



December 15, 1995

Ms. Susan L. Hugo
Senior Hazardous Waste Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

**Re: Supplemental Investigation Report - Clearprint Paper Company Facility,
Emeryville, California**

Dear Ms. Hugo:

Clearprint Paper Company (Clearprint) is pleased to submit the report for the supplemental investigation at the referenced site that was performed by Environmental Strategies Corporation (ESC) in October 1995. Clearprint has reviewed the report and concurs with the conclusions made by ESC.

If you have any questions or comments, please contact me.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Ira Weinberg".

Ira Weinberg
President

Enclosures

cc: Gail Port, Proskauer Rose Goetz and Mendelsohn LLP
Richard Freudenberger, Environmental Strategies Corporation (letter only)



ENVIRONMENTAL STRATEGIES CORPORATION

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**SUPPLEMENTAL INVESTIGATION
OF THE FORMER UNDERGROUND STORAGE TANK AREA**

**CLEARPRINT PAPER COMPANY
EMERYVILLE, CALIFORNIA**

PREPARED

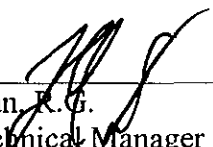
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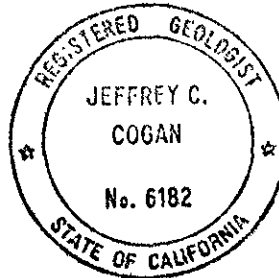
DECEMBER 14, 1995

Certification

I certify under penalty of law that this document, Supplemental Investigation of the Former Underground Storage Tank Area, dated December 15, 1995, and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the facility, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.



Jeff Cogan, R.G.
Title: Technical Manager
Environmental Strategies Corporation



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Executive Summary

Environmental Strategies Corporation (ESC) was retained by Proskauer Rose Goetz & Mendelsohn LLP to perform a supplemental soil and groundwater investigation at the Clearprint Paper Company (Clearprint) facility in Emeryville, California. The supplemental investigation work was performed on October 10, 11, and 17, 1995, in accordance with a work plan dated September 7, 1995, and approved by the Alameda County Department of Environmental Health (DEH) on September 26, 1995.

The supplemental investigation was performed to identify the extent, if any, of contamination associated with releases from the former underground storage tanks (USTs) at the site and to determine whether upgradient sources of contamination have adversely affected environmental conditions at the Clearprint facility. The supplemental investigation was performed in response to DEH's June 1, 1995 letter requiring further site investigation subsequent to the tank removal and soil excavation work performed by MARCOR of California, Inc. (MARCOR) in September and early October 1994. The four former USTs were located under the sidewalk between the south side of the Clearprint building and 67th Street. Two of the tanks (one 8,000 gallon and one 1,000 gallon) were constructed of steel and were installed in approximately 1950-1951 and the other two tanks (one 10,000 steel and one 10,000 gallon fiberglass) were installed in approximately 1978-1979. The tanks contained solvents and mineral oil that were used to produce transparent paper products. Certain solvents which may have contained very low percentages of benzene, toluene, and xylene were used until August 1990. No solvents containing ethylbenzene were ever used at the facility and xylene was a constituent of solvents used until 1984. After removing the tanks and performing limited over-excavation, MARCOR, under oversight of the DEH, collected soil samples from the sidewalls and bottoms of the tank excavations and submitted them to Trace Analysis Laboratory, Inc., of Hayward, California, for analysis of total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), and benzene, toluene, ethylbenzene, and xylene (BTEX). The analytical results for the MARCOR soil samples showed maximum levels of TPH-G at 610 mg/kg, TPH-D at 340 mg/kg, benzene at 14 mg/kg, toluene at 320 mg/kg, ethyl benzene at 210 mg/kg, and xylenes at 58 mg/kg.

During the MARCOR investigation, groundwater was encountered at approximately 10 feet below ground surface (bgs). MARCOR collected two grab samples of the groundwater that flowed into the

excavation and submitted them to Trace for analysis. The analytical results for the MARCOR groundwater samples showed a maximum of 19,000 µg/l TPH-D and a maximum of 12,000 µg/l of total oil and grease. No TPH-G or BTEX compounds were detected in either of the groundwater samples at or above analytical detection levels.

The supplemental investigation performed by ESC included the installation of six soil borings, SB-1 through SB-3 and MW-1 through MW-3. Soil borings MW-1 through MW-3 were completed as monitoring wells to allow for the collection of groundwater samples. As required by the DEH, ESC installed one of the monitoring wells (MW-1) within ten feet of the downgradient former UST, based on the assumed direction of groundwater flow. MW-2 and MW-3 were placed upgradient from the area of the former USTs to check for upgradient sources of contamination. A minimum of two soil samples were collected from each soil boring, except SB-3 where auger refusal was encountered at approximately 9.5 feet bgs. In each soil boring, attempts were made to collect the most contaminated samples based on field observations and PID readings. Attempts were also made to collect a sample from each soil boring at the soil/groundwater interface. During the installation of the soil borings, groundwater at the site was encountered at approximately 17 feet bgs in MW-1 and at approximately 12.5 feet bgs in MW-2. Groundwater in soil boring MW-3 was first encountered at approximately 11 feet bgs.

All of the soil samples collected during the supplemental investigation were submitted for analysis for TPH-G, TPH-D, TPH as mineral oil, and BTEX compounds. Soil sample analytical results indicate the presence of TPH and BTEX contamination in the samples collected from all of the soil borings except MW-2. TPH-G and BTEX levels were highest just above the water table, where the groundwater has fluctuated over the years. The highest level of TPH as mineral oil was detected at 24 mg/kg in sample SB-3 (upgradient of the former USTs) at nine feet bgs.

After groundwater monitoring wells MW-1, MW-2, and MW-3 were constructed, they were developed by alternately bailing and surging the water within the well casings. Groundwater samples from all of the wells at the site were collected after development on October 17, 1995. The samples were submitted for TPH and BTEX analyses.

The analytical results for the groundwater samples show that TPH and BTEX groundwater contamination is present in an area that encompasses MW-1 and MW-3. The maximum level of TPH-D (590 µg/l) was detected in the groundwater sample collected from MW-1. The maximum level of TPH-G

(8,600 µg/l) was detected in MW-3, located upgradient of the former USTs. The maximum level of benzene (730 µg/l) and toluene (2,100 µg/l) were also detected in MW-3. The higher levels of TPH-G and BTEX contamination upgradient of the Clearprint facility indicate that there is a source(s) of contamination upgradient of the Clearprint site that is impacting the groundwater beneath the Clearprint facility.

The first of six proposed monthly groundwater elevation measurement events was performed on November 21, 1995. No measurable floating product was detected in any of the wells during the October 1995 well sampling event or during the subsequent November 1995 groundwater elevation measurement event. Based on the observed groundwater flow direction, MW-1 is located downgradient of the former underground storage tanks, and MW-2 and MW-3 are upgradient of the former tanks. The slope of the gradient is relatively steep across the site to the west and it is highly unlikely that groundwater has ever flowed east, in the reverse direction.

A hydrocarbon/solvent odor was observed in soil borings SB-2 and MW-3 during installation. The hydrocarbon/solvent odor was also observed during the well development sampling activities performed on October 17, 1995, and during the November 21, 1995 groundwater elevation measurement event.

As a result of the findings of this investigation, it is recommended that groundwater elevation readings at the site continue to be monitored on a monthly basis until April 1996 to confirm the continuing westerly groundwater flow direction. No additional groundwater monitoring or remedial action is recommended at the Clearprint facility. These recommendations are made based on the following:

- A source(s) of contamination exists upgradient of the Clearprint facility that is impacting the groundwater beneath the Clearprint facility.
- The contamination from the former USTs at the Clearprint site has been removed. Any minor residual soil contamination, if any, in the soil near the former underground storage tanks is unlikely to have resulted from releases from Clearprint due to the nature of the compounds detected. Additionally, the residual contamination is beneath a paved area. As such, it is unlikely to contribute to the existing conditions found in the area of the Clearprint facility and does not present a human health risk because the shallow groundwater is not used as a potable water supply.

Introduction

Environmental Strategies Corporation (ESC) was retained by Proskauer Rose Goetz & Mendelsohn LLP to perform a supplemental soil and groundwater investigation in the vicinity of the four former underground storage tanks (USTs) at the Clearprint Paper Company (Clearprint) facility located at 1482 67th Street in Emeryville, Alameda County, California (Figure 1).

The investigation was performed in response to the Alameda County Department of Environmental Health (DEH) June 1, 1995 letter to Clearprint requiring further investigation of the contamination discovered during the removal of the former USTs. The letter stated that the vertical and lateral extent of the soil or groundwater contamination must be determined, and that, at a minimum, one groundwater monitoring well must be installed within ten feet of the former tanks in the verified downgradient direction.

The supplemental investigation was conducted in October 1995 in accordance with the September 7, 1995, workplan that was approved by the DEH on September 26, 1995. During the supplemental investigation, ESC installed and sampled six onsite and offsite soil borings (SB-1 through SB-3 and MW-1 through MW-3) and completed borings MW-1 through MW-3 as two-inch diameter monitoring wells. The wells were also sampled as part of the supplemental investigation. The locations of the soil borings and monitoring wells are shown in Figure 2.

The objectives of the October 1995 investigation were to further define the extent of total petroleum hydrocarbon (TPH) and benzene, toluene, ethylbenzene, and xylene (BTEX) contamination in the area of the former Clearprint USTs and to determine whether offsite contamination sources may be adversely affecting environmental conditions at the site. The supplemental investigation was performed in response to DEH's June 1, 1995 letter requiring further site investigation subsequent to tank removal and soil excavation work performed by MARCOR in September and early October 1994. During the MARCOR tank removal, verification samples were collected under the oversight of the DEH.

Before beginning the investigation, ESC obtained an encroachment permit from the city of Emeryville (Appendix A) and a drilling permit from the Alameda County Flood Control and Water Conservation District (Appendix B). ESC also submitted notification of the work schedule and a site specific health and safety plan to the DEH before commencing the field work. All of the samples

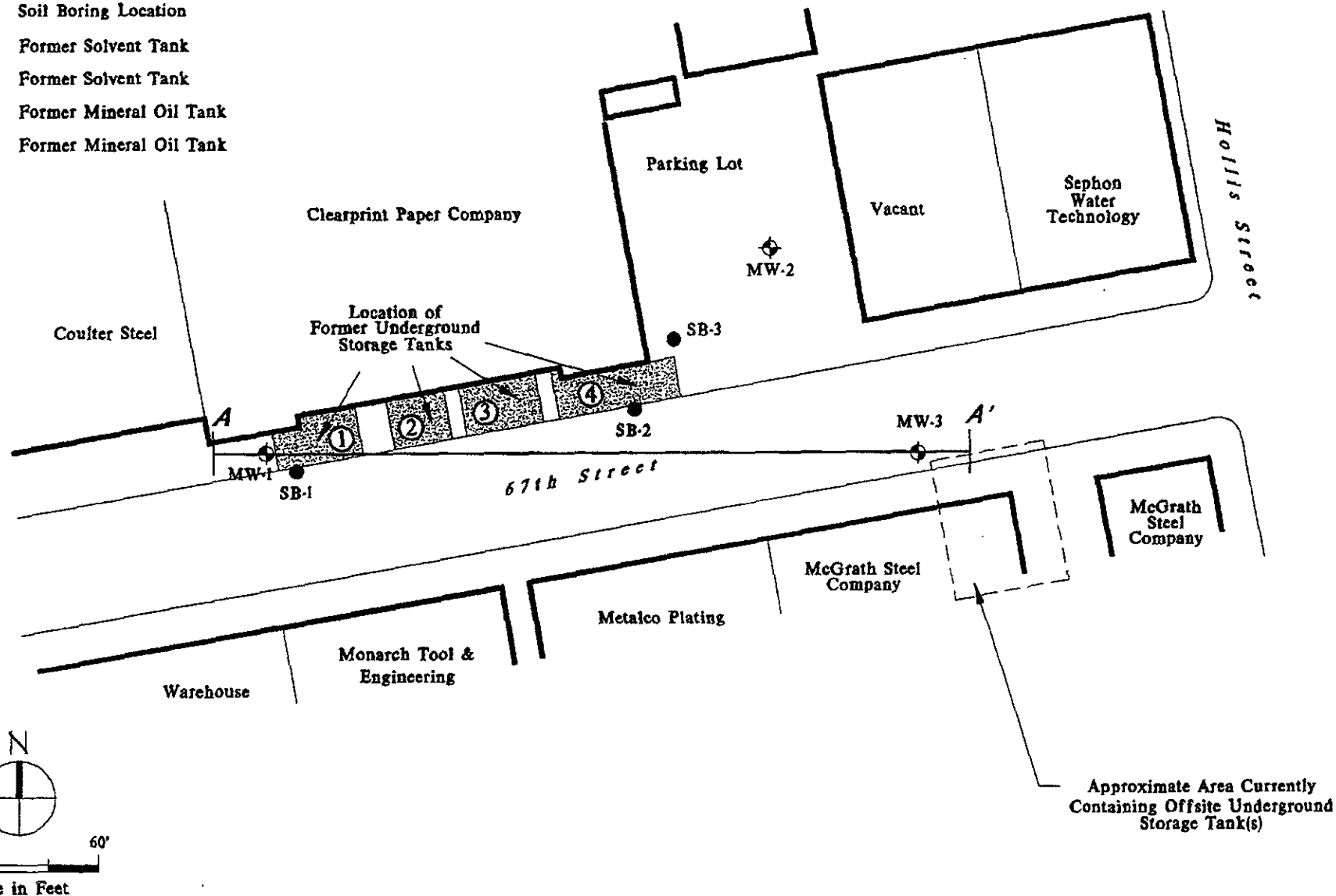


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Figure 1
 Site Location
 Clearprint Paper Co.
 Emeryville, California

Legend

- ⊕ Monitoring Well Location
- Soil Boring Location
- ① Former Solvent Tank
- ② Former Solvent Tank
- ③ Former Mineral Oil Tank
- ④ Former Mineral Oil Tank



collected during the supplemental investigation were submitted to Anametrix Laboratories in San Jose, California, a California state-certified laboratory. All of the samples were analyzed for TPH as gasoline (TPH-G), TPH as diesel (TPH-D), TPH as mineral oil using modified Environmental Protection Agency (EPA) Method 8015, and BTEX compounds using EPA Method 8020.

Soil samples were collected on October 10 and 11, 1995 from six borings (SB-1 through SB-3 and MW-1 through MW-3) installed downgradient and upgradient of the former underground storage tank area. Soil boring SB-1 was installed adjacent to Tank 1, SB-2 was adjacent to Tank 4, and SB-3 was installed northeast of Tank 4. Soil boring MW-1 was installed west, and within 10 feet, of Tank 1, soil boring MW-2 was installed in the Clearprint parking lot, approximately 60 feet northeast of Tank 4, and soil boring MW-3 was installed approximately 100 feet southeast of Tank 4 in front of the McGrath Steel Company (McGrath). A minimum of two soil samples were collected from each soil boring, except SB-3 where auger refusal was encountered at approximately 9.5 feet bgs. Only one sample was collected from SB-3 at 9 feet bgs.

In each soil boring, attempts were made to collect the most contaminated samples from each boring based on observations and field photoionization detector (PID) readings. The samples having the highest field PID readings were collected and submitted to the laboratory for analysis. In each soil boring, attempts were made to collect a soil sample from each soil boring at just above the soil/groundwater interface.

After the wells were developed, groundwater samples were collected from monitoring wells MW-1 through MW-3 on October 17, 1995.

This report presents the background of the former USTs at the Clearprint facility, describes the environmental setting, summarizes the findings of the MARCOR work and ESC's supplemental investigations at the site, and presents conclusions and recommendations based on the findings of the investigations conducted at the site.

Facility Description

The Clearprint building at 1482 67th Street, in Emeryville, California, contains office space and production areas that have been used by Clearprint to manufacture specialty paper products since approximately 1950. To produce transparent paper products, Clearprint used solvents until August 1990

and continues to use mineral oil. These materials were stored within the former USTs that were located under the sidewalk between the Clearprint building and 67th Street (Figure 2).

The Clearprint facility is located in a commercial/industrial area where numerous releases have occurred from offsite USTs. A regulatory database search revealed 48 sites with leaking underground storage tanks (LUSTs) within 0.5-mile of Clearprint: 10 within 0.125-mile, 14 between 0.125-mile and 0.25-mile, and 24 between 0.25-mile and 0.5-mile of Clearprint. Of the 10 sites with LUSTs within 0.125-mile of Clearprint, seven are listed as having affected groundwater with gasoline and three are listed as having affected groundwater with diesel. One of the seven sites where gasoline has affected groundwater is listed as having affected the drinking water supply. The McGrath facility, at 6655 Hollis Street, is shown as having two 2,000-gallon USTs, one containing diesel and one containing unleaded gasoline. McGrath does not, however, appear on the LUST database. Of the 14 sites with LUSTs that are located between 0.125-mile and 0.25-mile from Clearprint, five are shown as having released gasoline to groundwater, two are shown as having released diesel to groundwater, one released methyl ethyl ketone to an unknown media, and one released auto fuels, oils, and fluids to an unknown media. The remaining sites with LUSTs within 0.25-mile of Clearprint are listed as having affected soil/sand/land, or as "case closed". The regulatory database search report is included as Appendix C.

Businesses in the area of the Clearprint facility include a junkyard to the north; Sephon Water Technology to the east; McGrath Steel Company to the southeast; Metalco Plating, Monarch Tool and Engineering to the south, and Coulter Steel to the west.

Background

According to Clearprint personnel, two of the USTs were installed in approximately 1950-1951, and two were installed in 1978-1979. Of the tanks that were installed in 1950-1951, one was an 8,000-gallon steel tank (tank 2) used to store solvent and one was a 1,000-gallon steel tank (tank 3) used to store mineral oil. Two additional 10,000 gallon USTs were installed in 1978-1979. One of the additional tanks was constructed of fiberglass (tank 1) and one was constructed of steel (tank 4). One of the 10,000-gallon tanks stored solvent (tank 1) and the other stored mineral oil (tank 4). The mineral oil and solvents were used to produce Clearprint's transparent paper products. According to facility personnel, tanks 1 and 2 historically contained solvents only while tanks 3 and 4 were only used to store mineral oil.

Several of the solvents historically used by Clearprint may have contained low levels of benzene, toluene, and xylene compounds. No solvents used by Clearprint ever contained ethylbenzene. Based on a review of documentation supplied to ESC by Clearprint personnel, the maximum percentage by volume of these compounds contained in any of the solvents was 0.1% benzene, 6.4% toluene, and 1.3% xylenes. Xylene was a constituent of the solvents until 1984. No solvent containing any of these compounds has been used at the Clearprint facility since August 1990.

Environmental Setting

Topography

In general, the topography of the Emeryville area is relatively flat and slopes to the west toward the San Francisco Bay. The elevation in the Emeryville area ranges between approximately 40 feet to the east and sea level to the west. The facility is located approximately 20 feet above mean sea level in an area that slopes gently to the west. The San Francisco Bay is located approximately 0.38-mile to the west of the facility.

Geology

The San Francisco Bay lies in a low area in the central Coast Range geomorphic province of California. The Coast Range is a region of northwest trending faults, hills, and valleys. The Clearprint site is located on the flatlands of east San Francisco Bay, approximately 0.38-mile east of the edge of the Bay in Emeryville (Figure 1). The Bay is a drowned valley which is thought to have originally formed by erosion of the ancestral Sacramento River and subsequently widened by subsidence and a rise in sea level. Quaternary (Pleistocene to recent) sediments deposited in what is now the Bay include both shallow marine and continental deposits.

The youngest surficial deposit in the area is known as "Bay Mud" and generally occurs in the low lying areas adjacent to the Bay. Bay Mud is composed of unconsolidated, olive gray, blue gray, or black silty clay. Bay Mud is typically highly plastic and varies from soft to stiff in consistency. Organic remains, such as shells and peat, are not uncommon. Permeability is generally low except where lenses of sand occur. Bay Mud is mainly derived from the sediment load carried by the Sacramento and San Joaquin Rivers and has been deposited in the Bay for almost 10,000 years and continues to be deposited

today. The Franciscan Complex is an assemblage of deformed and altered sediments and volcanic rocks which commonly form the basement rock in the San Francisco Bay region. The depth to bedrock below the site is not known.

Based on field observations, the subsurface material beneath the site is characterized as alluvium composed of fine to coarse grain clayey and silty sands.

Hydrogeology

The dominant characteristic of the area of the Clearprint facility are the interbedded layers of the Bay Mud alluvial deposits. Groundwater was encountered at approximately 12.5 feet bgs in soil borings SB-1 and MW-1, at approximately 14.5 feet bgs in SB-2, and at approximately 17 feet in MW-2. Groundwater was not encountered in SB-3 because of auger refusal at approximately 9.5 feet bgs. The water bearing zone was more difficult to determine in soil boring MW-3, likely because of thinner interbedded layers of water bearing soils. Clayey soils above the water bearing layers may have been smeared across the thinner saturated layers by the drill augers, thereby preventing water from entering the borehole. Based on PID readings and sample analytical results, however, groundwater was likely first encountered at approximately 11 feet bgs in MW-3.

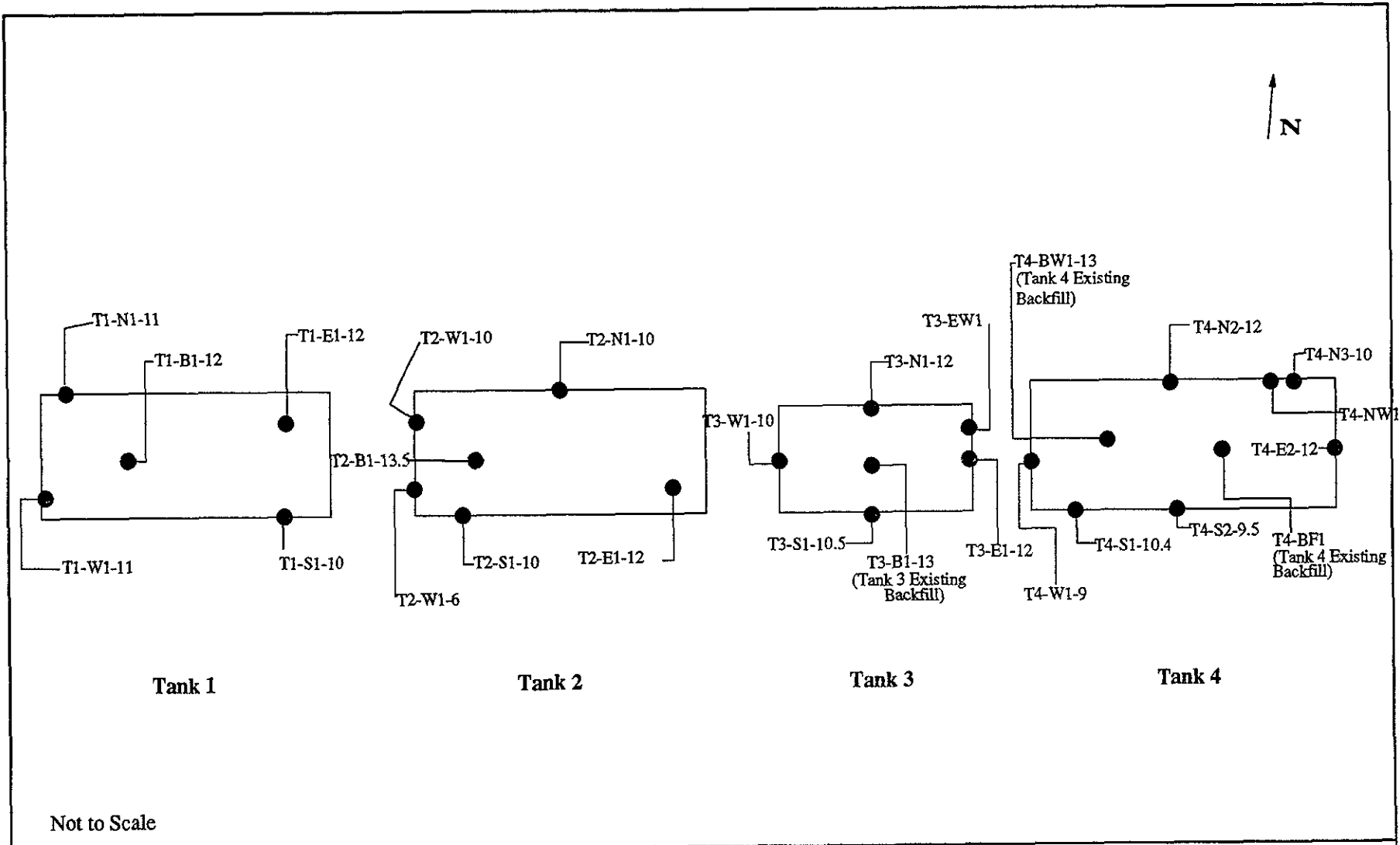
Groundwater recharge within the Bay Mud is primarily from precipitation and seepage from the local streams. The water quality of the unconsolidated alluvial water bearing zone in the vicinity of the facility is generally of poor quality and is not used as a potable source. Groundwater flow within the shallow saturated zone is generally west.

Previous Investigation

In September and early October 1994, MARCOR removed four USTs at the site. At the time of removal, evidence of corrosion were observed in the 8,000-gallon steel tank and a hole was observed in the 1,000-gallon steel tank. After removing the tanks and performing over-excavation, MARCOR, under oversight of the DEH, collected verification soil samples from the sidewalls and bottoms of the tank excavations, and submitted them to Trace Analysis Laboratory, Inc. (Trace), of Hayward, California, for TPH, oil and grease, and BTEX analyses. The approximate locations of the MARCOR soil samples are shown in Figure 3.

The highest concentrations of contaminants in the verification soil samples were TPH-G at 610 mg/kg, TPH-D at 340 mg/kg, benzene at 14 mg/kg, toluene at 320 mg/kg, ethyl benzene at 210 mg/kg, and xylenes at 58 mg/kg. These concentrations were in the area of Tank 4 which did not show any evidence of a leak and which, according to facility personnel, never contained anything but mineral oil. As part of the tank removal, approximately 520 cubic yards of soil were excavated and removed. The soil was taken by Consolidated Waste Industries, Inc., to the Gibson Oil and Refinery facility in Bakersfield, California for disposal.

During the MARCOR tank removal and investigation, groundwater was reportedly encountered at approximately 10 feet bgs. MARCOR collected two samples of the groundwater that flowed into the excavations and submitted them for analysis. The analytical results for the groundwater samples indicated the presence of up to 19,000 µg/l TPH-D and up to 12,000 µg/l TPH-G. No BTEX compounds were detected at or above 5 µg/l in either of the groundwater samples. A summary of the analytical results for the soil and groundwater samples collected during the MARCOR investigation is presented in Table 1.



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Figure 3
 MARCOR Investigation Sample Locations
 Clearprint Paper Co.
 Emeryville, California

j\Notus\proskas\MARCOR.dwg

Table 1
Analytical Results - Soil and Groundwater Samples
Clearprint Paper Company Facility, Emeryville, CA
1994 MARCOR Investigation (a)

Soil Sample Analytical Results (mg/kg)

Analyte	T1-N1-11	T1-E1-12	T1-S1-10	T1-W1-11	T1-B1-12
TPH-diesel	5 U	5 U	5 U	56	5 U
TPH-gasoline	5 U	5.4	5 U	34	5 U
Oil and Grease	5 U	5 U	5 U	5 U	5 U
Benzene	0.005 U	0.005 U	0.005 U	14	0.005 U
Toluene	0.005 U	0.005 U	0.005 U	11	0.005 U
Ethylbenzene	0.005 U	0.005 U	0.005 U	10	0.005 U
Xylenes (total)	0.005 U	0.005 U	0.005 U	32	0.005 U

Analyte	T2-N1-10	T2-E1-12	T2-S1-10	T2-W1-6	T2-W1-10
TPH-diesel	5 U	54	5 U	0.170	5 U
TPH-gasoline	16	10	5.7	5 U	1.6
Oil and Grease	120	340	5 U	12.0	5 U
Benzene	0.005 U	0.180	0.005 U	0.005 U	0.005 U
Toluene	0.65	0.34	0.64	0.005 U	0.005 U
Ethylbenzene	0.63	0.54	0.66	0.005 U	0.52
Xylenes (total)	2.0	1.3	1.3	0.005 U	1.3

Analyte	T2-B1-13.5	T3-N1-12	T3-E1-12	T3-S1-10.5	T3-W1-10
TPH-diesel	5 U	7.3	5.3	5 U	5 U
TPH-gasoline	22	3.5	5 U	5 U	5 U
Oil and Grease	5 U	930	410	5 U	5 U
Benzene	0.079	0.005 U	0.005 U	0.16	0.005 U
Toluene	0.75	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	0.75	0.22	0.005 U	0.24	0.005 U
Xylenes (total)	2.3	0.4	0.005 U	1.0	0.005 U

Analyte	T3-EW1	T3-B1-13	T4-NW1-6	T4-N2-12	T4-N3-10
TPH-diesel	5 U	5 U	3.0	36	110
TPH-gasoline	3.7 U	0.52	7.9	69	140
Oil and Grease	630	5 U	5 U	5 U	5 U
Benzene	0.36 U	0.005 U	0.59	5.2	0.005 U
Toluene	0.18 U	0.097	320	9.1	19
Ethylbenzene	0.18 U	0.005 U	190	9.2	11
Xylenes (total)	0.18 U	0.19	1.0	31	58

Table 1 (continued)
Analytical Results - Soil and Groundwater Samples
Clearprint Paper Company Facility, Emeryville, California
1994 MARCOR Investigation (a)

Soil Sample Analytical Results (mg/kg)

Analyte	T4-E2-12	T4-S1-10.4	T4-S2-9.5	T4-W1-9	T4-BW1-13
TPH-diesel	340	150	190	19.0	4.4
TPH-gasoline	120	610	300	5 U	1.1
Oil and Grease	5 U	5 U	5 U	6.9	5 U
Benzene	1.1	2.5	0.005 U	0.005 U	0.49
Toluene	5.8	9.4	19	0.005 U	0.21
Ethylbenzene	5.2	5.6	12	0.005 U	0.3
Xylenes (total)	28	38	57	0.005 U	2.1

Analyte	T4-BF1
TPH-diesel	220
TPH-gasoline	14.0
Oil and Grease	5 U
Benzene	0.36 U
Toluene	180
Ethylbenzene	210
Xylenes (total)	1.5

Groundwater Sample Analytical Results (ug/l)

Analyte	T2-W1 (water)	T4-W1 (water)
TPH-diesel	170	19,000
TPH-gasoline	50 U	50 U
Oil and Grease	12,000	6,900
Benzene	0.5 U	0.5 U
Toluene	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U
Xylenes (total)	0.5 U	0.5 U

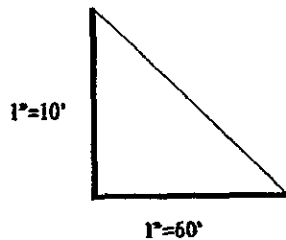
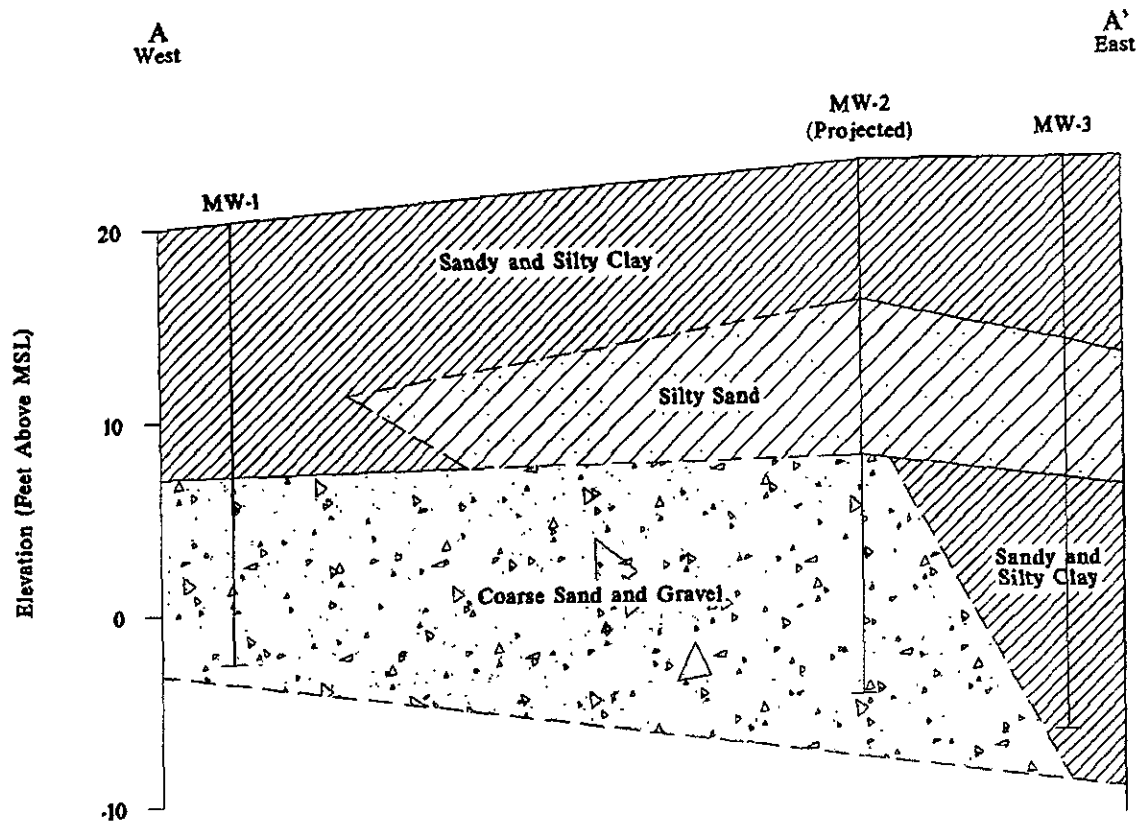
a/U = undetected at indicated detection limit

Supplemental Investigation Soil Sampling

In conducting the supplemental investigation, ESC installed six soil borings downgradient, upgradient, and adjacent to the former underground storage tanks. The placement of the soil borings was determined based on the assumed groundwater flow direction and on the areas where analytical results for samples collected during the MARCOR investigation indicated the highest levels of contamination. All down-hole equipment used to install the soil borings was thoroughly decontaminated using a portable steam cleaner between each soil boring.

Soil borings MW-1, MW-2, and MW-3 were continuously sampled and lithologically logged from the ground surface using a stainless steel split spoon sampler equipped with brass sleeves. Upon extraction of the sampler, the brass sleeves were separated and the soils were screened using a PID. Soil borings SB-1, SB-2, and SB-3 were not lithologically logged, but the soils were examined and screened with the PID. A minimum of two soil samples were collected from each soil boring except SB-3 where auger refusal was encountered at approximately 9.5 ft bgs. Attempts were made to collect the most contaminated brass-sleeved sample from the sampler based on visual observations and field PID readings. Attempts were also made to collect a sample from each boring at the soil/groundwater interface. After selecting the brass-sleeved sample, the ends of the brass sleeve were covered with Teflon sheets and plastic caps. The samples were then labeled, placed in individual plastic bags, and placed on ice in a cooler. The coolers were handled following proper chain-of-custody procedures and delivered to Anametrix via laboratory courier. The soil boring logs for MW-1, MW-2, and MW-3, showing sample depths, PID readings, blow counts for the penetration of the sampler, and lithologic information for the subsurface soils, are presented in Appendix D. A geologic cross section is presented in Figure 4.

Soils encountered during the investigation consisted of dense silty clays, fine and medium grained sandy silts, silty sands, and coarse silty sands and gravels. Fat clay and sandy clay were encountered to approximately 12.5 feet bgs in MW-1 after which coarse to very coarse silty sands and gravel were encountered. A clay layer was encountered to approximately 7.5 feet bgs in MW-2 where the soils changed to a fine silty sand. At approximately 13 feet bgs, the soils in MW-2 were fine to coarse silty sands and at approximately 17 feet bgs, coarse to very coarse gravely sands and groundwater were encountered. Silty clays were encountered to approximately 8 feet bgs in soil boring MW-3. At



approximately 11 feet bgs, some coarse to very coarse silty sand was encountered. Silty sandy clays with very coarse sands were again encountered at approximately 16.5 feet bgs. Silty and fine sandy clays were then encountered to 29.5 feet bgs, the total depth of MW-3.

During the installation of the first monitoring well (MW-2), flowing sands caused difficulty in completing the well. Because of the difficulty encountered during the installation of MW-2 and indications that flowing sands were also likely to be encountered in MW-1, monitoring well MW-1 was installed using a wood plug in the bottom auger and clean tap water to aid in displacing the flowing sands during well construction. Hence, MW-1 was not lithologically logged from the point after which groundwater was encountered. MW-3 was logged to the total depth of the well because flowing sands were not encountered. The well construction diagrams for MW-1, MW-2, and MW-3 are presented as Appendix E.

As required by the DEH, one of the monitoring wells (MW-1) was completed within 10 feet of the downgradient edge of the former underground storage tanks (Tank 1). Monitoring wells MW-2 and MW-3 were installed upgradient of the former underground storage tanks to check for possible offsite contamination sources.

The soil cuttings and decontamination water generated during the supplemental investigation was placed into DOT-approved 55-gallon drums and will be properly disposed of under hazardous waste manifest. As required, a copy of the hazardous waste manifest will be submitted to the DEH after the wastes are disposed of.

Supplemental Investigation Groundwater Sampling

Groundwater Elevation Monitoring

After the soil borings and monitoring wells were completed, the site was surveyed by Triad/Holmes Associates (Triad), of Belmont, California, on October 17, 1995. During the survey, the horizontal locations of the soil borings, monitoring wells, and permanent structures on the site were located. The elevations of the top northside of each monitoring well casing were surveyed at a permanent "V" notch that was filed into each well casing. The ground surface elevations for all of the soil boring locations were also surveyed. The Triad survey map is presented as Appendix F.

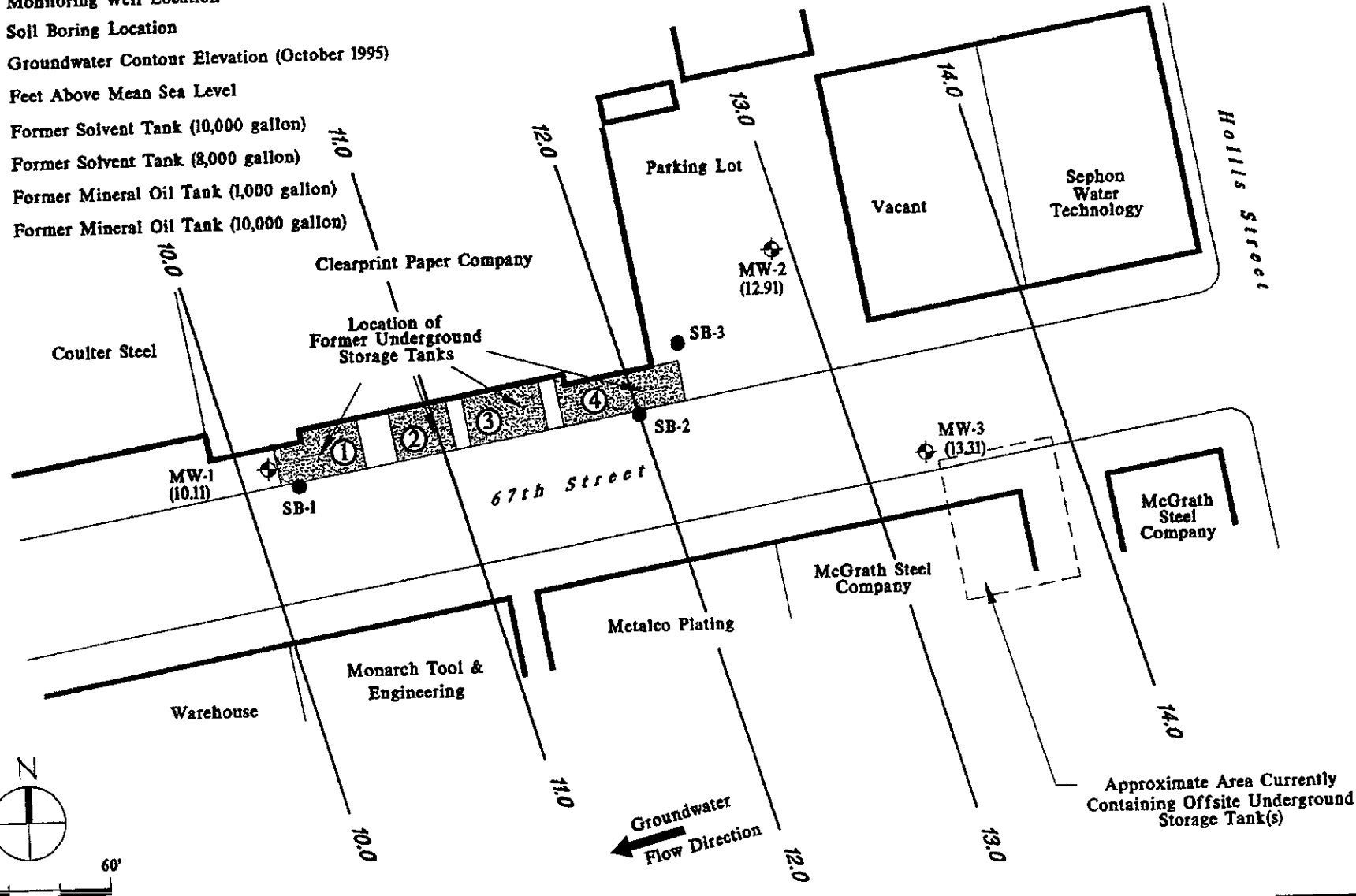
The depths to groundwater in all of the monitoring wells was measured to the north side "V" notch of each well casing before any water was removed from the wells during October 17, 1995 development and sampling activities. The depth to groundwater in each monitoring well was measured again on November 21, 1995 during the first of six proposed monthly groundwater elevation measurement events. The depth to groundwater measurements were taken to 0.01-foot using an oil/water interface instrument that is capable of detecting the presence and thickness of free product on the groundwater. No measurable floating product was present in any of the monitoring wells.

The depth to groundwater measurements and the Triad survey information were used to determine the groundwater flow direction. Table 2 presents the groundwater elevation information and groundwater contour maps for October 1995 and November 1995 are shown in Figure 5 and Figure 6. The groundwater contour maps for both October and November 1995 indicate a westerly groundwater flow direction. Based on the groundwater flow direction, MW-2 and MW-3 are located upgradient and MW-1 is located downgradient of the former underground storage tanks.

Groundwater Sampling

On October 17, 1995, ESC developed and sampled monitoring wells MW-1, MW-2, and MW-3. Before collecting the groundwater samples from the new wells, they were developed by initially removing siltation from the wells with a bailer, surging the well screened intervals with a surge tool, and again purging the wells with a bailer. During the initial removal of the siltation, approximately 15 gallons (five casing volumes) were removed from MW-1 and 18 gallons (six casing volumes) were removed from MW-3.

- Legend**
- ⊕ Monitoring Well Location
 - Soil Boring Location
 - 10.0 — Groundwater Contour Elevation (October 1995)
 - (10.11) Feet Above Mean Sea Level
 - ① Former Solvent Tank (10,000 gallon)
 - ② Former Solvent Tank (8,000 gallon)
 - ③ Former Mineral Oil Tank (1,000 gallon)
 - ④ Former Mineral Oil Tank (10,000 gallon)



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Figure 5
 Groundwater Contour Elevation (October 17, 1995)
 Clearprint Paper Company
 Emeryville, California

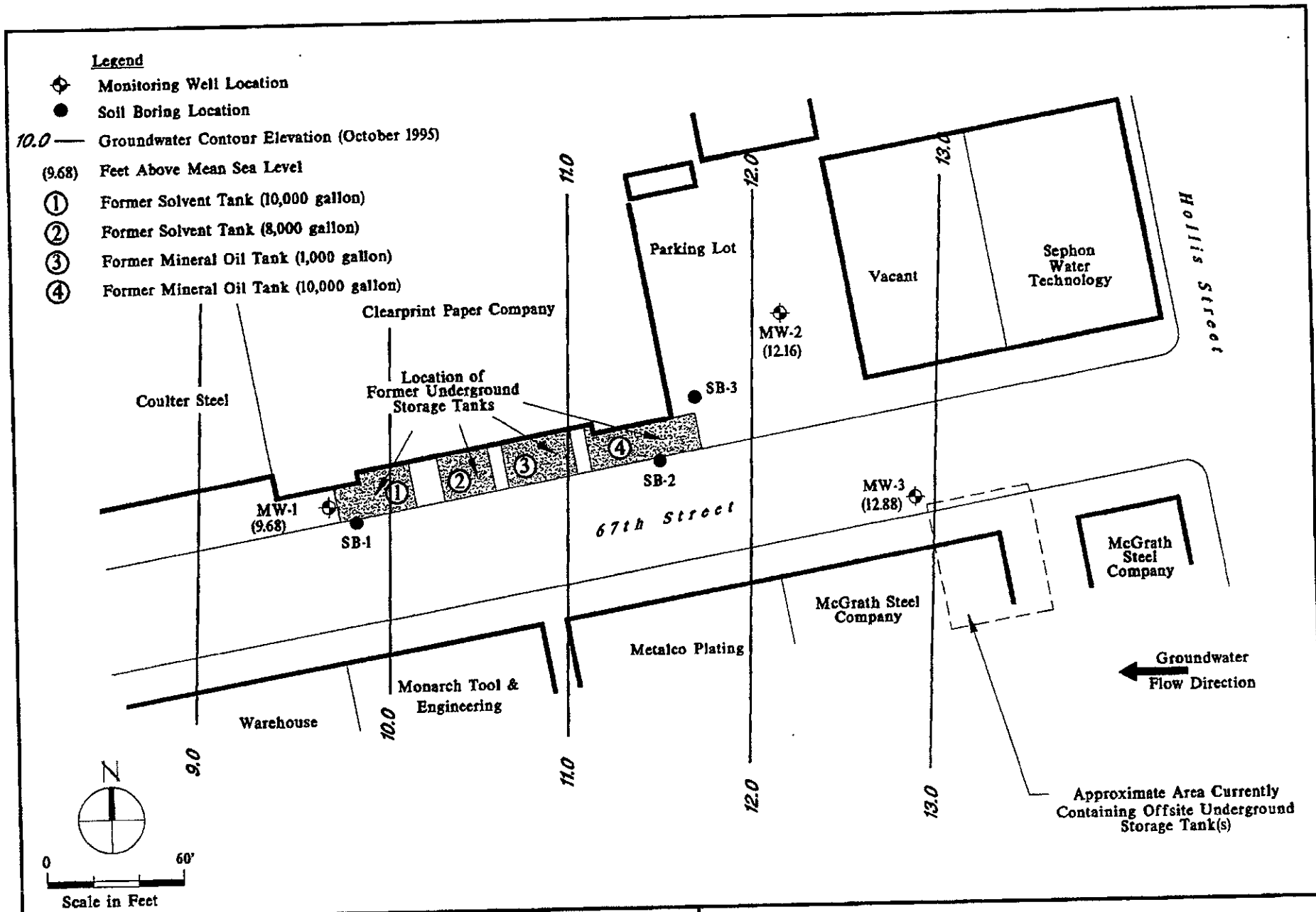


Table 2

Historical Groundwater Elevations
Clearprint Paper Company Facility
Emeryville, California

<u>Monitoring Well</u>	<u>Date</u>	<u>Depth to Groundwater (Ft)</u>	<u>Groundwater Elevation (Ft MSL)</u>	<u>Change in Elevation (ft)</u>
MW-1	10/17/95	10.21	10.11	
	11/21/95	10.64	9.68	-0.43
MW-2	10/17/95	10.28	12.91	
	11/21/95	11.03	12.16	-0.75
MW-3	10/17/95	9.42	13.31	
	11/21/95	9.85	12.88	-0.43

Approximately three gallons were removed from MW-2 (1.5 casing volumes) before the well was purged to dryness. Following the initial purge of siltation, each well was surged for approximately 20 minutes. After surging, MW-1 and MW-3 were purged with a bailer of nine and six casing volumes, respectively, with the objective of obtaining stabilized parameters and obtaining clear water before samples were collected. The groundwater parameters for the purge water from MW-1 and MW-3 remained relatively stable throughout the purge. MW-2 was again purged dry after approximately three gallons were removed and only one round of parameters was recorded. After purging all of the wells, the siltation was allowed to settle out of the groundwater in MW-1 and MW-3, and groundwater was allowed to recharge in MW-2 before samples were collected.

Although the clarity of the groundwater improved somewhat during the development process, fine siltation of the groundwater persisted; a condition that is typical in wells installed in the shallow saturated zone of the Bay Mud.

The groundwater samples from the three monitoring wells were collected in the appropriate containers supplied by Anametrix with the proper type and amount preservatives to obtain a pH <2 for the TPH-G and BTEX analyses. Before filling the sample containers, they were labeled with the site name, well designation, date and time of sample collection, and analysis requested. After sample collection, the samples were placed on ice in a cooler. The coolers were handled following proper chain-of-custody procedures and were sent via laboratory courier to Anametrix to be analyzed for TPH by modified EPA method 8015 and for BTEX compounds by EPA 8020. The well development and sample logs are presented in Appendix G.

The purge water from the development and sampling activities was placed into DOT-approved 55-gallon drums and will be properly disposed of under hazardous waste manifest. As required, a copy of the hazardous waste manifest will be submitted to the DEH.

Supplemental Investigation Results

TPH-D, TPH-G, TPH as mineral oil, and BTEX compounds were detected in one or more of the soil samples collected from all of the soil borings except MW-2. TPH as mineral oil was detected at a maximum level of 24 mg/kg in SB-3 at 9 feet bgs. TPH-D was detected in soil samples collected from SB-2 (25 mg/kg at 5.5 feet bgs, and 120 mg/kg at 10.5 and 14 feet bgs), SB-3 (24 mg/kg at 9 feet bgs), and MW-3 (11 mg/kg at 11 feet bgs). No TPH-D was detected in any of the soil samples collected from SB-1 (near former solvent tank 1), MW-1, or MW-2.

The highest levels of TPH-G in the soil samples were detected in SB-2 near former mineral oil tank 4 where TPH-G were detected at 330 mg/kg at 5.5 feet bgs, 730 mg/kg at 10.5 feet bgs, and 1,700 mg/kg at 14 feet bgs. TPH-G was detected at 1.5 mg/kg in MW-3 at 6.5 feet bgs, and 330 mg/kg at 11 feet bgs. TPH-G was detected at 46 mg/kg in MW-1 at 8.5 feet bgs and at 39 mg/kg at 11.5 feet bgs.

BTEX compounds were detected in the soil sample collected from SB-2 near former mineral oil tank 4 at 14 feet bgs, just above the saturated zone, where benzene was detected at 20 mg/kg, toluene at 72 mg/kg, ethylbenzene at 35 mg/kg, and xylenes at 180 mg/kg. BTEX compounds were also detected in SB-2 at 5.5 feet bgs at 11 mg/kg benzene, 5.9 mg/kg toluene, 6.6 mg/kg ethylbenzene, and 35 mg/kg xylenes. The highest levels of BTEX compounds in MW-3 were found in the sample collected at 11 feet bgs where benzene was detected at 5 mg/kg, toluene at 16 mg/kg, ethylbenzene at 5.2 mg/kg, and xylene at 29 mg/kg. The analytical results for the soil samples collected during the supplemental investigation are presented in Table 3.

Of the three groundwater samples collected, none contained a detectible level of TPH as mineral oil and no TPH-G or BTEX compounds were detected in the groundwater sample collected from MW-2. TPH-D was detected in MW-2 at 65 µg/l, indicating the presence of an upgradient source of TPH-D contamination. TPH-D was detected in MW-1 at 590 µg/l and at 220 µg/l in MW-3 and TPH-G was detected at 8,100 µg/l in MW-1 and at 8,600 µg/l in MW-3. The highest levels of benzene and toluene were detected in MW-3 at 730 µg/l and 2,100 µg/l, respectively. Benzene and toluene were also detected in MW-1 at 160 µg/l benzene and 710 µg/l toluene. The levels of benzene and toluene exceed the California maximum contaminant levels (MCLs) for drinking water; the MCL for benzene is 1 µg/l and the MCL for toluene is 150 µg/l. Ethylbenzene and xylene were detected at nearly identical levels in

Table 3
Analytical Result Summary for Soil Samples
Clearprint Facility, Emeryville, CA
Supplemental Investigation, October 1995 (mg/kg) (a)

<u>Analyte</u>	<u>MW-1@8.5</u>	<u>MW-1@11.5</u>	<u>MW-2@8.0</u>	<u>MW-2@16.5</u>
TPH-diesel	10 U	10 U	10 U	10 U
TPH-gasoline	46	39	0.5 U	0.5 U
Mineral oil	10 U	10 U	10 U	10 U
Benzene	0.69	0.56	0.005 U	0.005 U
Toluene	0.17	1.6	0.005 U	0.005 U
Ethylbenzene	0.53	0.71	0.005 U	0.005 U
Xylenes (total)	0.79	3.4	0.005 U	0.005 U

<u>Analyte</u>	<u>MW-3@6.5</u>	<u>MW-3@11.0</u>	<u>MW-3@18.5</u>	<u>MW-3@24.5</u>
TPH-diesel	10 U	11	10 U	10 U
TPH-gasoline	1.5	330	0.5 U	0.5 U
Mineral oil	10 U	10 U	10 U	10 U
Benzene	0.068	5.0	0.005 U	0.005 U
Toluene	0.16	16	0.005 U	0.008
Ethylbenzene	0.032	5.2	0.005 U	0.005 U
Xylenes (total)	0.13	29	0.005 U	0.005 U

<u>Analyte</u>	<u>SB-1@6.0</u>	<u>SB-1@11.5</u>	<u>SB-2@5.5</u>	<u>SB-2@10.5</u>
TPH-diesel	10 U	10 U	25	120
TPH-gasoline	0.5 U	2.0 J	330	730
Mineral oil	12	10 U	10 U	20
Benzene	0.005 U	0.006 J	11	9.4
Toluene	0.005 U	0.014 J	5.9	30
Ethylbenzene	0.005 U	0.013 J	6.6	13
Xylenes (total)	0.005 U	0.014 J	35	65

<u>Analyte</u>	<u>SB-2@14.0</u>	<u>SB-3@9.0</u>	<u>201(duplicate of SB-1@11.5)</u>
TPH-diesel	120	24	10 U
TPH-gasoline	1700	0.5 U	220
Mineral oil	21	24	10 U
Benzene	20	0.005 U	4.4
Toluene	72	0.005 U	4.2
Ethylbenzene	35	0.005 U	3.0
Xylenes (total)	180	0.005 U	15

a/U = undetected at indicated detection limit; UJ = estimated and undetected; J = estimated

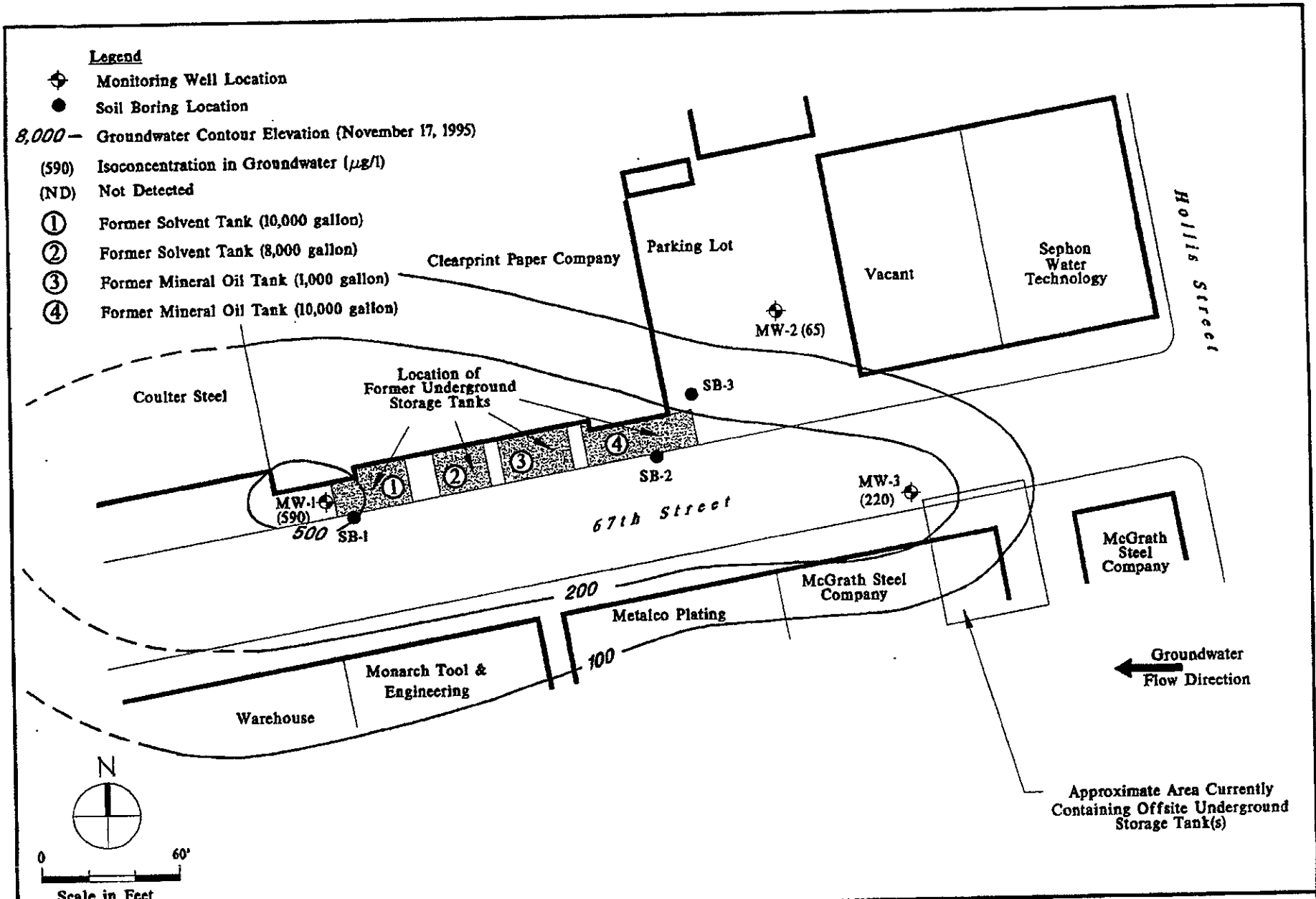
MW-1 and MW-3; ethylbenzene at 300 µg/l (MW-1) and 270 µg/l (MW-3) and xylene at 1,500 µg/l (MW-1) and 1,400 µg/l (MW-3). Neither level of ethylbenzene or xylene in the groundwater samples collected from MW-1 or MW-3 exceeds their respective MCLs of 700 µg/l ethylbenzene or 1,750 µg/l xylene. The analytical results for the groundwater samples collected during the supplemental investigation are presented in Table 4. Isoconcentration maps for TPH-D, TPH-G, benzene, and toluene are presented in Figures 7 through 10, respectively.

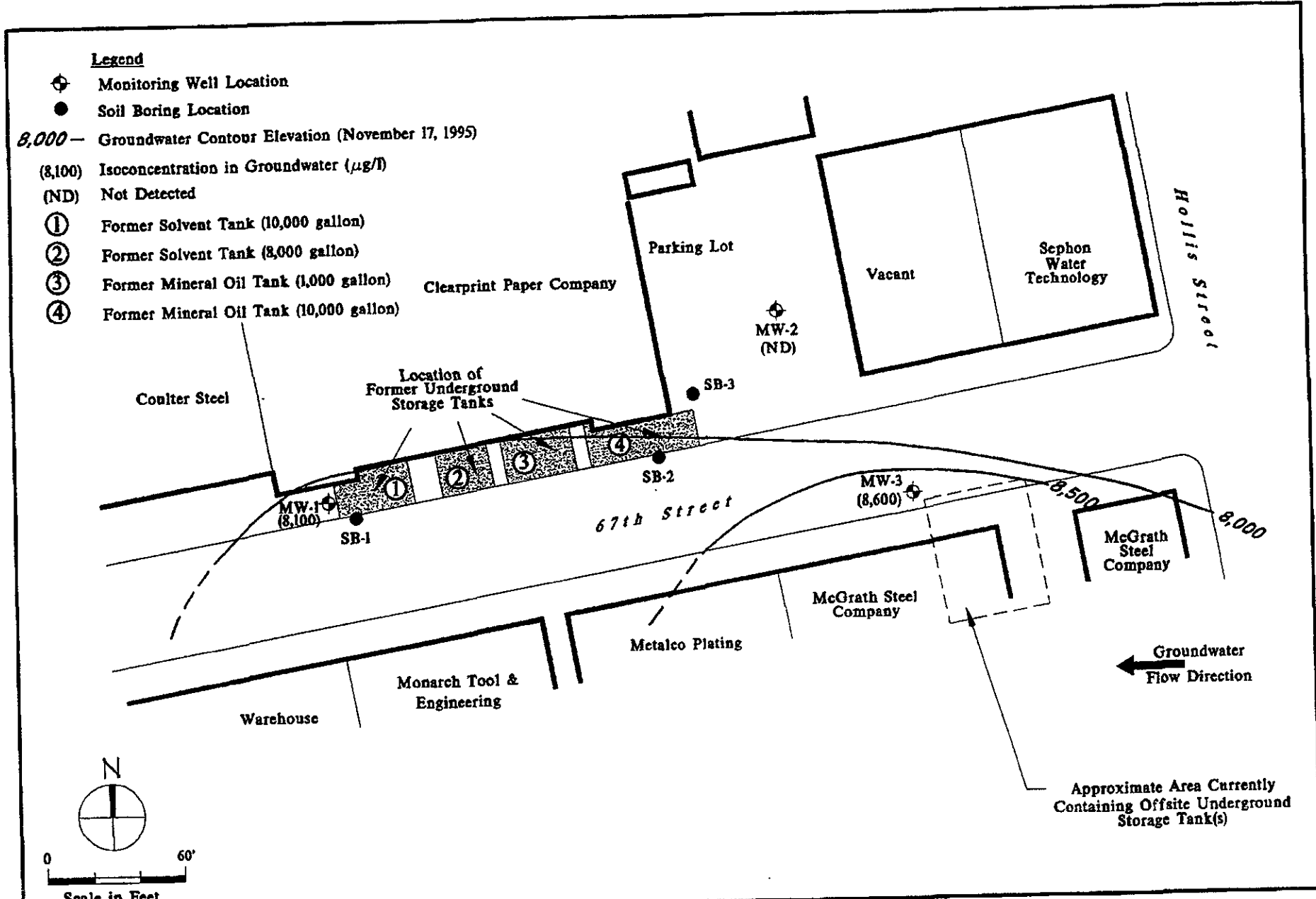
The laboratory analytical reports for the supplemental investigation are provided in Appendix H.

Table 4
Analytical Result Summary for Groundwater Samples
Clearprint Facility, Emeryville, CA
Supplemental Investigation, October 1995 (ug/l) (a)

Analyte	MW-1	MW-2	MW-3	201(duplicate of MW-1)
TPH-diesel	590	65	220	650
TPH-gasoline	8100	50 U	8600	7400
Mineral oil	100 U	100 U	100 U	100 U
Benzene	160	0.50 U	730	120
Toluene	710	0.8 U	2100	570
Ethylbenzene	300	0.50 U	270	250
Xylenes (total)	1500	0.9 U	1400	1300

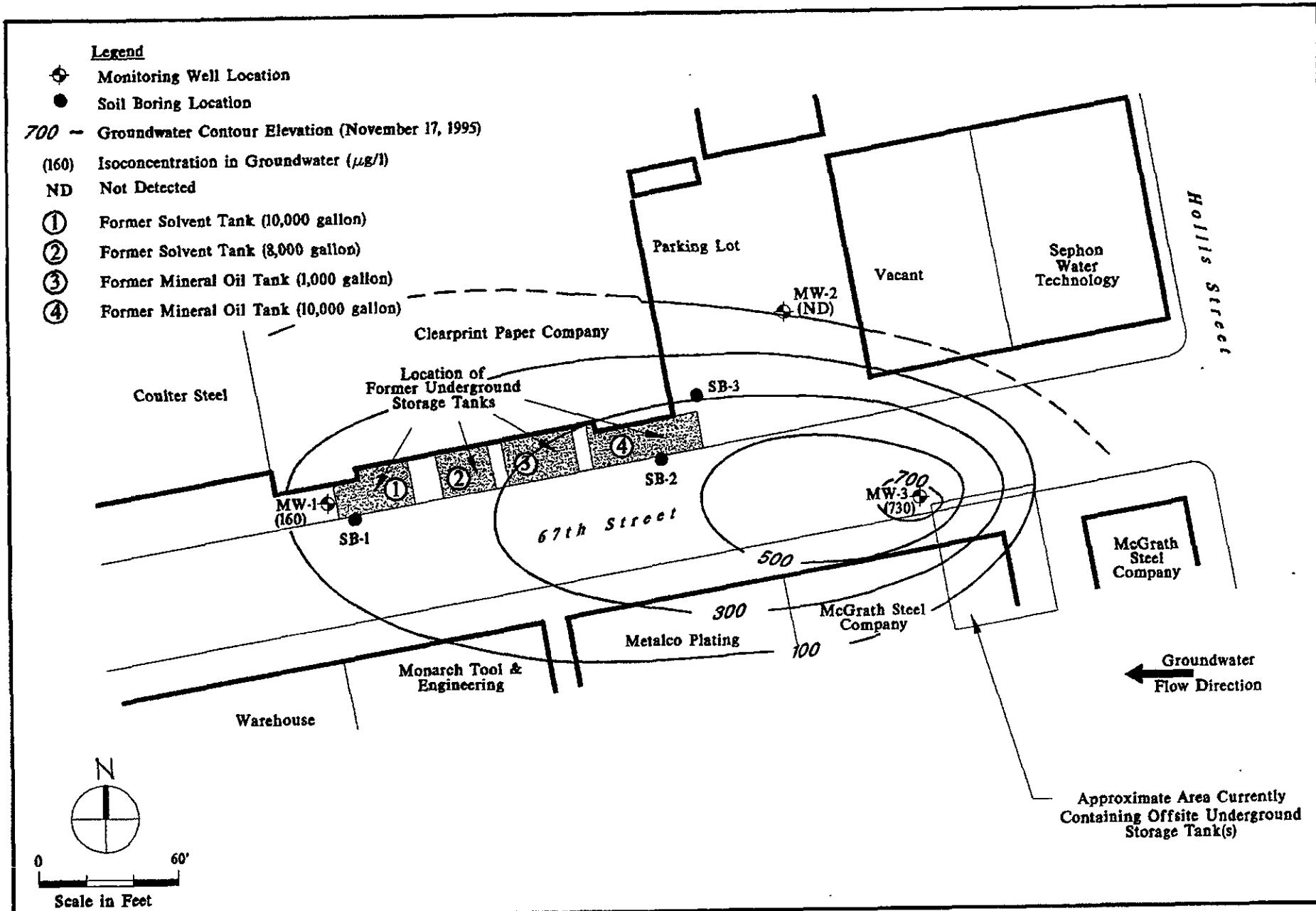
a/U = undetected at indicated detection limit

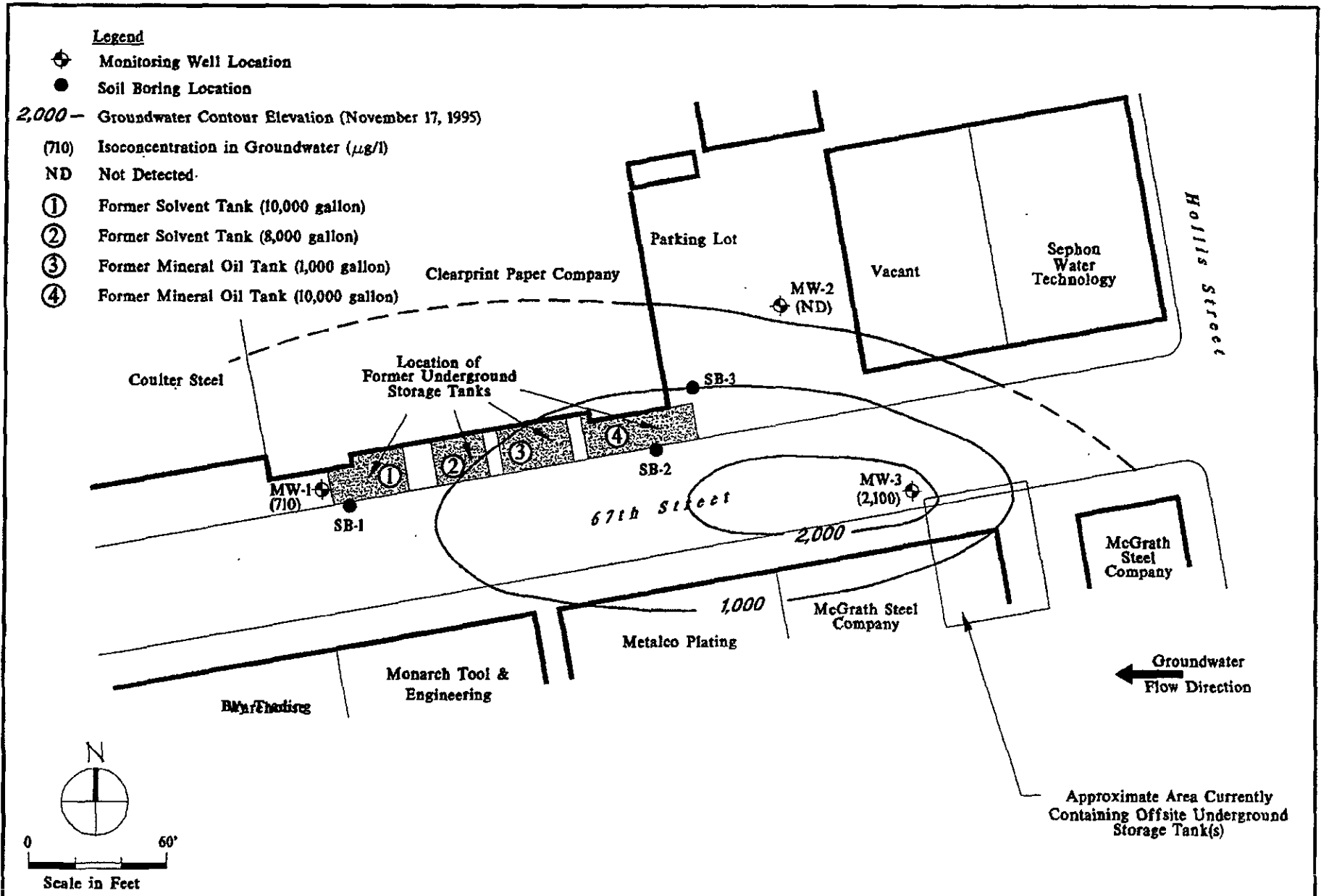




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Figure 8
 Isoconcentration Map - TPH-G in Groundwater ($\mu\text{g/l}$) 11/17/1995
 Clearprint Paper Company
 Emeryville, California
 CLEAR004.DWG





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 408-453-6100

Figure 10
 Isoconcentration Map - Toluene in Groundwater ($\mu\text{g/l}$) 11/17/1995
 Clearprint Paper Company
 Emeryville, California

Quality Assurance/Quality Control Review

Field Quality Assurance/Quality Control

Field quality assurance/quality control (QA/QC) samples collected during the October 10 and 11, 1995 soil sampling event and the October 17, 1995 groundwater sampling event each included one equipment rinseate blank (sample 200) and one field duplicate (sample 201). Equipment rinseate blanks serve to indicate potential contamination from sampling equipment used to collect the samples. Field duplicate samples serve to provide a check on sampling equipment, sampling technique, and sample homogeneity and as a measure of precision during sample collection and analysis.

The field duplicate soil sample (sample 201) was collected from soil boring MW-1 at 12 feet bgs on October 11, 1995 and was submitted blind to the laboratory for analysis as the duplicate of MW-1 at 11.5 feet bgs. The field duplicate groundwater sample (sample 201) was collected from MW-1 on October 17, 1995, and submitted blind to the laboratory for analysis.

The equipment rinseate blanks were prepared in the field on October 11, 1995, and on October 17, 1995, by pouring analyte-free deionized water through decontaminated sampling equipment and collecting the water in sample containers. The equipment rinseate blank of the stainless steel split spoon sampler fitted with brass sleeves prepared on October 11, 1995 did not contain any detectable levels of any compounds. The equipment rinseate blank of a decontaminated PVC bailer prepared on October 17, 1995 contained low levels of toluene (0.7 µg/l) and total xylenes (1.0 µg/l). Because of the presence of low levels of these compounds in the equipment rinseate blank, the low levels of these compounds that were detected in the groundwater sample from MW-2 (toluene at 0.8 µg/l and xylene at 0.9 µg/l) are considered undetected.

Laboratory Quality Control

Laboratory QC samples analyzed in support of the samples included laboratory method blanks, surrogates, matrix spike and matrix spike duplicates, and blank spikes. The laboratory data were reviewed in accordance with the EPA document "USEPA Contract Laboratory Program National Functional

Guideline for Organic Data Review" (February 1993) and the quality control criteria for the EPA analytical methods used for the sample analyses. ESC's Quality Control Data Review Summary report for the supplemental investigation soil and groundwater sampling is contained in Appendix I.

Discussion

The analytical results for the soil samples collected during the supplemental investigation indicate that the highest levels of TPH and BTEX contamination in the area of the Clearprint site are encountered at the approximate depth at which groundwater is encountered.

The analytical results for the groundwater samples collected during the supplemental investigation indicate that there is a source(s) of TPH and BTEX contamination upgradient of the Clearprint facility. This determination is based on the observed westerly groundwater flow direction and on the maximum levels of benzene and toluene which were detected in the upgradient monitoring well MW-3, in front of the McGrath facility. The level of benzene (MCL of 1 µg/l) in the groundwater sample collected from MW-3 (730 µg/l) was approximately 4.5 times higher than the level of benzene detected in MW-1 (160 µg/l), located within ten feet downgradient of Tank 1. The level of toluene (MCL of 150 µg/l) detected in the groundwater sample collected from MW-3 (2,100 µg/l) was approximately three times higher than the level detected in MW-1 (710 µg/l). The levels of ethylbenzene (MCL 700 µg/l) and xylene (MCL 1,750 µg/l) were nearly identical in MW-1 (300 µg/l and 1,500 µg/l, respectively) and MW-3 (270 µg/l and 1,750 µg/l, respectively), at levels that do not exceed their MCLs.

The TPH and BTEX soil contamination appears to be limited to the area where the groundwater table has fluctuated over time with the exception of levels detected in SB-2 at 5.5 feet bgs. The SB-2 sample at 5.5 feet bgs is adjacent to former underground tank 4 and contains levels of TPH-D and TPH-G as well as BTEX compounds. Since facility personnel report that tank 4 was only used to store mineral oil, it is unlikely that this sample represents contamination from a release of materials used or stored at Clearprint. There is also no evidence to suggest that Tank 4 leaked. It should also be noted that although ethylbenzene was detected in various soil samples from MW-1 and SB-2, no materials handled by Clearprint contained ethylbenzene.

Based on the close proximity of Clearprint's location with respect to numerous sites appearing on regulatory databases where releases have occurred, the shallow depth to groundwater, and the groundwater flow direction, releases from offsite sources have affected environmental conditions at the Clearprint site.

Conclusions and Recommendations

Based on the information obtained during the supplemental investigation, TPH and BTEX contamination have migrated onto the Clearprint site from an upgradient offsite source(s). Based on the observed levels of TPH and BTEX detected in the groundwater and soils just above the soil/groundwater interface, soil contamination is believed to be limited to the subsurface area where the water table has fluctuated over time.

The source of any possible contamination from the Clearprint site, the former USTs, has been removed. Residual contamination resulting from any possible releases from the former USTs, most notably the levels of TPH and BTEX contamination at a shallow depth in the area of tank 4, is unlikely to have originated from Clearprint's operations nor is it likely to contribute to the groundwater contamination at the site since this area is paved. The chemical substances present in the soil and groundwater in the area of the Clearprint facility do not present an imminent health risk because the shallow groundwater is not used as a potable water supply.

As a result of the findings of this investigation, it is recommended that the groundwater elevations continue to be monitored to confirm the westerly groundwater flow direction and that no further investigation or remedial action is required because:

- A source(s) of contamination exists upgradient of the Clearprint facility that is impacting the groundwater beneath the Clearprint facility.
- The contamination from the former USTs at the Clearprint site has been removed. Any minor residual soil contamination, if any, in the soil near the former underground storage tanks is unlikely to have resulted from releases from Clearprint due to the nature of the compounds detected. Additionally, the residual contamination is beneath a paved area. As such, it is unlikely to contribute to the existing conditions found in the area of the Clearprint facility and does not present a human health risk because the shallow groundwater is not used as a potable water supply.

Appendix A - Encroachment Permit

RECEIVED
10/5/95

ENCROACHMENT PERMIT
CITY OF EMERYVILLE PUBLIC WORKS DEPARTMENT
2200 POWELL ST., 12TH FLR. (510) 596-4330
EMERYVILLE, CA 94608

DATE 10/4/95

OWNER CLEARPRINT PAPER COMPANY

CONTACT PERSON EARL MAU PHONE NO. (510) 652-4762

ADDRESS 1482 67th STREET, EMERYVILLE, CA 94608

CONTRACTOR ENVIRONMENTAL STRATEGIES CORP.

CONTACT PERSON JEFF BENSON PHONE NO. (408) 453-6100

ADDRESS 101 METRO DR STE 650

LOCATION OF WORK (INCLUDE ADDRESS AND STREET NAME AND CROSS STREETS)

1482 67th STREET, EMERYVILLE, CA 94608 NEAR HOLLIS
& 67th STREET INTERSECTION

PLANNED DATE OF COMMENCEMENT 10/10/95

PLANNED DATE OF COMPLETION 10/13/95

DESCRIPTION OF WORK (INCLUDE AVERAGE DEPTH OF EXCAVATION, MAXIMUM DEPTH, AVERAGE WIDTH, LENGTH, AND ESTIMATED COST OF WORK)

① INSTALL 2-2" DIAMETER MONITORING WELLS (ONE ON SIDEWALK
ONE ON 67th ST) TO 15' DEPTH.

② INSTALL 2 SOIL BORINGS (ON 67th ST NEAR NORTH CURB) TO 10' DEPT

③ ESTIMATED COST OF WORK \$5000⁰⁰

Post-It™ brand fax transmittal memo 7671		# of pages <u>5</u>
To <u>Rushmore wells</u>	From <u>Jeff Benson</u>	
Co. <u>City of Emeryville</u>	Co.	
Dept.	Phone #	
Fax #	Fax # <u>(408) 453-6100</u>	<u>04.93</u>

TS TO PLAN
ED SUBMITTED

___ YES? ___ NO?

Maxine Joubert

Appendix B - Drilling Permit



5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600

FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1482 67th Street
Emeryville, CA

PERMIT NUMBER 95655

LOCATION NUMBER

CLIENT CLEARPRINT PAPER CO.
Environmental Strategies Corp.
101 Metro Dr. #650 Voice (408) 453-6100
San Jose CA Zip 95110

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT Bob Bealkowski
101 Metro Dr. suite 650 Fax (408) 453-0496
San Jose CA Voice (408) 453-6100
Zip 95110

A. GENERAL

- 1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
- 2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
- 3. Permit is void if project not begun within 90 days of approval date.

B. WATER WELLS, INCLUDING PIEZOMETERS

- 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
- 2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

E. WELL DESTRUCTION. See attached.

TYPE OF PROJECT
Construction _____
Cathodic Protection _____
Water Supply _____
Monitoring _____
Geotechnical Investigation
General _____
Contamination _____
Wall Destruction _____

PROPOSED WATER SUPPLY WELL USE
Domestic _____
Industrial _____
Irrigation _____
Other _____

DRILLING METHOD:
Rotary _____
Air Rotary _____
Other _____
Auger X

DRILLER'S LICENSE NO. C57-55497A

PROJECTS
Drill Hole Diameter 8 in. Maximum
Casing Diameter 2 in. Depth
Surface Seal Depth 4 ft. Number 3

TECHNICAL PROJECTS
Number of Borings 3 Maximum
Hole Diameter 8 in. Depth 10 ft.

PROPOSED STARTING DATE 10-10-95
PROPOSED COMPLETION DATE 10-11-95

I agree to comply with all requirements of this permit and Alameda Ordinance No. 73-68.

Approved Wyman Hong Date 6 Oct 95

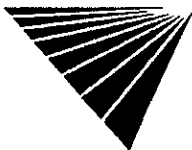
APPLICANT'S SIGNATURE Bob Bealkowski Date 9-29-95

Appendix C - Database Report

SITE ASSESSMENT PLUS REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: 211868-01 CLEARPRINT PAPER CO 1482 67TH ST EMERYVILLE, CA 94608 Cross Street: HOLLIS ST Latitude/Longitude: (37.848620, 122.293389)	JEFF BENSON ENV STRATEGIES-SAN JOSE 101 METRO DR STE 650 SAN JOSE, CA 95110

Site Distribution Summary	<i>within 1/8 mile</i>	<i>1/8 to 1/4 mile</i>	<i>1/4 to 1/2 mile</i>	<i>1/2 to 1 mile</i>
Agency / Database - Type of Records				
A) Databases searched to 1 mile:				
US EPA NPL National Priority List	0	0	0	0
US EPA CORRACTS RCRA Corrective Actions	0	0	0	1
US EPA TSD RCRA permitted treatment, storage, disposal facilities	0	0	0	2
STATE SPL State equivalent priority list	0	0	1	0
B) Databases searched to 1/2 mile:				
US EPA CERCLIS Sites under review by US EPA	1	1	2	-
STATE SCL State equivalent CERCLIS list	1	4	2	-
STATE LUST Leaking Underground Storage Tanks	11	14	24	-
REG CO				
STATE/REG/CO SWLF Permitted as solid waste landfills, incinerators, or transfer stations	0	0	0	-
STATE DEED Sites with deed restrictions	0	0	0	-
STATE RSTR				
REGIONAL NORTH BAY Sites on North Bay Toxic List	0	2	11	-
REGIONAL SOUTH BAY Sites on South Bay Toxic List	0	0	0	-
STATE CORTESE State index of properties with hazardous waste	5	13	17	-
STATE TOXIC PITS Toxic Pits cleanup facilities	0	0	0	-
C) Databases searched to 1/4 mile:				
US EPA RCRA Viol RCRA violations/enforcement actions	0	0	-	-
US EPA TRIS Toxic Release Inventory database	1	0	-	-
STATE UST/AST Registered underground or aboveground storage tanks	7	10	-	-



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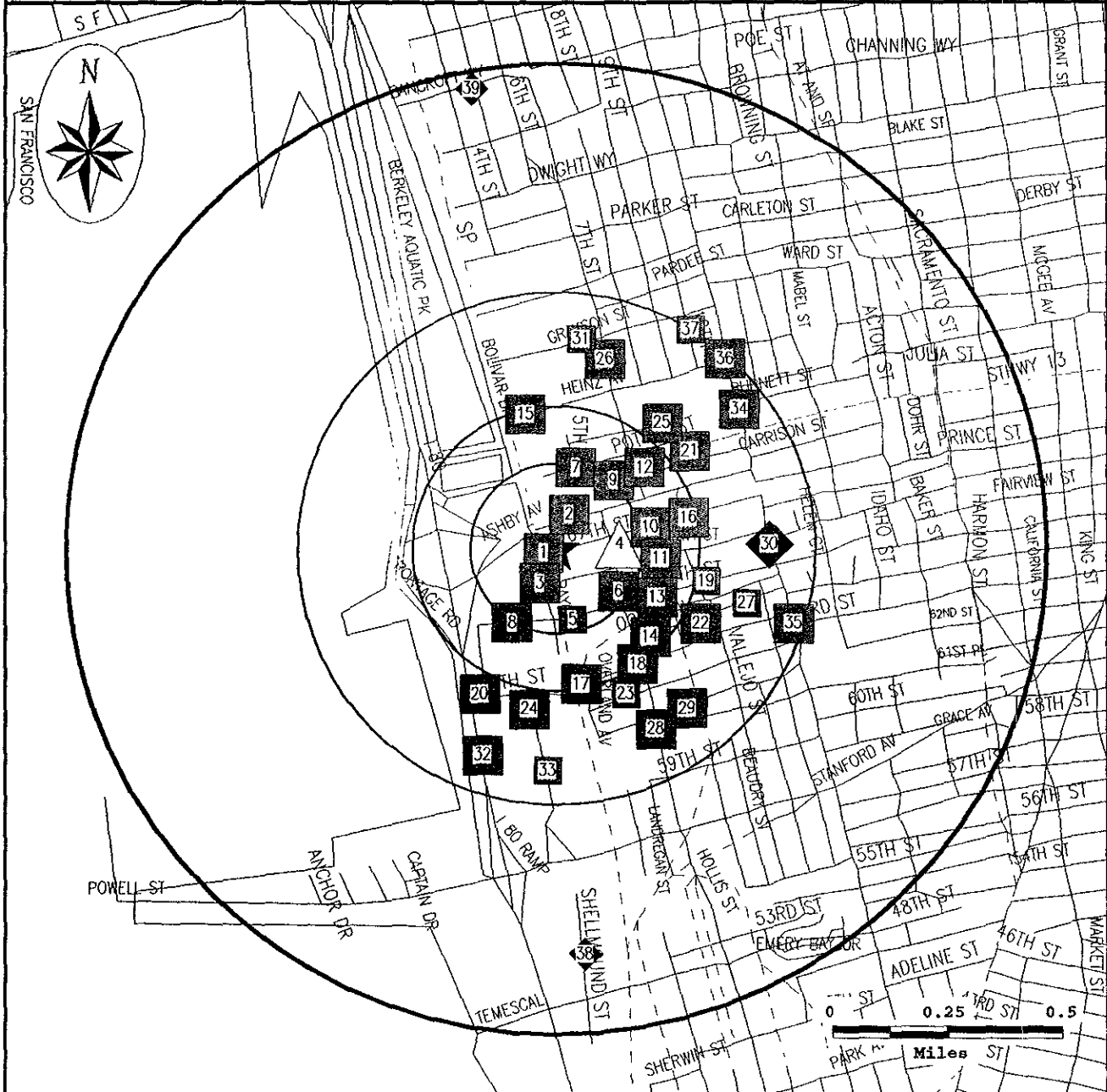
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SITE ASSESSMENT PLUS REPORT

Map of Sites within One Mile



Subject Site 	Category: A 1 mi.	B 1/2 mi.	C 1/4 mi.	D 1/8 mi.
	Databases Searched to: Single Sites Multiple Sites	 	 	
Roads Highways Railroads Rivers or Water Bodies Utilities	NPL, SPL, TSD, CORRACTS	CERCLIS, SCL, LUST, SWLF	TRIS, UST	ERNS, GENERATORS

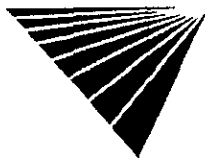
If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

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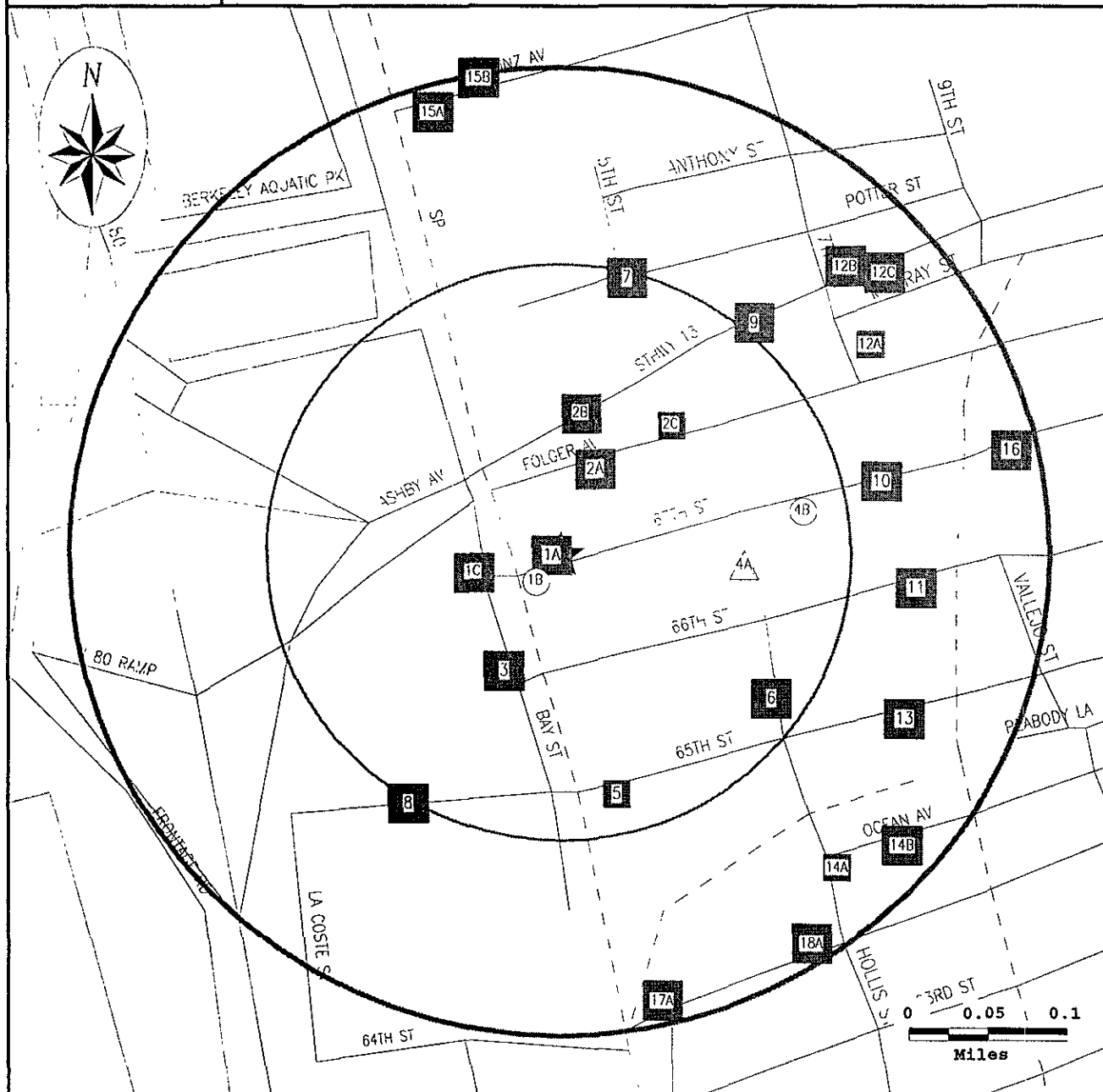
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SITE ASSESSMENT PLUS REPORT

Map of Sites within Quarter Mile



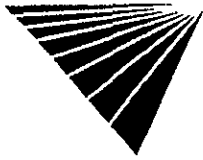
Subject Site ★	Category: Databases Searched to:	A 1 mi.	B 1/2 mi.	C 1/4 mi.	D 1/8 mi.
	Single Sites Multiple Sites	◆ ◆	■ ■	▲ ▲	○ ○
Roads Highways Railroads Rivers or Water Bodies Utilities		NPL, SPL, TSD, CORRACTS	CERCLIS, SCL, LUST, SWLF	TRIS, UST	ERNS, GENERATORS
<p>If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.</p>					

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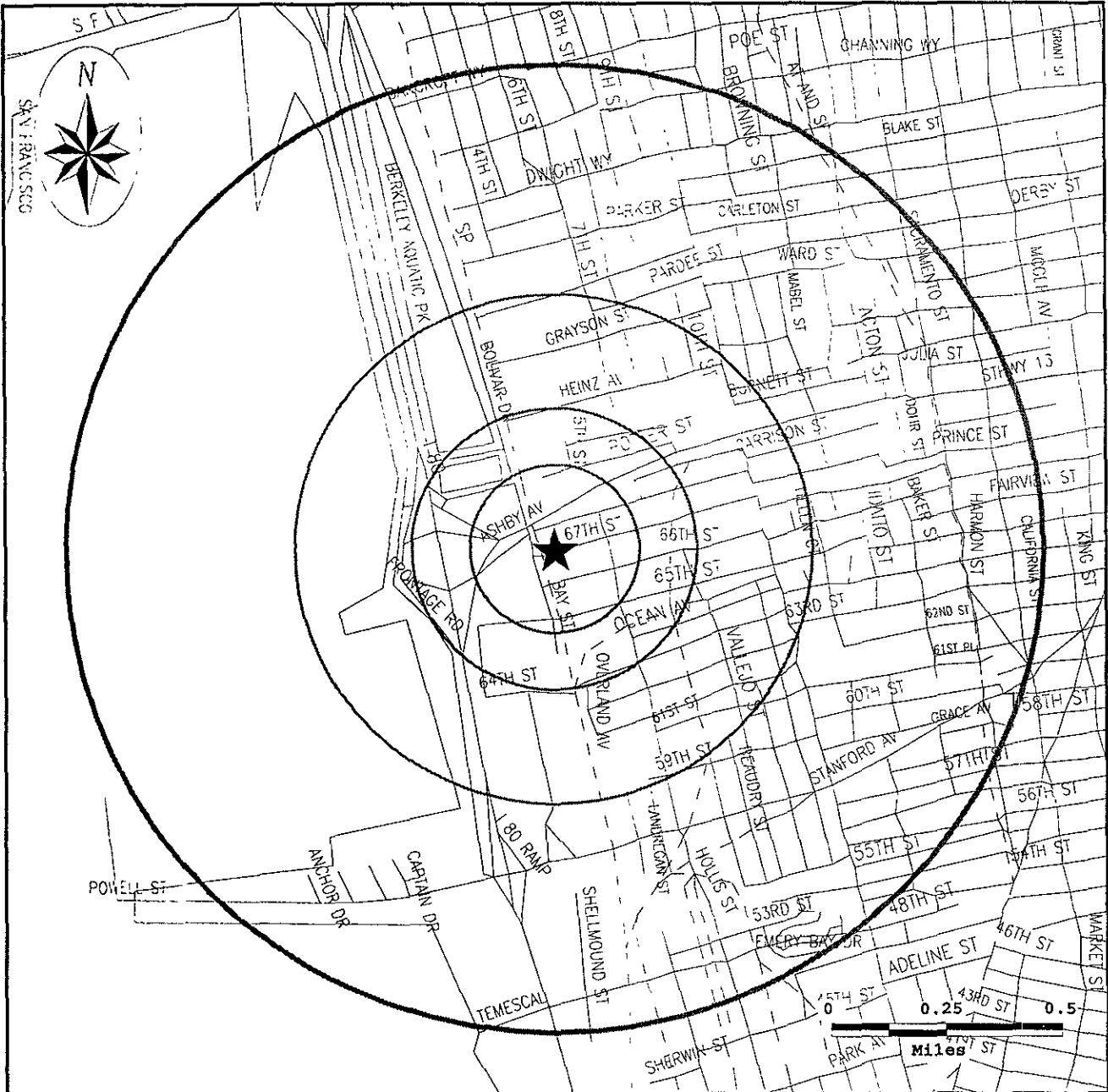
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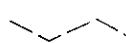
SITE ASSESSMENT PLUS REPORT

Street Map



Subject Site

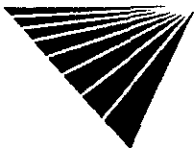


-  Roads, Highways, Rivers, Water Bodies
-  Railroads, Utilities

SITE ASSESSMENT PLUS REPORT

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)		A				B					C		D					
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
1A	CLEARPRINT PAPER CO 1482 67TH EMERYVILLE, CA 94608	87420 0.00 MI ADJACENT															X		
1A	COULTER STEEL FORGE CO 1494 67TH ST EMERYVILLE, CA 94608	103567 0.00 MI ADJACENT							X							X	X		X
1B	PHARMEX LTD 1499 67TH ST EMERYVILLE, CA 94608	328189 0.00 MI ADJACENT																	X
1C	MIKE ROBERTS COLOR PRODUCTIONS 6707 BAY STREET EMERYVILLE, CA 94608	274405 0.00 MI ADJACENT					X	X	X										
1C	ESSELTE PENDAFLEX DYMO DIV 6701 BAY ST EMERYVILLE, CA 94608	142539 0.00 MI ADJACENT																	X
2A	FOLGER AVENUE PROPERTY 722 FOLGER AVE EMERYVILLE, CA 94608	5354521 0.00 MI ADJACENT							X										
2A	FOLGER AVENUE PROPERTY 722 FOLGER AVE BERKELEY, CA 94710	4558345 0.00 MI ADJACENT							X			X							
2B	WEATHERFORD BMW 734 ASHBY AVE BERKELEY, CA 94710	5351625 0.0 MI N											X						
2B	WEATHERFORD B M W 735 ASHBY AVE BERKELEY, CA 94710	1268194 0.0 MI N							X								X		X
2C	GRING PEST CONTROL 741 FOLGER ST BERKELEY, CA 94710	929761 0.0 MI NE							X				X				X		
3	ABBOT, COLE DEGRAF, INC. 6603 BAY EMERYVILLE, CA 94608	1244570 0.0 MI SW															X		
3	DUBOVSKY PROPERTY 6603 BAY ST EMERYVILLE, CA 94608	1583282 0.0 MI SW							X										
3	LEOPARD TRADING CO 6601 BAY ST EMERYVILLE, CA 94608	1583281 0.0 MI SW							X										
4A	MCGRATH STEEL COMPANY INC. 6655 HOLLIS EMERYVILLE, CA 94608	1261068 0.0 MI E															X		



X = search criteria; • = tag-along (beyond search criteria).

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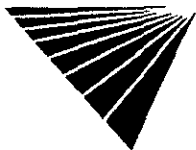
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MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A			B					C		D						
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
4B	ATLAS PACIFIC ENGRG CO INC DEL 1321-67TH ST AT HOLLIS ST EMERYVILLE, CA 94608	31192 0.10 MI E																	X
5	RYERSON STEEL 1465 65TH ST EMERYVILLE, CA 94608	1233356 0.10 MI S						X									X		
6	ULTRAMAR (BEACON) 6529 HOLLIS ST EMERYVILLE, CA 94608	5355011 0.10 MI SE										X							
6	GROVE VALVE AND REGULATOR CO. 6529 HOLLIS ST EMERYVILLE, CA 94608	200303901 0.10 MI SE																X	
6	GROVE VALVE AND REGULATOR CO. 6529 HOLLIS ST EMERYVILLE, CA 94608	200304184 0.10 MI SE																X	
6	GROVE VALVE REGULATOR CO 6529 HOLLIS ST EMERYVILLE, CA 94608	181810 0.11 MI SE																	X
7	WEATHERFORD MITSUBISHI 750 POTTER ST BERKELEY, CA 94710	4866849 0.12 MI N																	X
7	KRENZ LTD 750 POTTER ST BERKELEY, CA 94710	4558642 0.12 MI N						X				X							
8	EMERY BAY PLAZA/BAYFRONT 1650 65TH ST EMERYVILLE, CA 94608	5350737 0.12 MI SW						X											

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	A			B					C		D						
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
7	BAY EXPORT SERVICES 717 POTTER ST BERKELEY, CA 94710	929779 0.13 MI N						X				X					X		
8	BAY CENTER PROJECT 65TH CHRISTIE EMERYVILLE, CA	929853 0.14 MI SW						X				X							
9	KRENZ INC ASHBY AT 6TH STREET BERKELEY, CA 94710	1150158 0.13 MI NE						X											
9	RINEHART'S OIL (TEXACO) 840 ASHBY AVE BERKELEY, CA 94710	5351626 0.13 MI NE						X				X							
9	ASHBY TEXACO 840 ASHBY BERKELEY, CA 94710	929738 0.13 MI NE															X		



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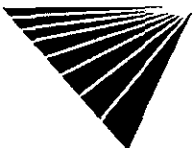
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D					
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
10	CHALLENGE MANUFACTURING CO. 1308 067TH EMERYVILLE, CA 94608	4016129 0.14 MI E															X		
10	COPPER BRASS SALES CO 1295 67TH ST EMERYVILLE, CA 94608	5350748 0.15 MI E										X							
10	COPPER AND BRASS SALES INC. 1295 67TH STREET EMERYVILLE, CA 94608	1248776 0.15 MI E						X									X		
11	LIQUID SUGARS INC 1275 66TH ST EMERYVILLE, CA 94608	5350745 0.17 MI E										X							
11	LIQUID SUGARS INC 1275 66TH ST EMERYVILLE, CA 94608	1591694 0.17 MI E						X											
11	CALAG PRODUCTS, INC. 1275 066TH EMERYVILLE, CA 94608	4016126 0.17 MI E															X		
12A	U.C. BERKELEY MURRAY ST/FOLGER ST/7TH ST BERKELEY, CA	3867381 0.18 MI NE								X									
12B	SUPER-7 901 ASHBY AVE BERKELEY, CA 94710	5351627 0.20 MI NE										X							
12B	UNION OIL CO, CALIF. 901 ASHBY BERKELEY, CA 94710	4018993 0.20 MI NE															X		
12B	SOUTHLAND CORPORATION (901 ASHBY) 901 ASHBY AVENUE BERKELEY, CA 94710	3785046 0.20 MI NE								X									
12B	SUPER 7 901 ASHBY AVE BERKELEY, CA 94710	929739 0.20 MI NE						X											
12C	MAC BEATH HARDWARE 930 ASHBY AVE BERKELEY, CA 94710	5351628 0.21 MI NE										X							
12C	MAC BEATH HARDWARE 930 ASHBY BERKELEY, CA 94710	929735 0.21 MI NE						X											
13	HENRY HORN SONS 1301 65TH EMERYVILLE, CA 94608	1176849 0.18 MI E						X											
13	HENRY HORN SONS 1301 65TH ST EMERYVILLE, CA 94608	5350736 0.18 MI E										X							
14A	RIX IND 6460 HOLLIS ST EMERYVILLE, CA 94608	356048 0.21 MI SE						X									X		
14B	J. T. THORPE SON, INC. 1351 OCEAN EMERYVILLE, CA 94608	1232643 0.23 MI SE															X		



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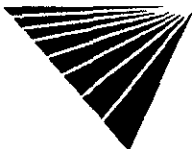
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D					
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
14B	GETZ CONSTRUCTION COMPANY 1351 OCEAN AVE EMERYVILLE, CA 94608	929859 0.23 MI SE						X					X						
15A	WAREHAM PROPERTIES 700 HEINZ AVENUE BERKELEY, CA 94710	4059145 0.23 MI N					X												
15A	DURKEE WAREHAM 700 HEINZ BERKELEY, CA 94710	929765 0.23 MI N						X				X							
15B	BERKELEY IND COURT 729 HEINZ AVE BERKELEY, CA 94710	44999 0.25 MI N					X												
15B	BERKELEY INDUSTRIAL COURT 729 HEINZ AVENUE BERKELEY, CA 94710	1585370 0.25 MI N						X	X										
16	DABCO 1249 67TH ST OAKLAND, CA 94608	5350747 0.23 MI E											X						
16	FABCO DIVISION 1249 067TH EMERYVILLE, CA 94608	4016128 0.23 MI E															X		
16	FABCO 1249 67TH ST EMERYVILLE, CA 94608	1582227 0.23 MI E							X										
17A	TRANSO/LACOSTE SITE 1600 64TH STREET 6401 BAY ST EMERYVILLE, CA 94068	5350735 0.23 MI S											X						
17A	TRANSO/LACOSTE SITE 1600 64TH STREET/6401 BAY STREET EMERYVILLE, CA 94608	3080516 0.23 MI S						X											
17A	TRANSO ENVELOPE CO. 1600 064TH EMERYVILLE, CA 94608	4016114 0.23 MI S															X		
18A	LOWENBERG CORPORATION 1410 64TH ST EMERYVILLE, CA 94608	5350734 0.24 MI SE											X						
18A	LOWENBERG CORPORATION 1410 64TH ST EMERYVILLE, CA 94608	1591685 0.24 MI SE						X											

MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D					
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
17	EMERYVILLE REDEVELOPMENT AGENCY 64TH BAY ST EMERYVILLE, CA 94608	3795617 0.26 MI S										X							



X = search criteria; • = tag-along (beyond search criteria).

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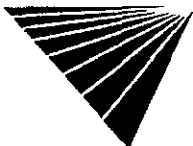
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D					
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
18	HFH LIMITED 6400 HOLLIS ST EMERYVILLE, CA 94608	929856 0.26 MI SE						X				X							
18	BLAZIC INDUSTRIAL SERIVCES 1399 64TH ST EMERYVILLE, CA 94608	5350733 0.26 MI SE										X							
19	OLIVER RUBBER CO 1200 65TH ST EMERYVILLE, CA 94608	308877 0.27 MI E						X		X						•	•	•	
20	PIE NATIONWIDE PROPERTY 5500 EASTSHORE HWY EMERYVILLE, CA 94608	5354469 0.28 MI SW										X							
20	GARRETT FREIGHT LINE 64TH LACOSTE EMERYVILLE, CA	5355502 0.30 MI SW										X							
20	GARRET FREIGHT LINE 64TH LACOSTE EMERYVILLE, CA	929850 0.30 MI SW						X		X									
20	CAPITOL REF CO FOOT OF 64TH ST EMERYVILLE, CA 94608	69205 0.31 MI SW					X												
21	FOLGER MURPHY PRPOERTY 1020 MURRAY ST BERKELEY, CA 94710	929773 0.28 MI NE						X				X							
21	ASPHALT PRODUCTS OIL CORP. 1001 ASHBY AVE. BERKELEY, CA 94710	29551 0.30 MI NE						X								•	•		
21	ALLEN PERRY 1001 ASHBY AVE BERKELEY, CA 94710	1592014 0.30 MI NE										X							
22	CITY OF EMERYVILLE REDEVELOPMENT AG 1265-1269 OCEAN AVE 64TH ST EMERYVILLE, CA	3863856 0.29 MI E								X									
22	CITY OF EMERYVILLE REDEVELOPMENT AG 12651269 OCEAN AVE/1268 64TH EMERYVILLE, CA	4823891 0.29 MI SE								X									
23	PETERSON MFG CO INC 1600 63RD ST EMERYVILLE, CA 94608	327086 0.29 MI SE						X											
24	EMERYBAY MARKET PLACE 6425 CHRISTIE ST EMERYVILLE, CA 94608	5352902 0.29 MI S						X											
24	EMERYVILLE MARKET PLACE 6425 CHRISTIE ST EMERYVILLE, CA 94608	5352903 0.29 MI S										X							
25	J.W.P. MECHANICAL 999 ANTHONY ST BERKELEY, CA 94710	3765863 0.30 MI NE						X											
25	J. W. P. MECHANICAL 999 ANTHONY ST BERKELEY, CA 94710	5351406 0.30 MI NE										X							



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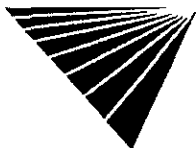
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D					
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
26	TEMESCAL 2850 7TH ST. BERKELEY, CA 94710	4570501 0.35 MI N									X								
26	EDWARDS/TEMESCAL 2850 SEVENTH ST BERKELEY, CA 94710	3867316 0.35 MI N									X								
26	CHRONICLE DEPOT 2817 7TH ST BERKELEY, CA 94710	929724 0.38 MI N						X				X							
27	BAYOX 1171 OCEAN AVE EMERYVILLE, CA 94608	930213 0.37 MI E						X											
28	US POSTAL SERVICE 6121 HOLLIS ST #8 EMERYVILLE, CA 94608	4222653 0.38 MI SE						X											
28	PROPOSED US POSTAL SERVICE BRANCH 6121 HOLLIS ST EMERYVILLE, CA 94608	3781327 0.38 MI SE									X								
28	ITT GRINNELL PROPERTY 6121 HOLLIS STREET EMERYVILLE, CA 94608	1154988 0.38 MI SE						X											
28	HOLLIS STREET PROJECT 6050 HOLLIS ST. EMERYVILLE, CA 94608	929857 0.41 MI SE						X											
29	DUTRO COMPANY 1333 62ND EMERYVILLE, CA 94608	5350732 0.39 MI SE										X							
29	DUTRO COMPANY 1333 62ND STREET EMERYVILLE, CA 94608	130452 0.39 MI SE						X											•
30	MYERS DRUM - OAKLAND 6549 SAN PABLO AVENUE EMERYVILLE, CA 94608	288615 0.40 MI E				X	X					X						•	•
30	MYERS DRUM - OAKLAND 6549 SAN PABLO AVENUE OAKLAND, CA 94608	2749130 0.40 MI E									X								
31	PQ CORP THE 801 GRAYSON ST BERKELEY, CA 94710	337053 0.40 MI N						X				X						•	•
32	SHELLMOUND STREET 4300 EASTSHORE HIGHWAY EMERYVILLE, CA 94608	5286401 0.42 MI SW						X											
32	CHIRON 4300 EASTSHORE HWY EMERYVILLE, CA 94608	1593349 0.42 MI SW						X											
32	MARRIOT SITE/PARCEL 2 4300 EASTSHORE HIGHWAY EMERYVILLE, CA	3867342 0.42 MI SW									X								
33	KING-KNIGHT COMPANY 6202 CHRISTIE AVENUE EMERYVILLE, CA 94608	1238838 0.42 MI S						X											•



X = search criteria; • = tag-along (beyond search criteria).

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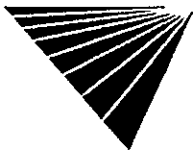
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D					
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
34	CHEVRON USA INC., STATION #901 2995 SAN PABLO BERKELEY, CA 94702	1143906 0.43 MI NE											X						
34	BERKELEY BUSINESS CENTER 2900 SAN PABLO AVE BERKELEY, CA 94702	929792 0.45 MI NE											X						
35	PCC 6400 SAN PABLO AVE OAKLAND, CA 94608	5358087 0.46 MI E											X						
35	PCC 6400 SAN PABLO EMERYVILLE, CA 94608	1176340 0.46 MI E							X										
35	BOLIN'S SERVICE GARAGE 6335 SAN PABLO AVE EMERYVILLE, CA 94608	930231 0.48 MI E							X										
35	CARS RENT A CAR 6301 SAN PABLO AVE EMERYVILLE, CA 94608	5358086 0.50 MI E							X										
36	C M MEAT CO 2843 SAN PABLO AVE BERKELEY, CA 94702	5358078 0.49 MI NE							X										
36	MEYER SOUND 2832 SAN PABLO BERKELEY, CA 94702	1177025 0.50 MI NE							X	X		X							
37	EMERALD PACKAGING IN 2821 10TH STREET BERKELEY, CA 94710	138919 0.50 MI NE							X			X							•

MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D					
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
38	PFIZER INC 4650 SHELLMOUND ST EMERYVILLE, CA 94608	327674 0.83 MI S		X	X			•	•	•									•
39	VERIFLOW METAL FINISHING DIV 800 BANCROFT WY BERKELEY, CA 94710	3976829 0.96 MI N			X														•



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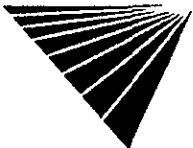
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UNMAPPED SITES	VISTA ID	A			B						C			D				
		NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	ERNS
DOT - WEST FRONTAGE RD. BERKELEY W. OF HWY 80 APPROX. VIRGINIA BERKELEY, CA 94710	5351430											X						
CALTRANS WEST FRONTAGE RD BERKELEY W. OF HWY 80 APPROX. VIRGINIA TO GIL BERKELEY, CA 94710	5351431					X												
CHASE PROPERTY 236678 SAN PABLO AVE BERKELEY, CA	5358109											X						
OAKLAND ARMY BASE (FORMERLY ASI LEA OAKLAND, CA	4570445									X								
WDR-CARNATION TERML DRDG DISPL SEVENTH ST TERMINAL COMPLEX OAKLAND, CA	4823893							X										
ANOTHER TREE EMERYVILLE PROJECT SOUTH OF MARKETPLACE EMERYVILLE, CA 94608	1594721									X								
EMERYVILLE REDEVELOPMENT AGCY TRANSO/LACOSTE SITE EMERYVILLE, CA 94608	5351043											X						
EMERYVILLE MARKETPLACE BETW 64TH, POWELL, 180, SPRR TR EMERYVILLE, CA 94608	1591690					X												
WDR-BERKELEY LANDFILL CO BERKELEY WATERFRONT BERKELEY, CA	4827029							X										
OAKLAND ARMY BASE (FORMERLY ASI LEA OAKLAND, CA 94626	4823458									X								
EMERYVILLE REDEVELOPMENT AGCY TRANSO/LACOSTE SITE EMERYVILLE, CA 94608	4983988						X											
SHELL DEVELOPMENT CO. EMERYVILLE, CA 94608	5349819						X											
AT T COMMUNICATIONS INC 5.3 MI NE OF OAKLAND, CA 94600	481526																	X



X = search criteria; • = tag-along (beyond search criteria).

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SITE ASSESSMENT PLUS REPORT

DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

VISTA Address*:	CLEARPRINT PAPER CO 1482 67TH EMERYVILLE, CA 94608	VISTA ID#:	87420
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point

Map ID
1A

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address: SAME AS ABOVE			
Underground Tanks: 4			
Aboveground Tanks: NOT REPORTED			
Tanks Removed: NOT REPORTED			
Tank ID:	1	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	EMPTY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	8000 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	2	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	MISC CHEMICAL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	10000 (GALLONS)	Tank Material:	FIBERGLASS
Tank ID:	3	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	EMPTY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	9450 (GALLONS)	Tank Material:	FIBERGLASS
Tank ID:	4	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	MISC. CHEMICAL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	1000 (GALLONS)	Tank Material:	BARE STEEL

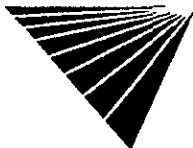
VISTA Address*:	COULTER STEEL FORGE CO 1494 67TH ST EMERYVILLE, CA 94608	VISTA ID#:	103567
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point

Map ID
1A

RCRA-LgGen - RCRA-Large Generator / SRC# 2271		EPA ID:	CAD009114265
Agency Address: SAME AS ABOVE			
Generator Class: GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.			

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		Agency ID:	1385
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Agency Address:		SAME AS ABOVE	
Tank Status:		NOT AVAILABLE	
Media Affected:		SOIL/SAND/LAND	
Substance:		DIESEL	
Leak Cause:		UNAVAILABLE	
Remedial Action:		EXCAVATE DISPOSE	
Remedial Status 1:		REM ACTION PLAN	
Remedial Status 2:		NOT AVAILABLE	
Fields Not Reported:		Discovery Date, Quantity (Units), Leak Source	



PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-1415
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Agency Address: SAME AS ABOVE
Tank Status: NOT AVAILABLE
Discovery Date: DECEMBER 27, 1991
Media Affected: SOIL/SAND/LAND
Substance: DIESEL
Leak Cause: UNKNOWN
Leak Source: UNDERGROUND TANK
Remedial Action: EXCAVATE DISPOSE
Remedial Status 1: REM ACTION PLAN
Remedial Status 2: NOT AVAILABLE
Fields Not Reported: Quantity (Units)

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A
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Agency Address: COULTER STEEL FORGE CO.
 1494 67TH
 EMERYVILLE, CA 94662
Underground Tanks: 2
Aboveground Tanks: NOT REPORTED
Tanks Removed: NOT REPORTED

Tank ID: 1	Tank Status: ACTIVE/IN SERVICE
Tank Contents: LEADED GAS	Leak Monitoring: UNKNOWN
Tank Age: NOT REPORTED	Tank Piping: UNKNOWN
Tank Size (Units): 1000 (GALLONS)	Tank Material: UNKNOWN
Tank ID: 2	Tank Status: CLOSED REMOVED
Tank Contents: DIESEL	Leak Monitoring: UNKNOWN
Tank Age: NOT REPORTED	Tank Piping: UNKNOWN
Tank Size (Units): 10000 (GALLONS)	Tank Material: UNKNOWN

TRIS - Toxic Release Inventory System / SRC# 1954	EPA ID:	CAD009114265
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Agency Address: COULTER STEEL FORGE CO.
 1494 67TH ST.
 EMERYVILLE, CA 94608

Chemical Abstract Service Registry:	Quantity Released:
CHROMIUM	919.00 (POUNDS)
COPPER	172.00 (POUNDS)
NICKEL	1122.00 (POUNDS)

VISTA Address*:	PHARMEX LTD 1499 67TH ST EMERYVILLE, CA 94608	VISTA ID#:	328189	Map ID 1B
		Distance/Direction:	0.00 MI / ADJACENT	
		Plotted as:	Point	

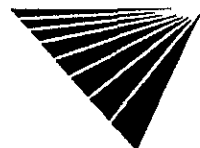
RCRA-LgGen - RCRA-Large Generator / SRC# 2271	EPA ID:	CAD981167422
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Agency Address: SAME AS ABOVE
Generator Class: GENERATORS WHO GENERATE AT LEAST 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG./MONTH OF ACUTELY HAZARDOUS WASTE.

VISTA Address*:	MIKE ROBERTS COLOR PRODUCTIONS 6707 BAY STREET EMERYVILLE, CA 94608	VISTA ID#:	274405	Map ID 1C
		Distance/Direction:	0.00 MI / ADJACENT	
		Plotted as:	Point	

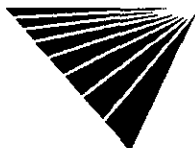
CERCLIS / SRC# 2241	EPA ID:	CAD009133190
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Agency Address: SAME AS ABOVE
NPL Status: NOT A PROPOSED, CURRENT, OR DELETED NPL SITE
Site Ownership: PRIVATE/NON-GOVERNMENTAL
Lead Agency: NO DETERMINATION
Site Description: NOT REPORTED



PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	FEBRUARY 13, 1989
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	OCTOBER 1, 1990
SCREENING SITE INSPECTION	EPA FUND-FINANCED	NO FURTHER REMEDIAL ACTION PLANNED	NOT REPORTED	NOVEMBER 2, 1992
Regional CERCLIS / SRC# 2230			EPA ID:	CAD009133190
Agency Address:		SAME AS ABOVE		
Regional Utility Description:				
NEW CERCLIS SITE				
SCL - State Equivalent CERCLIS List / SRC# 2292			Agency ID:	01270025
Agency Address:		MIKE ROBERTS COLOR PRODUCTIONS (MRCP) 6707 BAY STREET EMERYVILLE, CA 94608		
Facility Type:	NOT AVAILABLE			
Lead Agency:	NOT AVAILABLE			
State Status:	REFERRED TO ANOTHER AGENCY			
Pollutant 1:	UNKNOWN			
Pollutant 2:	UNKNOWN			
Pollutant 3:	UNKNOWN			
Fields Not Reported:	Status			
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296			Agency ID:	414
Agency Address:		SAME AS ABOVE		
Tank Status:	NOT AVAILABLE			
Media Affected:	GROUNDWATER			
Substance:	GASOLINE (UNSPECIFIED)			
Leak Cause:	UNAVAILABLE			
Remedial Action:	VENT SOIL			
Remedial Status 1:	PRELIMINARY ASSESSMENT			
Remedial Status 2:	NOT AVAILABLE			
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source			
Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295			Agency ID:	01-0971
Agency Address:		MIKE ROBERTS COLOR PRODUCTIONS 6707 BAY ST EMERYVILLE, CA 94608		
Tank Status:	NOT AVAILABLE			
Discovery Date:	OCTOBER 9, 1990			
Media Affected:	GROUNDWATER			
Substance:	GASOLINE (UNSPECIFIED)			
Leak Cause:	STRUCTURAL FAILURE			
Leak Source:	UNDERGROUND TANK			
Remedial Action:	VENT SOIL			
Remedial Status 1:	PRELIMINARY ASSESSMENT			
Remedial Status 2:	NOT AVAILABLE			
Fields Not Reported:	Quantity (Units)			



*** VISTA address includes enhanced city and ZIP.**

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	ESSELTE PENDAFLEX DYMO DIV 6701 BAY ST EMERYVILLE, CA 94608	VISTA ID#:	142539
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 2271		EPA ID:	CAD064155476
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG /MONTH OF ACUTELY HAZARDOUS WASTE		

Map ID

1C

VISTA Address*:	FOLGER AVENUE PROPERTY 722 FOLGER AVE EMERYVILLE, CA 94608	VISTA ID#:	5354521
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	DIESEL		
Leak Cause:	UNAVAILABLE		
Remedial Action:	EXCAVATE TREAT		
Remedial Status 1:	CONTAMINATION ASSESSMENT		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Map ID

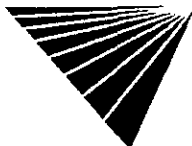
2A

VISTA Address*:	FOLGER AVENUE PROPERTY 722 FOLGER AVE BERKELEY, CA 94710	VISTA ID#:	4558345
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point
Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-0460
Agency Address:	FOLGER AVENUE PROPERTY 722 FOLGER AVE EMERYVILLE, CA 94608		
Tank Status:	NOT AVAILABLE		
Discovery Date:	AUGUST 11, 1992		
Media Affected:	GROUNDWATER		
Substance:	DIESEL		
Leak Cause:	STRUCTURAL FAILURE		
Leak Source:	UNDERGROUND TANK		
Remedial Action:	EXCAVATE TREAT		
Remedial Status 1:	CONTAMINATION ASSESSMENT		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		

Map ID

2A

CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	FOLGER AVENUE PROPERTY 722 FOLGER AVE BERKELEY, CA		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-000596		



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	WEATHERFORD BMW 734 ASHBY AVE BERKELEY, CA 94710	VISTA ID#:	5351625
		Distance/Direction:	0.0 MI / N
		Plotted as:	Point
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	WEATHERFORD BMW 734 ASHBY AVE BERKELEY, CA LEAKING TANK		
List Name:			
Site ID:	INV-ID01-005142		

Map ID
2B

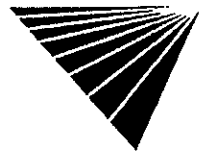
VISTA Address*:	WEATHERFORD B M W 735 ASHBY AVE BERKELEY, CA 94710	VISTA ID#:	1268194
		Distance/Direction:	0.0 MI / N
		Plotted as:	Point
RCRA-SmGen - RCRA-Small Generator / SRC# 2271		EPA ID:	CAD981658503
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE 100 KG./MONTH BUT LESS THAN 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE		

Map ID
2B

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A
Agency Address:	WEATHERFORD BMW 735 ASHBY AVE BERKELEY, CA 94710		
Tank Status:	NOT AVAILABLE		
Media Affected:	UNKNOWN		
Substance:	WASTE OIL		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-1803
Agency Address:	WEATHERFORD BMW 735 ASHBY AVE BERKELEY, CA 94704		
Tank Status:	NOT AVAILABLE		
Media Affected:	UNKNOWN		
Substance:	WASTE OIL		
Leak Cause:	UNKNOWN		
Leak Source:	REPORTED AS "UNKNOWN" BY AGENCY		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units)		

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	WEATHERFORD BMW 735 ASHBY BERKELEY, CA 94710		
Underground Tanks:	2		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	EMPTY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	1000 (GALLONS)	Tank Material:	UNKNOWN



PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	2	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	EMPTY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	1000 (GALLONS)	Tank Material:	UNKNOWN

VISTA Address*:	GRING PEST CONTROL 741 FOLGER ST BERKELEY, CA 94710	VISTA ID#:	929761
		Distance/Direction:	0.0 MI / NE
		Plotted as:	Point

Map ID
2C

STATE LUST - State Leaking Underground Storage Tank / SRC#	2296	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC#	2295	Agency ID:	01-0724
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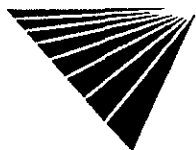
Agency Address:	GRING PEST CONTROL 741 FOLGER ST BERKELEY, CA 94704
Tank Status:	NOT AVAILABLE
Discovery Date:	FEBRUARY 23, 1987
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

STATE UST - State Underground Storage Tank / SRC#	1612	EPA/Agency ID:	N/A
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Agency Address:	GRING PEST CONTROL SERVICE, IN 741 FOLGER BERKELEY, CA 94710
Underground Tanks:	2
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	1	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	2000 (GALLONS)	Tank Material:	BARE STEEL

Tank ID:	2	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	500 (GALLONS)	Tank Material:	BARE STEEL



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	GRING PEST CONTROL 741 FOLGER AVE BERKELEY, CA		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-000850		

VISTA Address*:	ABBOT, COLE DEGRAF, INC. 6603 BAY EMERYVILLE, CA 94608	VISTA ID#:	1244570
		Distance/Direction:	0.0 MI / SW
		Plotted as:	Point

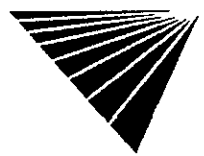
Map ID
3

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Underground Tanks:	3		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	2000 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	2	Tank Status:	CLOSED REMOVED
Tank Contents:	LEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	7500 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	3	Tank Status:	CLOSED REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	6000 (GALLONS)	Tank Material:	BARE STEEL

VISTA Address*:	DUBOVSKY PROPERTY 6603 BAY ST EMERYVILLE, CA 94608	VISTA ID#:	1583282
		Distance/Direction:	0.0 MI / SW
		Plotted as:	Point

Map ID
3

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		Agency ID:	3710
Agency Address:	DUBOVSKY PROPERTY 6603 BAY ST EMERYVILLE, CA		
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	DIESEL		
Leak Cause:	UNAVAILABLE		
Remedial Action:	EXCAVATE TREAT		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		



PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0516
Agency Address:	SAME AS ABOVE	
Tank Status:	NOT AVAILABLE	
Discovery Date:	OCTOBER 10, 1989	
Media Affected:	GROUNDWATER	
Substance:	DIESEL	
Leak Cause:	UNKNOWN	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	EXCAVATE TREAT	
Remedial Status 1:	LEAK BEING CONFIRMED	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	

VISTA Address*:	LEOPARD TRADING CO 6601 BAY ST EMERYVILLE, CA 94608	VISTA ID#:	1583281
		Distance/Direction:	0.0 MI / SW
		Plotted as:	Point

Map ID
3

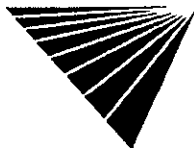
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	3696
Agency Address:	LEOPARD TRADING CO 6601 BAY ST EMERYVILLE, CA	
Tank Status:	NOT AVAILABLE	
Media Affected:	GROUNDWATER	
Substance:	GASOLINE (UNSPECIFIED)	
Leak Cause:	UNAVAILABLE	
Remedial Action:	NO ACTION TAKEN	
Remedial Status 1:	LEAK BEING CONFIRMED	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source	

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0896
Agency Address:	SAME AS ABOVE	
Tank Status:	NOT AVAILABLE	
Discovery Date:	AUGUST 23, 1989	
Media Affected:	GROUNDWATER	
Substance:	GASOLINE (UNSPECIFIED)	
Leak Cause:	STRUCTURAL FAILURE	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	NO ACTION TAKEN	
Remedial Status 1:	LEAK BEING CONFIRMED	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	

VISTA Address*:	MCGRATH STEEL COMPANY INC. 6655 HOLLIS EMERYVILLE, CA 94608	VISTA ID#:	1261068
		Distance/Direction:	0.0 MI / E
		Plotted as:	Point

Map ID
4A

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE	
Underground Tanks:	2	
Aboveground Tanks:	NOT REPORTED	
Tanks Removed:	NOT REPORTED	



PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	1	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	2000 (GALLONS)	Tank Material:	OTHER DESCRIPTIONS
Tank ID:	2	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	2000 (GALLONS)	Tank Material:	OTHER DESCRIPTIONS

VISTA Address*:	ATLAS PACIFIC ENGRG CO INC DEL 1321-67TH ST AT HOLLIS ST EMERYVILLE, CA 94608	VISTA ID#:	31192
		Distance/Direction:	0.10 MI / E
		Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 2271		EPA ID:	CAD009130899
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG./MONTH OF ACUTELY HAZARDOUS WASTE		

Map ID
4B

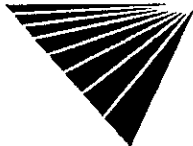
VISTA Address*:	RYERSON STEEL 1465 65TH ST EMERYVILLE, CA 94608	VISTA ID#:	1233356
		Distance/Direction:	0.10 MI / S
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		Agency ID:	799

Map ID
5

Agency Address:	RYERSON STEEL 1465 65TH ST EMERYVILLE, CA 94662
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-1785
Agency Address:	RYERSON STEEL ALUMINUM 1465 65TH ST EMERYVILLE, CA 94608		
Tank Status:	NOT AVAILABLE		
Discovery Date:	MARCH 25, 1993		
Media Affected:	GROUNDWATER		
Substance:	DIESEL		
Leak Cause:	UNKNOWN		
Leak Source:	UNDERGROUND TANK		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	RYERSON STEEL ALUMINUM 1465 65TH EMERYVILLE, CA 94608		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		



PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	1	Tank Status:	CLOSED REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	BARE STEEL
Tank Size (Units):	10000 (GALLONS)	Tank Material:	BARE STEEL

VISTA Address*:	ULTRAMAR (BEACON) 6529 HOLLIS ST EMERYVILLE, CA 94608	VISTA ID#:	5355011
		Distance/Direction:	0.10 MI / SE
		Plotted as:	Point
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-003556		

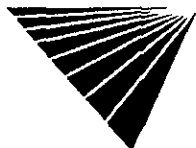
Map ID
6

VISTA Address*:	GROVE VALVE AND REGULATOR CO. 6529 HOLLIS ST EMERYVILLE, CA 94608	VISTA ID#:	200303901		
		Distance/Direction:	0.10 MI / SE		
		Plotted as:	Point		
ERNS - Emergency Response Notification System / SRC# 2255		Agency ID:	94-3968		
Agency Address:	SAME AS ABOVE				
Spill Date Time:	MAY 18, 1994 07:30:00 PM				
Case Number:	94-3968				
Spill Location:	6529 HOLLIS ST				
Source Agency:	E				
Discharger Name:	TALENT BILL				
Discharger Org:	GROVE VALVE AND REGULATOR CO.				
Material Spilled:	SCS77(OMNICHEM) RUST PREVENTIVE, 30.00 (GAL)				
Waterway Affected:	STORM DRAIN/SANITARY SEWER				
Fields Not Reported:	Discharger Phone				
Air Release:	Land Release:	Water Release:	Ground Release:	Facility Release:	Other Release:
NO	YES	NO	NO	NO	NO

Map ID
6

VISTA Address*:	GROVE VALVE AND REGULATOR CO. 6529 HOLLIS ST EMERYVILLE, CA 94608	VISTA ID#:	200304184		
		Distance/Direction:	0.10 MI / SE		
		Plotted as:	Point		
ERNS - Emergency Response Notification System / SRC# 2255		Agency ID:	94-3968		
Agency Address:	SAME AS ABOVE				
Spill Date Time:	MAY 18, 1994 07:30:00 PM				
Case Number:	94-3968				
Spill Location:	6529 HOLLIS ST				
Source Agency:	E				
Discharger Name:	TALENT BILL				
Discharger Org:	GROVE VALVE AND REGULATOR CO.				
Material Spilled:	SCS77(OMNICHEM) RUST PREVENTIVE, 30.00 (GAL)				
Waterway Affected:	STORM DRAIN/SANITARY SEWER				
Fields Not Reported:	Discharger Phone				
Air Release:	Land Release:	Water Release:	Ground Release:	Facility Release:	Other Release:
NO	NO	YES	NO	NO	NO

Map ID
6



PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	GROVE VALVE REGULATOR CO 6529 HOLLIS ST EMERYVILLE, CA 94608	VISTA ID#:	181810
		Distance/Direction:	0.11 MI / SE
		Plotted as:	Point

Map ID

6

RCRA-LgGen - RCRA-Large Generator / SRC# 2271		EPA ID:	CAD066564824
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG /MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG /MONTH OF ACUTELY HAZARDOUS WASTE.		

VISTA Address*:	WEATHERFORD MITSUBISHI 750 POTTER ST BERKELEY, CA 94710	VISTA ID#:	4866849
		Distance/Direction:	0.12 MI / N
		Plotted as:	Point

Map ID

7

RCRA-SmGen - RCRA-Small Generator / SRC# 2271		EPA ID:	CA0000072546
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE 100 KG /MONTH BUT LESS THAN 1000 KG /MONTH OF NON-ACUTELY HAZARDOUS WASTE		

VISTA Address*:	KRENZ LTD 750 POTTER ST BERKELEY, CA 94710	VISTA ID#:	4558642
		Distance/Direction:	0.12 MI / N
		Plotted as:	Point

Map ID

7

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A
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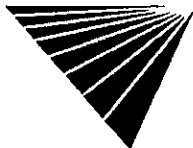
Agency Address:	KRENZ LTD 750 POTTER ST BERKELEY, CA
Tank Status:	NOT AVAILABLE
Media Affected:	DRINKING WATER SUPPLY
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	REM ACTION PLAN
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-0868
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Agency Address:	KRENZ LTD 750 POTTER ST BERKELEY, CA 94704
Tank Status:	NOT AVAILABLE
Discovery Date:	APRIL 27, 1992
Media Affected:	DRINKING WATER SUPPLY
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	REM ACTION PLAN
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

CORTESE / SRC# 2298		EPA/Agency ID:	N/A
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Agency Address:	KRENZ LTD 750 POTTER ST BERKELEY, CA
List Name:	LEAKING TANK
Site ID:	INV-ID01-005184



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Map ID

8

VISTA Address*:	EMERY BAY PLAZA/BAYFRONT 1650 65TH ST EMERYVILLE, CA 94608	VISTA ID#:	5350737
		Distance/Direction:	0.12 MI / SW
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	4352
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Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	EXCAVATE DISPOSE
Remedial Status 1:	REM ACTION PLAN
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0558
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Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Discovery Date:	MAY 13, 1987
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	EXCAVATE DISPOSE
Remedial Status 1:	REM ACTION PLAN
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

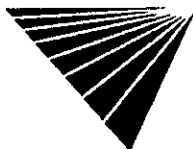
Map ID

7

VISTA Address*:	BAY EXPORT SERVICES 717 POTTER ST BERKELEY, CA 94710	VISTA ID#:	929779
		Distance/Direction:	0.13 MI / N
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
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Agency Address:	BAY EXPORT SERVICES 717 POTTER ST BERKELEY, CA
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	PRELIMINARY ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0162
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Agency Address:	BAY EXPORT SERVICES 717 POTTER ST BERKELEY, CA 94704
Tank Status:	NOT AVAILABLE
Discovery Date:	APRIL 1, 1988
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	PRELIMINARY ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A
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Agency Address:	BAY EXPORT SERVICES 717 POTTER BERKELEY, CA 94710	
Underground Tanks:	2	
Aboveground Tanks:	NOT REPORTED	
Tanks Removed:	NOT REPORTED	
Tank ID:	1	Tank Status: CLOSED
Tank Contents:	DIESEL	Leak Monitoring: UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping: UNKNOWN
Tank Size (Units):	1000 (GALLONS)	Tank Material: BARE STEEL
Tank ID:	2	Tank Status: CLOSED
Tank Contents:	LEADED GAS	Leak Monitoring: UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping: UNKNOWN
Tank Size (Units):	1000 (GALLONS)	Tank Material: UNKNOWN

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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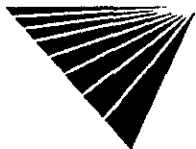
Agency Address:	BAY EXPORT SERVICES 717 POTTER ST BERKELEY, CA	
List Name:	LEAKING TANK	
Site ID:	INV-ID01-000280	

VISTA Address*:	BAY CENTER PROJECT 65TH CHRISTIE EMERYVILLE, CA	VISTA ID#:	929853
		Distance/Direction:	0.14 MI / SW
		Plotted as:	Point

Map ID
8

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE	
Tank Status:	NOT AVAILABLE	
Media Affected:	GROUNDWATER	
Substance:	DIESEL	
Leak Cause:	UNAVAILABLE	
Remedial Action:	REMOVE FREE PRODUCT	
Remedial Status 1:	CONTAMINATION ASSESSMENT	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source	



SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-0157
Agency Address:	BAY CENTER PROJECT 1665 65TH ST EMERYVILLE, CA 94608		
Tank Status:	NOT AVAILABLE		
Discovery Date:	JULY 30, 1985		
Media Affected:	GROUNDWATER		
Substance:	DIESEL		
Leak Cause:	STRUCTURAL FAILURE		
Leak Source:	UNDERGROUND TANK		
Remedial Action:	REMOVE FREE PRODUCT		
Remedial Status 1:	CONTAMINATION ASSESSMENT		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		

CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	BAY CENTER PROJECT 1665 65TH ST EMERYVILLE, CA		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-000275		

VISTA Address*:	KRENZ INC ASHBY AT 6TH STREET BERKELEY, CA 94710	VISTA ID#:	1150158
		Distance/Direction:	0.13 MI / NE
		Plotted as:	Point

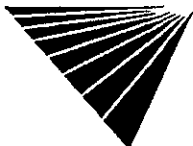
Map ID
9

SCL - State Equivalent CERCLIS List / SRC# 2292		Agency ID:	01340101
Agency Address:	SAME AS ABOVE		
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	REFERRED TO ANOTHER AGENCY		
Pollutant 1:	WASTE OIL MIXED OIL		
Pollutant 2:	METAL DUST MACHINING WASTE		
Pollutant 3:	CONTAMINATED SOIL		
Fields Not Reported:	Status		

VISTA Address*:	RINEHART'S OIL (TEXACO) 840 ASHBY AVE BERKELEY, CA 94710	VISTA ID#:	5351626
		Distance/Direction:	0.13 MI / NE
		Plotted as:	Point

Map ID
9

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A
Agency Address:	RINEHART'S OIL (TEXACO) 840 ASHBY AVE BERKELEY, CA		
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	EXCAVATE DISPOSE		
Remedial Status 1:	REM ACTION PLAN		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		



SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

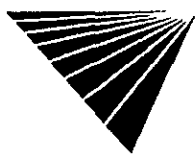
Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-1243
Agency Address:	RINEHART'S OIL (TEXACO) 840 ASHBY AVE BERKELEY, CA 94704	
Tank Status:	NOT AVAILABLE	
Discovery Date:	MARCH 27, 1986	
Media Affected:	GROUNDWATER	
Substance:	GASOLINE (UNSPECIFIED)	
Leak Cause:	STRUCTURAL FAILURE	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	EXCAVATE DISPOSE	
Remedial Status 1:	REM ACTION PLAN	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
Agency Address:	RINEHART'S OIL (TEXACO) 840 ASHBY AVE BERKELEY, CA	
List Name:	LEAKING TANK	
Site ID:	INV-ID01-001362	

VISTA Address*:	ASHBY TEXACO 840 ASHBY BERKELEY, CA 94710	VISTA ID#:	929738
		Distance/Direction:	0.13 MI / NE
		Plotted as:	Point

Map ID
9

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A	
Agency Address:	ASHBY TEXACO 840 ASHBY BERKELEY, CA 94526		
Underground Tanks:	4		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	6000 (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	2	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	4000 (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	3	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	2000 (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	4	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	4000 (GALLONS)	Tank Material:	UNKNOWN



SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

VISTA Address*:	CHALLENGE MANUFACTURING CO. 1308 067TH EMERYVILLE, CA 94608	VISTA ID#:	4016129
		Distance/Direction:	0.14 MI / E
		Plotted as:	Point

Map ID

10

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	CHALLENGE MANUFACTURING CO 1308 067TH OAKLAND, CA 94608		
Underground Tanks:	2		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	2	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	250 (GALLONS)	Tank Material:	BARE STEEL

VISTA Address*:	COPPER BRASS SALES CO 1295 67TH ST EMERYVILLE, CA 94608	VISTA ID#:	5350748
		Distance/Direction:	0.15 MI / E
		Plotted as:	Point

Map ID

10

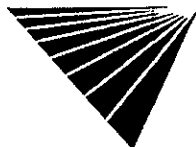
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-000589		

VISTA Address*:	COPPER AND BRASS SALES INC. 1295 67TH STREET EMERYVILLE, CA 94608	VISTA ID#:	1248776
		Distance/Direction:	0.15 MI / E
		Plotted as:	Point

Map ID

10

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		Agency ID:	3932
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT AVAILABLE		
Media Affected:	SOIL/SAND/LAND		
Substance:	DIESEL		
Leak Cause:	UNAVAILABLE		
Remedial Action:	EXCAVATE DISPOSE		
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0726
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Agency Address: COPPER BRASS SALES CO
1295 67TH ST
EMERYVILLE, CA 94608

Tank Status: NOT AVAILABLE

Discovery Date: FEBRUARY 24, 1993

Media Affected: SOIL/SAND/LAND

Substance: DIESEL

Leak Cause: CORROSION

Leak Source: UNDERGROUND TANK

Remedial Action: EXCAVATE DISPOSE

Remedial Status 1: CASE CLOSED/CLEANUP COMPLETE

Remedial Status 2: NOT AVAILABLE

Fields Not Reported: Quantity (Units)

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A
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Agency Address: COPPER AND BRASS SALES INC
1295 67TH
EMERYVILLE, CA 94608

Underground Tanks: 1

Aboveground Tanks: NOT REPORTED

Tanks Removed: NOT REPORTED

Tank ID: 1	Tank Status: CLOSED REMOVED
Tank Contents: DIESEL	Leak Monitoring: UNKNOWN
Tank Age: NOT REPORTED	Tank Piping: BARE STEEL
Tank Size (Units): 2000 (GALLONS)	Tank Material: BARE STEEL

VISTA Address*:	LIQUID SUGARS INC 1275 66TH ST EMERYVILLE, CA 94608	VISTA ID#:	5350745
		Distance/Direction:	0.17 MI / E
		Plotted as:	Point

Map ID
11

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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Agency Address: SAME AS ABOVE

List Name: LEAKING TANK

Site ID: INV-ID01-001031

VISTA Address*:	LIQUID SUGARS INC 1275 66TH ST EMERYVILLE, CA 94608	VISTA ID#:	1591694
		Distance/Direction:	0.17 MI / E
		Plotted as:	Point

Map ID
11

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	537
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Agency Address: LIQUID SUGARS INC
1275 66TH ST
EMERYVILLE, CA

Tank Status: NOT AVAILABLE

Media Affected: SOIL/SAND/LAND

Substance: DIESEL

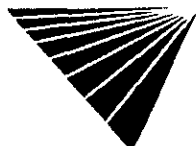
Leak Cause: UNAVAILABLE

Remedial Action: NO ACTION TAKEN

Remedial Status 1: REM ACTION PLAN

Remedial Status 2: NOT AVAILABLE

Fields Not Reported: Discovery Date, Quantity (Units), Leak Source



SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0917
Agency Address:	SAME AS ABOVE	
Tank Status:	NOT AVAILABLE	
Discovery Date:	JANUARY 25, 1991	
Media Affected:	SOIL/SAND/LAND	
Substance:	DIESEL	
Leak Cause:	STRUCTURAL FAILURE	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	NO ACTION TAKEN	
Remedial Status 1:	REM ACTION PLAN	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	

VISTA Address*:	CALAG PRODUCTS, INC. 1275 066TH EMERYVILLE, CA 94608	VISTA ID#:	4016126
		Distance/Direction:	0.17 MI / E
		Plotted as:	Point

Map ID
11

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A	
Agency Address:	SAME AS ABOVE		
Underground Tanks:	3		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	CLOSED REMOVED
Tank Contents:	LEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	2000 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	2	Tank Status:	CLOSED REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	10000 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	3	Tank Status:	CLOSED REMOVED
Tank Contents:	LEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	2000 (GALLONS)	Tank Material:	BARE STEEL

VISTA Address*:	SUPER-7 901 ASHBY AVE BERKELEY, CA 94710	VISTA ID#:	5351627
		Distance/Direction:	0.20 MI / NE
		Plotted as:	Point

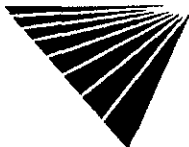
Map ID
12B

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
Agency Address:	SUPER-7 901 ASHBY AVE BERKELEY, CA	
List Name:	LEAKING TANK	
Site ID:	INV-ID01-001558	

VISTA Address*:	UNION OIL CO, CALIF. 901 ASHBY BERKELEY, CA 94710	VISTA ID#:	4018993
		Distance/Direction:	0.20 MI / NE
		Plotted as:	Point

Map ID
12B

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE	
Underground Tanks:	4	
Aboveground Tanks:	NOT REPORTED	
Tanks Removed:	NOT REPORTED	



* VISTA address includes enhanced city and ZIP.

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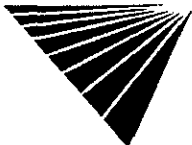
Tank ID:	1	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	12000 (GALLONS)	Tank Material:	FIBERGLASS
Tank ID:	2	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	12000 (GALLONS)	Tank Material:	FIBERGLASS
Tank ID:	3	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	12000 (GALLONS)	Tank Material:	FIBERGLASS
Tank ID:	4	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	12000 (GALLONS)	Tank Material:	FIBERGLASS

VISTA Address*:	SUPER 7 901 ASHBY AVE BERKELEY, CA 94710	VISTA ID#:	929739
		Distance/Direction:	0.20 MI / NE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A

Map ID
12B

Agency Address:	SUPER 7 901 ASHBY AVE BERKELEY, CA NOT AVAILABLE
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	PUMP TREAT (GW)
Remedial Status 1:	REM ACTION TAKEN
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-1444
Agency Address:	SUPER-7 901 ASHBY AVE BERKELEY, CA 94704 NOT AVAILABLE	
Tank Status:	NOT AVAILABLE	
Discovery Date:	JUNE 20, 1986	
Media Affected:	GROUNDWATER	
Substance:	GASOLINE (UNSPECIFIED)	
Leak Cause:	STRUCTURAL FAILURE	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	PUMP TREAT (GW)	
Remedial Status 1:	REM ACTION TAKEN	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	



SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

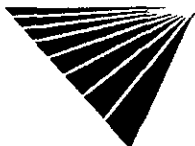
VISTA Address*:	MAC BEATH HARDWARE 930 ASHBY AVE BERKELEY, CA 94710	VISTA ID#:	5351628
		Distance/Direction:	0.21 MI / NE
		Plotted as:	Point
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	MAC BEATH HARDWARE 930 ASHBY AVE BERKELEY, CA LEAKING TANK		
List Name:			
Site ID:	INV-ID01-001052		

Map ID
12C

VISTA Address*:	MAC BEATH HARDWARE 930 ASHBY BERKELEY, CA 94710	VISTA ID#:	929735
		Distance/Direction:	0.21 MI / NE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A
Agency Address:	MAC BEATH HARDWARE 930 ASHBY BERKELEY, CA		
Tank Status:	NOT AVAILABLE		
Media Affected:	SOIL/SAND/LAND		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Map ID
12C

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-0931
Agency Address:	MAC BEATH HARDWARE 930 ASHBY AVE BERKELEY, CA 94704		
Tank Status:	NOT AVAILABLE		
Discovery Date:	OCTOBER 7, 1987		
Media Affected:	SOIL/SAND/LAND		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	STRUCTURAL FAILURE		
Leak Source:	UNDERGROUND TANK		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		



SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Map ID

13

VISTA Address*:	HENRY HORN SONS 1301 65TH EMERYVILLE, CA 94608	VISTA ID#:	1176849
		Distance/Direction:	0.18 MI / E
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	363
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Agency Address: SAME AS ABOVE
 Tank Status: NOT AVAILABLE
 Media Affected: GROUNDWATER
 Substance: GASOLINE (UNSPECIFIED)
 Leak Cause: UNAVAILABLE
 Remedial Action: EXCAVATE TREAT
 Remedial Status 1: PRELIMINARY ASSESSMENT
 Remedial Status 2: NOT AVAILABLE
 Fields Not Reported: Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0753
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Agency Address: HENRY HORN SONS
1301 65TH ST
EMERYVILLE, CA 94608
 Tank Status: NOT AVAILABLE
 Discovery Date: JULY 15, 1988
 Media Affected: GROUNDWATER
 Substance: GASOLINE (UNSPECIFIED)
 Leak Cause: STRUCTURAL FAILURE
 Leak Source: UNDERGROUND TANK
 Remedial Action: EXCAVATE TREAT
 Remedial Status 1: PRELIMINARY ASSESSMENT
 Remedial Status 2: NOT AVAILABLE
 Fields Not Reported: Quantity (Units)

Map ID

13

VISTA Address*:	HENRY HORN SONS 1301 65TH ST EMERYVILLE, CA 94608	VISTA ID#:	5350736
		Distance/Direction:	0.18 MI / E
		Plotted as:	Point

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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Agency Address: SAME AS ABOVE
 List Name: LEAKING TANK
 Site ID: INV-ID01-000878

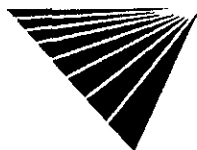
Map ID

14A

VISTA Address*:	RIX IND 6460 HOLLIS ST EMERYVILLE, CA 94608	VISTA ID#:	356048
		Distance/Direction:	0.21 MI / SE
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	376
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Agency Address: SAME AS ABOVE
 Tank Status: NOT AVAILABLE
 Media Affected: UNKNOWN
 Substance: METHYL ETHYL KETONE
 Leak Cause: UNAVAILABLE
 Remedial Action: NO ACTION TAKEN
 Remedial Status 1: LEAK BEING CONFIRMED
 Remedial Status 2: NOT AVAILABLE
 Fields Not Reported: Discovery Date, Quantity (Units), Leak Source



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Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-1916
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Agency Address:	RIX INDUSTRIES 6460 HOLLIS ST EMERYVILLE, CA 94608
Tank Status:	NOT AVAILABLE
Discovery Date:	JULY 24, 1992
Media Affected:	UNKNOWN
Substance:	METHYL ETHYL KETONE
Leak Cause:	UNKNOWN
Leak Source:	PIPE, LINE, HOSE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A
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Agency Address:	RIX INDUSTRIES-FRANK DEWOLF 6460 HOLLIS EMERYVILLE, CA 94608		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	1 (GALLONS)	Tank Material:	UNKNOWN

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A
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Agency Address:	RIX INDUSTRIES 6460 HOLLIS EMERYVILLE, CA 94564		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	AGENCY REPORTS THE UNDEFINED TERM "OTHER"	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN

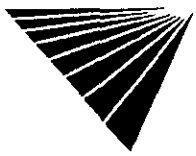
VISTA Address*:	J. T. THORPE SON, INC. 1351 OCEAN EMERYVILLE, CA 94608
------------------------	---

VISTA ID#:	1232643
Distance/Direction:	0.23 MI / SE
Plotted as:	Point

Map ID
14B

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	CLOSED REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	4000 (GALLONS)	Tank Material:	FIBERGLASS



SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Map ID

14B

VISTA Address*:	GETZ CONSTRUCTION COMPANY 1351 OCEAN AVE EMERYVILLE, CA 94608	VISTA ID#:	929859
		Distance/Direction:	0.23 MI / SE
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	3739
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Agency Address:	GETZ CONSTRUCTION COMPANY 1351 OCEAN AVE EMERYVILLE, CA NOT AVAILABLE
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	REPLACE SUPPLY
Remedial Status 1:	PRELIMINARY ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0697
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Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Discovery Date:	JUNE 6, 1988
Media Affected:	SOIL/SAND/LAND
Substance:	DIESEL
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	REPLACE SUPPLY
Remedial Status 1:	PRELIMINARY ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE
List Name:	LEAKING TANK
Site ID:	INV-ID01-000820

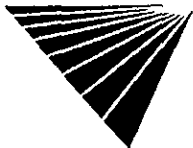
Map ID

15A

VISTA Address*:	WAREHAM PROPERTIES 700 HEINZ AVENUE BERKELEY, CA 94710	VISTA ID#:	4059145
		Distance/Direction:	0.23 MI / N
		Plotted as:	Point

SCL - State Equivalent CERCLIS List / SRC# 2292	Agency ID:	01200019
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Agency Address:	SAME AS ABOVE
Status:	NON-NPL SITE
Facility Type:	NOT AVAILABLE
Lead Agency:	REGIONAL WATER QUALITY CONTROL BOARD
State Status:	CERTIFIED/OPERATION AND MAINTENANCE
Pollutant 1:	UNSPECIFIED ALKALINE SOLUTIONS
Pollutant 2:	UNSPECIFIED ORGANIC LIQUID MIXTURE
Pollutant 3:	UNSPECIFIED OIL CONTAINING WASTE



* VISTA address includes enhanced city and ZIP.

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Map ID

15A

VISTA Address*:	DURKEE WAREHAM 700 HEINZ BERKELEY, CA 94710	VISTA ID#:	929765
		Distance/Direction:	0.23 MI / N
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
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Agency Address:	DURKEE WAREHAM 700 HEINZ BERKELEY, CA
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	OIL AND GREASE WASTE
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0522
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Agency Address:	DURKEE-WAREHAM 700 HEINZ BERKELEY, CA 94704
Tank Status:	NOT AVAILABLE
Discovery Date:	AUGUST 1, 1985
Media Affected:	GROUNDWATER
Substance:	OIL AND GREASE WASTE
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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Agency Address:	DURKEE-WAREHAM 700 HEINZ BERKELEY, CA
List Name:	LEAKING TANK
Site ID:	INV-ID01-000652

Map ID

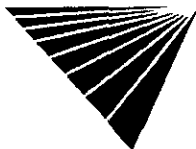
15B

VISTA Address*:	BERKELEY IND COURT 729 HEINZ AVE BERKELEY, CA 94710	VISTA ID#:	44999
		Distance/Direction:	0.25 MI / N
		Plotted as:	Point

CERCLIS / SRC# 2241	EPA ID:	CAD980637235
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Agency Address:	SAME AS ABOVE			
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE			
Site Ownership:	UNKNOWN			
Lead Agency:	NOT AVAILABLE			
Site Description:	NOT REPORTED			

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JUNE 1, 1981
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	OCTOBER 1, 1986



* VISTA address includes enhanced city and ZIP.

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Event Type: SCREENING SITE INSPECTION	Lead Agency: EPA FUND-FINANCED	Event Status: NO FURTHER REMEDIAL ACTION PLANNED	Start Date: OCTOBER 1, 1986	Completion Date: OCTOBER 1, 1986
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Regional CERCLIS / SRC# 2230	EPA ID:	CAD980637235
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Agency Address: SAME AS ABOVE

Regional Utility Description:

ACIDS
HEAVY METALS
SOLVENTS
NOTIS 103(C) SITE
DRUMS, ABOVE GROUND
FACILITY CLOSED

VISTA Address*:	BERKELEY INDUSTRIAL COURT 729 HEINZ AVENUE BERKELEY, CA 94710	VISTA ID#:	1585370
		Distance/Direction:	0.25 MI / N
		Plotted as:	Point

Map ID

15B

SCL - State Equivalent CERCLIS List / SRC# 2292	Agency ID:	01280069
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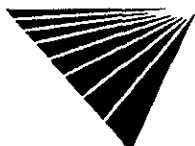
Agency Address: SAME AS ABOVE
Facility Type: NOT AVAILABLE
Lead Agency: NOT AVAILABLE
State Status: REFERRED TO ANOTHER AGENCY
Pollutant 1: POLYCHLORINATED BIPHENYLS
Pollutant 2: NICKEL
Pollutant 3: LEAD
Fields Not Reported: Status

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
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Agency Address: SAME AS ABOVE
Tank Status: NOT AVAILABLE
Media Affected: UNKNOWN
Substance: OTHER AUTO FUELS,OILS,FLUIDS
Leak Cause: UNAVAILABLE
Remedial Action: EXCAVATE TREAT
Remedial Status 1: PRELIMINARY ASSESSMENT
Remedial Status 2: NOT AVAILABLE
Fields Not Reported: Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-1935
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Agency Address: BERKELEY INDUSTRIAL COMPLEX
729 HEINZ ST
BERKELEY, CA 94710
Tank Status: NOT AVAILABLE
Discovery Date: JUNE 21, 1993
Media Affected: UNKNOWN
Substance: OTHER AUTO FUELS,OILS,FLUIDS
Leak Cause: STRUCTURAL FAILURE
Leak Source: PIPE, LINE, HOSE
Remedial Action: EXCAVATE TREAT
Remedial Status 1: PRELIMINARY ASSESSMENT
Remedial Status 2: NOT AVAILABLE
Fields Not Reported: Quantity (Units)



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VISTA Address*:	DABCO 1249 67TH ST OAKLAND, CA 94608	VISTA ID#:	5350747
		Distance/Direction:	0.23 MI / E
		Plotted as:	Point

Map ID
16

CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	DABCO 1249 67TH ST OAKLAND, CA LEAKING TANK		
List Name:	INV-ID01-000735		
Site ID:			

VISTA Address*:	FABCO DIVISION 1249 067TH EMERYVILLE, CA 94608	VISTA ID#:	4016128
		Distance/Direction:	0.23 MI / E
		Plotted as:	Point

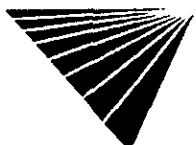
Map ID
16

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	FABCO DIVISION 1249 067TH OAKLAND, CA 94608		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	1000 (GALLONS)	Tank Material:	UNKNOWN

VISTA Address*:	FABCO 1249 67TH ST EMERYVILLE, CA 94608	VISTA ID#:	1582227
		Distance/Direction:	0.23 MI / E
		Plotted as:	Point

Map ID
16

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A
Agency Address:	FABCO 1249 67TH ST OAKLAND, CA NOT AVAILABLE		
Tank Status:	SOIL/SAND/LAND		
Media Affected:	OTHER AUTO FUELS,OILS,FLUIDS		
Substance:	UNAVAILABLE		
Leak Cause:	EXCAVATE DISPOSE		
Remedial Action:	LEAK BEING CONFIRMED		
Remedial Status 1:	NOT AVAILABLE		
Remedial Status 2:			
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-0608
Agency Address:	FABCO 1249 67TH ST OAKLAND, CA 94662		
Tank Status:	NOT AVAILABLE		
Discovery Date:	MARCH 14, 1988		
Media Affected:	SOIL/SAND/LAND		
Substance:	OTHER AUTO FUELS,OILS,FLUIDS		
Leak Cause:	STRUCTURAL FAILURE		
Leak Source:	UNDERGROUND TANK		
Remedial Action:	EXCAVATE DISPOSE		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		

VISTA Address*:	TRANSO/LACOSTE SITE 1600 64TH STREET 6401 BAY ST EMERYVILLE, CA 94068	VISTA ID#:	5350735
		Distance/Direction:	0.23 MI / S
		Plotted as:	Point
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
List Name:	CALSITE		
Site ID:	INV-ID01-004722		

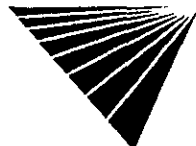
Map ID
17A

VISTA Address*:	TRANSO/LACOSTE SITE 1600 64TH STREET/6401 BAY STREET EMERYVILLE, CA 94608	VISTA ID#:	3080516
		Distance/Direction:	0.23 MI / S
		Plotted as:	Point
SCL - State Equivalent CERCLIS List / SRC# 2292		Agency ID:	01200020
Agency Address:	SAME AS ABOVE		
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	NO FURTHER ACTION FOR DTSC		
Pollutant 1:	HYDROCARBON SOLVENTS		
Pollutant 2:	WASTE OIL MIXED OIL		
Pollutant 3:	LEAD		
Fields Not Reported:	Status		

Map ID
17A

VISTA Address*:	TRANSO ENVELOPE CO. 1600 064TH EMERYVILLE, CA 94608	VISTA ID#:	4016114
		Distance/Direction:	0.23 MI / S
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1	Tank Status:	CLOSED REMOVED
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	300 (GALLONS)	Tank Material:	FIBERGLASS

Map ID
17A



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

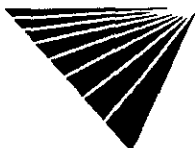
VISTA Address*:	LOWENBERG CORPORATION 1410 64TH ST EMERYVILLE, CA 94608	VISTA ID#:	5350734
		Distance/Direction:	0.24 MI / SE
		Plotted as:	Point
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-001047		

Map ID
18A

VISTA Address*:	LOWENBERG CORPORATION 1410 64TH ST EMERYVILLE, CA 94608	VISTA ID#:	1591685
		Distance/Direction:	0.24 MI / SE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		Agency ID:	3789
Agency Address:	LOWENBERG CORPORATION 1410 64TH ST EMERYVILLE, CA		
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Map ID
18A

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-0926
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT AVAILABLE		
Discovery Date:	FEBRUARY 23, 1990		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	STRUCTURAL FAILURE		
Leak Source:	UNDERGROUND TANK		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		



SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

Map ID

18

VISTA Address*:	HFH LIMITED 6400 HOLLIS ST EMERYVILLE, CA 94608	VISTA ID#:	929856
		Distance/Direction:	0.26 MI / SE
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
--	----------------	-----

Agency Address:	HFH LIMITED 6400 HOLLIS ST EMERYVILLE, CA NOT AVAILABLE
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0764
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Agency Address:	HFH, LIMITED 6400 HOLLIS ST EMERYVILLE, CA 94608 NOT AVAILABLE
Tank Status:	NOT AVAILABLE
Discovery Date:	MAY 6, 1986
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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Agency Address:	HFH, LIMITED 6400 HOLLIS ST EMERYVILLE, CA
List Name:	LEAKING TANK
Site ID:	INV-ID01-000888

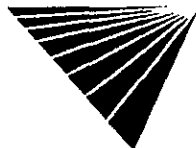
Map ID

18

VISTA Address*:	BLAZIC INDUSTRIAL SERVICES 1399 64TH ST EMERYVILLE, CA 94608	VISTA ID#:	5350733
		Distance/Direction:	0.26 MI / SE
		Plotted as:	Point

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
----------------------------	----------------	-----

Agency Address:	SAME AS ABOVE
List Name:	LEAKING TANK
Site ID:	INV-ID01-003426



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	OLIVER RUBBER CO 1200 65TH ST EMERYVILLE, CA 94608	VISTA ID#:	308877
		Distance/Direction:	0.27 MI / E
		Plotted as:	Point

Map ID
19

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	1330
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Agency Address:	OLIVER RUBBER CO. 1200 65TH ST. OAKLAND, CA 94662
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	REM ACTION PLAN
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-1091
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Agency Address:	OLIVER RUBBER CO 1200 65TH OAKLAND, CA 94608
Tank Status:	NOT AVAILABLE
Discovery Date:	MARCH 8, 1985
Media Affected:	SOIL/SAND/LAND
Substance:	DIESEL
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	REM ACTION PLAN
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

VISTA Address*:	PIE NATIONWIDE PROPERTY 5500 EASTSHORE HWY EMERYVILLE, CA 94608	VISTA ID#:	5354469
		Distance/Direction:	0.28 MI / SW
		Plotted as:	Point

Map ID
20

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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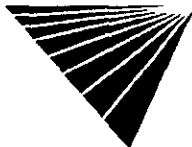
Agency Address:	SAME AS ABOVE
List Name:	LEAKING TANK
Site ID:	INV-ID01-001293

VISTA Address*:	GARRETT FREIGHT LINE 64TH LACOSTE EMERYVILLE, CA	VISTA ID#:	5355502
		Distance/Direction:	0.30 MI / SW
		Plotted as:	Point

Map ID
20

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
----------------------------	----------------	-----

Agency Address:	SAME AS ABOVE
List Name:	LEAKING TANK
Site ID:	INV-ID01-000805



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	GARRET FREIGHT LINE 64TH LACOSTE EMERYVILLE, CA	VISTA ID#:	929850
		Distance/Direction:	0.30 MI / SW
		Plotted as:	Point

Map ID
20

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
--	----------------	-----

Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	OTHER AUTO FUELS,OILS,FLUIDS
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0682
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Agency Address:	GARRETT FREIGHT LINE 64TH LACOSTE EMERYVILLE, CA 94608
Tank Status:	NOT AVAILABLE
Discovery Date:	MAY 5, 1986
Media Affected:	SOIL/SAND/LAND
Substance:	OTHER AUTO FUELS,OILS,FLUIDS
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

VISTA Address*:	CAPITOL REF CO FOOT OF 64TH ST EMERYVILLE, CA 94608	VISTA ID#:	69205
		Distance/Direction:	0.31 MI / SW
		Plotted as:	Point

Map ID
20

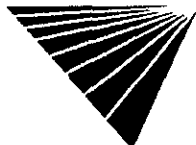
CERCLIS / SRC# 2241	EPA ID:	CAD980637177
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Agency Address:	SAME AS ABOVE
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE
Site Ownership:	UNKNOWN
Lead Agency:	NOT AVAILABLE
Site Description:	NOT REPORTED

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JUNE 1, 1981
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	NO FURTHER REMEDIAL ACTION PLANNED	NOT REPORTED	SEPTEMBER 1, 1982

Regional CERCLIS / SRC# 2230	EPA ID:	CAD980637177
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Agency Address:	SAME AS ABOVE
Regional Utility Description:	
ACIDS	
BASES	
HEAVY METALS	
ORGANICS	
CLOSED FACILITY	



SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Regional Utility Description:

HAS CURRENT DISPOSITION

NOTIS 103 (C) SITE

Map ID

21

VISTA Address*:	FOLGER MURPHY PRPOERTY 1020 MURRAY ST BERKELEY, CA 94710	VISTA ID#:	929773
		Distance/Direction:	0.28 MI / NE
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
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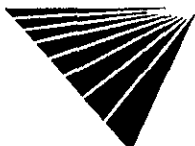
Agency Address:	FOLGER MURPHY PRPOERTY 1020 MURRAY ST BERKELEY, CA
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0648
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Agency Address:	FOLGER MURPHY PROPERTY 1020 MURRAY ST BERKELEY, CA 94704
Tank Status:	NOT AVAILABLE
Discovery Date:	OCTOBER 3, 1988
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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Agency Address:	FOLGER MURPHY PROPERTY 1020 MURRAY ST BERKELEY, CA
List Name:	LEAKING TANK
Site ID:	INV-ID01-000773



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	ASPHALT PRODUCTS OIL CORP. 1001 ASHBY AVE. BERKELEY, CA 94710	VISTA ID#:	29551
		Distance/Direction:	0.30 MI / NE
		Plotted as:	Point

Map ID

21

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
--	----------------	-----

Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0060
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Agency Address:	ASPHALT PRODUCT OIL CORP 1001 ASHBY AVE BERKELEY, CA 94710
Tank Status:	NOT AVAILABLE
Discovery Date:	MARCH 7, 1990
Media Affected:	GROUNDWATER
Substance:	DIESEL
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

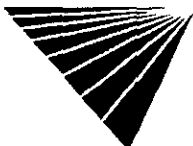
VISTA Address*:	ALLEN PERRY 1001 ASHBY AVE BERKELEY, CA 94710	VISTA ID#:	1592014
		Distance/Direction:	0.30 MI / NE
		Plotted as:	Point

Map ID

21

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE
List Name:	LEAKING TANK
Site ID:	INV-ID01-000179



*** VISTA address includes enhanced city and ZIP.**

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	PETERSON MFG CO INC 1600 63RD ST EMERYVILLE, CA 94608	VISTA ID#:	327086
		Distance/Direction:	0.29 MI / SE
		Plotted as:	Point

Map ID

23

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	147
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Agency Address:	PETERSON MFG CO INC 1600 63RD ST OAKLAND, CA 94608
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	ENHANCED BIODEGRADATION
Remedial Status 1:	CONTAMINATION ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-1159
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Agency Address:	PETERSON MANUFACTURING CO. 1600 63RD ST EMERYVILLE, CA 94608
Tank Status:	NOT AVAILABLE
Discovery Date:	FEBRUARY 1, 1988
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	ENHANCED BIODEGRADATION
Remedial Status 1:	CONTAMINATION ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

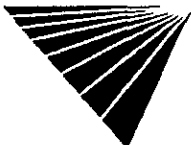
VISTA Address*:	EMERYBAY MARKET PLACE 6425 CHRISTIE ST EMERYVILLE, CA 94608	VISTA ID#:	5352902
		Distance/Direction:	0.29 MI / S
		Plotted as:	Point

Map ID

24

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	PRELIMINARY ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0559
Agency Address:	SAME AS ABOVE	
Tank Status:	NOT AVAILABLE	
Discovery Date:	AUGUST 26, 1988	
Media Affected:	GROUNDWATER	
Substance:	GASOLINE (UNSPECIFIED)	
Leak Cause:	STRUCTURAL FAILURE	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	NO ACTION TAKEN	
Remedial Status 1:	PRELIMINARY ASSESSMENT	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	

VISTA Address*:	EMERYVILLE MARKET PLACE 6425 CHRISTIE ST EMERYVILLE, CA 94608	VISTA ID#:	5352903
		Distance/Direction:	0.29 MI / S
		Plotted as:	Point
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-000689		

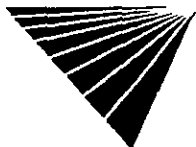
Map ID
24

VISTA Address*:	J.W.P. MECHANICAL 999 ANTHONY ST BERKELEY, CA 94710	VISTA ID#:	3765863
		Distance/Direction:	0.30 MI / NE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A

Map ID
25

Agency Address:	J.W.P. MECHANICAL 999 ANTHONY ST BERKELEY, CA		
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0812
Agency Address:	J.W.P. MECHANICAL 999 ANTHONY ST BERKELEY, CA 94704	
Tank Status:	NOT AVAILABLE	
Discovery Date:	MAY 11, 1992	
Media Affected:	GROUNDWATER	
Substance:	GASOLINE (UNSPECIFIED)	
Leak Cause:	STRUCTURAL FAILURE	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	NO ACTION TAKEN	
Remedial Status 1:	LEAK BEING CONFIRMED	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	



SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	J. W. P. MECHANICAL 999 ANTHONY ST BERKELEY, CA 94710	VISTA ID#:	5351406
		Distance/Direction:	0.30 MI / NE
		Plotted as:	Point
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	J. W. P. MECHANICAL 999 ANTHONY ST BERKELEY, CA		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-000930		

Map ID

25

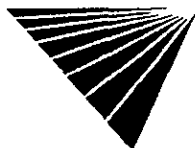
VISTA Address*:	CHRONICLE DEPOT 2817 7TH ST BERKELEY, CA 94710	VISTA ID#:	929724
		Distance/Direction:	0.38 MI / N
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A
Agency Address:	CHRONICLE DEPOT 2817 7TH ST BERKELEY, CA		
Tank Status:	NOT AVAILABLE		
Media Affected:	SOIL/SAND/LAND		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Map ID

26

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-0396
Agency Address:	CHRONICLE DEPOT 2817 7TH ST BERKELEY, CA 94704		
Tank Status:	NOT AVAILABLE		
Discovery Date:	APRIL 23, 1985		
Media Affected:	SOIL/SAND/LAND		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	STRUCTURAL FAILURE		
Leak Source:	UNDERGROUND TANK		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		

CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	CHRONICLE DEPOT 2817 7TH ST BERKELEY, CA		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-000526		



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	BAYOX 1171 OCEAN AVE EMERYVILLE, CA 94608	VISTA ID#:	930213
		Distance/Direction:	0.37 MI / E
		Plotted as:	Point

Map ID

27

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	307
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Agency Address:	BAYOX 1171 OCEAN AVE OAKLAND, CA
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	PRELIMINARY ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0165
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Agency Address:	BAYOX 1171 OCEAN AVE OAKLAND, CA 94608
Tank Status:	NOT AVAILABLE
Discovery Date:	FEBRUARY 1, 1988
Media Affected:	GROUNDWATER
Substance:	DIESEL
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	PRELIMINARY ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

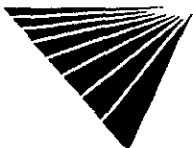
VISTA Address*:	US POSTAL SERVICE 6121 HOLLIS ST #8 EMERYVILLE, CA 94608	VISTA ID#:	4222653
		Distance/Direction:	0.38 MI / SE
		Plotted as:	Point

Map ID

28

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	4428
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Agency Address:	US POSTAL SERVICE 6121 HOLLIS ST #8 EMERYVILLE, CA
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-1737
Agency Address:	US POST OFFICE 6121 HOLLIS ST #8 EMERYVILLE, CA 94608		
Tank Status:	NOT AVAILABLE		
Discovery Date:	APRIL 22, 1993		
Media Affected:	SOIL/SAND/LAND		
Substance:	DIESEL		
Leak Cause:	UNKNOWN		
Leak Source:	REPORTED AS "UNKNOWN" BY AGENCY		
Remedial Action:	NO ACTION TAKEN		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		

VISTA Address*:	ITT GRINNELL PROPERTY 6121 HOLLIS STREET EMERYVILLE, CA 94608	VISTA ID#:	1154988
		Distance/Direction:	0.38 MI / SE
		Plotted as:	Point

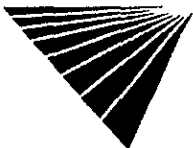
Map ID
28

SCL - State Equivalent CERCLIS List / SRC# 2292		Agency ID:	01500101
Agency Address:	SAME AS ABOVE		
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	PRELIMINARY ASSESSMENT REQ-MED		
Pollutant 1:	CONTAMINATED SOIL		
Pollutant 2:	POLYCHLORINATED BIPHENYLS MATERIAL WITH PCBs		
Pollutant 3:	UNKNOWN		
Fields Not Reported:	Status		

VISTA Address*:	HOLLIS STREET PROJECT 6050 HOLLIS ST. EMERYVILLE, CA 94608	VISTA ID#:	929857
		Distance/Direction:	0.41 MI / SE
		Plotted as:	Point

Map ID
28

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		Agency ID:	3792
Agency Address:	HOLLIS STREET PROJECT 6050 HOLLIS ST. EMERYVILLE, CA		
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	EXCAVATE TREAT		
Remedial Status 1:	PRELIMINARY ASSESSMENT		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

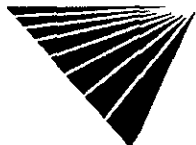
Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-0773
Agency Address:	HOLLIS STREET PROJECT 6050 HOLLIS ST EMERYVILLE, CA 94608		
Tank Status:	NOT AVAILABLE		
Discovery Date:	JULY 15, 1987		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	STRUCTURAL FAILURE		
Leak Source:	UNDERGROUND TANK		
Remedial Action:	EXCAVATE TREAT		
Remedial Status 1:	PRELIMINARY ASSESSMENT		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		

VISTA Address*:	DUTRO COMPANY 1333 62ND EMERYVILLE, CA 94608	VISTA ID#:	5350732
		Distance/Direction:	0.39 MI / SE
		Plotted as:	Point
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	DUTRO COMPANY 1333 62ND EMERYVILLE, CA		
List Name:	LEAKING TANK		
Site ID:	INV-ID01-000653		

Map ID
29

VISTA Address*:	DUTRO COMPANY 1333 62ND STREET EMERYVILLE, CA 94608	VISTA ID#:	130452
		Distance/Direction:	0.39 MI / SE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 2296		EPA/Agency ID:	N/A
Agency Address:	DUTRO COMPANY 1333 62ND STREET EMERYVILLE, CA 94662		
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	EXCAVATE TREAT		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Map ID
29



SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295		Agency ID:	01-0523
Agency Address:	DUTRO COMPANY 1333 62ND ST EMERYVILLE, CA 94608		
Tank Status:	NOT AVAILABLE		
Discovery Date:	MAY 30, 1990		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	STRUCTURAL FAILURE		
Leak Source:	UNDERGROUND TANK		
Remedial Action:	EXCAVATE TREAT		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units)		

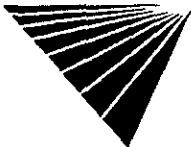
VISTA Address*:	MYERS DRUM - OAKLAND 6549 SAN PABLO AVENUE EMERYVILLE, CA 94608	VISTA ID#:	288615
		Distance/Direction:	0.40 MI / E
		Plotted as:	Point

Map ID
30

SPL - State Equivalent Priority List / SRC# 2293		Agency ID:	01340111
Agency Address:	MYERS DRUM - OAKLAND 6549 SAN PABLO AVENUE OAKLAND, CA 94608		
Status:	NON-NPL SITE		
Facility Type:	NOT AVAILABLE		
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL		
State Status:	ANNUAL WORK PLAN		
Pollutant 1:	ARSENIC		
Pollutant 2:	SOLIDS OR SLUDGES W/HALOGENATED ORGANIC COMPOUNDS		
Pollutant 3:	HALOGENATED ORGANIC COMPOUNDS		

CERCLIS / SRC# 2241		EPA ID:	CAD009123217
Agency Address:	MYERS DRUM #1 6549 SAN PABLO AVE. OAKLAND, CA 94608		
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE		
Site Ownership:	PRIVATE/NON-GOVERNMENTAL		
Lead Agency:	NO DETERMINATION		
Site Description:	NOT REPORTED		
Event Type:	Lead Agency:	Event Status:	Start Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED
Completion Date:	OCTOBER 18, 1993		
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	NO FURTHER REMEDIAL ACTION PLANNED	NOT REPORTED
			SEPTEMBER 15, 1994

CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	MYERS DRUM - OAKLAND 6549 SAN PABLO AVE OAKLAND, CA 94608		
List Name:	CALSITE		
Site ID:	INV-ID01-002689		



SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	PQ CORP THE 801 GRAYSON ST BERKELEY, CA 94710	VISTA ID#:	337053
		Distance/Direction:	0.40 MI / N
		Plotted as:	Point

Map ID
31

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
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Agency Address:	<i>PQ CORP. 801 GRAYSON ST BERKELEY, CA 94710</i>
Tank Status:	<i>NOT AVAILABLE</i>
Media Affected:	<i>SOIL/SAND/LAND</i>
Substance:	<i>DIESEL</i>
Leak Cause:	<i>UNAVAILABLE</i>
Remedial Action:	<i>NO ACTION TAKEN</i>
Remedial Status 1:	<i>LEAK BEING CONFIRMED</i>
Remedial Status 2:	<i>NOT AVAILABLE</i>
Fields Not Reported:	<i>Discovery Date, Quantity (Units), Leak Source</i>

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-1203
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Agency Address:	<i>PQ CORPORATION 801 GRAYSON ST BERKELEY, CA 94710</i>
Tank Status:	<i>NOT AVAILABLE</i>
Discovery Date:	<i>NOVEMBER 6, 1986</i>
Media Affected:	<i>SOIL/SAND/LAND</i>
Substance:	<i>DIESEL</i>
Leak Cause:	<i>STRUCTURAL FAILURE</i>
Leak Source:	<i>UNDERGROUND TANK</i>
Remedial Action:	<i>NO ACTION TAKEN</i>
Remedial Status 1:	<i>LEAK BEING CONFIRMED</i>
Remedial Status 2:	<i>NOT AVAILABLE</i>
Fields Not Reported:	<i>Quantity (Units)</i>

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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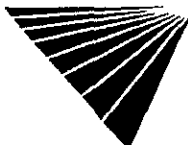
Agency Address:	<i>PQ CORPORATION 801 GRAYSON ST BERKELEY, CA 94710</i>
List Name:	<i>LEAKING TANK</i>
Site ID:	<i>INV-ID01-001320</i>

VISTA Address*:	SHELLMOUND STREET 4300 EASTSHORE HIGHWAY EMERYVILLE, CA 94608	VISTA ID#:	5286401
		Distance/Direction:	0.42 MI / SW
		Plotted as:	Point

Map ID
32

SCL - State Equivalent CERCLIS List / SRC# 2292	Agency ID:	01330040
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Agency Address:	<i>SAME AS ABOVE</i>
Status:	<i>NON-NPL SITE</i>
Facility Type:	<i>NOT AVAILABLE</i>
Lead Agency:	<i>DEPT OF TOXIC SUBSTANCES CONTROL</i>
State Status:	<i>VOLUNTARY CLEANUP</i>
Pollutant 1:	<i>UNKNOWN</i>
Pollutant 2:	<i>UNKNOWN</i>
Pollutant 3:	<i>UNKNOWN</i>



SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	CHIRON 4300 EASTSHORE HWY EMERYVILLE, CA 94608	VISTA ID#:	1593349
		Distance/Direction:	0.42 MI / SW
		Plotted as:	Point

Map ID
32

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	1696
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Agency Address:	CHIRON 4300 EASTSHORE HWY EMERYVILLE, CA
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0394
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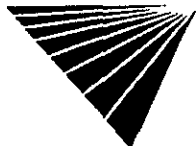
Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Discovery Date:	OCTOBER 4, 1990
Media Affected:	GROUNDWATER
Substance:	DIESEL
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

VISTA Address*:	KING-KNIGHT COMPANY 6202 CHRISTIE AVENUE EMERYVILLE, CA 94608	VISTA ID#:	1238838
		Distance/Direction:	0.42 MI / S
		Plotted as:	Point

Map ID
33

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	3805
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Agency Address:	KING-KNIGHT COMPANY 6202 CHRISTIE AVENUE EMERYVILLE, CA 94662
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source



SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0617
Agency Address:	KING KNIGHT CO 6202 CHRISTIE AVE EMERYVILLE, CA 94608	
Tank Status:	NOT AVAILABLE	
Discovery Date:	JUNE 6, 1990	
Media Affected:	GROUNDWATER	
Substance:	DIESEL	
Leak Cause:	STRUCTURAL FAILURE	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	NO ACTION TAKEN	
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	

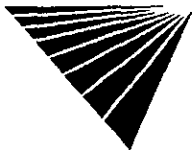
VISTA Address*:	CHEVRON USA INC., STATION #901 2995 SAN PABLO BERKELEY, CA 94702	VISTA ID#:	1143906
		Distance/Direction:	0.43 MI / NE
		Plotted as:	Point

Map ID
34

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE	
Tank Status:	NOT AVAILABLE	
Media Affected:	GROUNDWATER	
Substance:	WASTE OIL	
Leak Cause:	UNAVAILABLE	
Remedial Action:	EXCAVATE DISPOSE	
Remedial Status 1:	PRELIMINARY ASSESSMENT	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source	

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0353
Agency Address:	CHEVRON 2995 SAN PABLO AVE BERKELEY, CA 94704	
Tank Status:	NOT AVAILABLE	
Discovery Date:	OCTOBER 18, 1988	
Media Affected:	GROUNDWATER	
Substance:	WASTE OIL	
Leak Cause:	STRUCTURAL FAILURE	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	EXCAVATE DISPOSE	
Remedial Status 1:	PRELIMINARY ASSESSMENT	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
Agency Address:	CHEVRON 2995 SABLO AVE BERKELEY, CA	
List Name:	LEAKING TANK	
Site ID:	INV-ID01-000483	



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

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VISTA Address*:	BERKELEY BUSINESS CENTER 2900 SAN PABLO AVE BERKELEY, CA 94702	VISTA ID#:	929792
		Distance/Direction:	0.45 MI / NE
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
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Agency Address:	BERKELEY BUSINESS CENTER 2900 SAN PABLO AVE BERKELEY, CA NOT AVAILABLE
Tank Status:	NOT AVAILABLE
Media Affected:	DRINKING WATER SUPPLY
Substance:	WASTE OIL
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	CONTAMINATION ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0187
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Agency Address:	BERKELEY BUSINESS CENTER 2900-2942 SAN PABLO AVE BERKELEY, CA 94710 NOT AVAILABLE
Tank Status:	NOT AVAILABLE
Discovery Date:	APRIL 4, 1988
Media Affected:	DRINKING WATER SUPPLY
Substance:	WASTE OIL
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	CONTAMINATION ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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Agency Address:	BERKELEY BUSINESS CENTER 2900 PABLO AVE BERKELEY, CA 94710
List Name:	LEAKING TANK
Site ID:	INV-ID01-000308

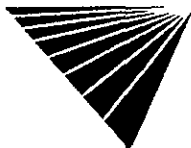
Map ID

35

VISTA Address*:	PCC 6400 SAN PABLO AVE OAKLAND, CA 94608	VISTA ID#:	5358087
		Distance/Direction:	0.46 MI / E
		Plotted as:	Point

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE
List Name:	LEAKING TANK
Site ID:	INV-ID01-001259



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	PCC 6400 SAN PABLO EMERYVILLE, CA 94608	VISTA ID#:	1176340
		Distance/Direction:	0.46 MI / E
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
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Agency Address:	PCC 6400 SAN PABLO OAKLAND, CA 94608
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-1142
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Agency Address:	PCC 6400 SAN PABLO AVE OAKLAND, CA 94608
Tank Status:	NOT AVAILABLE
Discovery Date:	JANUARY 20, 1989
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

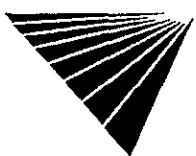
VISTA Address*:	BOLIN'S SERVICE GARAGE 6335 SAN PABLO AVE EMERYVILLE, CA 94608	VISTA ID#:	930231
		Distance/Direction:	0.48 MI / E
		Plotted as:	Point

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	1685
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Agency Address:	BOLIN'S SERVICE GARAGE 6335 SAN PABLO AVE OAKLAND, CA
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Map ID
35

Map ID
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* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

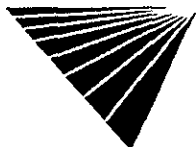
Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0212
Agency Address:	BOLIN'S SERVICE GARAGE 6335 SAN PABLO AVE OAKLAND, CA 94608	
Tank Status:	NOT AVAILABLE	
Discovery Date:	MAY 6, 1988	
Media Affected:	SOIL/SAND/LAND	
Substance:	GASOLINE (UNSPECIFIED)	
Leak Cause:	STRUCTURAL FAILURE	
Leak Source:	UNDERGROUND TANK	
Remedial Action:	NO ACTION TAKEN	
Remedial Status 1:	LEAK BEING CONFIRMED	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	

VISTA Address*:	CARS RENT A CAR 6301 SAN PABLO AVE EMERYVILLE, CA 94608	VISTA ID#:	5358086
		Distance/Direction:	0.50 MI / E
		Plotted as:	Point

Map ID
35

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	1683
Agency Address:	CARS RENT A CAR 6301 SAN PABLO AVE OAKLAND, CA 94608	
Tank Status:	NOT AVAILABLE	
Media Affected:	SOIL/SAND/LAND	
Substance:	GASOLINE (UNSPECIFIED)	
Leak Cause:	UNAVAILABLE	
Remedial Action:	NOT AVAILABLE	
Remedial Status 1:	NO ACTION TAKEN BY RESPONSIBLE PARTY	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source	

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-2008
Agency Address:	CARS RENT A CAR 6301 SAN PABLO AVE OAKLAND, CA 94608	
Tank Status:	NOT AVAILABLE	
Discovery Date:	AUGUST 5, 1994	
Media Affected:	SOIL/SAND/LAND	
Substance:	GASOLINE (UNSPECIFIED)	
Leak Cause:	UNKNOWN	
Leak Source:	REPORTED AS "UNKNOWN" BY AGENCY	
Remedial Action:	NOT AVAILABLE	
Remedial Status 1:	NO ACTION TAKEN BY RESPONSIBLE PARTY	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units)	



SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	C M MEAT CO 2843 SAN PABLO AVE BERKELEY, CA 94702	VISTA ID#:	5358078
		Distance/Direction:	0.49 MI / NE
		Plotted as:	Point

Map ID

36

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	01NCY0249
--	------------	-----------

Agency Address: SAME AS ABOVE
 Tank Status: NOT AVAILABLE
 Media Affected: UNKNOWN
 Substance: GASOLINE (UNSPECIFIED)
 Leak Cause: UNAVAILABLE
 Remedial Action: NO ACTION TAKEN
 Remedial Status 1: NO ACTION TAKEN BY RESPONSIBLE PARTY
 Remedial Status 2: NOT AVAILABLE
 Fields Not Reported: Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01NCY0249
--	------------	-----------

Agency Address: SAME AS ABOVE
 Tank Status: NOT AVAILABLE
 Discovery Date: DECEMBER 6, 1993
 Media Affected: UNKNOWN
 Substance: GASOLINE (UNSPECIFIED)
 Leak Cause: UNKNOWN
 Leak Source: REPORTED AS "UNKNOWN" BY AGENCY
 Remedial Action: NO ACTION TAKEN
 Remedial Status 1: NO ACTION TAKEN BY RESPONSIBLE PARTY
 Remedial Status 2: NOT AVAILABLE
 Fields Not Reported: Quantity (Units)

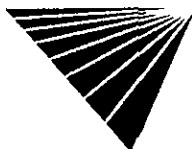
VISTA Address*:	MEYER SOUND 2832 SAN PABLO BERKELEY, CA 94702	VISTA ID#:	1177025
		Distance/Direction:	0.50 MI / NE
		Plotted as:	Point

Map ID

36

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	Agency ID:	01NBC0028
--	------------	-----------

Agency Address: SAME AS ABOVE
 Tank Status: NOT AVAILABLE
 Media Affected: SOIL/SAND/LAND
 Substance: OTHER AUTO FUELS,OILS,FLUIDS
 Leak Cause: UNAVAILABLE
 Remedial Action: NO ACTION TAKEN
 Remedial Status 1: LEAK BEING CONFIRMED
 Remedial Status 2: NOT AVAILABLE
 Fields Not Reported: Discovery Date, Quantity (Units), Leak Source



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01NBC0028
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Agency Address:	MEYER SOUND 2832 SAN PABLO AVE BERKELEY, CA 94704
Tank Status:	NOT AVAILABLE
Discovery Date:	DECEMBER 18, 1987
Media Affected:	SOIL/SAND/LAND
Substance:	OTHER AUTO FUELS,OILS,FLUIDS
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)

CORTESE / SRC# 2298	EPA/Agency ID:	N/A
----------------------------	-----------------------	-----

Agency Address:	MEYER SOUND, 2832 PABLO AVE BERKELEY, CA
List Name:	LEAKING TANK
Site ID:	INV-ID01-005126

VISTA Address*:	EMERALD PACKAGING IN 2821 10TH STREET BERKELEY, CA 94710	VISTA ID#:	138919
		Distance/Direction:	0.50 MI / NE
		Plotted as:	Point

Map ID

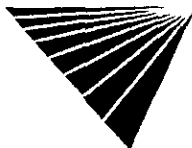
37

STATE LUST - State Leaking Underground Storage Tank / SRC# 2296	EPA/Agency ID:	N/A
--	-----------------------	-----

Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2295	Agency ID:	01-0557
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Agency Address:	EMERALD PACKAGING 2821 10TH ST BERKELEY, CA 94710
Tank Status:	NOT AVAILABLE
Discovery Date:	APRIL 18, 1990
Media Affected:	GROUNDWATER
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	STRUCTURAL FAILURE
Leak Source:	UNDERGROUND TANK
Remedial Action:	NO ACTION TAKEN
Remedial Status 1:	LEAK BEING CONFIRMED
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units)



* VISTA address includes enhanced city and ZIP.

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

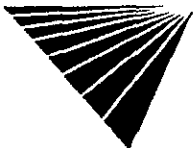
CORTESE / SRC# 2298	EPA/Agency ID:	N/A
Agency Address:	EMERALD PACKAGING 2821 10TH ST BERKELEY, CA 94710	
List Name:	LEAKING TANK	
Site ID:	INV-ID01-000686	

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

VISTA Address*:	PFIZER INC 4650 SHELLMOUND ST EMERYVILLE, CA 94608	VISTA ID#:	327674
		Distance/Direction:	0.83 MI / S
		Plotted as:	Point
CORRACTS / SRC# 2271		EPA ID:	CAD009206178
Agency Address:	SAME AS ABOVE		
Prioritization Status:	LOW		
RCRA Facility Assessment Completed:	NO		
Notice of Contamination:	NO		
Determination of need For a RFI (RCRA Facility Investigation):	NO		
RFI Imposed:	NO		
RFI Workplan Notice of Deficiency Issued:	NO		
RFI Workplan Approved:	NO		
RFI Report Received:	NO		
RFI Approved:	NO		
No Further Corrective Action at this Time:	NO		
Stabilization Mesasures Evaluation:	NO		
CMS (Corrective Measure Study) Imposition:	NO		
CMS Workplan Approved:	NO		
CMS Report Received:	NO		
CMS Approved:	NO		
Date for Remedy Selection (CM Imposed):	NO		
Corrective Measures Design Approved:	NO		
Corrective Measures Investigation Workplan Approved:	NO		
Certification of Remedy Completion:	NO		
Stabilization Measures Implementation:	NO		
Stabilization Measures Completed:	NO		
Corrective Action Process Termination:	NO		
RCRA-TSD / SRC# 2271		EPA ID:	CAD009206178
Agency Address:	SAME AS ABOVE		
Off-Site Waste Received:	NO		
Land Disposal:	NO		
Incinerator:	NO		
Storage/Treatment:	NO		

Map ID

38



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

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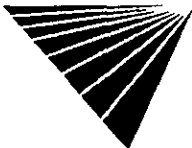
Page #62

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Map ID

39

VISTA Address*:	VERIFLOW METAL FINISHING DIV 800 BANCROFT WY BERKELEY, CA 94710	VISTA ID#:	3976829
		Distance/Direction:	0.96 MI / N
		Plotted as:	Point
RCRA-TSD / SRC# 2271		EPA ID:	CAD070148457
Agency Address:	SAME AS ABOVE		
Off-Site Waste Received:	NO		
Land Disposal:	NO		
Incinerator:	NO		
Storage/Treatment:	NO		



*** VISTA address includes enhanced city and ZIP.**

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UNMAPPED SITES

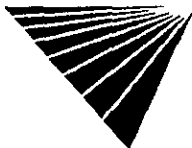
VISTA Address*:	WDR-CARNATION TERML DRDG DISPL SEVENTH ST TERMINAL COMPLEX OAKLAND, CA	VISTA ID#:	4823893
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WMUDS / SRC# 1734		Agency ID:	2 019278001
Agency Address:	SAME AS ABOVE		
Solid Waste Inventory System ID:	NOT REPORTED		
Facility Type:	OTHER - All facilities that treat and/or dispose of wastes that do not fall into one of the preceding categories		
Facility In State Board Waste Discharger System:	YES		
Chapter 15 Facility:	YES		
Solid Waste Assessment Test Facility:	NO		
Toxic Pits Cleanup Act Facility:	NO		
RCRA Facility:	NO		
Department of Defense Facility:	NO		
Open To Public:	NO		
Number Of Waste Management Units:	1		
Rank:	NOT REPORTED		
Enforcements At Facility:	NO		
Violations At Facility:	NO		

VISTA Address*:	EMERYVILLE MARKETPLACE BETW 64TH, POWELL,180, SPRR TR EMERYVILLE, CA 94608	VISTA ID#:	1591690
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CERCLIS / SRC# 2241		EPA ID:	CAD980694418
Agency Address:	SAME AS ABOVE		
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE		
Site Ownership:	UNKNOWN		
Lead Agency:	NOT AVAILABLE		
Site Description:	NOT REPORTED		

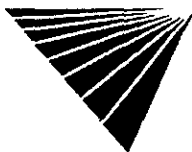
Regional CERCLIS / SRC# 2230		EPA ID:	CAD980694418
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
HEAVY METALS			
OILY WASTES			
PCB'S			
OTHER: ASPHALTIC SLUDGES, TAR, PAINT PIGMENTS			
OTHER: VARIOUS INDUSTRIAL WASTES, BUILDING MATERIAL			
TANKS			
STS SITE			
REVIEW RESULTS OF WESTINGHOUSE SAMPLING EFFORT (S. JOHNSON			
ASBESTOS			
SOIL CONTAMINATION			



UNMAPPED SITES CONT.

VISTA Address*:	WDR-BERKELEY LANDFILL CO BERKELEY WATERFRONT BERKELEY, CA	VISTA ID#:	4827029

WMUDS / SRC# 1734		Agency ID:	2 019065001
Agency Address:	SAME AS ABOVE		
Solid Waste Inventory System ID:	NOT REPORTED		
Facility Type:	SOLID WASTE SITES-CLASS III - Landfills for nonhazardous solid wastes.		
Facility In State Board Waste Discharger System:	YES		
Chapter 15 Facility:	YES		
Solid Waste Assessment Test Facility:	YES		
Toxic Pits Cleanup Act Facility:	NO		
RCRA Facility:	NO		
Department of Defense Facility:	NO		
Open To Public:	NO		
Number Of Waste Management Units:	1		
Rank:	6		
Enforcements At Facility:	NO		
Violations At Facility:	NO		



* VISTA address includes enhanced city and ZIP.

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SITE ASSESSMENT PLUS REPORT

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL
SRC#: 2324 VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for NPL was April, 1995.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

SPL
SRC#: 2293 VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Calsites Database: Annual Workplan Sites was April, 1995.

This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control. Annual Work Plan (AWP) sites and sites where Preliminary Endangerment Assessments are a high priority are included.

CORRACTS
SRC#: 2271 VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRA Corrective Action Sites List was March, 1995.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

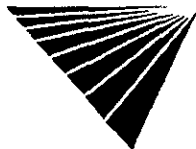
RCRA-TSD
SRC#: 2271 VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRIS was March, 1995.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS
SRC#: 2240 VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS was March, 1995.

The CERCLIS List 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. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activities or events at the site, financial funding information for the events, and unrestricted enforcement activities.



CERCLIS
SRC#: 2241

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS was March, 1995.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

Cal Cerclis
SRC#: 2230

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Ca Cerclis w/Regional Utility Description was January, 1995.

This database is provided by the U.S. Environmental Protection Agency, Region 9. These are regional utility descriptions for California CERCLIS sites.

SCL
SRC#: 2292

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Calsites Database: All Sites except Annual Workplan Sites (incl. ASPIS) was April, 1995.

This database is provided by the Department of Toxic Substances Control. These are lower priority than the SPL sites.

SWLF
SRC#: 2232

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Ca Solid Waste Information System (SWIS) was March, 1995.

This database is provided by the Integrated Waste Management Board.

WMUDS
SRC#: 1734

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Waste Management Unit Database System (WMUDS) was March, 1994.

This database is provided by the State Water Resources Control Board. This is used for program tracking and inventory of waste management units. This system contains information from the following eight main databases: Facility, Waste Management Unit, SWAT Program Information, SWAT Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA Program Information, RCRA Program Information, and Closure Information.

LUST
SRC#: 2296

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Lust Information System (LUSTIS) was February, 1995.

This database is provided by the California Environmental Protection Agency.

LUST RG5
SRC#: 2287

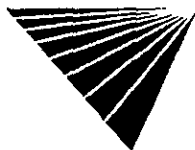
VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region #5-Central Valley Underground Tank Tracking System was April, 1995.

This database is provided by the Regional Water Quality Control Board, Region #5.

LUST RG2
SRC#: 2295

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region #2-San Francisco Bay Fuel Leaks List was January, 1995.

This database is provided by the Regional Water Quality Control Board, Region #2.



**CORTESE
SRC#: 2298**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Cortese List-Hazardous Waste Substance Site List was February, 1995.

This database is provided by the Office of Environmental Protection, Office of Hazardous Materials.

**Deed
Restrictions
SRC#: 1703**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Deed Restriction Properties Report was April, 1994.

This database is provided by the Department of Health Services-Land Use and Air Assessment. These are voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals, or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste".

**Toxic Pits
SRC#: 2229**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Summary of Toxic Pits Cleanup Facilities was February, 1995.

This database is provided by the Water Quality Control Board, Division of Loans Grants.

**North Bay
SRC#: 1718**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for North Bay County Toxic List-Region #2 Surface Spills was April, 1994.

This database is provided by the Regional Water Quality Control Board, Region #2.

**South Bay
SRC#: 1719**

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for South Bay Site Management System was April, 1994.

This database is provided by the San Francisco Bay Region.

C) DATABASES SEARCHED TO 1/4 MILE

**RCRA-Viols
SRC#: 2271**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for RCRIS was March, 1995.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste.

**UST's
SRC#: 1612**

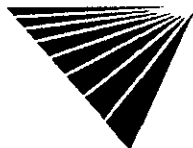
VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Underground Storage Tank Registrations Database was January, 1994.

This database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks.

**AST's
SRC#: 2297**

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Aboveground Storage Tank Database was February, 1995.

This database is provided by the State Water Resources Control Board.



TRIS VISTA conducts a database search to identify all sites within 1/4 mile of your property.
SRC#: 1954 The agency release date for TRIS was August, 1994.

Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as SARA Title III) of 1986 requires the EPA to establish an inventory of Toxic Chemicals emissions from certain facilities(Toxic Release Inventory System). Facilities subject to this reporting are required to complete a Toxic Chemical Release Form(Form R) for specified chemicals.

D) DATABASES SEARCHED TO 1/8 MILE

ERNS VISTA conducts a database search to identify all sites within 1/8 mile of your property.
SRC#: 2255 The agency release date for ERNS was March, 1995.

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation. A search of the database records for the period October 1986 through September 1994 revealed the following information regarding reported spills of oil or hazardous substances in the stated area.

RCRA-LgGen VISTA conducts a database search to identify all sites within 1/8 mile of your property.
SRC#: 2271 The agency release date for RCRIS was March, 1995.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRA-SmGen VISTA conducts a database search to identify all sites within 1/8 mile of your property.
SRC#: 2271 The agency release date for RCRIS was March, 1995.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

End of Report



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

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Appendix D - Soil Boring Logs - October 1995

BORING LOG Environmental Strategies Corporation 101 Metro Drive, Suite 650 San Jose, CA 95110	PROJECT Clearpoint 14821 6th St Emeryville CA 94608		Boring No. <u>MW-1</u>	Approved by: _____
	Drilling Co. <u>WEST HAZMAT</u> Driller <u>LEE FOX</u> ESC Geologist <u>JEFF BEXSON</u>		Boring Location <u>west side TANK 1</u> Ground Elevation _____ TOC Elevation _____	Sheet <u>1</u> of _____ Date Drilled <u>10/10/95</u>
Outer Casing Type _____ Diameter <u>N/A</u> Length _____		Well Casing/Screen/Filter Pack Type/Diameter <u>Sched 40/2</u> Screen Length <u>15'</u> Screen Slot Size <u>0.01</u> Filter Pack <u>2/12</u> Total Depth <u>23'</u>		Sampler Method <u>SS</u> Length (ft) <u>18"</u> Hammer (lbs)/Fall (ins) <u>140^{lb} 26"</u>

Blows/Ft.	Sample Depth	Water Level Time & Date	Sample Time	PID (ppm)	Core Sample Number	Depth (ft)	Description	Graphic Log	Well Construction
N/A				N/A		1	10" reinforced concrete. Begin drilling @ 0.735		
19				0		3	olive gray 5/8 3/2 silty clay dense	ML	
22						4			
34						5			
29				0		6	Grayish olive 10/4 1/2 to 1/4 dense		
36				0		7	brown 5/4 5/6		
55				8.9 6.5		7	Mottled coarse sandy clay (dry)	GL	
14				8.7		8			
22			0815	12.3		9	Moderate yellow brn 10/4 5/4 w/ some		
32				8.3		9	10/4 4/2 Dense fat clay (dry) w/ silt	CL	
				9.6		10			
12				12.2		11			
15				49.8		11	→ collected @ Sample 201 (DAP of 11.5)		
19			0825	41.8 10.2		12	Some silty coarse sandy clay		
N/A				N/A		13	→ GWS Coarse & very coarse silty sand w/ gravel. Drill w/ plug & tap water to install well	SP	
						14	No SAMPLING		
						15			
						16			
						17			

BORING LOG
Environmental Strategies Corporation
101 Metro Drive, Suite 650
San Jose, CA 95110

PROJECT
Chapman
1482 ~~67~~TH ST
Emeryville CA 94608

Boring No. MW-1
Sheet 2 of 2
Date Drilled 10/11/95

Approved by:

Blows/Ft.	Sample Depth	Water Level Time & Date	Sample Time	PID (ppm)	Core Sample Number	Depth (ft)	Description	Graphic Log	Well Construction
						18			
						19			
						20			
						21			
						22			
						23	<u>END of Boring</u>		
						24			
						25			
						26			
						27			
						28			
						29			
						30			
						31			
						32			
						33			
						34			
						35			
						36			
						37			
						38			

BORING LOG
 Environmental Strategies Corporation
 101 Metro Drive, Suite 650
 San Jose, CA 95110

PROJECT
Clampnet
1482 ~~1478~~ st
Emeryville CA 94608

Boring No. MW-2
 Sheet 1 of 2
 Date Drilled 10/10/95

Approved by: _____

Drilling Co. West Hazmat
 Driller Lee Fox
 ESC Geologist J. Brown

Boring Location NE of TANK 4
 Ground Elevation _____
 TOC Elevation _____

Boring
 Method Hollow Stem Auger
 Hole Diameter 8"
 Inside Diameter 3.75"
 Total Depth 27.5

Outer Casing
 Type _____
 Diameter N/A
 Length _____

Well Casing/Screen/Filter Pack
 Type/Diameter Sched 40 / 2"
 Screen Length 15'
 Screen Slot Size 0.01 Filter Pack 2/12
 Total Depth 27.5

Sampler
 Method SS split spoon
 Length (ft) 18"
 Hammer (lbs)/Fall (ins) 140 lb 26"

Blows/Ft.	Sample Depth	Water Level Time & Date	Sample Time	PID (ppm)	Core Sample Number	Depth (ft)	Description	Graphic Log	Well Construction
N/A				N/A		1	Asphalt base		
						2			
12				0		3	Greenish black clay 5G 2/1		
17						4			
27						5			
18				4.9		6	Clays w/ med coarse sand	GC	
19				10.9		6	Dark greenish gray 5G 4/1		
38				16.2		7			
				12.1		7			
13		09	0915	18.7		8	MOD YELLOW BORN 10YR 5/4	SM	
21				34.9		8	Fine silty sand (dry)		
26				19.1		9			
				12.0		10			
12				12.2		11	Light olive gray 5Y 5/2 to mottled	SM	
12				9.1		11	olive brn 5Y 4/4		
22				10.2		12			
				8.6		12			
13				12.1		13	Mottled olive brn 5Y 4/4	SM	
18				8.9		13	Some coarse sand but mostly		
21				10.3		14	fine silty sand		
				15.8		15			
18				22.2		16	Silty sand (moist) w/ some	GP	
22				48.2		16	COARSE sand & very coarse sand		
26			0938	11.2		16	5Y 5/2 - 5Y 4/4		
				42.1		17	GW COARSE SANDY GRAVEL (wet)		

BORING LOG
 Environmental Strategies Corporation
 101 Metro Drive, Suite 650
 San Jose, CA 95110

PROJECT

Clearpoint
1482 67th St
Menlo Park CA 94028

Boring No. MMW-2
 Sheet 2 of 2
 Date Drilled 10/10/95

Approved by:

Blows/FL	Sample Depth	Water Level Time & Date	Sample Time	PID (ppm)	Core Sample Number	Depth (ft)	Description	Graphic Log	Well Construction
50.6				11.0		18	Coarse & very coarse sand some gravel. Heavy sands w.c. = 15' in augers	GP	
6				2.0		19			
						20			
						21			
						22	Time 1041 Pale brown 5 5/2 to 104 5/2	SM	
						23	Silty coarse sand		
						24			
						25			
						26			
						27			
						28	End of boring 27.5' water level @ 14.9' in augers w/ wood plug installed		
						29			
						30			
						31			
						32			
						33			
						34			
						35			
						36			
						37			
						38			

BORING LOG
 Environmental Strategies Corporation
 101 Metro Drive, Suite 650
 San Jose, CA 95110

PROJECT
CLEARPRINT
1492 67TH ST
EMERYVILLE CA

Boring No. MW-3
 Sheet 1 of 2
 Date Drilled 10/11/95

Approved by: _____

Drilling Co. WEST HAZMAT
 Driller LEE FOX
 ESC Geologist J. BENSON

Boring Location SE of TANK 4
 Ground Elevation _____
 TOC Elevation _____

Boring
 Method Hollow Stem Auger
 Hole Diameter 8"
 Inside Diameter 3.75"
 Total Depth 29.4'

Outer Casing
 Type N/A
 Diameter _____
 Length _____

Well Casing/Screen/Filter Pack
 Type/Diameter Sched 40/2"
 Screen Length _____
 Screen Slot Size 0.01 Filter Pack 2/12
 Total Depth 29.4'

Sampler
 Method SS split spoon
 Length (ft) 18"
 Hammer (lbs)/Fall (ins) 140 lb 26"

Blows/FL	Sample Depth	Water Level Time & Date	Sample Time	PID (ppm)	Core Sample Number	Depth (ft)	Description	Graphic Log	Well Construction
N/A				NA		1	Asphalt / BASE MAT		
						2			
						3			
13				13.8		4	Mod yel brown 10QR 5/4 Silty clay some 10QR 2/2 Mottled	CL	
29				29.9		5			
13				20.1		6			
				11.2		7			
10				28.9		8	Lt olive gray 5Y 5/2 mottled w/ mod brown 5YR 3/4 Silty clay		
15		1515		32.6		9			
23				18.9		10			
				16.7		11	Some grayish green		
14			1525	78.0		12			
17				1128.8		13			
28				149.6		14			
				231.1		15			
20			1530	117.2		16	Mod yel brown 10QR 5/4 some Gray green 5G 5/2 mottled silty	SM	Strong Petro/Solvent odor
28				565.6		17	Very coarse sandy gravel some clay		
32				72.9		18			
						19			
13				29.4		20	Mod yel brown 10QR 5/4 silty clay w/ some coarse sand		
13				7.6		21			
21				4.3		22			
				4.0		23			
23				4.4		24			
27				8.3		25	Mod yellow brown 10QR 5/4 Very coarse clay w/ some gravel		
38				10.2		26			

BORING LOG
 Environmental Strategies Corporation
 101 Metro Drive, Suite 650
 San Jose, CA 95110

PROJECT

Boring No. _____

Approved by:

Sheet ____ of ____

Date Drilled _____

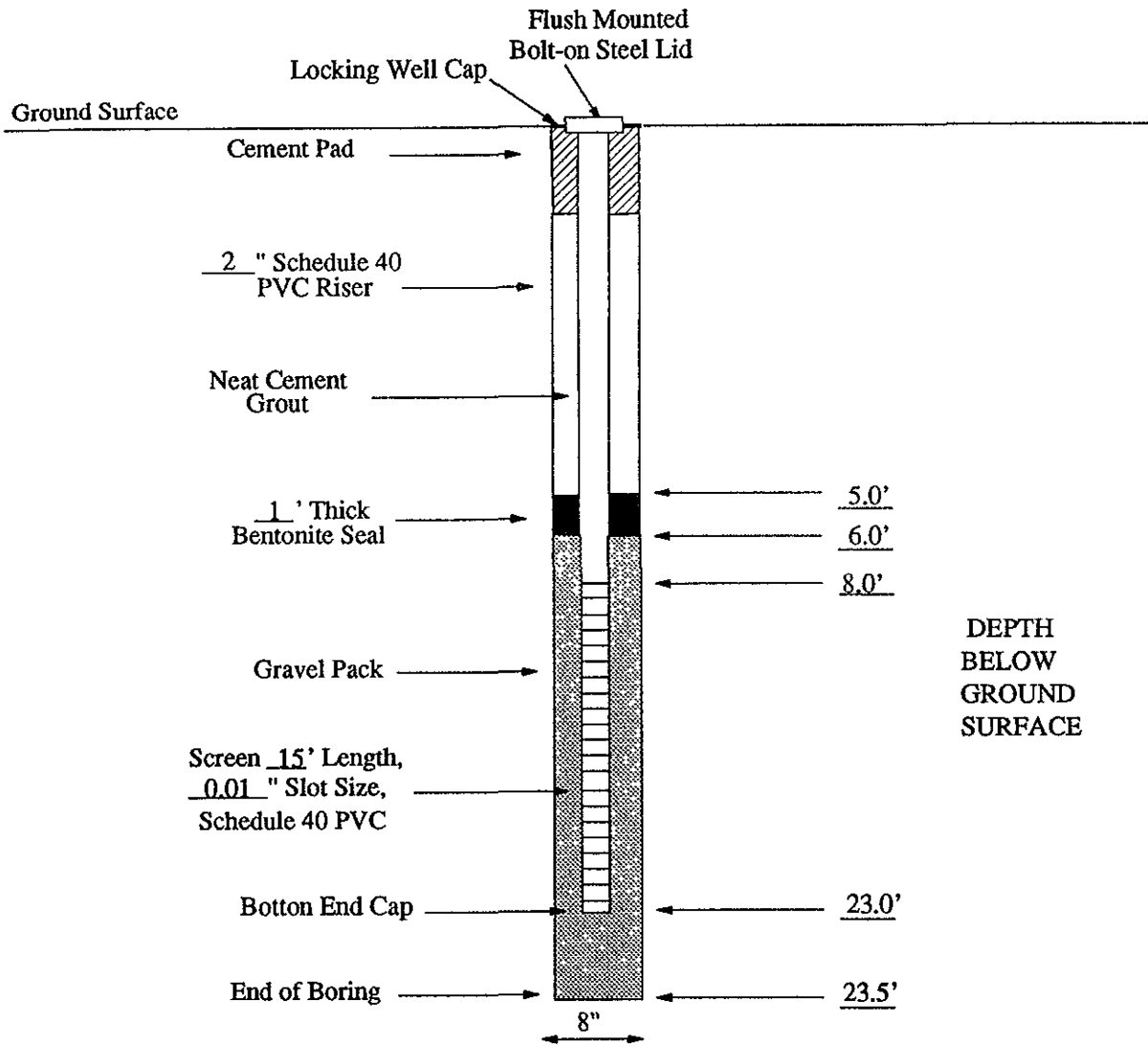
Blows/FL	Sample Depth	Water Level Time & Date	Sample Time	PID (ppm)	Core Sample Number	Depth (ft)	Description	Graphic Log	Well Construction
						18	Same as above	CL	
22			1600	0					
26				2.0		19			
30				0		20	Same as above w/ some mottling silty clay	CL	
16				0		21			
19				0		22			
26				0		23			
12				0		24	No recovery Fine silty sand Muck in auger some greyish black org	5m?	
17				1.5		25			
30			1638	0		26	End of boring 29.4'		
				0		27			
						28			
						29			
						30			
						31			
						32			
						33			
						34			
						35			
						36			
						37			
						38			

+50
 muck
 in
 auger

5m?

Appendix E - Well Construction Diagrams - October 1995

SITE NAME: Clearprint
 LOCATION: Emeryville, California
 DATE: 10/11/93

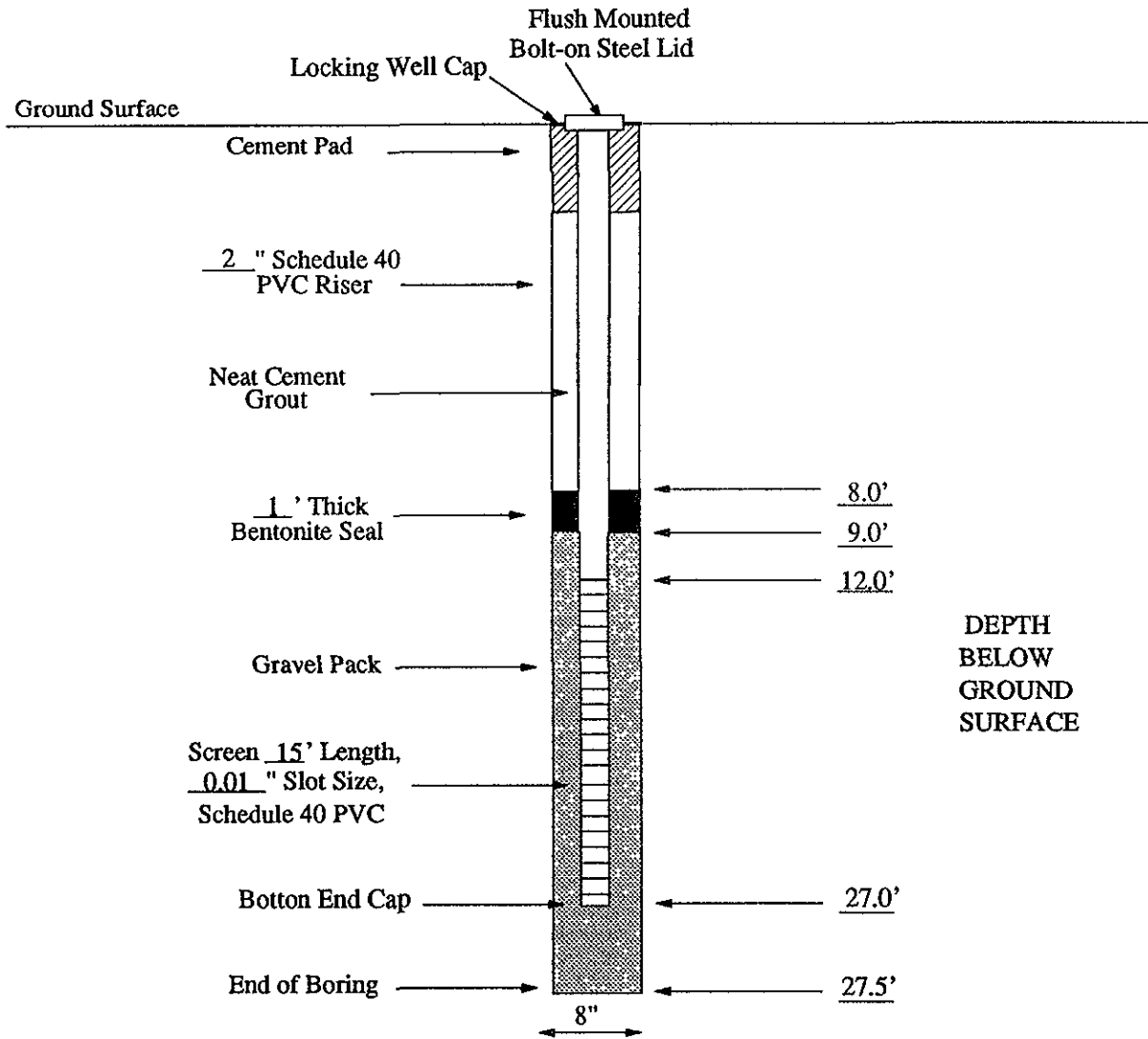


AS-BUILT DIAGRAM FOR WELL MW-1



ENVIRONMENTAL STRATEGIES CORP.
 101 Metro Drive Suite 650
 San Jose, California 95110
 408-453-6100

SITE NAME: Clearprint
 LOCATION: Emeryville, California
 DATE: 10/10/93

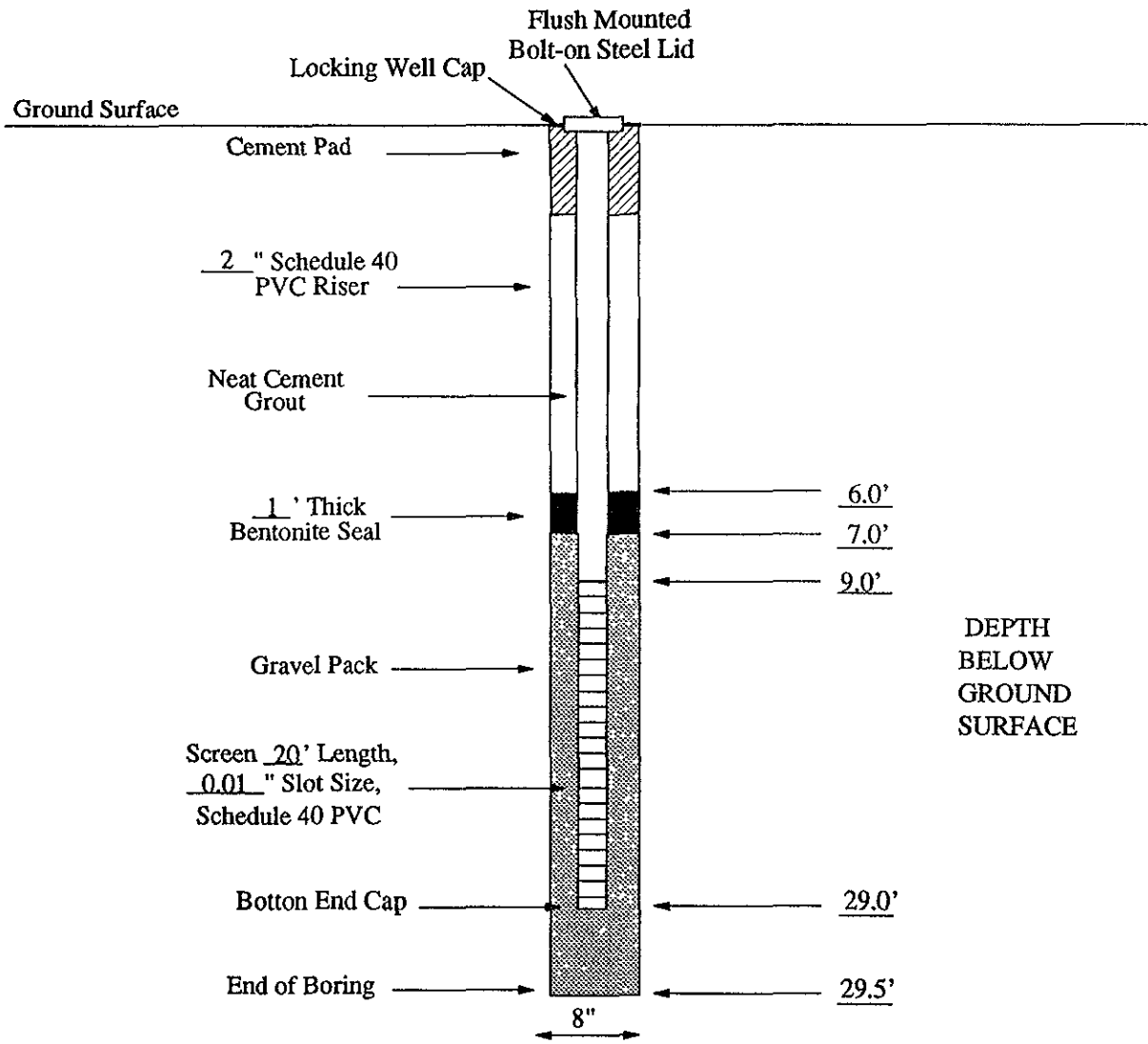


AS-BUILT DIAGRAM FOR WELL MW-2



ENVIRONMENTAL STRATEGIES CORP.
 101 Metro Drive Suite 650
 San Jose, California 95110
 408-453-6100

SITE NAME: Clearprint
 LOCATION: Emeryville, California
 DATE: 10/11/95



AS-BUILT DIAGRAM FOR WELL MW-3



ENVIRONMENTAL STRATEGIES CORP.
 101 Metro Drive Suite 650
 San Jose, California 95110
 408-453-6100

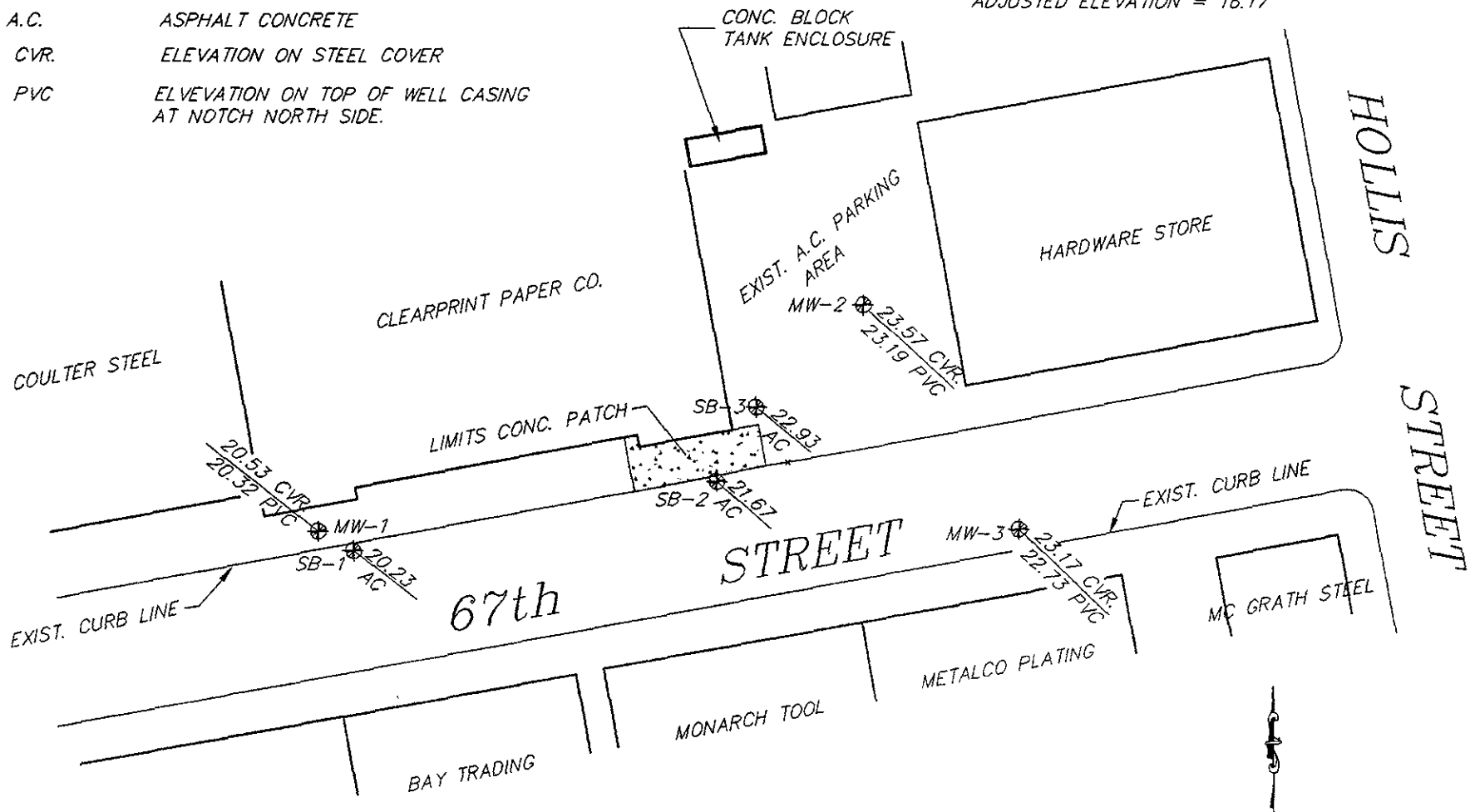
Appendix F - Triad/Holmes Associates Survey Report

LEGEND

- SB-1 ⊕ SOIL BORING
- MW-1 ⊕ MONITORING WELL
- A.C. ASPHALT CONCRETE
- CVR. ELEVATION ON STEEL COVER
- PVC ELVEVATION ON TOP OF WELL CASING AT NOTCH NORTH SIDE.

BENCHMARK INFORMATION

EMERYVILLE CITY BM#5, DESCRIBED AS:
 EBM 15 NGS AZIMUTH MARK FOR S. BERKELY BASE
 (DESTROYED) AT 65th ST. AND W. LINE OF SP R/W
 9FT N. OF S LINE OF BAY ST
 ADJUSTED ELEVATION = 16.17



MONITOR WELL LOCATION MAP

FOR CLEARPRINT PAPER CO., EMERYVILLE, CALIFORNIA

Appendix G - Well Development and Groundwater Sampling Forms

10/17/95 (4) 1810

ENVIRONMENTAL STRATEGIES WELL DEVELOPMENT LOG

SAMPLE

DUP(201)
+
EQ
BLANK
(200)

SITE NAME: Clearprint
WELL DESIGNATION: MW-1

PROJECT #: 122428-02
WELL DIA.: 2"

DATE: 10/17/95
SCREEN INT.: 8-23

WELL DEV. METHOD (CIRCLE): BAIL / SURGE / SWAB / PUMP / JET
EQUIPMENT USED (LIST): PVC BAILER, Surge block

PROCESS DESCRIPTION: BAIL SEDIMENT, SURGE 20 min, BAIL, SETTLE OUT, SAMPLE

WELL DEVELOPED BY: J BENSON

INSTRUMENTS USED: METER: HIANNAH W/L PROBE: INTERFACE

INITIAL DEPTH TO WATER: 10.21 INITIAL DEPTH OF WELL: 23' 22.42
10.19 @ 1340 (DETAIL) (SOUNDED)

PURGE CALCULATION: $(23.42 - 10.21) \cdot 1.63 = 2.15 = 1 \text{ CASING VOL (GALLONS)}$

WELL DEVELOPMENT START: 1545 Surge

Purge sediment 1305. Apx 12 gal removed
SURGE START: 1545 SURGE STOP: 1605
PURGE START: 1608 PURGE STOP: 1643

TIME	GALLONS OF WATER		W/L	PARAMETERS				NTU
	CASING VOL.	AMT. RMV'D.		TEMP.	COND.	pH		
1619	3 = 6.45	6.0	11.56	21.0	869	7.1	—	
NOTES:	<u>TAN, Silty, No odor, No screen</u>							
1624	4 = 8.60	8.5	12.04	20.8	822	7.0	—	
NOTES:	<u>Tannish, clearing slightly, no odor, no screen</u>							
1629	5 = 10.75	10.5	12.34	20.9	726	7.0	—	
NOTES:	<u>Same as above</u>							
1633	6 = 12.90	13.0	12.87	20.6	707	6.9	—	
NOTES:	<u>Same as above</u>							
1636	7 = 15.05	15.0	12.39	20.4	805	6.8	—	
NOTES:	<u>Same as above</u>							
1640	8 = 17.20	18.0	12.12	20.4	728	6.9	—	
NOTES:	<u>Same as above</u>							
1643	9 = 19.35	20.0	11.62	20.5	718	6.8	—	
NOTES:	<u>Same as above, well considered developed still slightly silty but parameters are stable</u>							
10 = 21.5								
NOTES:								

WELL DEVELOPMENT STOP: 1645
FINAL DEPTH OF WELL : 22.44 (SOUNDED)

NOTES: water level 10.22 @ 1810 (SAMPLE TIME) Solid bottom

Well is a good producer, siltation is persistent.

Total water removed = ~ 32 gal

Developed

ENVIRONMENTAL STRATEGIES 10/17/95 @ 1840
WELL DEVELOPMENT LOG SAMPLE

SITE NAME: Clearpoint
 WELL DESIGNATION: MW-3

PROJECT #: 122428-02
 WELL DIA.: 2"

DATE: 10/17/95
 SCREEN INT.: 9-29'

WELL DEV. METHOD (CIRCLE): BAI / SURGE / SWAB / PUMP / JET
 EQUIPMENT USED (LIST): F7/C bailer / surge block

PROCESS DESCRIPTION: Bail sediment, surge apex 20 min, bail, settle out, SAMPLE

WELL DEVELOPED BY: V. Penon

INSTRUMENTS USED: METER: HANKIAH W/L PROBE: INTERFACE

INITIAL DEPTH TO WATER: 9.42 INITIAL DEPTH OF WELL: 29.0 26.92
 (DETAIL) (SOUNDED)

PURGE CALCULATION: $(26.92 - 9.42) \cdot 1.63 = 2.9$ = 1 CASING VOL (GALLONS)

WELL DEVELOPMENT START: 1347

Purge sediment @ 1235. apex 18 gal removed
 SURGE START: 1347 SURGE STOP: 1409
 PURGE START: 1411 PURGE STOP: 1444

TIME	GALLONS OF WATER		W/L	°C PARAMETERS			
	CASING VOL.	AMT. RMV'D.		TEMP.	COND.	pH	NTU
1423	3 = 8.7	8.5	16.13	18.4	1556	6.6	—
NOTES:	<u>Med brown, silty, Hydrocarbon/solvent odor, No shear</u>						
1429	4 = 11.6	11.5	18.12	18.3	1543	6.6	—
NOTES:	<u>Med brown, silty, H-carbon/solvent odor, No shear</u>						
1440	5 = 14.5	15.5	20.14	18.3	1616	6.5	—
NOTES:	<u>SAME as above</u>						
1448	6 = 17.4	18.5	20.82	18.3	1545	6.5	—
NOTES:	<u>SAME as above. PARAMETERS STABLE WELL CONSIDERED DEVELOPED</u>						
	7 = 20.3						
NOTES:							
	8 =						
NOTES:							
	9 =						
NOTES:							
	10 =						
NOTES:							

WELL DEVELOPMENT STOP: 1450
 FINAL DEPTH OF WELL : 29.39 (SOUNDED)

NOTES: WL @ time of sample = 9.66 Sample-time 1840 10/17/95
Well is a good producer. Sittation is persistent.
TOTAL AMT removed from well = 33.5

Developed

**ENVIRONMENTAL STRATEGIES
WELL DEVELOPMENT LOG**

10/17/95 @ 1745
SAMPLE

SITE NAME: Clearprint
WELL DESIGNATION: MW-2

PROJECT #: 122428-02
WELL DIA.: 2"

DATE: 10/17/95
SCREEN INT.: 12-27'

WELL DEV. METHOD (CIRCLE): BAIL / SURGE / SWAB / PUMP / JET
EQUIPMENT USED (LIST): PVC Bailers, Surge block

PROCESS DESCRIPTION: Bail sediment, Surge (apx 20 min), bail, settle out, sample

WELL DEVELOPED BY: Brown

INSTRUMENTS USED: METER: HANNAH W/L PROBE: INTERFACE

INITIAL DEPTH TO WATER: 10.28 INITIAL DEPTH OF WELL: 27.0 23.07
11.91 @ 1500 (DETAIL) (SOUNDED)

PURGE CALCULATION: $(23.07 - 10.28) \cdot 1163 = 2.08 = 1 \text{ CASING VOL (GALLONS)}$

WELL DEVELOPMENT START: 1503

Surge sediment @ 1212 bailed dry after 3 gallons
SURGE START: 1505 SURGE STOP: 1521
PURGE START: 1523 PURGE STOP: 1532

TIME	GALLONS OF WATER		W/L	PARAMETERS			
	CASING VOL.	AMT. RMVD.		TEMP.	COND.	pH	NTU
1528	3 = 6.24	3.0	22.73	19.6	1536	7.1	—
NOTES:	<u>BAILED DRY @ 1532 3.5 gal removed, very silty, med BROWN, NO odor or skew</u>						
	4 = 8.34						
NOTES:							
	5 = 10.40						
NOTES:							
	6 = 2.48						
NOTES:	<u>at 1532 ~ 3.5 gal removal</u>						
	7 = 14.56						
NOTES:							
	8 =						
NOTES:							
	9 =						
NOTES:							
	10 =						
NOTES:							

WELL DEVELOPMENT STOP: 1532
FINAL DEPTH OF WELL : 26.70 (SOUNDED)

NOTES: WL @ time of sample = 10.66 10/17/95 @ 1745
Water @ time of sample cloudy (1st bailer) then silty (2nd bailer)

Appendix H - Laboratory Analytical Data - Soil and Groundwater



Inchcape Testing Services

Anametrix Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

MR. JEFF COGAN
ENVIRONMENTAL STRATEGIES CORP.
101 METRO DRIVE, SUITE 650
SAN JOSE, CA 95110

Workorder # : 9510119
Date Received : 10/12/95
Project ID : 122428-02
Purchase Order: N/A

The following samples were received at Anametrix for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9510119- 1	MW-2@8.0
9510119- 2	MW2@16.5
9510119- 3	SB-1@6.0
9510119- 4	SB1@11.5
9510119- 5	SB-2@5.5
9510119- 6	SB2@10.5
9510119- 7	SB2@14.0
9510119- 8	MW-1@8.5
9510119- 9	MW1@11.5
9510119-10	SB-3@9.0
9510119-11	MW-3@6.5
9510119-12	MW3@11.0
9510119-13	MW3@18.5
9510119-14	MW3@24.5
9510119-15	201
9510119-16	200

This report is organized in sections according to the specific Anametrix laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Anametrix cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.

Susan Kraska Yeager

Susan Kraska Yeager
Laboratory Director

10/30/95

Date

John Hill

Project Manager

This report consists of 381 pages.

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JEFF COGAN
ENVIRONMENTAL STRATEGIES CORP.
101 METRO DRIVE, SUITE 650
SAN JOSE, CA 95110

Workorder # : 9510119
Date Received : 10/12/95
Project ID : 122428-02
Purchase Order: N/A
Department : GC
Sub-Department: TPH


QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this workorder.
- The concentrations reported as diesel for samples SB-2@5.5, SB2@10.5, SB2@14.0, and MW3@11.0 are primarily due to the presence of a combination of diesel and a lighter petroleum product of hydrocarbon range C6-C12, possibly gasoline.


Cheryl Baena 10/20/95
Department Supervisor Date

CPatel 10/30/95
Chemist Date

PROJECT NO. 122428-02		PROJECT NAME AND LOCATION: CLEARPRINT, EMERYVILLE, CA			NO. OF CONTAINERS	TPH-G MOD 8015 TPH-D MOD 8015 FUEL FINGERPRINT FOR MINERAL OIL RANGE BTEX 8020				REMARKS
SAMPLERS: (Signature) <i>Jeff Benson</i>		PRINT NAME: JEFF BENSON				DATE 1945	TIME	MATRIX		
MW-2 @ 8.0	10/10	0915	SOIL	1	X	X	X	X		
MW-2 @ 16.5		0938								
SB-1 @ 6.0		1645								
SB-1 @ 11.5		1700								
SB-2 @ 5.5		1640								
SB-2 @ 10.5		1735								
SB-2 @ 14.0	10/11	1340								
MW-1 @ 8.5		0815								
MW-1 @ 11.5		0825								
SB-3 @ 9.0		1910								
MW-3 @ 6.5		1515								
MW-3 @ 11.0		1530								
MW-3 @ 18.5		1600								

Relinquished by: (Signature) <i>Jeff Benson</i>	Date/Time 10/12/95 1350	Received by: (Signature)	LAB NAME: ANAMETRIX	ENVIRONMENTAL STRATEGIES CORPORATION 11911 Freedom Drive Reston, Virginia 22090 (703) 709-6500 
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	CITY: SAN JOSE	
			COURIER: ESC	
			AIRBILL NO N/A	
Received for Laboratory by: (Signature) <i>Liz Roman</i>	PRINT NAME: JEFF BENSON	Date Time 10/12/95 1350	CUSTODY SEAL NOS N/A	
ATTENTION LAB: SEND ANALYTICAL RESULTS TO THE FOLLOWING ESC STAFF MEMBER:			COOLER NO: RED RUBBERMAID	
			JEFF COGAN	
			LIZ ROMAN	

PROJECT NO. 122428-02		PROJECT NAME AND LOCATION: CLEARPRINT, EMERYVILLE, CA			NO. OF CONTAINERS	TPH-G MOD 8015	TPH-D MOD 8015	FUEL FINGERPRINT FOR MINERAL OIL RANGE	BTEX 8020			REMARKS
SAMPLERS: (Signature) <i>[Signature]</i>		PRINT NAME: JEFF BENSON										
SAMPLE IDENTIFICATION		DATE 1995	TIME	MATRIX								
MW-3 @ 24.5	10/11	1638	SOIL	1								
ZOI Dup of MW-1 @ 11.5	↓	—	↓	1	↓	↓	↓	↓				
ZOO EQ Blank before MW-1 @ 11.5	↓	—	H ₂ O	5	↓	↓	↓	↓				

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/12/95 1350	Received by: (Signature)	LAB NAME: ANALITRIX	ENVIRONMENTAL STRATEGIES CORPORATION 11911 Freedom Drive Reston, Virginia 22090 (703) 709-6500
Relinquished by: (Signature)	Date Time	Received by: (Signature)	CITY: SAN JOSE	
			COURIER: ESC	
			AIRBILL NO N/A	
Received for Laboratory by: (Signature) <i>[Signature]</i>	PRINT NAME MONT VIL	Date Time	CUSTODY SEAL NOS: N/A	
			COOLER NO: RED RIBBERMAID	
ATTENTION LAB: SEND ANALYTICAL RESULTS TO THE FOLLOWING ESC STAFF MEMBER:			JEFF COGAN LIZ ROZIAN	



Inchcape Testing Services

Anamatrix Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

RICK FREUDENBERGER
ENVIRONMENTAL STRATEGIES CORP.
101 METRO DRIVE, SUITE 650
SAN JOSE, CA 95110

Workorder # : 9510216
Date Received : 10/18/95
Project ID : 122428-02
Purchase Order: N/A

The following samples were received at Anamatrix for analysis :

ANAMATRIX ID	CLIENT SAMPLE ID
9510216- 1	MW-1
9510216- 2	MW-2
9510216- 3	MW-3
9510216- 4	200
9510216- 5	201
9510216- 6	TBLNK

This report is organized in sections according to the specific Anamatrix laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Anamatrix cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Anamatrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.


Susan Kraska Yeager
Laboratory Director

10/30/95
Date


Project Manager

This report consists of 11 pages.

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

RICK FREUDENBERGER
ENVIRONMENTAL STRATEGIES CORP.
101 METRO DRIVE, SUITE 650
SAN JOSE, CA 95110

Workorder # : 9510216
Date Received : 10/18/95
Project ID : 122428-02
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this workorder.
- The concentrations reported as diesel for samples MW-1, MW-3 and 201 are due to the presence of a combination of diesel and a lighter petroleum product of hydrocarbon range C6-C12, possibly gasoline.
- The concentration reported as diesel for sample MW-2 is primarily due to the presence of a discrete peak not indicative of diesel fuel.

Oliver Balmer 10/25/95
Department Supervisor Date

Doshi 10/25/95
Chemist Date

1510210 14

No. 007913

CHAIN OF CUSTODY RECORD

PROJECT NO		PROJECT NAME AND LOCATION:			NO. OF CONTAINERS	TPH-G MOD 8015	TPH-D MOD 8015	MINERAL OIL FINGERPRINT MOD 8015	BTEX 8020		REMARKS	
122428-02		CLEARPRINT, EMERYVILLE, CA										
SAMPLERS: (Signature) <i>JH Benson</i>		PRINT NAME: JEFF BENSON										
SAMPLE IDENTIFICATION				DATE 1995	TIME	MATRIX						
MW-1				10/17	1810	H ₂ O	5	X	X	X	X	
MW-2					1745							
MW-3					1840							
Z00					-							
Z01					-		↓	↓	↓	↓		
TRIP BLANK					-		2			X		

Relinquished by (Signature) <i>JH Benson</i>	Date Time 10/18/95 1645	Received by (Signature) <i>[Signature]</i>	LAB NAME: ANAMETRIX	ENVIRONMENTAL STRATEGIES CORPORATION 11911 Freedom Drive Reston, Virginia 22090 (703) 709-6500
Relinquished by (Signature) IS <i>[Signature]</i> 10.18.95. 1716	Date Time	Received by (Signature)	CITY SAN JOSE	
Received for Laboratory by (Signature) <i>[Signature]</i>	PRINT NAME: Jose Perez	Date Time 10/18/95 1710	COURIER: LAB	
			AIRBILL NO N/A	
			CUSTODY SEAL NOS: N/A	
			COOLER NO: 13	
ATTENTION LAB: SEND ANALYTICAL RESULTS TO THE FOLLOWING ESC STAFF MEMBER: RICK FREUDENBERGER LIZ ROMAN				



CA X MA PA MN

DISTRIBUTION: ORIGINAL ACCOMPANIES SHIPMENT: COPY TO ESC FILES

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510119-08	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	MW-1@8.5
Date Sampled:	10/11/95	Instrument ID:	HP4
Date Analyzed:	10/17/95	Surrogate Recovery:	86%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	100	0.05	0.69
Toluene	100	0.05	0.17
Ethylbenzene	100	0.05	0.53
Total Xylenes	100	0.05	0.79
Gasoline	100	5	46

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Lucas Shaw 11/10/95
Analyst Date

Cheryl Baer 11/10/95
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

DATA SUMMARY FORM

Anamatrix ID:	9510119-09	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	MW1@11.5
Date Sampled:	10/11/95	Instrument ID:	HP4
Date Analyzed:	10/17/95	Surrogate Recovery:	86%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>
Benzene	100	0.05	0.56
Toluene	100	0.05	1.6
Ethylbenzene	100	0.05	0.71
Total Xylenes	100	0.05	3.4
Gasoline	100	5	39

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID
(modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes
is determined by GC/PID (modified EPA Method 8020) following sample
purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services
approved methods.

Lucia Steer 11/10/95
Analyst Date

Cheryl Palmer 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510119-01	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	MW-2@8.0
Date Sampled:	10/10/95	Instrument ID:	HP4
Date Analyzed:	10/13/95	Surrogate Recovery:	94%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	2	0.005	ND
Toluene	2	0.005	ND
Ethylbenzene	2	0.005	ND
Total Xylenes	2	0.005	ND
Gasoline	2	0.5	ND

ND: Not detected at or above the reporting limit for the method.
TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030
BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.
Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.
All testing procedures follow California Department of Health Services approved methods.

Lucia Shea 11/10/95
Analyst Date

Cheyl Baerman 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix ID:	9510119-02	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	MW2@16.5
Date Sampled:	10/10/95	Instrument ID:	HP4
Date Analyzed:	10/13/95	Surrogate Recovery:	103%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	2	0.005	ND
Toluene	2	0.005	ND
Ethylbenzene	2	0.005	ND
Total Xylenes	2	0.005	ND
Gasoline	2	0.5	ND

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Lucia Shea 11/10/95
Analyst Date

Cheryl Balman 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
 (408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510119-11	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	MW-3@6.5
Date Sampled:	10/11/95	Instrument ID:	HP4
Date Analyzed:	10/16/95	Surrogate Recovery:	84%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	5	0.005	0.068
Toluene	5	0.005	0.16
Ethylbenzene	5	0.005	0.032
Total Xylenes	5	0.005	0.13
Gasoline	5	0.5	1.5

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Lucia Star 11/10/95
 Analyst Date

Cheryl Baer 11/10/95
 Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

DATA SUMMARY FORM

Anametrix ID:	9510119-12	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	MW3@11.0
Date Sampled:	10/11/95	Instrument ID:	HP4
Date Analyzed:	10/16/95	Surrogate Recovery:	95%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>
Benzene	2500	1.25	5.0
Toluene	2500	1.25	16
Ethylbenzene	2500	1.25	5.2
Total Xylenes	2500	1.25	29
Gasoline	2500	125	330

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID
(modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total
is determined by GC/PID (modified EPA Method 8020) following sample
purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services
approved methods.

Lucia Stear 11/10/95
Analyst Date

Cheryl Salmer 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510119-13	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	MW3@18.5
Date Sampled:	10/11/95	Instrument ID:	HP4
Date Analyzed:	10/14/95	Surrogate Recovery:	106%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>
Benzene	2	0.005	ND
Toluene	2	0.005	ND
Ethylbenzene	2	0.005	ND
Total Xylenes	2	0.005	ND
Gasoline	2	0.5	ND

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Lucia Shea 11/10/95
Analyst Date

Cheryl Balmer 11/10/95
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX**

(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510119-14	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	MW3@24.5
Date Sampled:	10/11/95	Instrument ID:	HP12
Date Analyzed:	10/17/95	Surrogate Recovery:	86%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>
Benzene	2	0.005	ND
Toluene	2	0.005	0.008
Ethylbenzene	2	0.005	ND
Total Xylenes	2	0.005	ND
Gasoline	2	0.5	ND

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID
(modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes
is determined by GC/PID (modified EPA Method 8020) following sample
purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services
approved methods.

Lucas Sher 11/10/95
Analyst Date

Cheryl Balaban 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix ID:	9510119-03	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	SB-1@6.0
Date Sampled:	10/10/95	Instrument ID:	HP4
Date Analyzed:	10/14/95	Surrogate Recovery:	71%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	2	0.005	ND
Toluene	2	0.005	ND
Ethylbenzene	2	0.005	ND
Total Xylenes	2	0.005	ND
Gasoline	2	0.5	ND

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Lucas Shor 11/10/95
Analyst Date

Cheryl Berman 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510119-04	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	SB1@11.5
Date Sampled:	10/10/95	Instrument ID:	HP4
Date Analyzed:	10/16/95	Surrogate Recovery:	55%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	5	0.005	0.006
Toluene	5	0.005	0.014
Ethylbenzene	5	0.005	0.013
Total Xylenes	5	0.005	0.014
Gasoline	5	0.5	2.0

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Lucas Sizer 11/10/95
Analyst Date

Cheryl Balmer 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix ID:	9510119-05	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	SB-2@5.5
Date Sampled:	10/10/95	Instrument ID:	HP4
Date Analyzed:	10/16/95	Surrogate Recovery:	98%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	2500	1.25	11
Toluene	2500	1.25	5.9
Ethylbenzene	2500	1.25	6.6
Total Xylenes	2500	1.25	35
Gasoline	2500	125	330

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Lucia Shea 11/10/95
Analyst Date

Christ Barber 11/10/95
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

DATA SUMMARY FORM

Anametrix ID:	9510119-06	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	SB2@10.5
Date Sampled:	10/10/95	Instrument ID:	HP4
Date Analyzed:	10/16/95	Surrogate Recovery:	91%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>
Benzene	2500	1.25	9.4
Toluene	2500	1.25	30
Ethylbenzene	2500	1.25	13
Total Xylenes	2500	1.25	65
Gasoline	2500	125	730

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID
(modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes
is determined by GC/PID (modified EPA Method 8020) following sample
purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services
approved methods.

Lucie Star 11/10/95
Analyst Date

Cheryl Balme 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510119-07	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	SB2@14.0
Date Sampled:	10/11/95	Instrument ID:	HP4
Date Analyzed:	10/17/95	Surrogate Recovery:	94%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	5000	2.5	20
Toluene	5000	2.5	72
Ethylbenzene	5000	2.5	35
Total Xylenes	5000	2.5	180
Gasoline	5000	250	1700

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Lucia Shea 11/10/95
Analyst Date

Cheryl Balmer 11/10/95
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

DATA SUMMARY FORM

Anametrix ID:	9510119-10	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	SB-3@9.0
Date Sampled:	10/11/95	Instrument ID:	HP4
Date Analyzed:	10/14/95	Surrogate Recovery:	96%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>
Benzene	2	0.005	ND
Toluene	2	0.005	ND
Ethylbenzene	2	0.005	ND
Total Xylenes	2	0.005	ND
Gasoline	2	0.5	ND

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID
(modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total
Xylenes is determined by GC/PID (modified EPA Method 8020) following sample
purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services
approved methods.

Suecia Steer 11/10/95
Analyst Date

Cheryl Balman 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix ID:	9510119-15	Client Project ID:	122428-02
Matrix:	SOIL	Client Sample ID:	201
Date Sampled:	10/11/95	Instrument ID:	HP4
Date Analyzed:	10/16/95	Surrogate Recovery:	92%
Date Released:	11/7/95	Concentration Units:	mg/Kg

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	1000	0.5	4.4
Toluene	1000	0.5	4.2
Ethylbenzene	1000	0.5	3.0
Total Xylenes	1000	0.5	15
Gasoline	1000	50	220

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Deena Shor 11/10/95
Analyst Date

Christy Balman 11/10/95
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

DATA SUMMARY FORM

Anametrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-08	MW-1@8.5	10/11/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
 TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
 (modified EPA Method 8015) following sample extraction by EPA Method 3550.
 Surrogate recovery quality control limits for o-terphenyl are 64-109%.
 All testing procedures follow California Department of Health Services
 approved methods.

PP
 Analyst 11/10/95
 Date

Chief Balman 11/9/95
 Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-08	MW-1@8.5	10/11/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services approved methods.

CP Patel 11/10/95
Analyst Date

Cheryl Balmer 11/8/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder: 9510119 Client Project ID: 122428-02
Matrix: SOIL Date Released: 11/9/95
Date Extracted: 10/13/95 Concentration Units: mg/Kg
Instrument ID: HP9

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date</u> <u>Sampled</u>	<u>Date</u> <u>Analyzed</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>	<u>Surrogate</u> <u>Recovery</u>
9510119-09	MW1@11.5	10/11/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

OPC
Analyst

11/10/95
Date

Cheyl Balmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-09	MW1@11.5	10/11/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550. Surrogate recovery quality control limits for o-terphenyl are 64-109%. All testing procedures follow California Department of Health Services approved methods.

RP Patel 11/10/95
Analyst Date

Cheyl Balmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-01	MW-2@8.0	10/10/95	10/16/95	1	10	ND	106%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

CRPate
Analyst

11/10/95
Date

Cheryl Balmer
Supervisor

11/9/95
Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-01	MW-2@8.0	10/10/95	10/16/95	1	10	ND	106%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services approved methods.

CP Patel 11/13/95
Analyst Date

Cheryl Balmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL

INCHCAPE TESTING SERVICES - ANAMETRIX

(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder: 9510119 Client Project ID: 122428-02
Matrix: SOIL Date Released: 11/9/95
Date Extracted: 10/13/95 Concentration Units: mg/Kg
Instrument ID: HP9

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-02	MW2@16.5	10/10/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.

Surrogate recovery quality control limits for o-terphenyl are 64-109%.

All testing procedures follow California Department of Health Services approved methods.

Ch Patel 11/10/95
Analyst Date

Cheryl Balmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-02	MW2@16.5	10/10/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services approved methods.

OP Patel 11/10/95
Analyst Date

Cheryl Bealman 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-11	MW-3@6.5	10/11/95	10/16/95	1	10	ND	107%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services approved methods.

ORP
Analyst

11/10/95
Date

Cheyl Balmer
Supervisor

11/9/95
Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
 (408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-11	MW-3@6.5	10/11/95	10/16/95	1	10	ND	107%


ND: Not detected at or above the reporting limit for the method.
 TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.
 Surrogate recovery quality control limits for o-terphenyl are 64-109%.
 All testing procedures follow California Department of Health Services approved methods.



 Analyst

11/10/95

 Date



 Supervisor

11/9/95

 Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-12	MW3@11.0	10/11/95	10/16/95	1	10	11	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

ORlatel 11/10/95
Analyst Date

Cheryl Bulmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-12	MW3@11.0	10/11/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services approved methods.

CPA
Analyst 11/10/95
Date

Cheryl Balmer 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-13	MW3@18.5	10/11/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

ORPate 11/10/95
Analyst Date

Cheryl Balmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-13	MW3@18.5	10/11/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services approved methods.

CP Patel 11/10/95
Analyst Date

Cheryl Baerman 11/9/95
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-14	MW3@24.5	10/11/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
 TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
 (modified EPA Method 8015) following sample extraction by EPA Method 3550.
 Surrogate recovery quality control limits for o-terphenyl are 64-109%.
 All testing procedures follow California Department of Health Services
 approved methods.

[Signature] 11/10/95
 Analyst Date

[Signature] 11/9/95
 Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-14	MW3@24.5	10/11/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550. Surrogate recovery quality control limits for o-terphenyl are 64-109%. All testing procedures follow California Department of Health Services approved methods.

OP Patel 11/10/95
Analyst Date

Cheryl Balmer 11/9/95
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-03	SB-1@6.0	10/10/95	10/16/95	1	10	ND	94%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

OPatel 11/10/95
Analyst Date

Cheryl Balmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-03	SB-1@6.0	10/10/95	10/16/95	1	10	12	94%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services approved methods.

ORP 11/10/95
Analyst Date

Cheryl Bulmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-04	SB1@11.5	10/10/95	10/16/95	1	10	ND	108%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

CP Patel 11/16/95
Analyst Date

Cheryl Bauman 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-04	SB1@11.5	10/10/95	10/16/95	1	10	ND	108%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550. Surrogate recovery quality control limits for o-terphenyl are 64-109%. All testing procedures follow California Department of Health Services approved methods.

OP Patel 11/10/95
Analyst Date

Cheryl Salzman 11/14/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-05	SB-2@5.5	10/10/95	10/16/95	1	10	25	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

C. Patel 11/10/95
Analyst Date

Cheryl Balmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-05	SB-2@5.5	10/10/95	10/16/95	1	10	ND	109%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services approved methods.

OP Patel 11/16/95
Analyst Date

Cheryl Balmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-06	SB2@10.5	10/10/95	10/16/95	1	10	120	84%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

CPA
Analyst

11/16/95
Date

Cheyl Balmer
Supervisor

11/9/95
Date

**TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-06	SB2@10.5	10/10/95	10/16/95	1	10	20	84%

ND: Not detected at or above the reporting limit for the method.
 TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID
 (modified EPA Method 8015) following sample extraction by EPA Method 3550.
 Surrogate recovery quality control limits for o-terphenyl are 64-109%.
 All testing procedures follow California Department of Health Services
 approved methods.

CRP et al 11/10/95
 Analyst Date

Cheryl Bauer 11/9/95
 Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder: 9510119 Client Project ID: 122428-02
Matrix: SOIL Date Released: 11/9/95
Date Extracted: 10/13/95 Concentration Units: mg/Kg
Instrument ID: HP9

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-07	SB2@14.0	10/11/95	10/16/95	1	10	120	97%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

Platel 11/10/95
Analyst Date

Cheryl Baerman 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-07	SB2@14.0	10/11/95	10/16/95	1	10	21	97%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550. Surrogate recovery quality control limits for o-terphenyl are 64-109%. All testing procedures follow California Department of Health Services approved methods.

PPA 11/10/95
Analyst Date

Cheyl Balun 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-10	SB-3@9.0	10/11/95	10/16/95	1	10	24	99%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
(modified EPA Method 8015) following sample extraction by EPA Method 3550.
Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services
approved methods.

ORP
Analyst

11/10/95
Date

Cheryl Barman
Supervisor

11/10/95
Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder: 9510119 Client Project ID: 122428-02
Matrix: SOIL Date Released: 11/9/95
Date Extracted: 10/13/95 Concentration Units: mg/Kg
Instrument ID: HP9

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-10	SB-3@9.0	10/11/95	10/16/95	1	10	24	99%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550. Surrogate recovery quality control limits for o-terphenyl are 64-109%.
All testing procedures follow California Department of Health Services approved methods.

 11/10/95
Analyst Date

 11/9/95
Supervisor Date


**TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

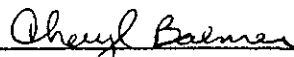
DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-15	201	10/11/95	10/15/95	1	10	ND	107%

ND: Not detected at or above the reporting limit for the method.
 TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID
 (modified EPA Method 8015) following sample extraction by EPA Method 3550.
 Surrogate recovery quality control limits for o-terphenyl are 64-109%.
 All testing procedures follow California Department of Health Services
 approved methods.


 Analyst 11/10/95
 Date


 Supervisor 11/9/95
 Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	SOIL	Date Released:	11/9/95
Date Extracted:	10/13/95	Concentration Units:	mg/Kg
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-15	201	10/11/95	10/15/95	1	10	ND	107%

ND: Not detected at or above the reporting limit for the method.
TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550. Surrogate recovery quality control limits for o-terphenyl are 64-109%. All testing procedures follow California Department of Health Services approved methods.

OR Patel 11/10/95
Analyst Date

Cheryl Balman 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix ID:	9510216-01	Client Project ID:	122428-02
Matrix:	WATER	Client Sample ID:	MW-1
Date Sampled:	10/17/95	Instrument ID:	HP4
Date Analyzed:	10/26/95	Surrogate Recovery:	132%
Date Released:	11/15/95	Concentration Units:	ug/L

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	100	50	160
Toluene	100	50	710
Ethylbenzene	100	50	300
Total Xylenes	100	50	1500
Gasoline	100	5000	8100

ND: Not detected at or above the reporting limit for the method.
TPHg: TPHg as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030.
BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.
Surrogate recovery quality control limits for p-Bromofluorobenzene are 61-139%.
All testing procedures follow California Department of Health Services approved methods.

Sayed Syed 11/15/95
Analyst Date

Cheryl Balman 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510216-02	Client Project ID:	122428-02
Matrix:	WATER	Client Sample ID:	MW-2
Date Sampled:	10/17/95	Instrument ID:	HP4
Date Analyzed:	10/26/95	Surrogate Recovery:	107%
Date Released:	11/15/95	Concentration Units:	ug/L

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	1	0.50	ND
Toluene	1	0.50	0.8
Ethylbenzene	1	0.50	ND
Total Xylenes	1	0.50	0.9
Gasoline	1	50	ND

ND: Not detected at or above the reporting limit for the method.

TPHg: TPHg as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030.

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 61-139%.

All testing procedures follow California Department of Health Services approved methods.

Seyal Syal 11/15/95
Analyst Date

Cheyl Balmer 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix ID:	9510216-03	Client Project ID:	122428-02
Matrix:	WATER	Client Sample ID:	MW-3
Date Sampled:	10/17/95	Instrument ID:	HP4
Date Analyzed:	10/26/95	Surrogate Recovery:	113%
Date Released:	11/15/95	Concentration Units:	ug/L

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	100	50	730
Toluene	100	50	2100
Ethylbenzene	100	50	270
Total Xylenes	100	50	1400
Gasoline	100	5000	8600

ND: Not detected at or above the reporting limit for the method.

TPHg: TPHg as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030.

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 61-139%.

All testing procedures follow California Department of Health Services approved methods.

Seyal Syed 11/16/95
Analyst Date

Cheryl Beaman 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510119-16	Client Project ID:	122428-02
Matrix:	WATER	Client Sample ID:	200
Date Sampled:	<u>10/11/95</u>	Instrument ID:	HP4
Date Analyzed:	10/13/95	Surrogate Recovery:	78%
Date Released:	11/7/95	Concentration Units:	ug/L

<u>COMPOUND</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>
Benzene	1	0.50	ND
Toluene	1	0.50	ND
Ethylbenzene	1	0.50	ND
Total Xylenes	1	0.50	ND
Gasoline	1	50	ND

ND: Not detected at or above the reporting limit for the method.
TPHg: TPHg as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030.
BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.
Surrogate recovery quality control limits for p-Bromofluorobenzene are 61-139%.
All testing procedures follow California Department of Health Services approved methods.

Lucia Shea 11/10/95
Analyst Date

Cheryl Balmer 11/10/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510216-04	Client Project ID:	122428-02
Matrix:	WATER	Client Sample ID:	200
Date Sampled:	<u>10/17/95</u>	Instrument ID:	HP4
Date Analyzed:	10/25/95	Surrogate Recovery:	127%
Date Released:	11/15/95	Concentration Units:	ug/L

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	1	0.50	ND
Toluene	1	0.50	0.7
Ethylbenzene	1	0.50	ND
Total Xylenes	1	0.50	1.0
Gasoline	1	50	ND

ND: Not detected at or above the reporting limit for the method.

TPHg: TPHg as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030.

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 61-139%.

All testing procedures follow California Department of Health Services approved methods.

Analyst Sayed Syed Date 11/15/95

Supervisor Charles Balmer Date 11/15/95

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix ID:	9510216-05	Client Project ID:	122428-02
Matrix:	WATER	Client Sample ID:	201
Date Sampled:	10/17/95	Instrument ID:	HP4
Date Analyzed:	10/26/95	Surrogate Recovery:	119%
Date Released:	11/15/95	Concentration Units:	ug/L

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	100	50	120
Toluene	100	50	570
Ethylbenzene	100	50	250
Total Xylenes	100	50	1300
Gasoline	100	5000	7400

ND: Not detected at or above the reporting limit for the method.

TPHg: TPHg as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030.

BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.

Surrogate recovery quality control limits for p-Bromofluorobenzene are 61-139%.

All testing procedures follow California Department of Health Services approved methods.

Analyst *Sayed Syed* 11/15/95
Date

Supervisor *Cheryl Beaman* 11/15/95
Date

TOTAL PETROLEUM HYDROCARBONS AS BTEX
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix ID:	9510216-06	Client Project ID:	122428-02
Matrix:	WATER	Client Sample ID:	TBLNK
Date Sampled:	10/17/95	Instrument ID:	HP4
Date Analyzed:	10/25/95	Surrogate Recovery:	114%
Date Released:	11/15/95	Concentration Units:	ug/L

<u>COMPOUND</u>	<u>Dilution</u> <u>Factor</u>	<u>Reporting</u> <u>Limit</u>	<u>Amount</u> <u>Found</u>
Benzene	1	0.50	ND
Toluene	1	0.50	ND
Ethylbenzene	1	0.50	ND
Total Xylenes	1	0.50	ND

ND: Not detected at or above the reporting limit for the method.
TPHg: TPHg as gasoline is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030.
BTEX: BTEX as Benzene, Toluene, Ethylbenzene, and Total Xylenes is determined by GC/PID (modified EPA Method 8020) following sample purge and trap by EPA Method 5030.
Surrogate recovery quality control limits for p-Bromofluorobenzene are 61-139%.
All testing procedures follow California Department of Health Services approved methods.

Analyst *Soyel Syed* 11/15/95
Date

Supervisor *Cheryl Beckman* 11/15/95
Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510216	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/15/95
Date Extracted:	10/20/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-01	MW-1	10/17/95	10/21/95	1	50	590	99%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

Doyle 11/15/95
Analyst Date

Cheryl Balmer 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL

INCHCAPE TESTING SERVICES - ANAMETRIX

(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder: 9510216 Client Project ID: 122428-02
Matrix: WATER Date Released: 11/15/95
Date Extracted: 10/20/95 Concentration Units: ug/L
Instrument ID: HP9

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-01	MW-1	10/17/95	10/21/95	1	100	ND	99%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

 DCSki 11/15/95
Analyst Date

 Cheryl Beaman 11/15/95
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192**

DATA SUMMARY FORM

Anamatrix Workorder:	9510216	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/15/95
Date Extracted:	10/20/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-02	MW-2	10/17/95	10/20/95	1	50	65	101%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

Analyst Date

Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510216	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/15/95
Date Extracted:	10/20/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-02	MW-2	10/17/95	10/20/95	1	100	ND	101%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

J. Ochi 11/15/95
Analyst Date

Cheryl Baumer 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510216	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/15/95
Date Extracted:	10/20/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-03	MW-3	10/17/95	10/21/95	1	50	220	103%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

Doshi 11/15/95
Analyst Date

Cheryl Bulmer 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510216	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/15/95
Date Extracted:	10/20/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-03	MW-3	10/17/95	10/21/95	1	100	ND	103%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

Doshi 11/15/95
Analyst Date

Cheryl Balmer 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
 (408) 432-8192

DATA SUMMARY FORM

Anametric Workorder: 9510119 Client Project ID: 122428-02
 Matrix: WATER Date Released: 11/9/95
 Date Extracted: 10/12/95 Concentration Units: ug/L
 Instrument ID: HP9

<u>Anametric ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-16	200	10/11/95	10/15/95	1	50	ND	97%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

[Signature] 11/10/95
 Analyst Date

Cheryl Balmer 11/9/95
 Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510119	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/9/95
Date Extracted:	10/12/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510119-16	200	10/11/95	10/15/95	1	100	ND	97%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

APL 11/10/95
Analyst Date

Cheryl B. Palmer 11/9/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510216	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/15/95
Date Extracted:	10/20/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-04	200	10/17/95	10/20/95	1	50	ND	84%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

Doshi 11/15/95
Analyst Date

Cheryl Badman 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder:	9510216	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/15/95
Date Extracted:	10/20/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-04	200	10/17/95	10/20/95	1	100	ND	84%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

Joshi 11/15/95
Analyst Date

Cheryl Bealman 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510216	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/15/95
Date Extracted:	10/20/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-05	201	10/17/95	10/21/95	1	50	650	103%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

Desai 11/15/95
Analyst Date

Cheryl Palmer 11/15/95
Supervisor Date

TOTAL PETROLEUM HYDROCARBONS AS MINERAL OIL
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder:	9510216	Client Project ID:	122428-02
Matrix:	WATER	Date Released:	11/15/95
Date Extracted:	10/20/95	Concentration Units:	ug/L
Instrument ID:	HP9		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9510216-05	201	10/17/95	10/21/95	1	100	ND	103%

ND: Not detected at or above the reporting limit for the method.

TPHd: Total Petroleum Hydrocarbons as mineral oil is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3510.

Surrogate recovery quality control limits for o-terphenyl are 67-103%.

All testing procedures follow California Department of Health Services approved methods.

Doshi 11/15/95
Analyst Date

Cheryl Balmer 11/15/95
Supervisor Date

Appendix I - QA/QC Summary Reports - Soil and Groundwater

Quality Control Data Review Summary

Site: Clearprint Site, Emeryville, CA (Project No. 122428-02)
Laboratory: Anamatrix
QA Reviewer: Liz Roman, ESC
Review Date: November 16, 1995
Sample No.: Soil samples: MW-1@8.5, MW-1@11.5, MW-2@8.0, MW-2@16.5, MW-3@6.5, MW-3@11.0, MW-3@18.5, MW-3@24.5, SB-1@6.0, SB-1@11.5, SB-2@5.5, SB-2@10.5, SB-2@14.0, and SB-3@9.0, 201/1011 (duplicate of sample MW-1@11.5)
Water samples: MW-1, MW-2, MW-3, 200/1011 (equipment blank), 200/1017 (equipment blank), 201/1017 (duplicate of MW-1), and TRIPBLANK

Sample

Delivery Groups: 9510216 and 9510119

Analyses: Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA SW-846 Method 8020, and total petroleum hydrocarbon (TPH) gasoline and diesel by modified EPA SW-846 Method 8015. (The TPH-diesel analysis also included mineral oil)

Collection Date: October 10, 11, and 17, 1995

Laboratory QC

Criteria Reviewed: Holding times, laboratory blanks, initial and continuing calibration, surrogate recoveries, matrix spike and matrix spike duplicates, and blank spikes

The data were reviewed according to the EPA document "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (February 1993) and the quality control criteria in the respective EPA methods. The following comments discuss the data quality. The data qualifiers and the qualified analytical results are presented in Tables 1 through 3 of this report.

Comments

1. Due to surrogate recovery problems, the detected and undetected results for the following sample are reported as estimated (J/UJ).

- BTEX and TPH-gasoline in sample SB-1@11.5

The BTEX and TPH-gasoline surrogate, para-bromofluorobenzene, had a recovery of 55 percent and did not meet the 70-130 percent criteria.

2. Soil sample 201/1011 was a field duplicate of soil sample MW-1@11.5. TPH-diesel and mineral oil was not detected in either sample. BTEX and TPH gasoline were detected in both samples. However, it is not practical to compare the results because they were analyzed at different dilution factors. Sample 201/1011 was analyzed at a dilution factor of 1000 while sample MW-1@11.5 was analyzed at a dilution factor of 100. The difference in sample concentrations may be due to the heterogeneous nature of the soil matrix.

Water sample 201/1017 was a duplicate of water sample MW-1. Both samples were analyzed at a dilution factor of 100. Most of the detected analytes had relative percent differences

(RPDs) that were less than 20 percent thereby meeting acceptable criteria. Benzene, however, had an RPD of 29 percent. No qualification of the data is necessary based on field duplicate criteria.

3. Sample 200/1011 was an equipment rinsate sample collected on October 11, 1995. No target analytes were detected in this sample.

Sample 200/1017 was an equipment rinsate sample collected on October 17, 1995. Due to equipment blank contamination, the analytes in the following sample are reported as undetected (U).

- toluene and total xylenes in sample MW-2

Toluene and total xylenes were detected in sample 200/1017 at concentrations of 0.7 µg/l and 1.0 µg/l, respectively. When analytes are detected in samples at concentrations less than 5 times those in the blanks, the analytes are considered undetected.

3. All quality control criteria, other than those discussed above, were met and are considered acceptable. Based upon the QA/QC review of this data package, all results are usable as reported and considered valid.

Table 1

Data Qualifier Definitions

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Table 2
 Water Results for Organic Compounds
 Clearprint Facility, Emeryville, CA
 October 1995 (ug/l) (a)

<u>Analyte</u>	<u>MW-1</u>	<u>MW-2</u>	<u>MW-3</u>	<u>200/1011</u>
TPH-diesel	590	65	220	50 U
TPH-gasoline	8100	50 U	8600	50 U
Mineral oil	100 U	100 U	100 U	100 U
Benzene	160	0.50 U	730	0.50 U
Toluene	710	0.8 U	2100	0.50 U
Ethylbenzene	300	0.50 U	270	0.50 U
Xylenes (total)	1500	0.9 U	1400	0.50 U

<u>Analyte</u>	<u>200/1017</u>	<u>201/1017</u>	<u>TRIPBLANK</u>
TPH-diesel	50 U	650	NA
TPH-gasoline	50 U	7400	NA
Mineral oil	100 U	100 U	NA
Benzene	0.50 U	120	0.50 U
Toluene	0.7	570	0.50 U
Ethylbenzene	0.50 U	250	0.50 U
Xylenes (total)	1.0	1300	0.50 U

a/U = undetected; NA = not analyzed

Table 3
Soil Results for Organic Compounds
Clearprint Facility, Emeryville, CA
October 1995 (mg/kg) (a)

<u>Analyte</u>	<u>MW-1@8.5</u>	<u>MW-1@11.5</u>	<u>MW-2@8.0</u>	<u>MW-2@16.5</u>
TPH-diesel	10 U	10 U	10 U	10 U
TPH-gasoline	46	39	0.5 U	0.5 U
Mineral oil	10 U	10 U	10 U	10 U
Benzene	0.69	0.56	0.005 U	0.005 U
Toluene	0.17	1.6	0.005 U	0.005 U
Ethylbenzene	0.53	0.71	0.005 U	0.005 U
Xylenes (total)	0.79	3.4	0.005 U	0.005 U

<u>Analyte</u>	<u>MW-3@6.5</u>	<u>MW-3@11.0</u>	<u>MW-3@18.5</u>	<u>MW-3@24.5</u>
TPH-diesel	10 U	11	10 U	10 U
TPH-gasoline	1.5	330	0.5 U	0.5 U
Mineral oil	10 U	10 U	10 U	10 U
Benzene	0.068	5.0	0.005 U	0.005 U
Toluene	0.16	16	0.005 U	0.008
Ethylbenzene	0.032	5.2	0.005 U	0.005 U
Xylenes (total)	0.13	29	0.005 U	0.005 U

<u>Analyte</u>	<u>SB-1@6.0</u>	<u>SB-1@11.5</u>	<u>SB-2@5.5</u>	<u>SB-2@10.5</u>
TPH-diesel	10 U	10 U	25	120
TPH-gasoline	0.5 U	2.0 J	330	730
Mineral oil	12	10 U	10 U	20
Benzene	0.005 U	0.006 J	11	9.4
Toluene	0.005 U	0.014 J	5.9	30
Ethylbenzene	0.005 U	0.013 J	6.6	13
Xylenes (total)	0.005 U	0.014 J	35	65

<u>Analyte</u>	<u>SB-2@14.0</u>	<u>SB-3@9.0</u>	<u>201/1011</u>
TPH-diesel	120	24	10 U
TPH-gasoline	1700	0.5 U	220
Mineral oil	21	24	10 U
Benzene	20	0.005 U	4.4
Toluene	72	0.005 U	4.2
Ethylbenzene	35	0.005 U	3.0
Xylenes (total)	180	0.005 U	15

a/U = undetected; UJ = estimated and undetected; J = estimated