8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services LLC
Project: Incident # 98995742/Equiva
Sample Matrix: Soil

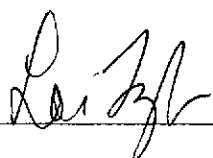
Service Request: K9905512
Date Collected: 8/4/99
Date Received: 8/4/99
Date Extracted: 8/18/99
Date Analyzed: 8/18/99

Matrix Spike Summary
Metals

Sample Name: SP-1ABCD COMP
Lab Code: K9905512-002MS
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS	Result Notes
								Percent Recovery	
Lead, Organic	CA LUFT	7420	0.2	8.0	ND	8.0	100	75-125	

Approved By:  Date: 8-19-99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services LLC
Project: Incident # 98995742/Equiva
LCS Matrix: Liquid

Service Request: K9905512
Date Collected: NA
Date Received: NA
Date Extracted: 8/18/99
Date Analyzed: 8/18/99

Laboratory Control Sample Summary
Total Metals

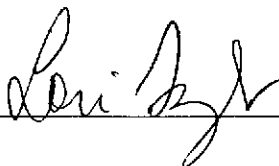
Sample Name: Laboratory Control Sample
Lab Code: K9905512-LCS
Test Notes:

Units: mg/L (ppm)
Basis: NA

Source: CAS Spike Solution

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS	Result Notes
						Percent Recovery Acceptance Limits	
Lead, Organic	CA LUFT	7420	1.6	1.6	100	80-120	

Approved By: _____



Date: _____

8-18-99



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: 8190236Z

Date: 8/4/99
Page 1 of 3

Silo Address: 8930 Bancroft Ave Oakland, CA

Analysis Required

LAB: Columbia

Incident # 98995742

Shell Engineer: Alex Perez / Karen Petryna Phone No.:

Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1114 65th St. Suite C, Oakland, CA 94608

Consultant Contact: Troy Buggle Phone No.: 510 420-0700
Fax #: 420-9170

Comments:

Sampled by: Troy Buggle

Printed Name: Troy Buggle

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	STEX (EPA 8020/502) + MTBE	Volatile Organics (EPA 8240)	Test for Disposal	Combustion: TPH 8015 & STEX 3020	CAM Metals	Asbestos	Container Size	Preparation Used	Composite Y/N	
SP-1A	8/4	①	X			1	X		X				X					
SP-1B	8/4	②	X			1	X		X				X					
SP-1C	8/4	③	X			1	X		X				X					
SP-1D	8/4	④	X			1	X		X				X					
SP-2A	8/4	⑤	X			1	X		X				X					
SP-2B	8/4	⑥	X			1	X		X				X					
SP-2C	8/4	⑦	X			1	X		X				X					
SP-2D	8/4	⑧	X			1	X		X				X					

CHECK ONE (1) BOX ONLY	C1/D1	TURN AROUND TIME
<input type="checkbox"/> G.W. Monitoring	4461	24 hours <input type="checkbox"/>
<input type="checkbox"/> Site Investigation	4441	48 hours <input type="checkbox"/>
<input type="checkbox"/> Soil Chemistry/Dispersion	4442	16 days <input type="checkbox"/> (Normal)
<input type="checkbox"/> Water Chemistry/Dispersion	4443	Other <input type="checkbox"/>
<input type="checkbox"/> Soil/Air Retn. of Sys. O & M	4452	
<input type="checkbox"/> Water Retn. of Sys. O & M	4453	
<input type="checkbox"/> Other		

NOTE: Itally take as soon as possible of 24/48 hrs. test.

5 days

TEST AGENCY: STD TAT

MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
Analyze per the Attached Shell Waste Mgmt Procedure Page 4B-28	25 4 point comp.
Run (ATP) for TPHs	4 pt. comp. 26

Requested by (signature): Troy Buggle

Printed Name: Troy Buggle

Date: 8/4/99
Time: 2:45

Received (signature): Brian Full

Printed Name: Brian Full

Date: 8/4/99
Time: 2:45

Requested by (signature):

Printed Name:

Date:
Time:

Received (signature):

Printed Name:

Date:
Time:

Requested by (signature):

Printed Name:

Date:
Time:

Received (signature):

Printed Name:

Date:
Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

DUE: 8/11/99 RZ



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: 5990 2362

Date: 8/4/99
Page 2 of 3

Silo Address: 8930 Bancroft, Oakland, CA

Analysis Required

LAB: Columbia

Incident # 98995742

Shell Engineer: Karen Petryna Phone No.:
Fax #:

Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1114 65th St. Suite C, Oakland, CA 94608

Consultant Contact: TROY BUGGLE Phone No.: 510 420-0700
Fax #: 420-9170

Comments:

Sampled by: TROY BUGGLE

Printed Name: Troy Buggle

Sample ID	Date	Sludge	Soil	Water	Air	No. of confs.
SP-3A	8/4	⑨	X			1
SP-3B	8/4	⑩	X			1
SP-3C	8/4	⑩	X			1
SP-3D	8/4	⑫	X			1
SP-4A	8/4	⑬	X			1
SP-4B	8/4	⑭	X			1
SP-4C	8/4	⑮	X			1
SP-4D	8/4	⑯	X			1

TPH (EPA 8015 Mod. GCS)	TPH (EPA 8015 Mod. Diesel)	STEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & STEX 8020	Asbestos	Container Size	Preparation Used	Composite Y/N
X	X	X	X		X				
X	X	X	X	4 pt.	X		4 pt.		
X	X	X	X		X				
X	X	X	X	4 pt.	X		4 pt.		
X	X	X	X		X				
X	X	X	X		X				

CHECK ONE (1) BOX ONLY	CI/MI	TURN AROUND TIME
G.W. Monitoring <input type="checkbox"/>	4441	24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/>	4441	48 hours <input type="checkbox"/>
Soil Classify/Disposal <input type="checkbox"/>	4442	16 days <input type="checkbox"/> (1/turn)
Water Classify/Disposal <input type="checkbox"/>	4443	Other <input type="checkbox"/>
Soil/Air Rem. of Sys. O & M <input type="checkbox"/>	4451	
Water Rem. of Sys. O & M <input type="checkbox"/>	4453	
Other <input type="checkbox"/>		

NOTE: Notify Lab as soon as possible of 24/48 hrs. TAT
5 days

UST AGENCY: STB

MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
Analyze per the Attached Shell Waste Mgmt. Procedures	27
	4 pt. Comp
Run A11 for TPH6	28
	4 pt. Comp

Retrieved By (Signature): Troy Buggle
Printed Name: TROY BUGGLE
Date: 8/4/99
Time: 2:48

Received (Signature): [Signature]
Printed Name: [Name]
Date: 8/4/99
Time: 2:48

Retrieved By (Signature): [Signature]
Printed Name: [Name]
Date: 8/4/99
Time: 2:48

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

DOE: 8/11/99 R2



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: 5990 2362

Date: 8/14/99
Page 3 of 3

Site Address: 8930 Bancroft Ave, Oakland, CA

Analysis Required

LAB: Columbia

Incident # 9899 5742

Shell Engineer: Karen Petryna Phone No.:
Fax #:

Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1114 65th St. Suite C, Oakland, CA 94608

Consultant Contact: TROY BUGGLE Phone No.: 510 420-0700
Fax #: 420-9170

Comments:

Sampled by: TROY BUGGLE

Printed Name: Troy Buggle

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.
SP-5A	8/4	(17)	X			1
SP-5B	8/4	(18)	X			1
SP-5C	8/4	(19)	X			1
SP-5D	8/4	(20)	X			1
SP-6A	8/4	(21)	X			1
SP-6B	8/4	(22)	X			1
SP-6C	8/4	(23)	X			1
SP-6D	8/4	(24)	X			1

TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	STX (EPA 8021/8022 + MTBE)	Vehicle Organics (EPA 8040)	Test for Disposal	Combination TPH 8015 & STX 8020	CAM Metals	Asbestos	Container Size	Preparation Used	Composite Y/N
X	X	X	X		X	X				
X	X	X	X	4 pt	X	X		4 pt		
X	X	X	X		X	X				
X	X	X	X	4 pt	X	X		4 pt		
X	X	X	X		X	X				
X	X	X	X		X	X				

CHECK ONE (BY) BOX ONLY	CI/DI	TURN AROUND TIME
G.W. Monitoring <input type="checkbox"/>	4441	24 hours <input type="checkbox"/>
SRA Investigation <input type="checkbox"/>	4441	48 hours <input type="checkbox"/>
Soil Cleanly/Disposal <input type="checkbox"/>	4442	16 days <input type="checkbox"/> (Normal)
Water Cleanly/Disposal <input type="checkbox"/>	4443	Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/>	4452	
Water Rem. or Sys. O & M <input type="checkbox"/>	4453	
Other <input type="checkbox"/>		

UST AGENCY: STP

MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
See Attached	} 29 4 pt, Comp.
Shell Waste	
Mgmt Procedures	
Pg 4B-28	} 30 4 pt, Comp.
Run (AU) for TPHg	

Relinquished By (signature): Troy Buggle Printed Name: TROY BUGGLE
Date: 8/14/99 Time: 2:45

Received (signature): Brian Felle
Date: _____ Time: _____
Received (signature): _____
Date: _____ Time: _____
Received (signature): _____
Date: _____ Time: _____

Printed Name: Brian Felle Date: 8/14/99
Time: 2:44
Printed Name: _____ Date: _____
Time: _____
Printed Name: _____ Date: _____
Time: _____

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

DUE: 8/11/99 RL

8/4
per
clia
CA

ISSUED DATE: 05/23/97
CANCELS ISSUE: 03/05/97
ISSUED BY: RLG

**MATERIAL: MINIMUM SOIL ANALYSIS FOR UST SOIL WITH
GASOLINE OR DIESEL CONTAMINATION**

USE FOR ARIZONA , CALIFORNIA AND NEVADA WASTE ONLY!!!

NOTE: ANALYSES ARE BASED ON CHARACTERIZATION MINIMUM. YOU MUST BE SURE THAT THE FACILITY WILL TAKE THE FOLLOWING AS ACCEPTANCE. FURTHER ANALYSIS MAY BE REQUIRED FOR CHARACTERIZATION UPON REVIEW BY THE WASTE TEAM MEMBER OR TO MEET DISPOSAL SITE REQUIREMENTS. IF THE MATERIAL IS RETURNED TO CONSULTANT, COPIES OF ALL TRANSPORTATION DOCUMENTS MUST BE SENT TO THE WASTE DISPOSAL COORDINATOR FOR RECORDING WHEN PROJECT IS COMPLETE.

MINIMUM REQUIRED TESTING

Note: If material is to be sent to a BFI facility EPA METHOD 8010 must be run IN ADDITION to the following analysis prior to requesting profile approval:

TPH = TOTAL PETROLEUM HYDROCARBONS, DHS GC-FID MOD 8015
GASOLINE OR DIESEL AS REQUIRED.

BTXE = EPA 8020 + MTBE

CAM METALS = TTLC LEAD, STLC LEAD IF TTLC => 50 MG/KG AND/OR
ORGANIC LEAD IF TTLC => 13 MG/KG

AQUATIC BIOASSAY (FISH TOX) IS ONLY TO BE RUN ON SAMPLES WITH
GREATER THAN 5000 PPM TPH. COMPOSITE A MAXIMUM OF 4 SAMPLES.

AQUATIC BIOASSAY (FISH TOX) = PART 800 OF "STANDARD METHODS FOR
THE EXAMINATION OF WATER AND WASTEWATER (15TH EDITION)"

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)

- 8015/8020 TO BE BILLED AS "COMBO" WITHOUT EXCEPTION
- TPH REQUIRED FOR ALL SAMPLES.
- ALL OTHER TESTS REQUIRED TO BE RUN ON COMPOSITE(S). MAXIMUM 4 SAMPLES PER COMPOSITE.
- STLC REQUIRED FOR METALS WITH TTLC VALUE 10 X STLC MAXIMUM.
- ORGANIC ANALYSIS REQUIRED FOR TTLC LEAD OF 13 MG/KG OR GREATER.
- LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS.
- MAIL OR FAX ALL ANALYSIS TO PERSON REQUESTING ANALYSIS.

PROCEDURE ORIGINAL DATE: 07/10/90
PROCEDURE REVISED DATE: 03/05/97



September 3, 1999

Service Request No.: S9902564

Mr. Troy Buggle
Cambria Environmental Technology, Inc.
1144 65th Street
Suite C
Oakland, CA 94608

RE: INC#98995742

Dear Mr. Buggle:


Enclosed are the results of the sample(s) submitted to our laboratory on August 4, 1999. All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply to the sample(s) analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Signature of this CAS Analytical Report confirms that pages 2 through 7, following, have been thoroughly reviewed and approved for release.

Columbia Analytical Services is certified for environmental analyses by the California Department of Health Services (certificate number: 1496, expiration: January 31, 2001).

If you have any questions, please call me at (408) 748-9700.

Respectfully submitted,

Columbia Analytical Services, Inc.


Lori Tyler
Project Chemist

COLUMBIA ANALYTICAL SERVICES, Inc.

Acronyms

A2LA	American Association for Laboratory Accreditation
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAM	California Assessment Metals
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
COD	Chemical Oxygen Demand
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
J	Estimated concentration. The value is less than the MRL, but greater than or equal to the MDL. If the value is equal to the MRL, the result is actually <MRL before rounding.
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MCL	Maximum Contaminant Level. The highest permissible concentration of a substance allowed in drinking water as established by the U. S. EPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl tert-Butyl Ether
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the paper industry for Air and Stream Improvement
ND	Not Detected at or above the method reporting/detection limit (MRL/MDL)
NIOSH	National Institute for Occupational Safety and Health
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992
STLC	Solubility Threshold Limit Concentration
SW	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed., 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
tr	Trace level. The concentration of an analyte that is less than the PQL but greater than or equal to the MDL. If the value is equal to the PQL, the result is actually <PQL before rounding.
TRPH	Total Recoverable Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services LLC
Project: INC#98995742
Sample Matrix: Soil

Service Request: S9902564
Date Collected: 8/4/99
Date Received: 8/4/99
Date STLC Performed:

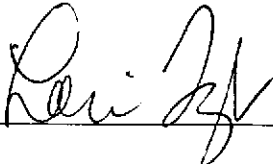
Metals
Soluble Threshold Limit Concentration (STLC)

Sample Name: SP-5ABCD
Lab Code: S9902564-009
Test Notes:

Units: mg/L (ppm)
Basis: NA

Analyte	Prep Method	Analysis Method	MRL	STLC Limits*	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
Chromium	EPA 3005	6010A	0.1	5	1	8/31/99	9/2/99	ND	

* State of California Code of Regulations, Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.24 and Article 5, Section 66261.126, Appendix II.

Approved By:  Date: 9-3-99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services LLC
Project: INC#98995742
Sample Matrix: Soil

Service Request: S9902564
Date Collected: 8/4/99
Date Received: 8/4/99
Date STLC Performed:

Metals
Soluble Threshold Limit Concentration (STLC)

Sample Name: SP-6ABCD
Lab Code: S9902564-010
Test Notes:

Units: mg/L (ppm)
Basis: NA

Analyte	Prep Method	Analysis Method	MRL	STLC Limits*	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
Chromium	EPA 3005	6010A	0.1	5	1	8/31/99	9/2/99	ND	

* State of California Code of Regulations, Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.24 and Article 5, Section 66261.126, Appendix II.

Approved By: Lori Zyl Date: 9-2-99



3334 Victor Court • Santa Clara, CA 95054
 (408) 748-9700 • FAX (408) 748-9860

CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

SERVICE REQUEST NO. 59902564 P.O.# _____ PAGE _____ OF _____

PROJECT NAME 8930 Bancroft Ave # 98995742
 PROJECT MGR. Troy Buggle
 COMPANY Cambria - Oakland
 ADDRESS _____
 PHONE (510) 420-3333
 FAX _____
 SAMPLER'S SIGNATURE _____

NUMBER OF CONTAINERS	ANALYSIS REQUESTED													REMARKS *							
	PRESERVATIVE	HCl	HCl	HCl	NP	NP	NP	HCl	HNO ₃	NP	H ₂ SO ₄	NaOH									
	Volatiles Organics BY GC/MS 624 <input type="checkbox"/> 8240 <input type="checkbox"/> 8260 <input type="checkbox"/>	Halogenated or Aromatic Volatiles 601/8010 <input type="checkbox"/> 602/8020 <input type="checkbox"/> 8021 <input type="checkbox"/>	TPH as Gas/BTEX <input type="checkbox"/>	TPH as Diesel <input type="checkbox"/>	Base/Neu/Acid Organics / GC/MS 625 <input type="checkbox"/> 8270 <input type="checkbox"/>	Pesticides & PCBs 608/8082 <input type="checkbox"/> Pesticides only 8081 <input type="checkbox"/> PCBs 8082 <input type="checkbox"/>	TRPH - 418.1 <input type="checkbox"/>	Oil and Grease Method Total <input type="checkbox"/> Indicate below	pH, Cond, Cl, SO ₄ , F, TDS, TSS Alk, NO ₃ , NO ₂ (circle) <input type="checkbox"/>	NH ₃ -N, COD, Total-P, TKN, TOC NO ₃ / NO ₂ , Phenols (circle)	Cyanide										

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX
SP-5A	8/4/99		①	soil
SP-5B			②	
SP-5C			③	
SP-5D			④	
SP-6A			⑤	
SP-6B			⑥	
SP-6C			⑦	
SP-6D			⑧	

RELINQUISHED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

RECEIVED BY:
 Signature Joseph Machado
 Printed Name JOSEPH MACHADO
 Firm CAS
 Date/Time 8/23/99 930

RELINQUISHED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

RECEIVED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

TURNAROUND REQUIREMENTS
 ___ 1 day ___ 2 day ___ 3 day
 5 day ___ Other
 Standard (10 working days)
 Results Due 8/30/99

REPORT REQUIREMENTS
 I. Routine Report
 II. Report (includes MS, MSD, as required, may be charged as samples)
 ___ III. Data Validation Report (includes All Raw Data)
 ___ MDLs/PQLs/Trace #
 ___ Electronic Data Deliverables

RELINQUISHED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____
 Shipped Via/Tracking # _____

RECEIVED BY:
 Signature Joseph Machado
 Printed Name JOSEPH MACHADO
 Firm CAS SC
 Date/Time 8/23/99

SAMPLE RECEIPT: Condition _____ Custody Seals _____
 SPECIAL INSTRUCTIONS/COMMENTS:
 Circle which metals are to be analyzed:
 Metals: Al Sb Ba Be B Cd Ca Cr Co Cu Fe Mg Mn Mo Ni K Ag Na Sn V Zn
 As Pb Se Ti Hg
request for additional analysis per client 8/23/99 at originally 59902362 rec'd 8/4/99
 Storage: R2



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: **ST902362**

Date: **8/7/99**

Page **1 of 3**

Silo Address: **8930 Bancroft Ave, Oakland, CA**

Incident # **98995742**

Shell Engineer: **Alex Perez / Karen Petryna** Phone No.:
 Fax #:

Consultant Name & Address: **CAMBRIA ENVIRONMENTAL**
1114 65th St. Suite C, Oakland, CA 94608

Consultant Contact: **Troy Bugge** Phone No.: **510 420-0700**
420-9170 Fax #:

Comments:

Sampled by: **Troy Bugge**

Printed Name: **Jim A. Byrd**

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.
SP-1A	8/4	①	X			1
SP-1B	8/4	②	X			1
SP-1C	8/4	③	X			1
SP-1D	8/4	④	X			1
SP-2A	8/4	⑤	X			1
SP-2B	8/4	⑥	X			1
SP-2C	8/4	⑦	X			1
SP-2D	8/4	⑧	X			1

Analysis Required

TPH (EPA 8015 Mod. Cond)	X
TPH (EPA 8015 Mod. Distad)	X
ATEX (EPA 8022/8023 + AITBE)	X
Volatile Organics (EPA 8240)	X
Test for Disposal	X
Combination TPH 8015 & ATEX 8022	X
CAM Metals	X
Asbestos	X
Container Size	4 pt.
Preparation Used	4 pt.
Composite Y/N	

LAB: **Columbia**

CHECK ONE (1) BOX ONLY	C/D/H	TURN AROUND TIME
G.W. Monitoring <input type="checkbox"/>	4441	24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/>	4441	48 hours <input type="checkbox"/>
Soil Classify/Disposal <input type="checkbox"/>	4442	16 days <input type="checkbox"/> (Normal)
Water Classify/Disposal <input type="checkbox"/>	4443	Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/>	4452	
Water Rem. or Sys. O & M <input type="checkbox"/>	4453	
Other <input type="checkbox"/>		

NOTE: Notify lab as soon as possible of 24/48 hr. lab. **5 days**

TEST AGENCY: **STD LAB**

MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
Analyze per the Attached Shell Waste Mgmt Procedures Page 4B-28	25 4 point comp.
Run (AIP) for TPH _g	26 4 pt. comp.

Retrieved By (signature): **Jim A. Byrd** Printed Name: **Troy Bugge** Date: **8/4/99** Time: **2:45**

Received (signature): **Brian Fulk** Printed Name: **Brian Fulk** Date: _____ Time: _____

Received (signature): _____ Printed Name: _____ Date: _____ Time: _____

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS.

Due: **8/11/99 RZ**



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: 5990 2362

Date: 8/4/99
Page 2 of 3

Silo Address: 8930 Bancroft, Oakland, CA

Incident # 98995742

Shell Engineer: Karen Petryna

Phone No.:

Fax #:

Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1114 65th St. Suite C, Oakland, CA 94608

Consultant Contact: TROY BUGGLE

Phone No.: 510

420-0700

Fax #: 420-9170

Comments:

Sampled by: TROY BUGGLE

Printed Name: Troy Buggle

Analysis Required

LAB: Columbia

CHECK ONE () BOX ONLY	CY/D	TURN AROUND TIME
G.W. Monitoring <input type="checkbox"/>	4461	24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/>	4441	48 hours <input type="checkbox"/>
Soil Charly/Disposal <input type="checkbox"/>	4442	16 days <input type="checkbox"/> (Normal)
Water Charly/Disposal <input type="checkbox"/>	4443	Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/>	4452	
Water Rem. or Sys. O & M <input type="checkbox"/>	4453	
Other <input type="checkbox"/>		

NOTE: Notify Lab as soon as possible of 24/HR Hrs. IAL

5 days

TEST AGENCY:

MATERIAL DESCRIPTION

SAMPLE CONDITION/ COMMENTS

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	STEX (EPA 8022/502)	Vehicle Organics (EPA 8240)	Test for Disposal	Combustion TPH 8015 & STEX 8022	CAM 17	Asbestos	Container Size	Preparation Used	Composite Y/N	
SP-3A	8/4	(9)	X			1	X	X	X			X	X					
SP-3B	8/4	(10)	X			1	X	X	X		4 pt.	X	X					
SP-3C	8/4	(11)	X			1	X	X	X		4 pt.	X	X					
SP-3D	8/4	(12)	X			1	X	X	X			X	X					
SP-4A	8/4	(13)	X			1	X	X	X			X	X					
SP-4B	8/4	(14)	X			1	X	X	X		4 pt.	X	X					
SP-4C	8/4	(15)	X			1	X	X	X			X	X					
SP-4D	8/4	(16)	X			1	X	X	X			X	X					

Analyze per the Attached Shell Waste Mgmt. Procedures
Run All for TPH6

27
4 pt. Comp
28
4 pt. Comp

Relinquished By (signature): Troy A Buggle

Printed Name: TROY BUGGLE

Date: 8/4/99
Time: 2:48

Received (signature): Brian Full

Printed Name: Brian Full

Date: 8/4/99
Time: 2:48

Relinquished By (signature):

Printed Name:

Date:
Time:

Received (signature):

Printed Name:

Date:
Time:

Relinquished By (signature):

Printed Name:

Date:
Time:

Received (signature):

Printed Name:

Date:
Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Due: 8/11/99 P7



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: S990 2362

Date: 8/14/99
Page 3 of 3

Silo Address: 8930 Bancroft Ave, Oakland, CA

Analysis Required

LAB: Columbia

~~WATER~~ Incident # 98995742

Shell Engineer: Karen Petryna Phone No.:
Fax #:
Consultant Name & Address: CAMBRIA ENVIRONMENTAL
1111 65th St. Suite C, Oakland, CA 94608
Consultant Contact: Troy Buggle Phone No.: 510
420-0700 Fax #: 420-9170

Comments: /

Sampled by: Troy Buggle

Printed Name: Troy Buggle

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.	TPH (EPA 8015 Med. Gas)	TPH (EPA 8015 Med. Diesel)	STX (EPA 8020/602) + MTBE	Volatile Organics (EPA 8240)	Test for Disposal	Combustion TPH 8015 & STX 8020	CAM Metals	Asbestos	Container Size	Preparation Used	Composite Y/N
SP-5A	8/4	(17)	X			1	X		X				X				
SP-5B	8/4	(18)	X			1	X		X		4 pt		X		4 pt		
SP-5C	8/4	(19)	X			1	X		X				X				
SP-5D	8/4	(20)	X			1	X		X				X				
SP-6A	8/4	(21)	X			1	X		X				X				
SP-6B	8/4	(22)	X			1	X		X		4 pt		X		4 pt		
SP-6C	8/4	(23)	X			1	X		X				X				
SP-6D	8/4	(24)	X			1	X		X				X				

CHECK ONE (1) BOX ONLY	CI/DI	TURN AROUND TIME
G.W. Monitoring <input type="checkbox"/>	4401	24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/>	4441	48 hours <input type="checkbox"/>
Soil Character/Disposal <input type="checkbox"/>	4442	16 days <input type="checkbox"/> (Normal)
Water Character/Disposal <input type="checkbox"/>	4443	Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/>	4452	
Water Rem. or Sys. O & M <input type="checkbox"/>	4453	
Other <input type="checkbox"/>		

NOTE: Daily Lab no more no Facility of 24/48 hrs. Lab

SLUG

UST AGENCY: STP

MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
See Attached Shell Waste Mgmt Procedures Pg 4B-28	29 4 pt. Comp.
Run (AU) for TPHg	30 4 pt. Comp.

Relinquished By (signature): <u>Troy Buggle</u>	Printed Name: <u>TROY BUGGLE</u>	Date: <u>8/14/99</u>	Time: <u>2:45</u>	Received (signature): <u>Brian Felle</u>	Printed Name: <u>Brian Felle</u>	Date: <u>8/14/99</u>	Time: <u>2:45</u>
Relinquished By (signature):	Printed Name:	Date:	Time:	Received (signature):	Printed Name:	Date:	Time:
Relinquished By (signature):	Printed Name:	Date:	Time:	Received (signature):	Printed Name:	Date:	Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

DUE: 8/17/99 P1.

ISSUED DATE: 05/23/97
CANCELS ISSUE: 03/05/97
ISSUED BY: RLG

**MATERIAL: MINIMUM SOIL ANALYSIS FOR UST SOIL WITH
GASOLINE OR DIESEL CONTAMINATION**

USE FOR ARIZONA , CALIFORNIA AND NEVADA WASTE ONLY!!!

NOTE: ANALYSES ARE BASED ON CHARACTERIZATION MINIMUM. YOU MUST BE SURE THAT THE FACILITY WILL TAKE THE FOLLOWING AS ACCEPTANCE. FURTHER ANALYSIS MAY BE REQUIRED FOR CHARACTERIZATION UPON REVIEW BY THE WASTE TEAM MEMBER OR TO MEET DISPOSAL SITE REQUIREMENTS. IF THE MATERIAL IS RETURNED TO CONSULTANT, COPIES OF ALL TRANSPORTATION DOCUMENTS MUST BE SENT TO THE WASTE DISPOSAL COORDINATOR FOR RECORDING WHEN PROJECT IS COMPLETE.

MINIMUM REQUIRED TESTING

Note: If material is to be sent to a BFI facility EPA METHOD 8010 must be run IN ADDITION to the following analysis prior to requesting profile approval:

TPH = TOTAL PETROLEUM HYDROCARBONS, DHS GC-FID MOD 8015
GASOLINE OR DIESEL AS REQUIRED.

BTXE = EPA 8020 + MTBE

CAM METALS = TTLC LEAD, STLC LEAD IF TTLC => 50 MG/KG AND/OR
ORGANIC LEAD IF TTLC => 13 MG/KG

AQUATIC BIOASSAY (FISH TOX) IS ONLY TO BE RUN ON SAMPLES WITH
GREATER THAN 5000 PPM TPH. COMPOSITE A MAXIMUM OF 4 SAMPLES.

AQUATIC BIOASSAY (FISH TOX) = PART 800 OF "STANDARD METHODS FOR
THE EXAMINATION OF WATER AND WASTEWATER (15TH EDITION)"

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)

- 8015/8020 TO BE BILLED AS "COMBO" WITHOUT EXCEPTION
- TPH REQUIRED FOR ALL SAMPLES.
- ALL OTHER TESTS REQUIRED TO BE RUN ON COMPOSITE(S). MAXIMUM 4 SAMPLES PER COMPOSITE.
- STLC REQUIRED FOR METALS WITH TTLC VALUE 10 X STLC MAXIMUM.
- ORGANIC ANALYSIS REQUIRED FOR TTLC LEAD OF 13 MG/KG OR GREATER.
- LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS.
- MAIL OR FAX ALL ANALYSIS TO PERSON REQUESTING ANALYSIS.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Equiva Services LLC
Project: INC#98995742
Sample Matrix: Soil

Service Request: S9902564
Date Collected: NA
Date Received: NA
Date STLC Performed:

Metals
Soluble Threshold Limit Concentration (STLC)

Sample Name: Method Blank Units: mg/L (ppm)
Lab Code: S990831-MB Basis: NA
Test Notes:

Analyte	Prep Method	Analysis Method	MRL	STLC Limits*	Dilution Factor	Date Prepared	Date Analyzed	Result	Result Notes
Chromium	EPA 3005	6010A	0.1	5	1	8/31/99	9/2/99	ND	

* State of California Code of Regulations, Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.24 and Article 5, Section 66261.126, Appendix II.

Approved By: Lori J. V. Date: 9-3-99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services LLC
 Project: INC#98995742
 Sample Matrix: Soil

Service Request: S9902564
 Date Collected: NA
 Date Received: NA
 Date Prepared: 8/31/99
 Date Analyzed: 9/2/99

Matrix Spike/Duplicate Matrix Spike Summary
 Metals

Sample Name: BATCH QC
 Lab Code: S9902623-007MS, S9902623-007DMS
 Test Notes:

Units: mg/L (ppm)
 Basis: NA

Percent Recovery

Analyte	Prep Method	Analysis Method	MRL	Spike Level		Sample Result	Spike Result				Percent Recovery		Result Notes
				MS	DMS		MS	DMS	MS	DMS	CAS Acceptance Limits	Relative Percent Difference	
Chromium	mg/L (ppm)	6010A	0.1	0.10	0.10	ND	0.09	0.09	90	90	75-125	<1	

Approved By: *Lori Zyl* Date: 9-3-99

DMS/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Equiva Services LLC
Project: INC#98995742
LCS Matrix: Soil

Service Request: S9902564
Date Collected: NA
Date Received: NA
Date Prepared: 8/31/99
Date Analyzed: 9/2/99

Laboratory Control Sample Summary
Metals

Sample Name: Lab Control Sample
Lab Code: S990831-LCS
Test Notes:

Units: mg/L (ppm)
Basis: NA

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Chromium	EPA 3005	6010A	0.10	0.10	100	75-125	

Approved By: _____

Date: _____

9-3-99