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**ATC Project No. 61877.0002**

**SOIL AND GROUNDWATER  
INVESTIGATION  
FOR  
1750 WEBSTER STREET  
OAKLAND, CALIFORNIA**

**Submitted By:**

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**March 19, 1998**

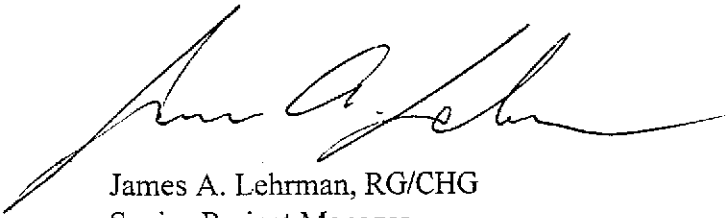
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Bahram Zanganeh-Azam**

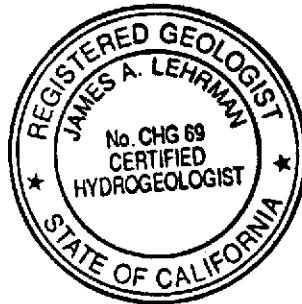
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## CERTIFICATION

This Soil and Groundwater Investigation Report was prepared under the direction of a California Registered Geologist.



James A. Lehrman, RG/CHG  
Senior Project Manager



## TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY .....	1
2.0 SCOPE OF WORK .....	4
3.0 METHODOLOGIES.....	4
3.1 Contaminants of Concern.....	4
3.2 Analytical Laboratory.....	4
3.3 Sampling Protocol.....	4
4.0 FIELD INVESTIGATIONS .....	5
4.1 Site Description.....	5
4.2 Geophysical Survey.....	5
4.3 Soil Borings.....	6
4.4 Soil Sampling.....	7
4.5 Groundwater Sampling.....	7
5.0 LABORATORY ANALYSIS.....	7
5.1 Soil.....	8
5.2 Groundwater.....	8
6.0 DISCUSSION .....	9
7.0 CONCLUSIONS .....	10
8.0 RECOMMENDATIONS.....	11
9.0 LIMITATIONS.....	12
10.0 REFERENCES.....	13

## TABLE OF CONTENTS (CONTINUED)

### TABLES

Table 1	Summary Of Soil Sample Analytical Results
Table 2	Summary Of Groundwater Sample Analytical Results

### FIGURES

Figure 1	Site Vicinity Map
Figure 2	Site Plan
Figure 3	Summary of Concentrations In Soil
Figure 4	Summary of Concentrations In Groundwater

### APPENDIXES

Appendix A	ERIIS Custom Detail Radius Report
Appendix B	Geophysical Survey Report
Appendix C	Soil Boring Logs
Appendix D	Analytical Laboratory Reports

# SOIL AND GROUNDWATER INVESTIGATION

## PRENTISS PROPERTIES LTD. INC.

1750 WEBSTER STREET

OAKLAND, CALIFORNIA

### 1.0 EXECUTIVE SUMMARY

On behalf of Prentiss Properties LTD Inc., ATC Associates Inc. (ATC) has completed a soil and groundwater investigation for the property located at 1750 Webster Street in the City of Oakland, California (Site), (see Figure 1, the Site Vicinity Map). The results of the investigation are presented in this report.

An Environmental Assessment (Phase I) of the 1750 Webster Street Site was prepared by Applied Geosciences, Inc. (1993a). The report described a number of properties in the Site vicinity which have been identified as releasing petroleum hydrocarbons to groundwater. Possible migration of groundwater containing petroleum hydrocarbons to locations beneath the Site was identified as a concern. The existence of on-site underground storage tanks (USTs) was also identified as a concern. A geophysical survey and groundwater investigation were performed at the Site in March 1993 (Applied Geosciences, 1993b). No USTs were identified by the geophysical survey, but the two groundwater samples collected (HP-1 and HP-2) had concentrations of total petroleum hydrocarbons as gasoline (TPH-G), and the gasoline related compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX). In May of 1993, a follow-up investigation was performed which included another geophysical survey, and the collection of soil samples (Applied Geosciences, 1993c). Again, no USTs were identified by the geophysical survey. Four soil borings were drilled to depths of approximately 20 feet below ground surface (bgs), and two samples were analyzed from each boring. No significant concentrations of TPH-G or BTEX were detected in any of the soil samples.

The purpose of the current investigation is to confirm that no USTs exist at the Site, and to determine whether the source of the groundwater contamination is off-site or on-site. This was accomplished by performing a more extensive geophysical survey, installing twelve borings

throughout the Site, and collecting soil and groundwater samples for analysis. The field work was performed on February 7 and 8, 1998. A magnetometer survey indicated four anomalies at the Site which could possibly represent possible USTs. However, due to heavy rains during the geophysical survey, the magnetometer anomalies could not be confirmed with ground penetrating radar (GPR) as planned, until February 17, 1998. Despite the fact that the anomalies could not be confirmed, the soil boring locations were adjusted to locations adjacent to the magnetometer anomalies to test for the presence of petroleum hydrocarbons in the soil. The GPR survey completed on February 17, 1998 did not detect the presence of USTs beneath the site.

The twelve soil borings were advanced using a *Geoprobe*<sup>TM</sup> sampling rig. Two samples were collected from each boring and analyzed for TPH-G, BTEX and methyl tert-butyl ether (MTBE). One groundwater grab sample was also collected from each boring and analyzed for TPH-G, BTEX and MTBE. Groundwater samples from five of the borings were also analyzed for halogenated volatile organic compounds (HVOCs). Groundwater was detected at a depth of approximately 20 feet bgs. None of the soil samples collected from above that depth had detectable concentrations of TPH-G, BTEX or MTBE. All of the groundwater samples did have detectable concentrations of TPH-G, BTEX and MTBE, and three had detectable concentrations of HVOCs.

Based on the results of our investigation as summarized above, it is ATC's conclusion that the source, or sources, of the groundwater contamination at the Site is located off-site, possibly to the south and/or southwest. A number of potential off-site sources were identified in the Environmental Assessment of the Site prepared by Applied Geosciences, Inc. (1993a), including the Douglas Parking site located at 1721 Webster Street, and the former Chevron site located at the southwest corner of 17<sup>th</sup> Street and Harrison. Both of these sites have been identified as sources of groundwater petroleum hydrocarbon contamination, and are located generally up-gradient of the 1750 Webster Street Site. Groundwater samples from the Chevron site also contained concentrations of the same HVOCs detected at the Site. Other potential off-site sources of groundwater contamination may be as-of-yet unidentified.

A Custom Detail Radius Report was run by Environmental Risk Imaging and Information Services (ERIIS) for the Site on March 9, 1998. This report lists sites within specified distances of the subject property which are listed in governmental environmental databases. Forty three sites within one quarter mile of the subject Site were identified in the ERIIS Custom Detail

Radius Report. These sites are plotted on a map centered on the subject property. These sites are potential sources of groundwater contamination. The ERIIS report is included as Appendix A.

## **2.0 SCOPE OF WORK**

The proposed scope of work for the investigation of potential contaminants in the soil and groundwater beneath the Site consisted of: a geophysical survey of the Site, selection of ten (10) on-site sampling locations, clearance of these locations for the presence of underground utilities, advancing soil borings by utilizing a *Geoprobe*<sup>TM</sup> sampling rig, collecting soil and groundwater samples, analytical testing, data analyses, and the preparation of a report containing a summary of generated data, a statement of findings, conclusions, and recommendations. The work was performed in accordance with the Work Plan prepared by ATC Associates Inc. dated March 20, 1997, as modified in accordance with comments received from the Alameda County Health Care Services (ACHCS) in their letter dated February 4, 1998. Two additional sampling locations were added during the investigation to check anomalies identified during the geophysical survey.

## **3.0 METHODOLOGIES**

### **3.1 Contaminants of Concern**

This investigation was primarily concerned with presence of petroleum hydrocarbons and HVOCs beneath the Site. Accordingly, selected samples were tested for: TPH-G using Environmental Protection Agency (EPA) Method 8015M, BTEX and MTBE using EPA Method 8020, and HVOCs using EPA Method 8010.

### **3.2 Analytical Laboratory**

ATC utilized the laboratory services of Curtis & Tompkins, Ltd., Analytical Laboratories (C&T), of Berkeley, California for this project. C&T is certified in California by the Department of Health Services under the Environmental Laboratory Accreditation Program (ELAP), and its Certification Number is 1459. All samples were analyzed on a 24 to 48 hour turn-around time.

### **3.3 Sampling Protocol**

The purpose of the investigation was to confirm that no USTs exist at the Site, and to determine whether the source of the previously identified groundwater contamination is off-site or on-site. The selection of the soil boring locations was based on this goal, and on obtaining representative soil and groundwater samples from beneath the Site.



The sampling protocol and methodology were based on guidance from the following:

- *Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, California Regional Water Quality Control Board, San Francisco Bay Region, August 10, 1991.*
- *Test Methods for evaluating Solid Waste, SW-846, Office of Solid Waste and Emergency Response, U.S. Environmental Protection Agency.*
- *ATC's Drilling, Sealing, and Sampling Protocol.*

#### **4.0 FIELD INVESTIGATIONS**

##### **4.1 Site Description**

The Site consists of a parking lot, located on the east side of Webster Street, in Oakland, California. The Site is paved with asphalt, and there are no structures currently on the Site. According to the Phase I report (Applied Geosciences, Inc., 1993a), the Site was occupied by residential structures in the early 20<sup>th</sup> century, but has been used as a parking lot since as early as 1947. The Site is bounded on the west by Webster Street, and on the south by an apartment building. North and east of the Site are parking lots (see Figure 1).

##### **4.2 Geophysical Survey**

A geophysical survey of the Site was performed by NORCAL Geophysical Consultants Inc. of Petaluma, California. NORCAL performed a electromagnetic line locating (EMLL) survey, and a vertical magnetic gradient (VMG) survey of the Site, and the adjacent parcel to the northeast, on February 7, 1998. The EMLL survey detected an undifferentiated utility along the west boundary of the Site, but no other metal utilities or isolated metal objects were detected. Four VMG anomalies were identified at the Site, but due to heavy rains and puddles on the ground surface, these anomalies could not be immediately confirmed by ground penetrating radar (GPR), as planned.

NORCAL returned to the Site on February 17, 1998 to run GRP over the anomalies, and to investigate areas not accessible by the VMG survey. The GPR data over the VMG anomalies did not indicate the presence of a vault or UST within the upper two to four feet bgs. The GPR survey did identify an area of disturbed soil measuring approximately 5 by 10 feet in the southern portion of the Site. NORCAL concluded that this area may represent the location of a former excavation, but that the GPR data did not indicate the presence of a vault or UST within the upper two to four feet bgs. NORCAL's report, including geophysical survey maps, is included as Appendix B.

NORCAL's report also covers geophysical surveys of the adjacent parcel to the northeast of the Site. Five undifferentiated utilities alignments were identified at this parcel, along with three EMLL anomalies, and one GPR anomaly. The EMLL anomalies are probably due to isolated buried metal objects. The GPR anomaly did not correspond with any of the EMLL anomalies. The GPR data did not indicate the presence of a vault or UST within the upper two to four feet bgs. Details on the survey results for this parcel are included in NORCAL's report (Appendix B).

#### **4.3 Soil Borings**

ATC visited the Site on February 5, 1998, to mark the soil boring locations, and to notify the Underground Services Alert (USA) of the proposed drilling activities to ensure that no utility lines were located within the immediate vicinity of the borings. Prior to the initiation of drilling activities, NORCAL provided a subsurface survey of utility lines and/or other buried objects in and around the borehole locations.

ATC retained the services of V&W Drilling, Inc. of Rio Vista, California for advancing the boreholes. The field investigation was performed on February 7 and 8, 1998. The work was performed on a weekend so that the Site could be closed to parking, and access by the drill rig and geophysical survey crew would be unimpaired.

A total of twelve (12) borings were advanced to depths of 25 feet to 26 feet below ground surface (bgs). The soil boring locations were adjusted, and two additional borings were added to the drilling program (for a total of twelve) based on the results of the magnetometer survey. Figure 2 shows the locations of the borings. Each boring was terminated at a depth sufficient to collect a groundwater sample. All borings were backfilled to the surface with neat cement slurry after sampling was completed. Borings were logged in the field by an ATC geologist under the

supervision of a California Registered Geologist. Soil conditions encountered in the borings are detailed in the boring logs included in Appendix C.

#### **4.4 Soil Sampling**

Soil cores were obtained by pushing a *Geoprobe*<sup>TM</sup> sampler with 3-foot long acrylic liners into the subsurface. Due to poor weather conditions, and limited sampling time, only six of the borings were cored continuously; the other six borings were sampled at five foot intervals. Upon retrieval of the 3-foot long acrylic liner from the borehole, the sample was screened using a photoionization detector (PID). Based on the PID readings, a 6-inch section of the liner was cut out at the selected sampling depth for submittal to the analytical laboratory. Where no PID readings were available, soil samples were collected at a depth of approximately 10 feet bgs, and just above the groundwater table. The ends of the 6-inch tubes containing the soil to be tested were covered with aluminum foil or teflon, and capped with plastic end-caps. The tubes were then labeled and placed in an iced cooler for transportation to the laboratory.

#### **4.5 Groundwater Sampling**

Groundwater was encountered at approximately 19 to 21 feet bgs in the borings. Each boring was advanced deeper to allow for sufficient water to be collected inside of the sampler. Groundwater samples were collected from each boring by installing a temporary well with four feet of stainless steel screen, and bailing a grab sample through the temporary casing. The groundwater samples were carefully poured into six (6) vials containing HCL as preservative. The groundwater samples were labeled, stored on ice, and shipped along with the soil samples, to the laboratory under proper chain of custody for chemical analyses.

### **5.0 LABORATORY ANALYSES**

Two soil samples were collected for laboratory analyses from each of the twelve (12) soil borings. The samples were sealed and stored in an ice-filled cooler. A total of twelve (12) groundwater samples (one groundwater sample from each boring) were collected, properly labeled, and stored in an ice-filled cooler. All samples were transported on Sunday, February 8, 1998, with chain-of-custody documentation to the analytical laboratory.

## 5.1 Soil

The soil samples submitted to the analytical laboratory were analyzed for the presence of TPH-G by EPA Method 8015M, BTEX and MTBE by EPA Method 8020. Laboratory analytical results indicated that none of the chemicals tested for in the soil samples collected above a depth of 20 feet bgs were detected above the laboratory detection limits, with the minor exception of sample G-2-10FT. This sample was reported to have concentrations below the detection limits for all chemicals analyzed for with the exception of total xylenes. Total xylenes were detected in sample G-2-10FT at 6.5 mg/kg, which is just above the detection limit of 5 mg/kg. This low concentration of total xylenes may be attributable to laboratory contamination. The soil samples collected from below 20 feet bgs, the approximate depth of groundwater, did have detectable concentrations of TPH-G and BTEX, as would be expected when groundwater is impacted. Table 1 summarizes the results of the soil chemical analyses, and Figure 3 also presents a summary of the soil analytical results. Appendix D contains a copy of the original laboratory analytical reports and the Chain-of-Custody Records.

## 5.2 Groundwater

On February 7 and 8, 1998, ATC submitted the groundwater grab samples collected from each of the twelve borings at the Site for analyses. Each of the water samples was analyzed for TPH-G, BTEX and MTBE. Five select groundwater samples were also analyzed for HVOCs.

The laboratory analyses of groundwater detected the presence of TPH-G and BTEX in all of the borings. MTBE was detected in the groundwater samples from all of the borings with the exception of boring G-9. Tetrachloroethylene (PCE) was detected in the groundwater samples from G-3, G-4, and G-5 at a concentrations ranging from 1.0 ppb to 1.2 ppb. Trichloroethylene (TCE) was detected in the groundwater samples from G-3, G-4, and G-5 at concentrations ranging from 4.2 ppb to 13 ppb. Cis-1,2-Dichloroethylene (Cis-1,2-DCE) was detected in the groundwater samples from G-5 at concentration of 8.2 ppb. The concentrations of the HVOCs (PCE, TCE and Cis-1,2-DEC) are relatively minor compared to the concentration of the TPH-G, BTEX, and MTBE. Table 2 summarizes the results of groundwater chemical analyses; Figure 4 also presents a summary of the groundwater analytical results. Appendix D contains copies of the original laboratory analytical reports and the Chain-of-Custody Records.

## 6.0 DISCUSSION

During the advancement of the boreholes, the soil strata beneath the Site was noted to generally consist of primarily silt and clay in the first 10 to 15 feet bgs, overlying a sandy zone to 19 to 21 feet bgs, overlying a clay to clayey sand zone from 19 to 25 feet bgs, overlying a sandy zone in most of the borings at the total depth. Groundwater was encountered at approximately 19 to 21 feet bgs in the borings. The boring logs are included as Appendix C. The groundwater flow direction in the site vicinity is towards north-northeast, based on reports prepared for the Douglas Parking site just across Webster Street to the west (Cambria, 1996).

Soil samples were collected for chemical analysis from all twelve borings at depths between 10 and 24 feet bgs. The soil samples collected from above 20 feet bgs did not contain any significant concentrations of TPH-G, BTEX, or MTBE. The only constituent detected in a soil sample above 20 feet bgs was total xylenes, which were detected at 6.5 mg/kg in boring G-2 at a depth of 10 feet bgs. This concentration is just above the detection limit of 5 mg/kg, is not considered significant, and may be attributable to laboratory contamination. Because the shallow soil samples collected at the Site (above 20 feet bgs) had no significant concentrations of TPH-G, BTEX, or MTBE, there is no evidence of a surface spill at the Site.

All of the groundwater samples did have detectable concentrations of TPH-G, BTEX, all but one had detectable concentrations of MTBE, and three had detectable concentrations of HVOCs. The concentrations of the HVOCs (PCE, TCE and Cis-1,2-DCE) are relatively minor compared to the concentration of the TPH-G, BTEX, and MTBE.

The presence of MTBE in the contaminant plume may serve as an indication of the plume's age. MTBE has been used as a gasoline additive only since 1979, and has only been included as a significant percentage of gasoline in California since the late 1980's.

## 7.0 CONCLUSIONS

The shallow soil samples collected at the Site (above 20 feet bgs) during this investigation and previous investigations had no significant concentrations of TPH-G, BTEX, or MTBE. Based on this evidence, it is unlikely that a release causing the known groundwater contamination occurred at the Site.

In general, potentially hazardous materials released from facilities located up-gradient from the Site, or immediately adjacent to the Site, are judged to have a reasonable potential for migrating to the Site. This judgment is based on the fact that contaminants generally do not migrate very long distances laterally within the soil, but rather tend to migrate with groundwater in the general direction of groundwater flow. Based on the results of our investigation as detailed above, it appears that the source, or sources, of the groundwater contamination at the Site is located off-site, possibly to the south and/or southwest. Local variations in the groundwater gradient, such as those caused by local de-watering, and/or variations in the subsurface stratigraphy may influence the contaminant plume migration pathways, therefore, a definitive statement on the off-site source location can not be made at this time.

Based on the concentrations of MTBE in the plume, the source, or one of the sources of the contamination is probably a gasoline UST which was active until 1979 or later.

A number of potential off-site sources were identified in the Environmental Assessment of the Site prepared by Applied Geosciences, Inc. (1993a), including the Douglas Parking site located at 1721 Webster Street, and the former Chevron site located at the southwest corner of 17<sup>th</sup> Street and Harrison. Both of these sites have been identified as sources of groundwater petroleum hydrocarbon contamination, and are located up-gradient of the 1750 Webster Street site. Groundwater samples from the Chevron site also contained concentrations of the same HVOCs which were detected in three of the groundwater samples from the Site. Other potential off-site sources of groundwater contamination may be as-of-yet unidentified.

An ERIIS Custom Detail Radius Report was run for the Site on March 9, 1998. This report lists sites within specified distances of the subject property which are listed in governmental environmental databases. Forty three sites within one quarter mile of the subject Site were identified in the ERIIS Custom Detail Radius Report. These sites are plotted on a map centered on the subject property. These sites are potential sources of groundwater contamination. The ERIIS report is included as Appendix A.

## 8.0 RECOMMENDATIONS

We recommend the installation of three groundwater monitoring wells at the Site to verify the groundwater gradient, and to monitor the contaminant plume. These actions will serve to confirm that the source of the groundwater contamination is from an off-site source. A minimum of three wells are necessary to determine the groundwater gradient. We recommend that one of these wells be placed at the southern, upgradient border of the Site (south of G-12), one well be placed at the northern, downgradient border of the Site (north of G-9), and one well be placed in the southwest corner of the Site (next to G-3).

## 9.0 LIMITATIONS

Our professional services have been performed, our findings obtained, and our conclusions and recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This statement is in lieu of other statements either expressed or implied. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

This report is intended for the sole use of our Client. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

Environmental evaluations are limited in the sense that conclusions and recommendations are developed from personal interviews and information obtained from limited research and secondary sources. Except as set forth in this report, ATC has made no independent investigations as to the accuracy or completeness of the information derived from the secondary sources and personal interviews, and has assumed that such information was accurate and complete.

Our conclusions regarding the potential environmental impact of nearby, off-site facilities are based on readily available information from the environmental databases and the assumed groundwater flow direction. A detailed file review of each off-site facility and a determination of actual groundwater conditions were beyond the scope of work for this report.

Soil deposits may vary in type, strength, permeability, and many other important properties between points of observation and exploration. Additionally, changes can occur in groundwater and soil moisture conditions due to seasonal variations, or for other reasons. Furthermore, the distribution of chemical concentrations in the soil and groundwater can vary spatially and over time. The chemical analysis results presented herein are illustrative of only the sampling locations at the time of sampling. Therefore, it must be recognized that ATC does not and cannot have complete knowledge of the subsurface conditions underlying the subject Site. The opinions presented are based upon the findings at the points of exploration and upon interpretation of the data, including interpolation and extrapolation of information obtained at points of observation.



## 10.0 REFERENCES

Alameda County Health Care Services Agency, 1998, Letter regarding: Work Plan for Subsurface Investigation, 1750 Webster Street, Oakland, California, February 4.

Applied Geosciences, Inc., 1993a, Environmental Assessment For Three Parcels Located In Oakland, California, Prepared for Terracorp Properties Inc., January 6.

Applied Geosciences, Inc., 1993b, Results of Geophysical Survey And Groundwater Investigation At Three Parcels Located On The Block Bounded By 19<sup>th</sup> Street, Harrison Street, 17<sup>th</sup> Street, And Webster Street, Oakland, California, Prepared for Prentiss Properties, April 1.

Applied Geosciences, Inc., 1993c, Results of Geophysical Survey And Subsurface Investigation At A Parcel Located On The East Side Of Webster Street Between 19<sup>th</sup> Street And 17<sup>th</sup> Street, Oakland, California, Prepared for Prentiss Properties, June 1.

ATC Associates Inc., 1997, Work Plan To Conduct Additional Subsurface Investigation At The Auto Parking Parcel Located On The East Side Of Webster Street Between 19<sup>th</sup> Street And 17<sup>th</sup> Street, Oakland, California, Prepared for Prentiss Properties, March 20.

Cambria Environmental Technology, Inc., 1996, Subsurface Investigation Report, 1721 Webster Street, Oakland, CA, prepared for Douglas Parking Company, July.

TABLE 1

**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**  
**PRENTISS PROPERTIES LTD. INC.**  
**1750 WEBSTER STREET SITE**  
**OAKLAND, CA 94612**

Sample ID	Date Sampled	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)
G-1-10FT	02/07/98	<1	<5	<5	<5	<5	<20
G-1-24FT	02/07/98	200	250	310	1,700	1830	1,000
G-2-10FT	02/07/98	<1	<5	<5	<5	6.5	<20
G-2-22-FT	02/07/98	4	6.6	8.7	87	82	27
G-3-10FT	02/07/98	<1	<5	<5	<5	<5	<20
G-3-16FT	02/07/98	<1	<5	<5	<5	<5	<20
G-4-12FT	02/07/98	<1	<5	<5	<5	<5	<20
G-4-22FT	02/07/98	17	<5	20	110	304	<20
G-5-11FT	02/07/98	<1	<5	<5	<5	<5	<20
G-5-21FT	02/07/98	<1	<5	8.2	<5	<5	<20
G-6-10FT	02/08/98	<1	<5	<5	<5	<5	<20
G-6-15FT	02/08/98	<1	<5	<5	<5	<5	<20
G-7-15FT	02/08/98	<1	<5	<5	<5	<5	<20
G-7-19FT	02/08/98	<1	<5	<5	<5	<5	<20
G-8-12FT	02/08/98	<1	<5	<5	<5	<5	<20
G-8-16FT	02/08/98	<1	<5	<5	<5	<5	<20
G-9-11FT	02/08/98	<1	<5	<5	<5	<5	<20
G-9-16FT	02/08/98	<1	<5	<5	<5	<5	<20
G-10-10FT	02/08/98	<1	<5	<5	<5	<5	<20
G-10-17FT	02/08/98	<1	<5	<5	<5	<5	<20
G-11-11FT	02/08/98	<1	<5	<5	<5	<5	<20
G-11-16FT	02/08/98	<1	<5	<5	<5	<5	<20
G-12-11-FT	02/08/98	<1	<5	<5	<5	<5	<20
G-12-16FT	02/08/98	<1	<5	<5	<5	<5	<20

## Notes:

TPH-G denotes total petroleum hydrocarbons as gasoline

MTBE denotes methyl-tert-butyl ether

Cis-1,2-DCE denotes Cis-1,2-dichloroethylene

TCE denotes Trichloroethylene

PCE denotes Tetrachloroethylene

mg/kg denotes milligrams per kilogram (ppm)

ND 1.0 denotes not detected at or above practical quantitation limit of 1.0 ug/l for the method

For detection limits listed as ND, refer to laboratory reports

TABLE 2

**SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS**  
**PRENTISS PROPERTIES LTD. INC.**  
**1750 WEBSTER STREET SITE**  
**OAKLAND, CA 94612**

Sample ID	Date Sampled	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Total Xylenes (ug/l)	MTBE (ug/l)	Detected HVOCs (EPA 8010)		
								Cis-1,2-DCE (ug/l)	TCE (ug/l)	PCE (ug/l)
G-1	02/07/98	700	4.1	9	140	63	50	NR	NR	NR
G-2	02/07/98	7,300	69	870	660	1,350	510	NR	NR	NR
G-3	02/07/98	20,000	210	1,300	1,300	3,120	560	ND 1.0	13	12
G-4	02/07/98	36,000	1,900	3,100	1,400	4,700	620	ND 1.0	11	11
G-5	02/07/98	32,000	6,500	9,600	1,100	5,000	390	8.2	4.2	1.0
G-6	02/08/98	760,000	340	730	5,800	13,400	2,000	NR	NR	NR
G-7	02/08/98	46,000	1,600	670	2,700	7,600	1,100	NR	NR	NR
G-8	02/08/98	51,000	10,000	7,200	2,300	9,900	930	NR	NR	NR
G-9	02/08/98	19,000	7,200	7,900	490	2,370	<200	NR	NR	NR
G-10	02/08/98	280,000	7,700	29,000	3,600	17,500	2,900	NR	NR	NR
G-11	02/08/98	17,000	6,000	4,600	740	2,760	420	ND 4.0	ND 4.0	ND 4.0
G-12	02/08/98	78,000	7,800	8,500	2,200	9,200	1,300	ND 10	ND 10	ND 10

MCL=6      MCL=5      MCL=5

## Notes:

TPH-G denotes total petroleum hydrocarbons as gasoline

MTBE denotes methyl-tert-butyl ether

Cis-1,2-DCE denotes Cis-1,2-dichloroethylene

TCE denotes Trichloroethylene

PCE denotes Tetrachloroethylene

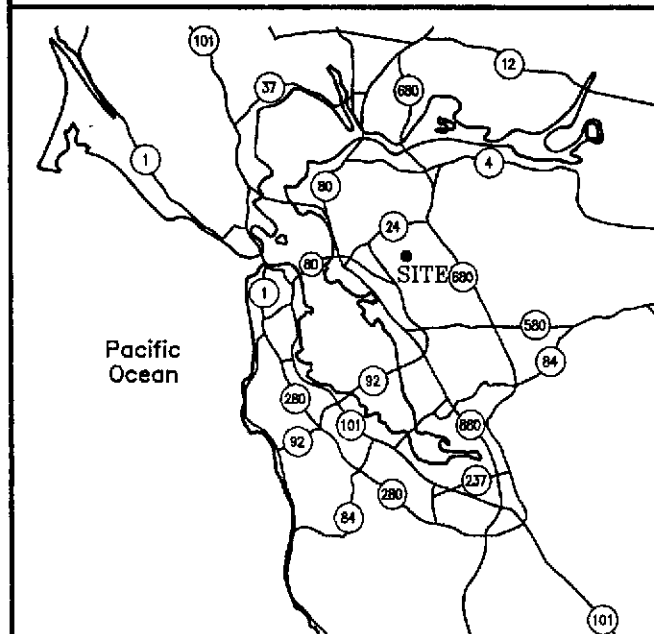
ug/l denotes micrograms per liter

ND 1.0 denotes not detected at or above practical quantitation limit of 1.0 ug/l for the method

NR indicates analysis not requested

For detection limits listed as ND, refer to laboratory reports

HVOCs  
DCE + TCE  
> MCLs in  
some analyses



Notes:

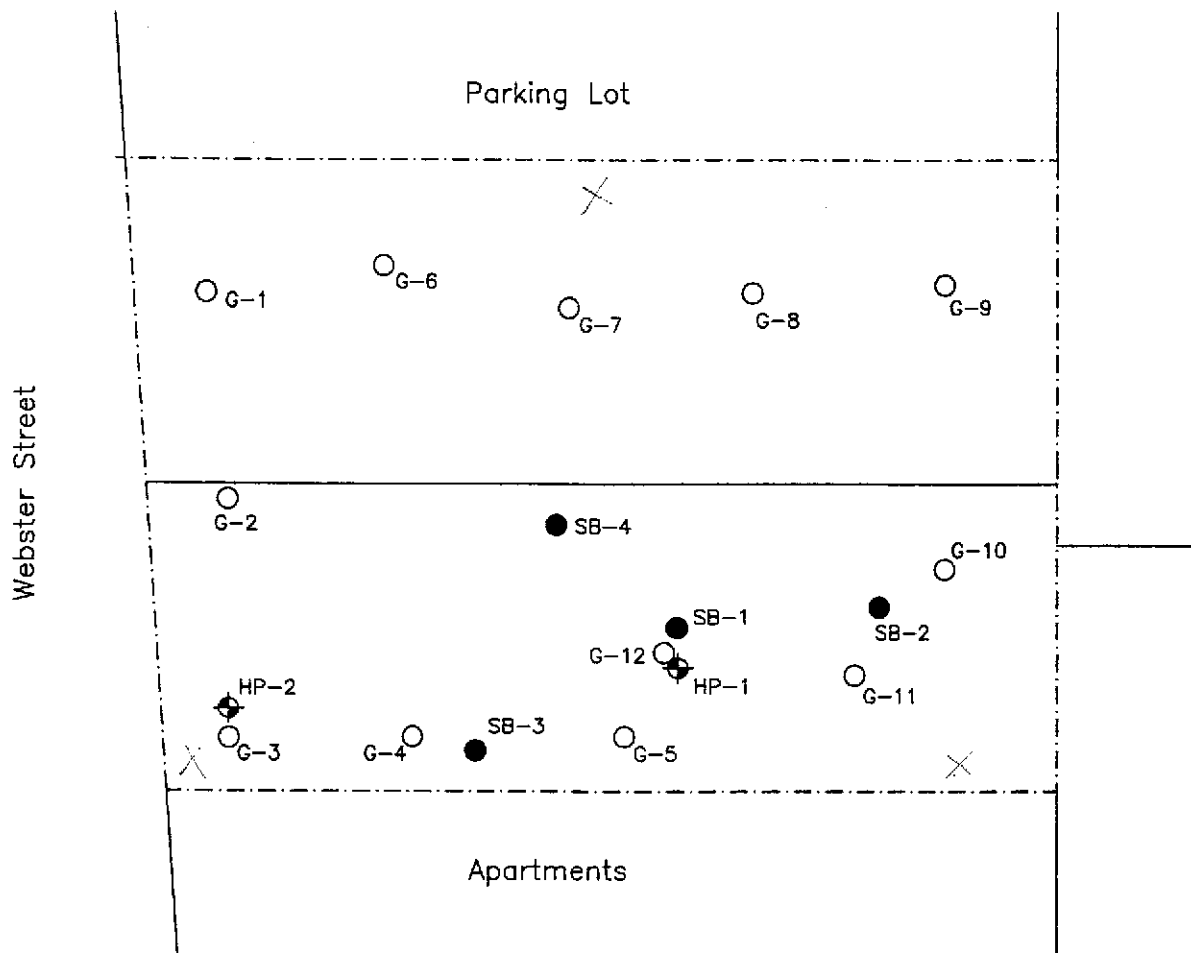
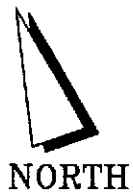
- 1) All locations and dimensions are approximate.
- 2) Base map from City Of Oakland, Office of Planning & Building Dept. date of photography 3-31-94.

APPROXIMATE SCALE: 1" = 200'




**ATC ASSOCIATES INC.**  
Environmental, Geotechnical and Materials Professionals

SITE VICINITY MAP  
1750 WEBSTER STREET  
OAKLAND, CALIFORNIA

PROJECT NO. 61877.0001      FIGURE 1

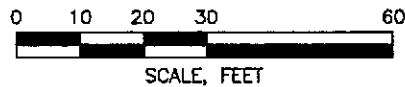


EXPLANATION

-  GeoProbe soil and groundwater sampling location (2-7 & 2-8-98)
-  HP-1 Previous Hydropunch Location and Designation
-  SB-1 Previous Soil Boring Location and Designation

NOTES

- 1) All locations and dimensions are approximate.

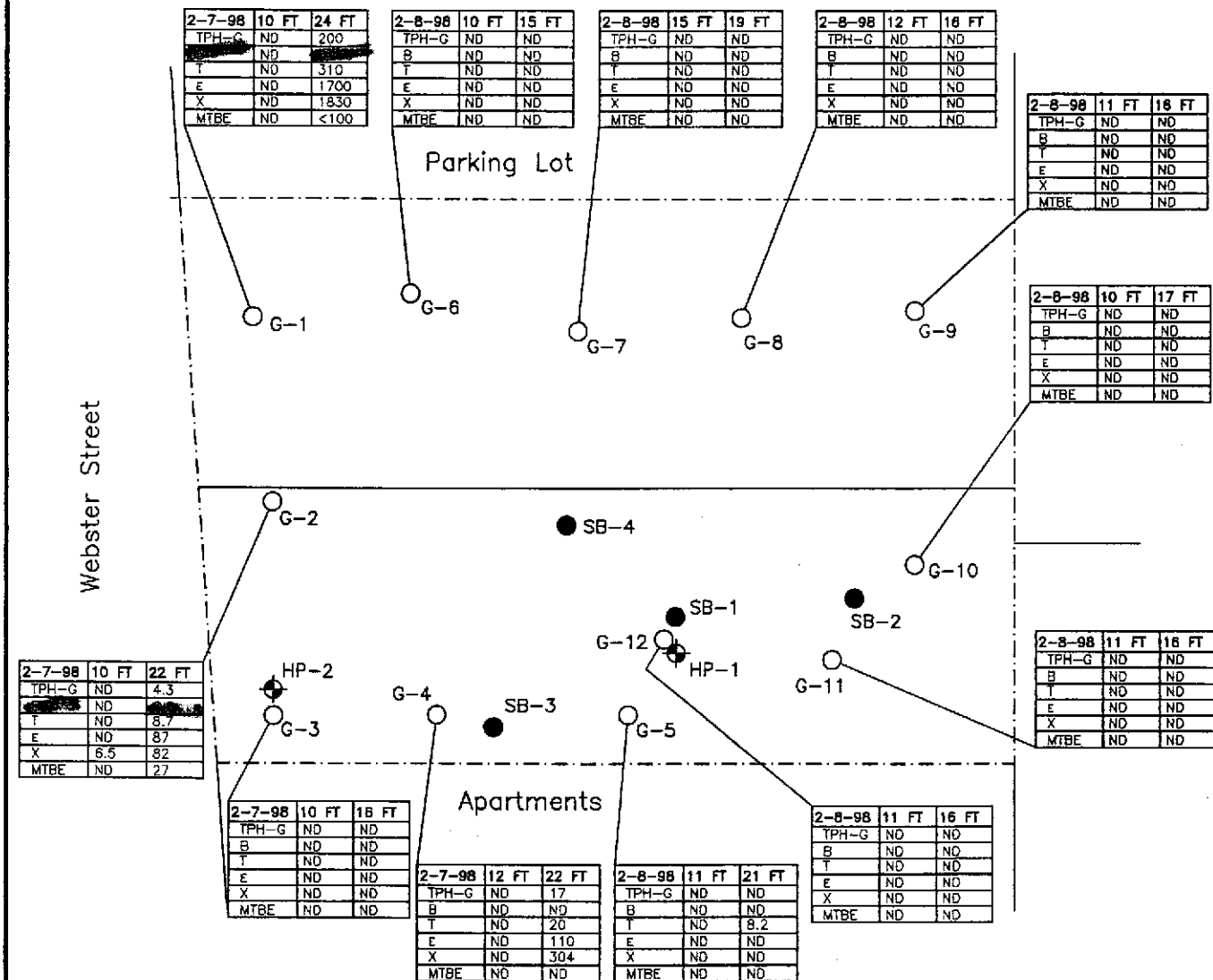
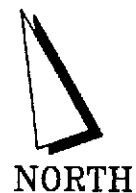


**VATC** ASSOCIATES INC.  
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS

SITE PLAN  
1750 WEBSTER STREET  
OAKLAND, CALIFORNIA

PROJECT NO. 61877.0001

FIGURE 2

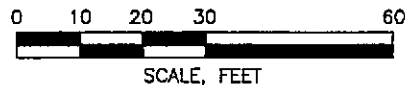


**EXPLANATION**

- GeoProbe soil and groundwater sampling location (2-7 & 2-8-98)
- B Benzene
- T Toluene
- E Ethyl-Benzene
- X Total Xylenes
- ⊕ HP-1 Previous Hydropunch Location and Designation
- SB-1 Previous Soil Boring Location and Designation

**NOTES**

- 1) All locations and dimensions are approximate.
- 2) Concentrations in mg/kg (ppm).

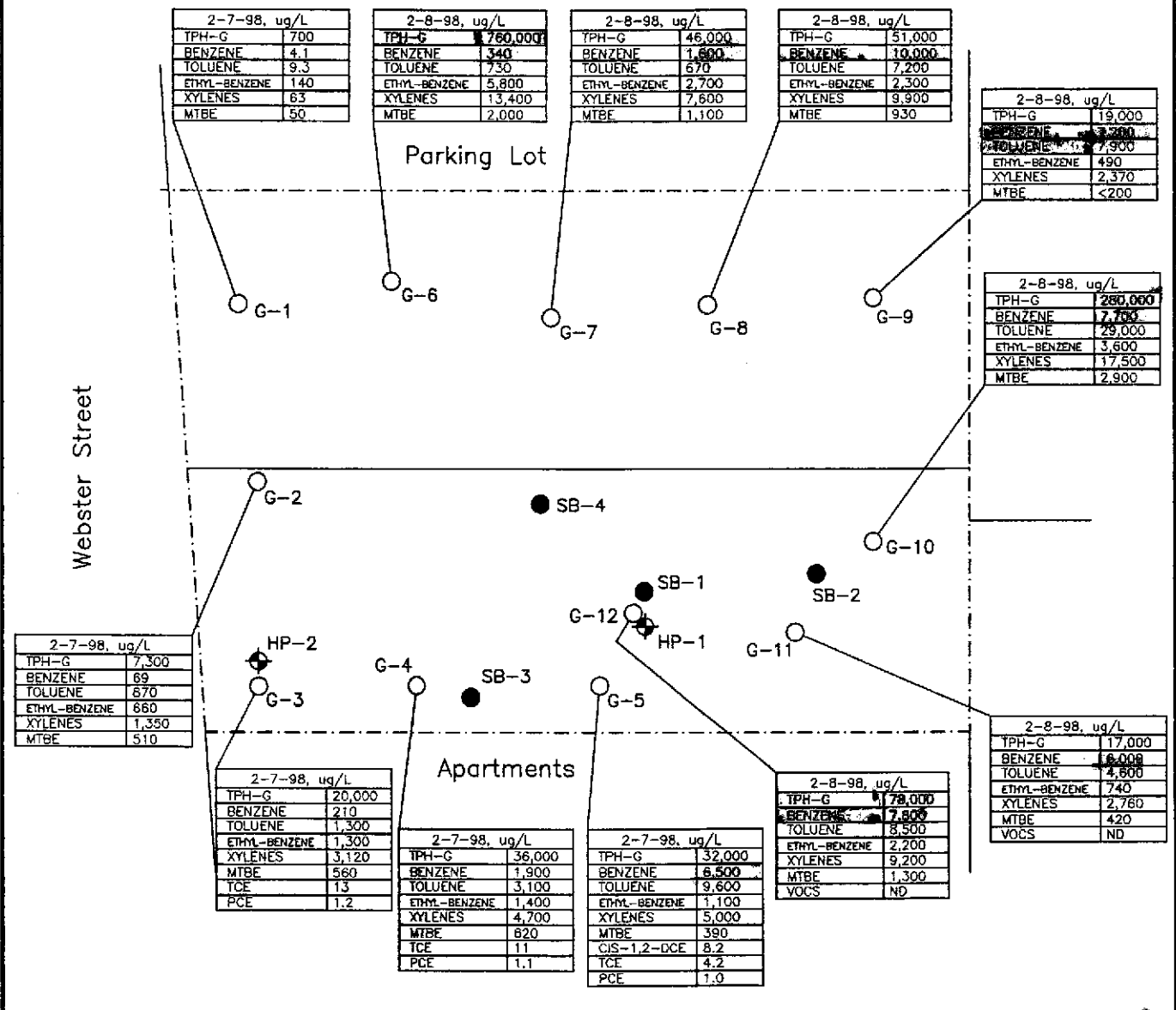


**VATC ASSOCIATES INC.**  
 ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS

**SUMMARY OF CONCENTRATIONS  
 IN SOIL  
 1750 WEBSTER STREET  
 OAKLAND, CALIFORNIA**

PROJECT NO. 61877.0001

FIGURE 3

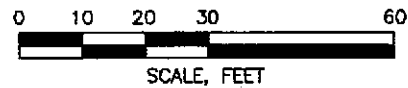


**EXPLANATION**

- GeoProbe soil and groundwater sampling location (2-7 & 2-8-98)
- ◆ HP-1 Previous Hydropunch Location and Designation
- SB-1 Previous Soil Boring Location and Designation

**NOTES**

1) All locations and dimensions are approximate.



**VATC ASSOCIATES INC.**  
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS

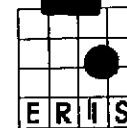
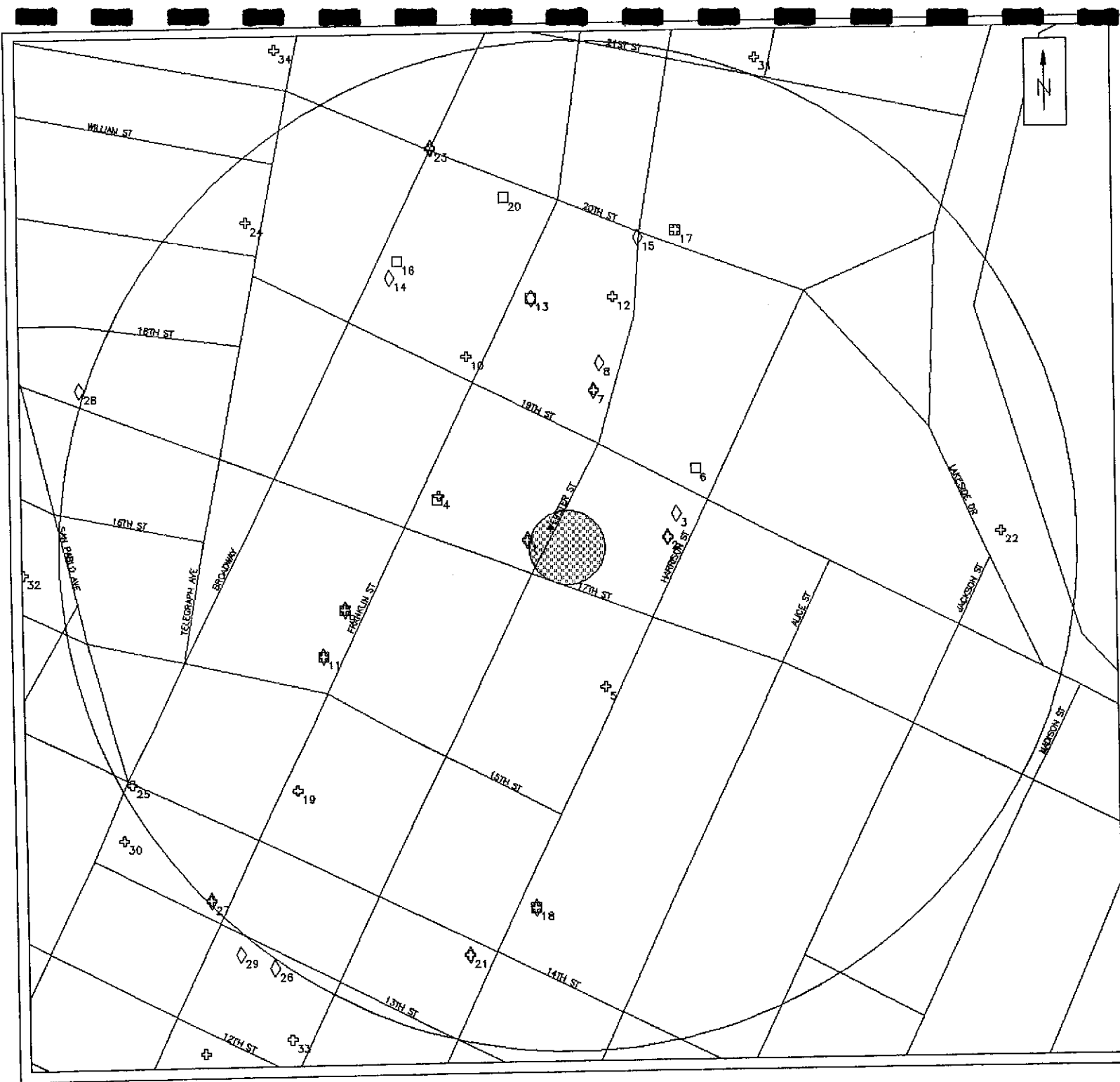
**SUMMARY OF CONCENTRATIONS  
IN GROUNDWATER  
1750 WEBSTER STREET  
OAKLAND, CALIFORNIA**

PROJECT NO. 61877.0001

FIGURE 4

**APPENDIX A**  
**ERRIS CUSTOM DETAIL RADIUS REPORT**





505 Huntmar Park Dr, Suite 200  
 Hemdon, VA 20170  
 (703)834-0600 (800)989-0402  
 FAX: (703)834-0606

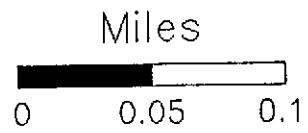
### SITE INFORMATION

Prentiss Properties  
 1750 Webster Street  
 Oakland, CA  
 Alameda County  
 Job Number: 230411A  
 Map Plotted: Mar 9, 1998

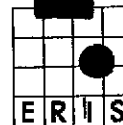
### MAP LEGEND

- Target Area
- Radii .25, .5, 1 Mi
- Hydrography
- Railroads
- Roads
- Highways
- NPL 0 Sites
- RCRIS\_TS 0 Sites
- RCRIS\_CA 1 Site
- CERCLIS 0 Sites
- NFRAP 0 Sites
- RCRIS\_LG 1 Site
- RCRIS\_SG 9 Sites
- ERNS 0 Sites
- HWS 7 Sites
- LRST 54 Sites
- SWF 2 Sites
- RST 14 Sites
- SWAT 0 Sites
- SPILLS 8 Sites

\*Legend is not adjusted for 1/4 mile view.



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505 Huntmar Park Dr, Suite 200  
 Herndon, VA 20170  
 (703)834-0600 (800)989-0402  
 FAX: (703)834-0606

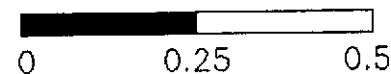
## SITE INFORMATION

Prentiss Properties  
 1750 Webster Street  
 Oakland, CA  
 Alameda County  
 Job Number: 230411A  
 Map Plotted: Mar 9, 1998

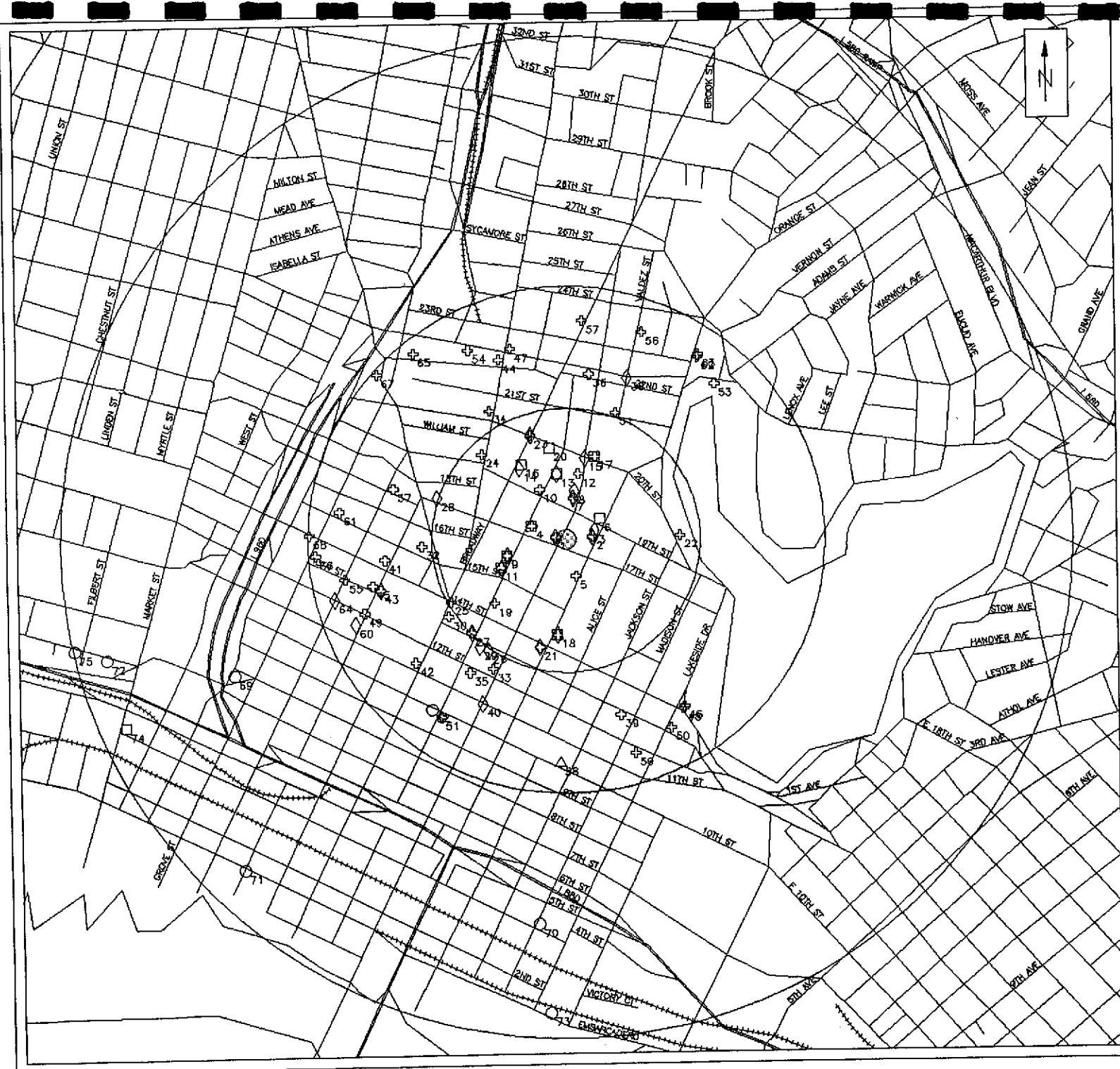
## MAP LEGEND

- Target Area
- Radii .25, .5, 1 Mi
- Hydrography
- Railroads
- Roads
- Highways
- NPL 0 Sites
- RCRIS\_TS 0 Sites
- RCRIS\_CA 1 Site
- CERCLIS 0 Sites
- NFRAP 0 Sites
- RCRIS\_LG 1 Site
- RCRIS\_SG 9 Sites
- ERNS 0 Sites
- HWS 7 Sites
- LRST 54 Sites
- SWF 2 Sites
- RST 14 Sites
- SWAT 0 Sites
- SPILLS 8 Sites

Miles



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 Copyright 1997 ERIIS, Inc.



ERIIS Custom Detail Radius Report

SUBJECT PROPERTY: Prentiss Properties  
1750 Webster Street  
Oakland, CA 94612

ORDERED BY: ATC

REPORT NUMBER: 230411A

PREPARED ON: 03/09/98

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ERIIS Custom Detail Radius Statistical Profile

ERIIS Report #230411A

Mar 9, 1998

SITE: Prentiss Properties  
 1750 Webster Street  
 Oakland, CA 94612

Latitude: 37.806600  
 Longitude: -122.266330

State: CA

DATABASE	RADIUS (MI)	TARGET AREA**	PROPERTY-1/4	1/4-1/2	1/2-1	>1	TOTAL
NPL	1.00		0	0	0		0
CERCLIS	0.50		0	0			0
RCRIS_TS	0.50		0	0			0
RCRIS_LG	0.25		1				1
RCRIS_SG	0.25		9				9
ERNS	0.05		0				0
LRST	0.50		19	35			54
RST	0.25		14				14
SWF	0.50		0	2			2
HWS	1.00		0	1	6		7
NFRAP	0.50		0	0			0
SPILLS	0.50		0	8			8
SWAT	0.25		0				0
RCRIS_CA	1.00		0	0	1		1
			43	46	7	0	96

TOPO QUAD: Oakland West

Radon Zone Level: 2

Zone 2 has a predicted average indoor screening level  $\geq 2$  pCi/L and  $\leq 4$  pCi/L

A Radon Zone should not be used to determine if individual homes need to be tested for radon. The EPA's Office of Radiation and Indoor Air (202/233-9320) recommends that all homes be tested for radon, regardless of geographic location or the zone designation in which the property is located.

\*\*A target area is defined as a .02 mile buffer around the site's latitude and longitude.  
 A blank radius count indicates that the database was not searched by this radius per client instructions.  
 NR in a radius count indicates that the database cannot be reported by this search criteria due to insufficient and/or inaccurate addresses reported by a federal/state agency.

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES  
DATABASE REFERENCE GUIDE

NPL

Date of Data: 01/08/98  
Release Date: 01/27/98  
Date on System: 02/06/98  
US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
703/603-8881

National Priorities List

The NPL Report is an EPA listing of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. In addition, the NPL Report includes information concerning cleanup agreements between EPA and Potentially Responsible Parties (commonly called Records of Decision, or RODS), any liens filed against contaminated properties, as well as the past and current EPA budget expenditures tracked within the Superfund Consolidated Accomplishments Plan (SCAP).

CERCLIS

Date of Data: 01/08/98  
Release Date: 01/27/98  
Date on System: 01/30/98  
US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
703/603-8881

Comprehensive Environmental Response, Compensation, and Liability Information System

The CERCLIS Database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation, and ultimately placed on the National Priorities List (NPL). In addition to site events and milestone dates, the CERCLIS Report also contains financial information from the Superfund Consolidated Accomplishments Plan (SCAP).

RCRIS\_TS

Date of Data: 01/01/98  
Release Date: 02/02/98  
Date on System: 03/06/98  
US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
800/424-9346

Resource Conservation and Recovery Information System - Non-Corrective Action TSD Facilities

The RCRIS\_TS Report contains information pertaining to facilities which either treat, store, or dispose of EPA regulated hazardous waste. The following information is also included in the RCRIS\_TS Report:

- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

RCRIS\_LG

Date of Data: 01/01/98  
Release Date: 02/02/98  
Date on System: 03/06/98  
US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
800/424-9346

Resource Conservation and Recovery Information System - Large Quantity Generators

The RCRIS\_LG Report contains information pertaining to facilities which either generate more than 1000kg of EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation And Recovery Act. The following information is also included in the RCRIS\_LG Report:

- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES  
DATABASE REFERENCE GUIDE

RCRIS\_SG

Date of Data: 01/01/98  
Release Date: 02/02/98  
Date on System: 03/06/98  
US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
800/424-9346

Resource Conservation and Recovery Information System - Small Quantity Generators

The RCRIS\_SG Report contains information pertaining to facilities which either generate between 100kg and 1000kg of EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation And Recovery Act. On advice of the U.S. EPA, ERIIS does not report so-called "RCRA Protective Filers." Protective Filers, commonly called Conditionally Exempt Small Quantity Generators (CESQG's), are facilities that have completed RCRA notification paperwork, but are not, in fact, subject to RCRA regulation. The determination of CESQG status is made by the U.S. EPA. The following information is also included in the RCRIS\_SG Report:

- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

ERNS

Date of Data: 10/24/97  
Release Date: 11/05/97  
Date on System: 01/20/98  
US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
202/260-2342

Emergency Response Notification System

ERNS is a national computer database system that is used to store information concerning the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS Reporting System contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party. Please note that the information in the ERNS Report pertains only to those releases that occurred between January 1, 1997 and October 24, 1997.

LRST

Date of Data: 10/02/97  
Release Date: 11/15/97  
Date on System: 01/30/98  
CA Water Quality Control Board(s)  
Cal EPA - Hazardous Materials Data Mgt.  
916/445-6532

California Leaking Underground Storage Tank Report

The California LRST Report contains information pertaining to reported leaking underground storage tanks within the State of California. ERIIS has obtained the LUSTIS information from the California EPA and the LUST lists from each of the Regional Water Quality Control Boards. The dates of the information for each of the regions are as follows:

- Region 1 - North Coast Region-10/2/97-(707)576-2220
- Region 2 - San Fran. Bay Region-01/17/97-(510)286-1255
- Region 3 - Central Coast Region-01/07/97-(805)549-3147
- Region 4 - Los Angeles Region-09/16/97-(213)266-7500
- Region 5 - Central Valley Region-09/03/97-(916)255-3000
- Region 6 - Lohontan Region-7/24/97-(916)542-5400
- Region 6B - Victorville Region-01/22/97-(619)241-6583
- Region 7 - CO River Basin Region-08/01/97-(619)346-7491
- Region 8 - Santa Ana Region-09/30/97-(909)782-4130
- Region 9 - San Diego Region-06/17/97-(619)467-2952

RST

Date of Data: 03/17/94  
Release Date: 03/21/94  
Date on System: 03/06/98  
CA State Water Resources Control Board  
  
800/327-9337

California Underground Storage Tank Report

The California Underground Storage Tank Report, commonly known as the SWEEPS Report, is a comprehensive listing of all registered underground storage tanks located within the State of California. The Underground Storage Tank Report also includes data from the following counties: San Mateo, Los Angeles, Ventura, and Orange. The dates for the information are as follows:

- Orange County - 8/29/97
- Los Angeles County - 9/30/97
- San Mateo County - 7/1/97

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES  
DATABASE REFERENCE GUIDE

Ventura County - 9/25/97  
San Bernardino County - 1/28/98  
Placer County - 1/20/98  
Riverside County - 1/14/98  
Sacramento County - 2/2/98  
Marin County - 9/30/97  
Kern County - 1/21/98

SWF

Date of Data: 12/22/97  
Release Date: 12/22/97  
Date on System: 02/20/98  
CA Intergrated Waste Management Board  
Solid Waste Information System Program  
916/255-2330

California Solid Waste Information System

The California Solid Waste Information System Report, commonly known as the SWIS Report, contains information pertaining to all permitted and unpermitted active and inactive solid waste landfills, proposed disposal sites, transfer stations, and materials recovery facilities located within the State of California.

HWS

Date of Data: 10/03/97  
Release Date: 10/03/97  
Date on System: 12/05/97  
CA Dept. of Toxic Substances Control  
Site Mitigation Branch/CalSites  
916/323-3400

California Calsites

The California CalSites Report contains information pertaining to potentially contaminated hazardous waste sites. Sites formerly listed in the Annual Workplan (AWP), the Abandoned Sites Project Information System (ASPIS), and the Bond Expenditure Plan (BEP) are now included in the CalSites Database. Of the 26,000+ sites listed within CalSites, approximately 16,000 sites are listed as "No Further Action". Further, only about 300+ sites listed within the CalSites database are confirmed and active hazardous substance release sites.

NFRAP

Date of Data: 01/08/98  
Release Date: 01/27/98  
Date on System: 02/13/98  
US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
703/603-8881

No Further Remedial Action Planned Sites

The No Further Remedial Action Planned Report (NFRAP), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS Database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

SPILLS

Date of Data: 10/01/97  
Release Date: 11/01/97  
Date on System: 12/30/97  
CA Water Quality Control Board(s)  
  
510/286-0457

Spills, Leaks, Investigations and Cleanups Report

The California Spills Report contains information pertaining to all reported spills, leaks, investigations and cleanups (SLIC) within the State of California. ERIIS has obtained the SLIC information from the Regional Water Quality Control Boards. The San Diego, Lahontan, and Colorado River Basin Regions do not have a SLIC Report. The dates of the information for each of the regions are as follows:

Region 1 - North Coast Region - 10/2/97 - (707) 576-2220  
Region 2 San Francisco Bay Region - 7/29/97 - (510) 286-0457  
Region 2b - North & South Bay Counties - 4/10/97 - (510) 286-1255  
Region 3 - Central Coast Region - 8/20/97 - (805) 549-3147  
Region 4 - Los Angeles Region - 9/01/97 - (213) 266-7500  
Region 5 - Central Valley Region - 10/01/97 - (916) 255-3075  
Region 8 - Santa Ana Region - 10/31/97 - (909) 782-4499

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES  
DATABASE REFERENCE GUIDE

SWAT

Date of Data: 10/15/97  
Release Date: 10/21/97  
Date on System: 11/07/97  
CA State Water Resources Control Board  
Environmental Database Consulting  
916/227-4448

California Solid Waste Assessment Test

The California Solid Waste Assessment Test Report contains information pertaining to solid waste landfills from which there is known migration of hazardous waste. Information for this report was extracted from the California Waste Management Unit Data System (WMUDS).

RCRIS\_CA

Date of Data: 01/01/98  
Release Date: 02/02/98  
Date on System: 03/06/98  
US Environmental Protection Agency  
Office of Solid Waste and Emergency Response  
800/424-9346

Resource Conservation and Recovery Information System - TSD's  
Subject to Corrective Action

The RCRIS\_CA Report contains information pertaining to hazardous waste treatment, storage, and disposal facilities (RCRA TSD's) which have conducted, or are currently conducting, a corrective action(s) as regulated under the Resource Conservation and Recovery Act. The following information is included within the RCRIS\_CA Report:

- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

If a selected database does not appear on this list, it is not available for the subject property's state.



## Summary of Plottable sites

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
0 - 1/4 Miles				
06005008219 LRST	Douglas Motor Service 1721 Webster St Oakland, CA 94612-3411 County: Alameda	0.01 Mi	NORTHWEST	1
06010017358 RST	Douglas Parking Co 1721 Webster St Oakland, CA 94612-3411 County: Alameda	0.01 Mi	NORTHWEST	1
06010000209 RST	19th & Harrison St. 1833 Harrison St Oakland, CA 94612-3403 County: Alameda	0.03 Mi	NORTHEAST	2
06005018600 LRST	Prentis Copley Investment 1833 Harrison St Oakland, CA 94612-3403 County: Alameda	0.03 Mi	NORTHEAST	2
06010059272 RST	Vacant Lot 1881 Harrison St Oakland, CA 94612-3403 County: Alameda	0.04 Mi	NORTHEAST	3
06008029520 RCRIS_SG	I D G Architects 1730 Franklin St Ste 300 Oakland, CA 94612-341 County: Alameda	0.05 Mi	NORTHWEST	4
06005024297 LRST	Toothman Developemtn 1736 Franklin St Oakland, CA 94612-3423 County: Alameda	0.05 Mi	NORTHWEST	4
06005024298 LRST	Toothman Development 1736 Franklin St Oakland, CA 94612-3423 County: Alameda	0.05 Mi	NORTHWEST	4
06008003198 RCRIS_SG	World Savings And Loan 1901 Harrison St Oakland, CA 94612-357 County: Alameda	0.06 Mi	NORTHEAST	6
06005005346 LRST	Chevron 1633 Harrison St Oakland, CA 94612-3307 County: Alameda	0.06 Mi	SOUTHEAST	5
06005018211 LRST	Pg & E 1919 Webster St Oakland, CA 94612-2909 County: Alameda	0.07 Mi	NORTHEAST	7
06010042987 RST	Pg&e Regional Headquarters 1919 Webster St Oakland, CA 94612-2909 County: Alameda	0.07 Mi	NORTHEAST	7
06010030331 RST	Kaiser Foundation Health Plan 1935 Webster St Oakland, CA 94612-2909 County: Alameda	0.08 Mi	NORTHEAST	8
06005013202 LRST	Kaiser Regional Parking 1901 Franklin St Oakland, CA 94612-2905 County: Alameda	0.10 Mi	NORTHWEST	10

## Summary of Plottable sites

ERIS Report #230411A

Mar 9, 1998

ERIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06008015266 RCRIS_SG	At&t Oakland Main 1587 Franklin St # 1601 Oakland, CA 94612-280 County: Alameda	0.10 Mi	SOUTHWEST	9
06007002261 RCRIS_LG	Pacific Bell 1587 Franklin St Oakland, CA 94612-2803 County: Alameda	0.10 Mi	SOUTHWEST	9
06005017550 LRST	Pacific Bell 1587 Franklin St Oakland, CA 94612-2803 County: Alameda	0.10 Mi	SOUTHWEST	9
06010041106 RST	Pacific Bell (q1-002) 1587 Franklin St Oakland, CA 94612-2803 County: Alameda	0.10 Mi	SOUTHWEST	9
06005015557 LRST	Mobil 1975 Webster St Oakland, CA 94612-2909 County: Alameda	0.12 Mi	NORTHEAST	12
06010006925 RST	Blue Cross Building 1950 Franklin St Oakland, CA 94612-5103 County: Alameda	0.12 Mi	NORTHWEST	13
06008016784 RCRIS_SG	Kaiser Fndn Hlth Plan Ofc Bldg 1950 Franklin St Oakland, CA 94612-510 County: Alameda	0.12 Mi	NORTHWEST	13
06005017549 LRST	Pacific Bell 1519 Franklin St Oakland, CA 94612-2803 County: Alameda	0.12 Mi	SOUTHWEST	11
06008034065 RCRIS_SG	Pacific Bell 1519 Franklin St Oakland, CA 94612-280 County: Alameda	0.12 Mi	SOUTHWEST	11
06010041105 RST	Pacific Bell (q1-001) 1519 Franklin St Oakland, CA 94612-2803 County: Alameda	0.12 Mi	SOUTHWEST	11
06010030325 RST	Kaiser Center Mall Webster St At 20th St Oakland, CA 94643-0001 County: Alameda	0.15 Mi	NORTHEAST	15
06010045639 RST	Regional Offices 1924 Broadway Oakland, CA 94612-2206 County: Alameda	0.15 Mi	NORTHWEST	14
06005013184 LRST	Kaiser Center Mall 344 20th St Oakland, CA 94612-3544 County: Alameda	0.16 Mi	NORTHEAST	17
06008032070 RCRIS_SG	Longs Drug Store No 386 344 20th St Oakland, CA 94612-354 County: Alameda	0.16 Mi	NORTHEAST	17

## Summary of Plottable sites

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06008028066 RCRIS_SG	East Bay Camera Exchange 1936 Broadway Oakland, CA 94612-220 County: Alameda	0.16 Mi	NORTHWEST	16
06008008084 RCRIS_SG	Wells Fargo Bank 415 20th St Oakland, CA 94612-290 County: Alameda	0.17 Mi	NORTHWEST	20
06005002696 LRST	Bacharach And Horsuk Prop 1432 Franklin St # 1434 Oakland, CA 94612-3202 County: Alameda	0.17 Mi	SOUTHWEST	19
06005011651 LRST	Harrison Street Garage 1432 Harrison St Oakland, CA 94612-3903 County: Alameda	0.17 Mi	SOUTHWEST	18
06010025688 RST	Harrison Street Garage 1432 Harrison St Oakland, CA 94612-3903 County: Alameda	0.17 Mi	SOUTHWEST	18
06008017896 RCRIS_SG	Roys Auto Body 1432 Harrison St Oakland, CA 94612-390 County: Alameda	0.17 Mi	SOUTHWEST	18
06005019238 LRST	Regillus Condominiums 200 Lakeside Dr Oakland, CA 94612-3503 County: Alameda	0.21 Mi	NORTHEAST	22
06005008781 LRST	Emporium Capwell 20th St At Broadway Oakland, CA 94612 County: Alameda	0.21 Mi	NORTHWEST	23
06010018931 RST	Emporium-capwell 20th St At Broadway Oakland, CA 94612 County: Alameda	0.21 Mi	NORTHWEST	23
06005005343 LRST	Chevron 301 14th St Oakland, CA 94612-3906 County: Alameda	0.21 Mi	SOUTHWEST	21
06010025685 RST	Harrison Car Wash 301 14th St Oakland, CA 94612-3906 County: Alameda	0.21 Mi	SOUTHWEST	21
06005005347 LRST	Chevron 1911 Telegraph Ave Oakland, CA 94612-2201 County: Alameda	0.22 Mi	NORTHWEST	24
06005006649 LRST	City Of Oakland Redev Galleria Broadway At San Pablo Ave Oakland, CA 94612 County: Alameda	0.24 Mi	SOUTHWEST	25
06021005174 SPILLS	Ice Ventures Project 540 17th St Oakland, CA 94612-1504 County: Alameda	0.25 Mi	NORTHWEST	28

## Summary of Plottable sites

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06010000191 RST	1330 Broadway Garage 420 13th St Oakland, CA 94612-2602 County: Alameda	0.25 Mi	SOUTHWEST	27
06021004629 SPILLS	Frank Mar Community Housing Project 383 13th St Oakland, CA 94612-2636 County: Alameda	0.25 Mi	SOUTHWEST	26
06005027629 LRST	Zimmerman Investments 420 13th St Oakland, CA 94612-2602 County: Alameda	0.25 Mi	SOUTHWEST	27
1/4 - 1/2 Miles				
06005017274 LRST	Ordway Building 1 Kaiser Plz Oakland, CA 94612-3610 County: Alameda	0.26 Mi	NORTHEAST	31
06021004806 SPILLS	Oakland Tribune 409 13th St Oakland, CA 94612-2637 County: Alameda	0.26 Mi	SOUTHWEST	29
06005027630 LRST	Zimmerman Investments 1330 Broadway Oakland, CA 94612-2502 County: Alameda	0.26 Mi	SOUTHWEST	30
06005017000 LRST	Oakland City Hall 1 City Hall Plz Oakland, CA 94612-1901 County: Alameda	0.27 Mi	SOUTHWEST	32
06005019441 LRST	Right Parking Lot 1225 Webster St Oakland, CA 94612-3918 County: Alameda	0.28 Mi	SOUTHWEST	33
06005011060 LRST	Goodyear Service Station 2025 Telegraph Ave Oakland, CA 94612-2305 County: Alameda	0.29 Mi	NORTHWEST	34
06005013958 LRST	Lee Family Assoc Property 387 12th St Oakland, CA 94607-4248 County: Alameda	0.31 Mi	SOUTHWEST	35
06005013782 LRST	Lake Merritt Towers Ii 155 Grand Ave Oakland, CA 94612-3758 County: Alameda	0.32 Mi	NORTHEAST	36
06021004814 SPILLS	Lake Merritt Towers Valdez St At Grand Ave Oakland, CA 94607 County: Alameda	0.34 Mi	NORTHEAST	38
06005003426 LRST	Blue Pring Service Company 1700 Jefferson St Oakland, CA 94612-1539 County: Alameda	0.34 Mi	NORTHWEST	37
06005003427 LRST	Blue Print Service Company 1700 Jefferson St Oakland, CA 94612-1539 County: Alameda	0.34 Mi	NORTHWEST	37

## Summary of Plottable sites

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005001007 LRST	Alcopark Garage 165 13th St Oakland, CA 94612-4205 County: Alameda	0.35 Mi	SOUTHEAST	39
06005006644 LRST	City Of Oakland 1417 Clay St Oakland, CA 94612-1411 County: Alameda	0.35 Mi	SOUTHWEST	41
06021004652 SPILLS	City Of Oakland Redevelopment Agency 11th St At Webster St Oakland, CA 94607 County: Alameda	0.35 Mi	SOUTHWEST	40
06005023586 LRST	Texaco Exxon 2225 Telegraph Ave Oakland, CA 94612-2315 County: Alameda	0.37 Mi	NORTHWEST	44
06005003739 LRST	Bramalea Pacific 1111 Broadway Oakland, CA 94607-4036 County: Alameda	0.37 Mi	SOUTHWEST	42
06005009878 LRST	Five City Center 1300 Clay St Oakland, CA 94612-1425 County: Alameda	0.37 Mi	SOUTHWEST	43
06021004615 SPILLS	Oakland Redevelopment Agency 1300 Clay St Oakland, CA 94612-1425 County: Alameda	0.37 Mi	SOUTHWEST	43
06005018959 LRST	Ramalea Pacific 1111 Broadway Oakland, CA 94607-4036 County: Alameda	0.37 Mi	SOUTHWEST	42
06005017002 LRST	Oakland Federal Building 1305 Clay St Oakland, CA 94612-52ND County: Alameda	0.38 Mi	SOUTHWEST	45
06005007741 LRST	Dave's Complete Auto Service 2250 Telegraph Ave Oakland, CA 94612-2331 County: Alameda	0.39 Mi	NORTHWEST	47
06005013183 LRST	Kaiser Center Inc 300 Lakeside Dr Oakland, CA 94612-3510 County: Alameda	0.39 Mi	SOUTHEAST	46
06005013786 LRST	Lake Point Towers Ltd 101 Lakeside Dr Oakland, CA 94612 County: Alameda	0.40 Mi	SOUTHEAST	48
06005003740 LRST	Bramalea Pacific 12th St At Clay St Oakland, CA 94607 County: Alameda	0.41 Mi	SOUTHWEST	49
06005005349 LRST	Chevron 210 Grand Ave Oakland, CA 94610-4555 County: Alameda	0.42 Mi	NORTHEAST	53

## Summary of Plottable sites

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005024714 LRST	U S Postal Service 577 W Grand Ave Oakland, CA 94612-1652 County: Alameda	0.42 Mi	NORTHWEST	54
06005009712 LRST	Fire Alarm Station 1310 Oak St Oakland, CA 94612-4353 County: Alameda	0.42 Mi	SOUTHEAST	50
06040000120 HWS	Chinatown Redevelopment - Oakland 11th, 10th, webster & Franklin Oakland, CA 94601 County: Alameda	0.42 Mi	SOUTHWEST	52
06005017697 LRST	Pacific Renaissance Plaza 1000 Franklin St Oakland, CA 94607 County: Alameda	0.42 Mi	SOUTHWEST	51
06005016615 LRST	Negherbon Lincoln Mercury 2345 Broadway Oakland, CA 94612-2414 County: Alameda	0.43 Mi	NORTHEAST	57
06005017022 LRST	Oakland Tribune Old 2302 Valdez St Oakland, CA 94612-3112 County: Alameda	0.43 Mi	NORTHEAST	56
06005003741 LRST	Bramalea Pacific 13th St At Jefferson St Oakland, CA 94612 County: Alameda	0.43 Mi	SOUTHWEST	55
06005000273 LRST	7 Eleven 2350 Harrison St Oakland, CA 94612-3712 County: Alameda	0.44 Mi	NORTHEAST	63
06005013781 LRST	Lake Merritt Lodge 2332 Harrison St Oakland, CA 94612-3712 County: Alameda	0.44 Mi	NORTHEAST	62
06005017001 LRST	Oakland Community Development 690 15th St Oakland, CA 94612-1224 County: Alameda	0.44 Mi	NORTHWEST	61
06005027089 LRST	Western Union 125 12th St Oakland, CA 94607-4912 County: Alameda	0.44 Mi	SOUTHEAST	59
06042001576 SWF	Galbraith Golf Course Sw Of Doolittle Dr X Airport Rd Oakland, CA County: Alameda	0.44 Mi	SOUTHWEST	58
06042001577 SWF	North Port Of Oakland Refuse Ds/raiders Doolittle Rd & Harbor Bay Pkwy Oakland, CA County: Alameda	0.44 Mi	SOUTHWEST	58
06021004762 SPILLS	Project Report 1155 Clay St Oakland, CA 94607-4035 County: Alameda	0.44 Mi	SOUTHWEST	60

## Summary of Plottable sites

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06021004787 SPILLS	City Center Garage West Site 12th St At Jefferson St Oakland, CA 94607 County: Alameda	0.46 Mi	SOUTHWEST	64
06005022628 LRST	St Francis De Salles Comm Ctr 635 22nd St Oakland, CA 94612-1615 County: Alameda	0.47 Mi	NORTHWEST	65
06005011253 LRST	Greyhound Line Inc 2103 San Pablo Ave Oakland, CA 94612-1308 County: Alameda	0.49 Mi	NORTHWEST	67
06005006648 LRST	City Of Oakland Redev Agency 1330 Martin Luther King Jr Way Oakland, CA 94607 County: Alameda	0.49 Mi	SOUTHWEST	66
06005015556 LRST	Mobil 160 14th St Oakland, CA 94612-4311 County: Alameda	0.50 Mi	NORTHWEST	68
1/2 - 1 Miles				
06040010763 HWS	Phoenix 766 Property 766 Chester St Oakland, CA 94607 County: Alameda	0.71 Mi	SOUTHWEST	69
06040000084 HWS	Lakeside Non-ferrous Metals Corp 412 Madison St Oakland, CA 94607 County: Alameda	0.77 Mi	SOUTHWEST	70
06040010800 HWS	Port Of Oakland/cinema Project Clay & Embarcadero Oakland, CA 94706 County: Alameda	0.92 Mi	SOUTHWEST	71
06040010795 HWS	Micronesia Cargo, International 955 7th St Oakland, CA 94607 County: Alameda	0.94 Mi	SOUTHWEST	72
06040000125 HWS	Bedford Property Site 54 Embarcadero W Oakland, CA 94607 County: Alameda	0.95 Mi	SOUTHWEST	73
06071000086 RCRIS_CA	Safety Kleen Corp 7 178 01 404 Market St Oakland, CA 94607-3034 County: Alameda	0.95 Mi	SOUTHWEST	74
06040010802 HWS	Chang's Automotive 1009 7th St Oakland, CA 94607 County: Alameda	1.00 Mi	SOUTHWEST	75

ERIIS ENVIRONMENTAL DATA REPORT  
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM - LARGE QUANTITY GENERATORS  
RCRIS\_LG - PLOTTABLE SITES - PAGE 1

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06007002261	Pacific Bell	1587 Franklin St	9
CAT080015449	DISTANCE FROM SITE: 0.10 Miles DIRECTION FROM SITE: Southwest	Oakland, CA 94612-2803 County: Alameda	

Facility Is Not Reported In Raats



ERIIS ENVIRONMENTAL DATA REPORT  
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM - SMALL QUANTITY GENERATORS  
RCRIS\_SG - PLOTTABLE SITES - PAGE 1

ERIIS Report #230411A

Mar 9, 1998

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ERIIS ID EPA ID	FACILITY	ADDRESS	MAP ID
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06008029520 CAD983648858	I D G Architects DISTANCE FROM SITE: 0.05 Miles DIRECTION FROM SITE: Northwest	1730 Franklin St Ste 300 Oakland, CA 94612-341 County: Alameda	4
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Facility Is Not Reported In Raats

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06008003198 CAD071685606	World Savings And Loan DISTANCE FROM SITE: 0.06 Miles DIRECTION FROM SITE: Northeast	1901 Harrison St Oakland, CA 94612-357 County: Alameda	6
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Facility Is Not Reported In Raats

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06008015266 CAD981980030	At&t Oakland Main DISTANCE FROM SITE: 0.10 Miles DIRECTION FROM SITE: Southwest	1587 Franklin St # 1601 Oakland, CA 94612-280 County: Alameda	9
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Facility Is Not Reported In Raats

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06008016784 CAD982010910	Kaiser Fndn Hlth Plan Ofc Bldg DISTANCE FROM SITE: 0.12 Miles DIRECTION FROM SITE: Northwest	1950 Franklin St Oakland, CA 94612-510 County: Alameda	13
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Facility Is Not Reported In Raats

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06008034065 CAT080015431	Pacific Bell DISTANCE FROM SITE: 0.12 Miles DIRECTION FROM SITE: Southwest	1519 Franklin St Oakland, CA 94612-280 County: Alameda	11
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Facility Is Not Reported In Raats

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06008028066 CAD983625542	East Bay Camera Exchange DISTANCE FROM SITE: 0.16 Miles DIRECTION FROM SITE: Northwest	1936 Broadway Oakland, CA 94612-220 County: Alameda	16
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Facility Is Not Reported In Raats

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ERIIS ENVIRONMENTAL DATA REPORT  
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM - SMALL QUANTITY GENERATORS  
RCRIS\_SG - PLOTTABLE SITES - PAGE 2

ERIIS Report #230411A

Mar 9, 1998

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ERIIS ID EPA ID	FACILITY	ADDRESS	MAP ID
06008032070 CAR000003830	Longs Drug Store No 386 DISTANCE FROM SITE: 0.16 Miles DIRECTION FROM SITE: Northeast	344 20th St Oakland, CA 94612-354 County: Alameda	17

Facility Is Not Reported In Raats

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06008008084 CAD981424922	Wells Fargo Bank DISTANCE FROM SITE: 0.17 Miles DIRECTION FROM SITE: Northwest	415 20th St Oakland, CA 94612-290 County: Alameda	20
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Facility Is Not Reported In Raats

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06008017896 CAD982039125	Roy's Auto Body DISTANCE FROM SITE: 0.17 Miles DIRECTION FROM SITE: Southwest	1432 Harrison St Oakland, CA 94612-390 County: Alameda	18
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Facility Is Not Reported In Raats

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ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 1

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06005008219	Douglas Motor Service DISTANCE FROM SITE: 0.01 Miles DIRECTION FROM SITE: Northwest	1721 Webster St Oakland, CA 94612-3411 COUNTY: Alameda	1
	CASE NO.: 4070 REPORT DATE: 01/12/93 CASE TYPE: Other CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: 11/20/92 LEAK CAUSE: Structure Failure	STATUS: Preliminary Site Assessment Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 03/06/95	
	CASE NO.: 01-0151 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Preliminary Site Assessment Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005018600	Prentis Copley Investment DISTANCE FROM SITE: 0.03 Miles DIRECTION FROM SITE: Northeast	1833 Harrison St Oakland, CA 94612-3403 COUNTY: Alameda	2
	CASE NO.: 01NCY0090 REPORT DATE: 11/12/91 CASE TYPE: Undefined CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: No Action SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005024297	Toothman Developemtn DISTANCE FROM SITE: 0.05 Miles DIRECTION FROM SITE: Northwest	1736 Franklin St Oakland, CA 94612-3423 COUNTY: Alameda	4
	CASE NO.: 01-1679 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Leak Being Confirmed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005024298	Toothman Development DISTANCE FROM SITE: 0.05 Miles DIRECTION FROM SITE: Northwest	1736 Franklin St Oakland, CA 94612-3423 COUNTY: Alameda	4
	CASE NO.: 3743 REPORT DATE: 12/20/89 CASE TYPE: Soil Only CASE CLOSED: 01/13/97 REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: 03/10/92 LEAK CAUSE: Unknown	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005005346	Chevron DISTANCE FROM SITE: 0.06 Miles DIRECTION FROM SITE: Southeast	1633 Harrison St Oakland, CA 94612-3307 COUNTY: Alameda	5

ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 2

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
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<p>CASE NO.: 3812                      REPORT DATE: 06/28/88                      CASE TYPE: Other                      CASE CLOSED:                      REMEDIAL ACTION:                      REMEDIATION PLAN:                      LEAK BEING CONFIRMED: 03/20/92                      LEAK CAUSE: Structure Failure                      CASE NO.: 01-0331                      REPORT DATE: Not Reported                      CASE TYPE: Not Reported                      CASE CLOSED:                      REMEDIAL ACTION:                      REMEDIATION PLAN:                      LEAK BEING CONFIRMED:                      LEAK CAUSE:</p>	<p>STATUS: Pollution Characterization                      SUBSTANCE: Not Reported                      ABATEMENT METHOD: Excavate And Dispose                      POLLUTION CHARACTERIZATION: 04/30/89                      POST REMEDIAL ACTION MONITORING:                      PRELIMINARY SITE ASSESSMENT UNDERWAY: 06/20/90                      PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 12/01/91</p> <p>STATUS: Pollution Characterization                      SUBSTANCE: Not Reported                      ABATEMENT METHOD: Not Reported                      POLLUTION CHARACTERIZATION:                      POST REMEDIAL ACTION MONITORING:                      PRELIMINARY SITE ASSESSMENT UNDERWAY:                      PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:</p>
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06005018211	Pg & E DISTANCE FROM SITE: 0.07 Miles DIRECTION FROM SITE: Northeast	1919 Webster St Oakland, CA 94612-2909 COUNTY: Alameda	7
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<p>CASE NO.: 01-1168                      REPORT DATE: Not Reported                      CASE TYPE: Not Reported                      CASE CLOSED:                      REMEDIAL ACTION:                      REMEDIATION PLAN:                      LEAK BEING CONFIRMED:                      LEAK CAUSE:</p>	<p>STATUS: Case Closed                      SUBSTANCE: Not Reported                      ABATEMENT METHOD: Not Reported                      POLLUTION CHARACTERIZATION:                      POST REMEDIAL ACTION MONITORING:                      PRELIMINARY SITE ASSESSMENT UNDERWAY:                      PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:</p>
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06005013202	Kaiser Regional Parking DISTANCE FROM SITE: 0.10 Miles DIRECTION FROM SITE: Northwest	1901 Franklin St Oakland, CA 94612-2905 COUNTY: Alameda	10
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<p>CASE NO.: 01-0843                      REPORT DATE: Not Reported                      CASE TYPE: Not Reported                      CASE CLOSED:                      REMEDIAL ACTION:                      REMEDIATION PLAN:                      LEAK BEING CONFIRMED:                      LEAK CAUSE:</p>	<p>STATUS: Leak Being Confirmed                      SUBSTANCE: Not Reported                      ABATEMENT METHOD: Not Reported                      POLLUTION CHARACTERIZATION:                      POST REMEDIAL ACTION MONITORING:                      PRELIMINARY SITE ASSESSMENT UNDERWAY:                      PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:</p>
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06005017550	Pacific Bell DISTANCE FROM SITE: 0.10 Miles DIRECTION FROM SITE: Southwest	1587 Franklin St Oakland, CA 94612-2803 COUNTY: Alameda	9
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<p>CASE NO.: 3986                      REPORT DATE: 01/21/93                      CASE TYPE: Soil Only                      CASE CLOSED: 11/23/94                      REMEDIAL ACTION: 09/11/92                      REMEDIATION PLAN:                      LEAK BEING CONFIRMED: 07/15/93                      LEAK CAUSE: Unknown                      CASE NO.: 01-1705                      REPORT DATE: Not Reported                      CASE TYPE: Not Reported                      CASE CLOSED:                      REMEDIAL ACTION:                      REMEDIATION PLAN:                      LEAK BEING CONFIRMED:                      LEAK CAUSE:</p>	<p>STATUS: Case Closed                      SUBSTANCE: Not Reported                      ABATEMENT METHOD: Excavate And Dispose                      POLLUTION CHARACTERIZATION:                      POST REMEDIAL ACTION MONITORING: 07/20/93                      PRELIMINARY SITE ASSESSMENT UNDERWAY: 05/01/92                      PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:</p> <p>STATUS: Case Closed                      SUBSTANCE: Not Reported                      ABATEMENT METHOD: Not Reported                      POLLUTION CHARACTERIZATION:                      POST REMEDIAL ACTION MONITORING:                      PRELIMINARY SITE ASSESSMENT UNDERWAY:                      PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:</p>
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06005015557	Mobil DISTANCE FROM SITE: 0.12 Miles DIRECTION FROM SITE: Northeast	1975 Webster St Oakland, CA 94612-2909 COUNTY: Alameda	12
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ERIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 3

ERIS Report #230411A

Mar 9, 1998

ERIS ID	FACILITY	ADDRESS	MAP ID
	CASE NO.: 4212 REPORT DATE: 07/14/92 CASE TYPE: Other CASE CLOSED: 11/14/96 REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: 07/14/92 POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 02/07/92	
	CASE NO.: 01-0453 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Pollution Characterization SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005017549	Pacific Bell DISTANCE FROM SITE: 0.12 Miles DIRECTION FROM SITE: Southwest	1519 Franklin St Oakland, CA 94612-2803 COUNTY: Alameda	11
	CASE NO.: 01-1921 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Leak Being Confirmed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005013184	Kaiser Center Mall DISTANCE FROM SITE: 0.16 Miles DIRECTION FROM SITE: Northeast	344 20th St Oakland, CA 94612-3544 COUNTY: Alameda	17
	CASE NO.: 01NCY0166 REPORT DATE: Not Reported CASE TYPE: Undefined CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Unknown	STATUS: No Action SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005002696	Bacharach And Borsuk Prop DISTANCE FROM SITE: 0.17 Miles DIRECTION FROM SITE: Southwest	1432 Franklin St # 1434 Oakland, CA 94612-3202 COUNTY: Alameda	19
	CASE NO.: 01-1940 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Preliminary Site Assessment Workplan Submitted SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005011651	Harrison Street Garage DISTANCE FROM SITE: 0.17 Miles DIRECTION FROM SITE: Southwest	1432 Harrison St Oakland, CA 94612-3903 COUNTY: Alameda	18
	CASE NO.: 498 REPORT DATE: 08/29/90 CASE TYPE: Soil Only CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Preliminary Site Assessment Workplan Submitted SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 02/15/91	

ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 4

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
	CASE NO.: 01-0739 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Preliminary Site Assessment Workplan Submitted SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005005343	Chevron DISTANCE FROM SITE: 0.21 Miles DIRECTION FROM SITE: Southwest	301 14th St Oakland, CA 94612-3906 COUNTY: Alameda	21
	CASE NO.: 478 REPORT DATE: 06/21/90 CASE TYPE: Other CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: 03/27/92 LEAK CAUSE: Structure Failure CASE NO.: 01-0355 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Pollution Characterization SUBSTANCE: Not Reported ABATEMENT METHOD: Remove Free Product POLLUTION CHARACTERIZATION: 02/12/92 POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 06/13/90 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: STATUS: Pollution Characterization SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005008781	Emporium Capwell DISTANCE FROM SITE: 0.21 Miles DIRECTION FROM SITE: Northwest	20th St At Broadway Oakland, CA 94612 COUNTY: Alameda	23
	CASE NO.: 3796 REPORT DATE: 09/25/92 CASE TYPE: Soil Only CASE CLOSED: 09/25/92 REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure CASE NO.: 01-0560 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005019238	Regillus Condominiums DISTANCE FROM SITE: 0.21 Miles DIRECTION FROM SITE: Northeast	200 Lakeside Dr Oakland, CA 94612-3503 COUNTY: Alameda	22
	CASE NO.: 01-1232 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Preliminary Site Assessment Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005005347	Chevron DISTANCE FROM SITE: 0.22 Miles DIRECTION FROM SITE: Northwest	1911 Telegraph Ave Oakland, CA 94612-2201 COUNTY: Alameda	24

ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 5

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
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CASE NO.: 1630 REPORT DATE: 04/15/88 CASE TYPE: Soil Only CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure CASE NO.: 01-0336 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Post Remedial Action Monitoring SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Treat POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: 04/12/88 PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		
CASE NO.: 01-0336 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Post Remedial Action Monitoring SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		

06005006649	City Of Oakland Redev Galleria DISTANCE FROM SITE: 0.24 Miles DIRECTION FROM SITE: Southwest	Broadway At San Pablo Ave Oakland, CA 94612 COUNTY: Alameda	25
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CASE NO.: 01-1076 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: No Action SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		
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06005027629	Zimmerman Investments DISTANCE FROM SITE: 0.25 Miles DIRECTION FROM SITE: Southwest	420 13th St Oakland, CA 94612-2602 COUNTY: Alameda	27
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CASE NO.: 4142 REPORT DATE: 04/24/92 CASE TYPE: Soil Only CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: 05/20/92 LEAK CAUSE: Unknown CASE NO.: 01-1773 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Post Remedial Action Monitoring SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: 01/11/93 PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 01/11/93		
CASE NO.: 01-1773 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Post Remedial Action Monitoring SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		

06005017274	Ordway Building DISTANCE FROM SITE: 0.26 Miles DIRECTION FROM SITE: Northeast	1 Kaiser Plz Oakland, CA 94612-3610 COUNTY: Alameda	31
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CASE NO.: 1220 REPORT DATE: Not Reported CASE TYPE: Soil Only CASE CLOSED: 07/08/94 REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Unknown CASE NO.: 01-1790 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		
CASE NO.: 01-1790 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:		

ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 6

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06005027630	Zimmerman Investments DISTANCE FROM SITE: 0.26 Miles DIRECTION FROM SITE: Southwest	1330 Broadway Oakland, CA 94612-2502 COUNTY: Alameda	30
	CASE NO.: 2142 REPORT DATE: Not Reported CASE TYPE: Soil Only CASE CLOSED: 05/04/94 REMEDIAL ACTION: REMIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Unknown CASE NO.: 01-1694 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:  STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005017000	Oakland City Hall DISTANCE FROM SITE: 0.27 Miles DIRECTION FROM SITE: Southwest	1 City Hall Plz Oakland, CA 94612-1901 COUNTY: Alameda	32
	CASE NO.: 3791 REPORT DATE: 07/25/89 CASE TYPE: Soil Only CASE CLOSED: 02/10/95 REMEDIAL ACTION: REMIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure CASE NO.: 01-1069 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:  STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005019441	Right Parking Lot DISTANCE FROM SITE: 0.28 Miles DIRECTION FROM SITE: Southwest	1225 Webster St Oakland, CA 94612-3918 COUNTY: Alameda	33
	CASE NO.: 5284 REPORT DATE: 05/20/94 CASE TYPE: Other CASE CLOSED: 06/27/96 REMEDIAL ACTION: REMIATION PLAN: LEAK BEING CONFIRMED: 08/11/94 LEAK CAUSE: Unknown CASE NO.: 01-2007 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:  STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005011060	Goodyear Service Station DISTANCE FROM SITE: 0.29 Miles DIRECTION FROM SITE: Northwest	2025 Telegraph Ave Oakland, CA 94612-2305 COUNTY: Alameda	34



ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 7

ERIIS Report #230411A

Mar 9, 1998

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ERIIS ID	FACILITY	ADDRESS	MAP ID
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CASE NO.: 1090 REPORT DATE: 04/17/92 CASE TYPE: Soil Only CASE CLOSED: 11/18/94 REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: 07/17/92 LEAK CAUSE: Corrosion CASE NO.: 01-1795 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 04/21/93
CASE NO.: 01-1795 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

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06005013958	Lee Family Assoc Property DISTANCE FROM SITE: 0.31 Miles DIRECTION FROM SITE: Southwest	387 12th St Oakland, CA 94607-4248 COUNTY: Alameda	35
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CASE NO.: 4445 REPORT DATE: 07/24/92 CASE TYPE: Other CASE CLOSED: 06/16/95 REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: 03/17/93 LEAK CAUSE: Unknown CASE NO.: 01-1739 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 02/25/93
CASE NO.: 01-1739 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

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06005013782	Lake Merritt Towers Ii DISTANCE FROM SITE: 0.32 Miles DIRECTION FROM SITE: Northeast	155 Grand Ave Oakland, CA 94612-3758 COUNTY: Alameda	36
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CASE NO.: 3711 REPORT DATE: 04/01/91 CASE TYPE: Other CASE CLOSED: 07/08/94 REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure CASE NO.: 01-0875 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Preliminary Site Assessment Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Treat POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 03/19/91 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 03/21/91
CASE NO.: 01-0875 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Preliminary Site Assessment Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

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06005003426	Blue Pring Service Company DISTANCE FROM SITE: 0.34 Miles DIRECTION FROM SITE: Northwest	1700 Jefferson St Oakland, CA 94612-1539 COUNTY: Alameda	37
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CASE NO.: 01-0210 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Remedial Action Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
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ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 8

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06005003427	Blue Print Service Company DISTANCE FROM SITE: 0.34 Miles DIRECTION FROM SITE: Northwest	1700 Jefferson St Oakland, CA 94612-1539 COUNTY: Alameda	37
	CASE NO.: 4148 REPORT DATE: 04/10/87 CASE TYPE: Other CASE CLOSED: REMEDIAL ACTION: 06/18/90 REMEDICATION PLAN: 02/02/90 LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Remedial Action Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Remove Free Product POLLUTION CHARACTERIZATION: 08/15/88 POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 02/08/87 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005001007	Alcopark Garage DISTANCE FROM SITE: 0.35 Miles DIRECTION FROM SITE: Southeast	165 13th St Oakland, CA 94612-4205 COUNTY: Alameda	39
	CASE NO.: 3909 REPORT DATE: 06/17/88 CASE TYPE: Other CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Preliminary Site Assessment Underway SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 08/19/90 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 08/10/90	
	CASE NO.: 01-0055 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Preliminary Site Assessment Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005006644	City Of Oakland DISTANCE FROM SITE: 0.35 Miles DIRECTION FROM SITE: Southwest	1417 Clay St Oakland, CA 94612-1411 COUNTY: Alameda	41
	CASE NO.: 3751 REPORT DATE: 03/24/89 CASE TYPE: Soil Only CASE CLOSED: 09/29/95 REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	CASE NO.: 01-0409 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005003739	Bramalea Pacific DISTANCE FROM SITE: 0.37 Miles DIRECTION FROM SITE: Southwest	1111 Broadway Oakland, CA 94607-4036 COUNTY: Alameda	42
	CASE NO.: 01-0235 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Preliminary Site Assessment Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	

ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 9

ERIIS Report #230411A

Mar 9, 1998

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ERIIS ID	FACILITY	ADDRESS	MAP ID
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06005009878	Five City Center DISTANCE FROM SITE: 0.37 Miles DIRECTION FROM SITE: Southwest	1300 Clay St Oakland, CA 94612-1425 COUNTY: Alameda	43
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CASE NO.: 01-0642	STATUS: Leak Being Confirmed
REPORT DATE: Not Reported	SUBSTANCE: Not Reported
CASE TYPE: Not Reported	ABATEMENT METHOD: Not Reported
CASE CLOSED:	POLLUTION CHARACTERIZATION:
REMEDIAL ACTION:	POST REMEDIAL ACTION MONITORING:
REMEDICATION PLAN:	PRELIMINARY SITE ASSESSMENT UNDERWAY:
LEAK BEING CONFIRMED:	PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
LEAK CAUSE:	

06005018959	Ramalea Pacific DISTANCE FROM SITE: 0.37 Miles DIRECTION FROM SITE: Southwest	1111 Broadway Oakland, CA 94607-4036 COUNTY: Alameda	42
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CASE NO.: 3664	STATUS: Case Closed
REPORT DATE: 01/11/88	SUBSTANCE: Not Reported
CASE TYPE: Other	ABATEMENT METHOD: Pump And Treat
CASE CLOSED: 03/06/97	POLLUTION CHARACTERIZATION:
REMEDIAL ACTION:	POST REMEDIAL ACTION MONITORING:
REMEDICATION PLAN:	PRELIMINARY SITE ASSESSMENT UNDERWAY: 12/21/88
LEAK BEING CONFIRMED:	PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
LEAK CAUSE: Structure Failure	

06005023586	Texaco Exxon DISTANCE FROM SITE: 0.37 Miles DIRECTION FROM SITE: Northwest	2225 Telegraph Ave Oakland, CA 94612-2315 COUNTY: Alameda	44
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CASE NO.: 1039	STATUS: Remedial Action Underway
REPORT DATE: 03/01/89	SUBSTANCE: Not Reported
CASE TYPE: Other	ABATEMENT METHOD: Excavate And Dispose
CASE CLOSED:	POLLUTION CHARACTERIZATION: 07/20/88
REMEDIAL ACTION: 01/02/91	POST REMEDIAL ACTION MONITORING:
REMEDICATION PLAN: 11/30/89	PRELIMINARY SITE ASSESSMENT UNDERWAY: 05/31/88
LEAK BEING CONFIRMED:	PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
LEAK CAUSE: Structure Failure	

CASE NO.: 01-1466	STATUS: Remedial Action Underway
REPORT DATE: Not Reported	SUBSTANCE: Not Reported
CASE TYPE: Not Reported	ABATEMENT METHOD: Not Reported
CASE CLOSED:	POLLUTION CHARACTERIZATION:
REMEDIAL ACTION:	POST REMEDIAL ACTION MONITORING:
REMEDICATION PLAN:	PRELIMINARY SITE ASSESSMENT UNDERWAY:
LEAK BEING CONFIRMED:	PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
LEAK CAUSE:	

06005017002	Oakland Federal Building DISTANCE FROM SITE: 0.38 Miles DIRECTION FROM SITE: Southwest	1305 Clay St Oakland, CA 94612-52ND COUNTY: Alameda	45
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CASE NO.: 3617	STATUS: Case Closed
REPORT DATE: 01/24/91	SUBSTANCE: Not Reported
CASE TYPE: Soil Only	ABATEMENT METHOD: Excavate And Dispose
CASE CLOSED: 07/15/96	POLLUTION CHARACTERIZATION:
REMEDIAL ACTION:	POST REMEDIAL ACTION MONITORING:
REMEDICATION PLAN:	PRELIMINARY SITE ASSESSMENT UNDERWAY:
LEAK BEING CONFIRMED:	PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 04/29/91
LEAK CAUSE: Structure Failure	

CASE NO.: 01-1071	STATUS: Case Closed
REPORT DATE: Not Reported	SUBSTANCE: Not Reported
CASE TYPE: Not Reported	ABATEMENT METHOD: Not Reported
CASE CLOSED:	POLLUTION CHARACTERIZATION:
REMEDIAL ACTION:	POST REMEDIAL ACTION MONITORING:
REMEDICATION PLAN:	PRELIMINARY SITE ASSESSMENT UNDERWAY:
LEAK BEING CONFIRMED:	PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
LEAK CAUSE:	

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ERIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 10

ERIS Report #230411A

Mar 9, 1998

ERIS ID	FACILITY	ADDRESS	MAP ID
06005007741	Dava's Complete Auto Service DISTANCE FROM SITE: 0.39 Miles DIRECTION FROM SITE: Northwest	2250 Telegraph Ave Oakland, CA 94612-2331 COUNTY: Alameda	47
	CASE NO.: 1040 REPORT DATE: 05/23/91 CASE TYPE: Soil Only CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Leak Being Confirmed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Treat POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	CASE NO.: 01-0475 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Leak Being Confirmed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005013183	Kaiser Center Inc DISTANCE FROM SITE: 0.39 Miles DIRECTION FROM SITE: Southeast	300 Lakeside Dr Oakland, CA 94612-3510 COUNTY: Alameda	46
	CASE NO.: 4011 REPORT DATE: 03/20/91 CASE TYPE: Other CASE CLOSED: 11/09/95 REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: 11/24/92 LEAK CAUSE: Overfill	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 10/29/90 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	CASE NO.: 01-0840 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005013786	Lake Point Towers Ltd DISTANCE FROM SITE: 0.40 Miles DIRECTION FROM SITE: Southeast	101 Lakeside Dr Oakland, CA 94612 COUNTY: Alameda	48
	CASE NO.: 01-0876 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005003740	Bramalea Pacific DISTANCE FROM SITE: 0.41 Miles DIRECTION FROM SITE: Southwest	12th St At Clay St Oakland, CA 94607 COUNTY: Alameda	49
	CASE NO.: 01-0233 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Leak Being Confirmed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	

ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 11

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06005005349	Chevron DISTANCE FROM SITE: 0.42 Miles DIRECTION FROM SITE: Northeast	210 Grand Ave Oakland, CA 94610-4555 COUNTY: Alameda	53
	CASE NO.: 1110 REPORT DATE: 06/30/89 CASE TYPE: Other CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: 04/15/92 LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Remediation Plan SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Treat POLLUTION CHARACTERIZATION: 06/01/89 POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 03/31/89 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	CASE NO.: 01-0341 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Remediation Plan SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005009712	Fire Alarm Station DISTANCE FROM SITE: 0.42 Miles DIRECTION FROM SITE: Southeast	1310 Oak St Oakland, CA 94612-4353 COUNTY: Alameda	50
	CASE NO.: 4605 REPORT DATE: 07/30/93 CASE TYPE: Soil Only CASE CLOSED: 05/04/94 REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: 08/11/93 LEAK CAUSE: Unknown	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	CASE NO.: 01-1837 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005017697	Pacific Renaissance Plaza DISTANCE FROM SITE: 0.42 Miles DIRECTION FROM SITE: Southwest	1000 Franklin St Oakland, CA 94607 COUNTY: Alameda	51
	CASE NO.: 4036 REPORT DATE: 10/11/88 CASE TYPE: Other CASE CLOSED: REMEDIAL ACTION: 11/01/90 REMEDICATION PLAN: LEAK BEING CONFIRMED: 04/27/92 LEAK CAUSE: Structure Failure	STATUS: Remedial Action Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 05/29/92 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	CASE NO.: 01-1126 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDICATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Remedial Action Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005024714	U S Postal Service DISTANCE FROM SITE: 0.42 Miles DIRECTION FROM SITE: Northwest	577 W Grand Ave Oakland, CA 94612-1652 COUNTY: Alameda	54

ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 12

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
	CASE NO.: 01-1706 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005003741	Bramalea Pacific DISTANCE FROM SITE: 0.43 Miles DIRECTION FROM SITE: Southwest	13th St At Jefferson St Oakland, CA 94612 COUNTY: Alameda	55
	CASE NO.: 01-0234 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Remedial Action Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005016615	Negherbon Lincoln Mercury DISTANCE FROM SITE: 0.43 Miles DIRECTION FROM SITE: Northeast	2345 Broadway Oakland, CA 94612-2414 COUNTY: Alameda	57
	CASE NO.: 1099 REPORT DATE: 12/06/91 CASE TYPE: Other CASE CLOSED: 09/13/94 REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 03/04/92	
	CASE NO.: 01-1037 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005017022	Oakland Tribune Old DISTANCE FROM SITE: 0.43 Miles DIRECTION FROM SITE: Northeast	2302 Valdez St Oakland, CA 94612-3112 COUNTY: Alameda	56
	CASE NO.: 3663 REPORT DATE: 09/20/89 CASE TYPE: Other CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Pollution Characterization SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Treat POLLUTION CHARACTERIZATION: 08/15/89 POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 08/30/88 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	CASE NO.: 01-1469 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Pollution Characterization SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005000273	7 Eleven DISTANCE FROM SITE: 0.44 Miles DIRECTION FROM SITE: Northeast	2350 Harrison St Oakland, CA 94612-3712 COUNTY: Alameda	63

ERIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 13

ERIS Report #230411A

Mar 9, 1998

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ERIS ID	FACILITY	ADDRESS	MAP ID
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CASE NO.: 01NCY0001 REPORT DATE: 12/12/92 CASE TYPE: Soil Only CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: No Action SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
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06005013781	Lake Merritt Lodge DISTANCE FROM SITE: 0.44 Miles DIRECTION FROM SITE: Northeast	2332 Harrison St Oakland, CA 94612-3712 COUNTY: Alameda	62
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CASE NO.: 4604 REPORT DATE: 08/20/93 CASE TYPE: Other CASE CLOSED: 04/19/94 REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: 08/19/93 LEAK CAUSE: Unknown	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
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CASE NO.: 01-1846 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
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06005017001	Oakland Community Development DISTANCE FROM SITE: 0.44 Miles DIRECTION FROM SITE: Northwest	690 15th St Oakland, CA 94612-1224 COUNTY: Alameda	61
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CASE NO.: 01-1070 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Preliminary Site Assessment Underway SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
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06005027089	Western Union DISTANCE FROM SITE: 0.44 Miles DIRECTION FROM SITE: Southeast	125 12th St Oakland, CA 94607-4912 COUNTY: Alameda	59
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CASE NO.: 3741 REPORT DATE: 09/24/90 CASE TYPE: Soil Only CASE CLOSED: 08/09/95 REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: 03/09/92 LEAK CAUSE: Structure Failure	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Dispose POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 09/28/90 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED: 11/28/90
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CASE NO.: 01-1668 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
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06005022628	St Francis De Salles Comm Ctr DISTANCE FROM SITE: 0.47 Miles DIRECTION FROM SITE: Northwest	635 22nd St Oakland, CA 94612-1615 COUNTY: Alameda	65
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ERIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
 LRST - PLOTTABLE SITES - PAGE 14

ERIS Report #230411A

Mar 9, 1998

ERIS ID	FACILITY	ADDRESS	MAP ID
	CASE NO.: 01NCY0262 REPORT DATE: Not Reported CASE TYPE: Undefined CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE: Unknown	STATUS: No Action SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005006648	City Of Oakland Redev Agency DISTANCE FROM SITE: 0.49 Miles DIRECTION FROM SITE: Southwest	1330 Martin Luther King Jr Way Oakland, CA 94607 COUNTY: Alameda	66
	CASE NO.: 3623 REPORT DATE: 07/27/88 CASE TYPE: Other CASE CLOSED: 05/05/95 REMEDIAL ACTION: 04/10/91 REMEDIATION PLAN: 10/15/91 LEAK BEING CONFIRMED: LEAK CAUSE: Structure Failure	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Excavate And Treat POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: 07/25/88 PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	CASE NO.: 01-1077 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005011253	Greyhound Line Inc DISTANCE FROM SITE: 0.49 Miles DIRECTION FROM SITE: Northwest	2103 San Pablo Ave Oakland, CA 94612-1308 COUNTY: Alameda	67
	CASE NO.: 3809 REPORT DATE: 07/24/89 CASE TYPE: Other CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: 03/20/92 LEAK CAUSE: Structure Failure	STATUS: Pollution Characterization SUBSTANCE: Not Reported ABATEMENT METHOD: No Action Taken POLLUTION CHARACTERIZATION: 07/20/92 POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	CASE NO.: 01-0722 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Pollution Characterization SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
06005015556	Mobil DISTANCE FROM SITE: 0.50 Miles DIRECTION FROM SITE: Northwest	160 14th St Oakland, CA 94612-4311 COUNTY: Alameda	68
	CASE NO.: 01-0992 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMEDIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Leak Being Confirmed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	



ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA UNDERGROUND STORAGE TANK REPORT  
 RST - PLOTTABLE SITES - PAGE 1

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06010017358	Douglas Parking Co DISTANCE FROM SITE: 0.01 Miles DIRECTION FROM SITE: Northwest	1721 Webster St Oakland, CA 94612-3411 COUNTY: Alameda	1
BUSINESS DESCRIPTION: Gas Station NUMBER OF TANKS: 3		MANAGER: Not Reported (510) 444-7412	
CAPACITY: 1000 G SUBSTANCE: Premium Unleaded STATUS: Removed		TANK DESCRIPTION: Single Wall TANK MATERIAL: Bare Steel	
CAPACITY: 500 G SUBSTANCE: Regular Unleaded STATUS: Removed		TANK DESCRIPTION: Single Wall TANK MATERIAL: Bare Steel	
CAPACITY: 500 G SUBSTANCE: Not Reported STATUS: Removed		TANK DESCRIPTION: Single Wall TANK MATERIAL: Bare Steel	
06010000209	19th & Harrison St. DISTANCE FROM SITE: 0.03 Miles DIRECTION FROM SITE: Northeast	1833 Harrison St Oakland, CA 94612-3403 COUNTY: Alameda	2
BUSINESS DESCRIPTION: Car Rental NUMBER OF TANKS: 2		MANAGER: Leland Douglas (415) 444-7412	
CAPACITY: 5000 G SUBSTANCE: Regular Unleaded STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
CAPACITY: 550 G SUBSTANCE: Regular Unleaded STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
06010059272	Vacant Lot DISTANCE FROM SITE: 0.04 Miles DIRECTION FROM SITE: Northeast	1881 Harrison St Oakland, CA 94612-3403 COUNTY: Alameda	3
BUSINESS DESCRIPTION: Not Supplied NUMBER OF TANKS: 1		MANAGER: Not Reported (415) 956-4446	
CAPACITY: 0 G SUBSTANCE: Unknown STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
06010042987	Pg&e Regional Headquarters DISTANCE FROM SITE: 0.07 Miles DIRECTION FROM SITE: Northeast	1919 Webster St Oakland, CA 94612-2909 COUNTY: Alameda	7
BUSINESS DESCRIPTION: Public Utility NUMBER OF TANKS: 1		MANAGER: Not Reported (415) 874-2422	
CAPACITY: 6000 G SUBSTANCE: Regular Unleaded STATUS: Active		TANK DESCRIPTION: Single Wall TANK MATERIAL: Bare Steel	
06010030331	Kaiser Foundation Health Plan DISTANCE FROM SITE: 0.08 Miles DIRECTION FROM SITE: Northeast	1935 Webster St Oakland, CA 94612-2909 COUNTY: Alameda	8
BUSINESS DESCRIPTION: Office Building NUMBER OF TANKS: 2		MANAGER: John Eckmann (510) 987-4050	
CAPACITY: 5000 G SUBSTANCE: Not Reported STATUS: Removed		TANK DESCRIPTION: Single Wall TANK MATERIAL: Bare Steel	
CAPACITY: 6000 G SUBSTANCE: Not Reported STATUS: Active		TANK DESCRIPTION: Double Wall TANK MATERIAL: Fiberglass	



ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA UNDERGROUND STORAGE TANK REPORT  
 RST - PLOTTABLE SITES - PAGE 3

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06010045639	Regional Offices DISTANCE FROM SITE: 0.15 Miles DIRECTION FROM SITE: Northwest	1924 Broadway Oakland, CA 94612-2206 COUNTY: Alameda	14
BUSINESS DESCRIPTION: Company Fueling Stat NUMBER OF TANKS: 1		MANAGER: Joe Randisi (415) 428-6082	
CAPACITY: 5000 G SUBSTANCE: Regular Unleaded STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
06010025688	Harrison Street Garage DISTANCE FROM SITE: 0.17 Miles DIRECTION FROM SITE: Southwest	1432 Harrison St Oakland, CA 94612-3903 COUNTY: Alameda	18
BUSINESS DESCRIPTION: Parking NUMBER OF TANKS: 3		MANAGER: Ronald S. Douglas (415) 444-7412	
CAPACITY: 1000 G SUBSTANCE: Regular Unleaded STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
CAPACITY: 1000 G SUBSTANCE: Regular Unleaded STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
CAPACITY: 1000 G SUBSTANCE: Regular Unleaded STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
06010018931	Emporium-capwell DISTANCE FROM SITE: 0.21 Miles DIRECTION FROM SITE: Northwest	20th St At Broadway Oakland, CA 94612 COUNTY: Alameda	23
BUSINESS DESCRIPTION: Retail-dept. Store NUMBER OF TANKS: 2		MANAGER: Not Reported (415) 764-3483	
CAPACITY: 2000 G SUBSTANCE: Not Reported STATUS: Removed		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
CAPACITY: 2000 G SUBSTANCE: Not Reported STATUS: Removed		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
06010025685	Harrison Car Wash DISTANCE FROM SITE: 0.21 Miles DIRECTION FROM SITE: Southwest	301 14th St Oakland, CA 94612-3906 COUNTY: Alameda	21
BUSINESS DESCRIPTION: Gas Station NUMBER OF TANKS: 3		MANAGER: Robert S. Patterson (415) 835-0779	
CAPACITY: 10000 G SUBSTANCE: Regular Unleaded STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
CAPACITY: 10000 G SUBSTANCE: Not Reported STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
CAPACITY: 5000 G SUBSTANCE: Regular Unleaded STATUS: Active		TANK DESCRIPTION: Unknown TANK MATERIAL: Unknown	
06010000191	1330 Broadway Garage DISTANCE FROM SITE: 0.25 Miles DIRECTION FROM SITE: Southwest	420 13th St Oakland, CA 94612-2602 COUNTY: Alameda	27
BUSINESS DESCRIPTION: Garage NUMBER OF TANKS: 4		MANAGER: Not Reported (510) 451-5836	
CAPACITY: 6000 G SUBSTANCE: Regular Unleaded STATUS: Removed		TANK DESCRIPTION: Single Wall TANK MATERIAL: Bare Steel	

ERIIS ENVIRONMENTAL DATA REPORT  
CALIFORNIA UNDERGROUND STORAGE TANK REPORT  
RST - PLOTTABLE SITES - PAGE 4

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
	CAPACITY: 5000 G SUBSTANCE: Not Reported STATUS: Removed	TANK DESCRIPTION: Single Wall TANK MATERIAL: Bare Steel	
	CAPACITY: 3000 G SUBSTANCE: Not Reported STATUS: Removed	TANK DESCRIPTION: Single Wall TANK MATERIAL: Bare Steel	
	CAPACITY: 600 G SUBSTANCE: Oil STATUS: Removed	TANK DESCRIPTION: Single Wall TANK MATERIAL: Bare Steel	

ERIIS ENVIRONMENTAL DATA REPORT  
CALIFORNIA SOLID WASTE INFORMATION SYSTEM  
SWF - PLOTTABLE SITES - PAGE 1

ERIIS Report #230411A

Mar 9, 1998

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ERIIS ID SWIS ID	FACILITY	ADDRESS	MAP ID
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06042001576 01-CR-0033	Galbraith Golf Course DISTANCE FROM SITE: 0.44 Miles DIRECTION FROM SITE: Southwest	Sw Of Doolittle Dr X Airport Rd Oakland, CA COUNTY: Alameda	58
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OWNER:

OWNER CONTACT:

CLASSIFICATION:  
CATEGORY:  
ACTIVITY: Solid Waste Disposal Site

REGULATORY STATUS: Proposed  
OPERATIONAL STATUS: Closed

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06042001577 01-CR-0034	North Port Of Oakland Refuse Ds/raiders DISTANCE FROM SITE: 0.44 Miles DIRECTION FROM SITE: Southwest	Doolittle Rd & Harbor Bay Pkwy Oakland, CA COUNTY: Alameda	58
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OWNER:

OWNER CONTACT:

CLASSIFICATION:  
CATEGORY:  
ACTIVITY: Solid Waste Landfill

REGULATORY STATUS: Proposed  
OPERATIONAL STATUS: Planned

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ERIIS ENVIRONMENTAL DATA REPORT  
 CALIFORNIA CALSITES  
 HWS - PLOTTABLE SITES - PAGE 1

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID FACILITY ID	FACILITY	ADDRESS	MAP ID
06040000120 01490015	Chinatown Redevelopment - Oakland DISTANCE FROM SITE: 0.42 Miles DIRECTION FROM SITE: Southwest	11th, 10th, webster & Franklin Oakland, CA 94601 COUNTY: Alameda	52
CALSITE STATUS DATE: 07/29/94 CALSITE STATUS: Property/site Referred To Another Agency GROUNDWATER STATUS: Not Reported			
06040010763 01330036	Phoenix 766 Property DISTANCE FROM SITE: 0.71 Miles DIRECTION FROM SITE: Southwest	766 Chester St Oakland, CA 94607 COUNTY: Alameda	69
CALSITE STATUS DATE: 05/10/94 CALSITE STATUS: Voluntary Cleanup Program GROUNDWATER STATUS: Not Reported			
06040000084 01350115	Lakeside Non-ferrous Metals Corp DISTANCE FROM SITE: 0.77 Miles DIRECTION FROM SITE: Southwest	412 Madison St Oakland, CA 94607 COUNTY: Alameda	70
CALSITE STATUS DATE: 06/08/94 CALSITE STATUS: Preliminary Endangerment Assessment Required GROUNDWATER STATUS: Not Reported			
06040010800 01730099	Port Of Oakland/cinema Project DISTANCE FROM SITE: 0.92 Miles DIRECTION FROM SITE: Southwest	Clay & Embarcadero Oakland, CA 94706 COUNTY: Alameda	71
CALSITE STATUS DATE: 11/18/96 CALSITE STATUS: Certified / Operation & Maintenance GROUNDWATER STATUS: Not Reported			
06040010795 01470004	Micronesian Cargo, International DISTANCE FROM SITE: 0.94 Miles DIRECTION FROM SITE: Southwest	955 7th St Oakland, CA 94607 COUNTY: Alameda	72
CALSITE STATUS DATE: // CALSITE STATUS: Preliminary Endangerment Assessment In Progress GROUNDWATER STATUS: Not Reported			
06040000125 01500104	Bedford Property Site DISTANCE FROM SITE: 0.95 Miles DIRECTION FROM SITE: Southwest	54 Embarcadero W Oakland, CA 94607 COUNTY: Alameda	73
CALSITE STATUS DATE: 07/27/94 CALSITE STATUS: Property/site Referred To Rwgcb GROUNDWATER STATUS: Not Reported			
06040010802 01750019	Chang's Automotive DISTANCE FROM SITE: 1.00 Miles DIRECTION FROM SITE: Southwest	1009 7th St Oakland, CA 94607 COUNTY: Alameda	75
CALSITE STATUS DATE: 05/10/94 CALSITE STATUS: Voluntary Cleanup Program GROUNDWATER STATUS: Not Reported			

ERIIS ENVIRONMENTAL DATA REPORT  
SPILLS, LEAKS, INVESTIGATIONS AND CLEANUPS REPORT  
SPILLS - PLOTTABLE SITES - PAGE 1

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06021004629	Frank Mar Community Housing Project DISTANCE FROM SITE: 0.25 Miles DIRECTION FROM SITE: Southwest  STATUS: Inactive	383 13th St Oakland, CA 94612-2636 COUNTY: Alameda	26
06021005174	Ice Ventures Project DISTANCE FROM SITE: 0.25 Miles DIRECTION FROM SITE: Northwest  STATUS: Closed	540 17th St Oakland, CA 94612-1504 COUNTY: Alameda	28
06021004806	Oakland Tribune DISTANCE FROM SITE: 0.26 Miles DIRECTION FROM SITE: Southwest  STATUS: Inactive	409 13th St Oakland, CA 94612-2637 COUNTY: Alameda	29
06021004814	Lake Merritt Towers DISTANCE FROM SITE: 0.34 Miles DIRECTION FROM SITE: Northeast  STATUS: Inactive	Valdez St At Grand Ave Oakland, CA 94607 COUNTY: Alameda	38
06021004652	City Of Oakland Redevelopment Agency DISTANCE FROM SITE: 0.35 Miles DIRECTION FROM SITE: Southwest  STATUS: Active	11th St At Webster St Oakland, CA 94607 COUNTY: Alameda	40
06021004615	Oakland Redevelopment Agency DISTANCE FROM SITE: 0.37 Miles DIRECTION FROM SITE: Southwest  STATUS: Inactive	1300 Clay St Oakland, CA 94612-1425 COUNTY: Alameda	43
06021004762	Project Report DISTANCE FROM SITE: 0.44 Miles DIRECTION FROM SITE: Southwest  STATUS: Inactive	1155 Clay St Oakland, CA 94607-4035 COUNTY: Alameda	60
06021004787	City Center Garage West Site DISTANCE FROM SITE: 0.46 Miles DIRECTION FROM SITE: Southwest  STATUS: Inactive	12th St At Jefferson St Oakland, CA 94607 COUNTY: Alameda	64

ERIS ENVIRONMENTAL DATA REPORT  
 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM - TSD'S SUBJECT TO CORRECTIVE ACTION  
 RCRIS\_CA - PLOTTABLE SITES - PAGE 1

ERIS Report #230411A

Mar 9, 1998

ERIS ID	FACILITY	ADDRESS	MAP ID
EPA ID			
06071000086	Safety Kleen Corp 7 178 01	404 Market St	74
CAD053044053	DISTANCE FROM SITE: 0.95 Miles DIRECTION FROM SITE: Southwest	Oakland, CA 94607-3034 County: Alameda	

Facility Is Not Reported In Raats

FACILITY VIOLATIONS:

1.	DATE DETERMINED:	10/02/90	DATE RESOLVED:	07/30/93
	AREA OF VIOLATION:	Tsd-other Requirements		
2.	DATE DETERMINED:	10/02/90	DATE RESOLVED:	07/30/93
	AREA OF VIOLATION:	Tsd-closure/post-closure Requirements		
3.	DATE DETERMINED:	02/27/90	DATE RESOLVED:	07/30/93
	AREA OF VIOLATION:	Tsd-other Requirements		
4.	DATE DETERMINED:	02/17/89	DATE RESOLVED:	09/26/91
	AREA OF VIOLATION:	Tsd-land Ban Requirements		
5.	DATE DETERMINED:	02/17/89	DATE RESOLVED:	07/30/93
	AREA OF VIOLATION:	Generator-land Ban Requirements		
6.	DATE DETERMINED:	02/17/89	DATE RESOLVED:	07/30/93
	AREA OF VIOLATION:	Tsd-other Requirements		
7.	DATE DETERMINED:	02/17/89	DATE RESOLVED:	07/30/93
	AREA OF VIOLATION:	Tsd-closure/post-closure Requirements		
8.	DATE DETERMINED:	08/23/88	DATE RESOLVED:	11/15/88
	AREA OF VIOLATION:	Tsd-other Requirements		
9.	DATE DETERMINED:	07/06/88	DATE RESOLVED:	11/15/88
	AREA OF VIOLATION:	Tsd-financial Responsibility Requirements		
10.	DATE DETERMINED:	05/19/88	DATE RESOLVED:	07/02/88
	AREA OF VIOLATION:	Tsd-financial Responsibility Requirements		

FACILITY EVALUATIONS:

1.	EVALUATION DATE:	05/19/88	EVALUATION AGENCY:	State
	TYPE OF EVALUATION:	Financial Record Review		
	AREA(S) OF EVALUATION:	Tsd-financial Responsibility Requirements		
2.	EVALUATION DATE:	07/06/88	EVALUATION AGENCY:	State
	TYPE OF EVALUATION:	Financial Record Review		
	AREA(S) OF EVALUATION:	Tsd-financial Responsibility Requirements		
3.	EVALUATION DATE:	08/23/88	EVALUATION AGENCY:	State
	TYPE OF EVALUATION:	Compliance Evaluation Inspection		
	AREA(S) OF EVALUATION:	Tsd-closure/post-closure Requirements Tsd-other Requirements		
4.	EVALUATION DATE:	02/17/89	EVALUATION AGENCY:	State
	TYPE OF EVALUATION:	Compliance Evaluation Inspection		
	AREA(S) OF EVALUATION:	Tsd-closure/post-closure Requirements Tsd-land Ban Requirements Tsd-other Requirements Generator-land Ban Requirements		
5.	EVALUATION DATE:	02/27/90	EVALUATION AGENCY:	State
	TYPE OF EVALUATION:	Compliance Evaluation Inspection		
	AREA(S) OF EVALUATION:	Tsd-closure/post-closure Requirements Tsd-land Ban Requirements Tsd-other Requirements Generator-land Ban Requirements		
6.	EVALUATION DATE:	10/02/90	EVALUATION AGENCY:	State
	TYPE OF EVALUATION:	Compliance Evaluation Inspection		
	AREA(S) OF EVALUATION:	Tsd-closure/post-closure Requirements Tsd-land Ban Requirements Tsd-other Requirements Generator-land Ban Requirements		

FACILITY ENFORCEMENTS:

1.	ENFORCEMENT DATE:	05/26/1988	ENFORCEMENT AGENCY:	State
	TYPE OF ACTION:	Written, Informal Administrative Action		
	PENALTY(S):			
2.	ENFORCEMENT DATE:	11/30/1988	ENFORCEMENT AGENCY:	State
	TYPE OF ACTION:	Written, Informal Administrative Action		
	PENALTY(S):			



ERIIS ENVIRONMENTAL DATA REPORT  
 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM - TSD'S SUBJECT TO CORRECTIVE ACTION  
 RCRIS\_CA - PLOTTABLE SITES - PAGE 2

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
EPA ID			

- |    |                   |   |                           |
|----|-------------------|---|---------------------------|
| 3. | ENFORCEMENT DATE: | 06/27/1989                              | ENFORCEMENT AGENCY: State |
|    | TYPE OF ACTION:   | Written, Informal Administrative Action |                           |
|    | PENALTY(S):       |   |                           |
| 4. | ENFORCEMENT DATE: | 08/08/1990                              | ENFORCEMENT AGENCY: State |
|    | TYPE OF ACTION:   | Written, Informal Administrative Action |                           |
|    | PENALTY(S):       |   |                           |
| 5. | ENFORCEMENT DATE: | 03/20/1991                              | ENFORCEMENT AGENCY: State |
|    | TYPE OF ACTION:   | Written, Informal Administrative Action |                           |
|    | PENALTY(S):       |   |                           |

CORRECTIVE ACTIONS:

- |    |                    |   |  |
|----|--------------------|---|--|
| 1. | ACTION ISSUE DATE: | 02/05/92  |  |
|    | TYPE OF ACTION:    | Operating Permit  |  |
| 2. | ACTION ISSUE DATE: | 02/05/92  |  |
|    | TYPE OF ACTION:    | Operating Permit  |  |
|    |                    |   |  |
| 1. | ACTION EFFECTIVE   | 03/05/92  |  |
|    | STATUTE VIOLATED:  | Rcra 3008(a) Or Equivalent  |  |
| 2. | ACTION EFFECTIVE   | 03/15/92  |  |
|    | STATUTE VIOLATED:  | Rcra 3008(a) Or Equivalent  |  |
|    |                    |   |  |
| 1. | EVENT ACTUAL DATE: | 01/01/96  |  |
|    | SITE EVENT:        | Referred To A Non-rcra Federal Authority--facility Referred To Cercla |  |
| 2. | EVENT ACTUAL DATE: | 09/27/90  |  |
|    | SITE EVENT:        | Rfa Completed   |  |
| 3. | EVENT ACTUAL DATE: | 06/18/93  |  |
|    | SITE EVENT:        | Ca Prioritization--facility Assigned A Low Corrective Action Priority |  |
| 4. | EVENT ACTUAL DATE: | 02/23/96  |  |
|    | SITE EVENT:        | Rfi Workplan Approved   |  |
| 5. | EVENT ACTUAL DATE: | 05/20/96  |  |
|    | SITE EVENT:        | Rfi Approved  |  |

Summary of Unplottable sites

ERIIS Report #230411A

Mar 9, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	SELECTED BY
06005029206 LRST	Delta High School Netherlands Rd Clarksburg, CA 94612 County: Alameda	ZIP code
06005030819 LRST	Old Oakland Tribune Garage Valdez & 13th Oakland, CA 94612 County: Alameda	ZIP code

ERIIS ENVIRONMENTAL DATA REPORT  
CALIFORNIA LEAKING UNDERGROUND STORAGE TANK REPORT  
LRST - UNPLOTTABLE SITES

ERIIS Report #230411A

Mar 9, 1998

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ERIIS ID	FACILITY	ADDRESS
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06005029206	Delta High School	Netherlands Rd Clarksburg, CA 94612 COUNTY: Alameda
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CASE NO.: 570123 REPORT DATE: Not Reported CASE TYPE: Soil Only CASE CLOSED: REMEDIAL ACTION: REMIADIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Case Closed SUBSTANCE: Gasoline ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
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06005030819	Old Oakland Tribune Garage	Valdez & 13th Oakland, CA 94612 COUNTY: Alameda
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CASE NO.: 01-1090 REPORT DATE: Not Reported CASE TYPE: Not Reported CASE CLOSED: REMEDIAL ACTION: REMIADIATION PLAN: LEAK BEING CONFIRMED: LEAK CAUSE:	STATUS: Leak Being Confirmed SUBSTANCE: Not Reported ABATEMENT METHOD: Not Reported POLLUTION CHARACTERIZATION: POST REMEDIAL ACTION MONITORING: PRELIMINARY SITE ASSESSMENT UNDERWAY: PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:
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**APPENDIX B**  
**GEOPHYSICAL SURVEY REPORT**

March 2, 1998

Mr. Jack McCubbin  
ATC Associates Inc.  
6666 Owens Drive  
Pleasanton, CA 94588

Dear Mr. McCubbin:

This report presents the findings of the geophysical investigation performed by NORCAL Geophysical Consultants, Inc. on three parcels of property located adjacent to Webster, 19<sup>th</sup>, and Harrison Streets in Oakland, California. The survey was conducted on February 7 and 17, 1998 by NORCAL Geophysicists, Donald J. Kirker and David Bissiri. Logistical support was provided by Jack McCubbin of ATC Associates Inc.

#### SITE DESCRIPTION

The geophysical survey, as specified by ATC Associates Inc., was conducted on three parcels of property, designated as Parcel 1, 2, and 3. Parcel 1 is an asphalt covered parking lot that measures approximately 155 by 153 feet. It is bound by 19th Street to the north, Harrison Street to the east, and a building and retaining walls to the west and south, as shown on Plate 1. A reinforced concrete pad and metal posts are located in the northwest corner of the survey area. A large metal sign, telephone booth, and metal posts are located in the east portion of the survey area along Harrison Street. The remaining site is open and free from above ground features.

Parcels 2 and 3 are located adjacent to each other and comprise an asphalt covered parking lot that measures approximately 150 by 96 feet. It is bound by a building to the south, Webster Street to the west, a metal bumper guard and parking lot to the north, and a chain link fence and parking lot to the north, as shown on Plate 2. A telephone booth, metal sign, and metal posts are located along the west boundary of the survey area. The remaining site is open and free from above ground features.

#### PURPOSE

Future plans for these parcels, as specified by ATC, include excavations for proposed structures. The excavation on Parcel 1 will be created for a basement of a proposed building, whereas, the excavations on Parcels 2 and 3 will be for a proposed parking



ATC Associates Inc.  
March 2, 1998  
Page 2

structure. Therefore, the purpose of the geophysical survey is to obtain subsurface information that will aid in determining the locations of possible utilities, vaults, underground storage tanks (UST's), and other facilities prior to planning the excavations.

### METHODOLOGY

We used the vertical magnetic gradient (VMG), ground penetrating radar (GPR), and electromagnetic line locating (EMLL) methods. The VMG method was used to determine the location of buried ferrous metal that may indicate the presence of UST's, vaults, or metal debris. The GPR and EMLL methods were used to aid in further characterizing the source of any detected VMG anomalies. We also used the EMLL method to investigate each parcel for unknown or undocumented utility alignments. Descriptions of the VMG, GPR, and EMLL methods are provided in Appendix A, of this report.

### DATA ACQUISITION

#### Parcel 1

On Parcel 1, VMG data were collected at 5 foot intervals (stations) along west-east trending traverses spaced 10 feet apart, as shown on Plate 1. Upon completion of the survey, we downloaded the VMG data to a portable computer and produced a preliminary contour map. We then examined the contour map for indications of anomalously high (or low) VMG variations. GPR and EMLL techniques were used over each detected anomaly. In addition, EMLL equipment was operated systematically throughout each survey area. GPR data were obtained along both south-north and west-east trending traverses, ranging in length from 20 to 150 feet. The location of these traverses are shown on Plate 1.

#### Parcel 2 and 3

On Parcel 2 and 3, VMG data were collected at 5 foot intervals (stations) along west-east trending traverses spaced 10 feet apart over the northern most 70 feet of the site, as shown on Plate 2. Parked vehicles precluded the use of VMG in the south portion of the site during our initial investigation. Upon completion of the VMG



ATC Associates Inc.  
March 2, 1998  
Page 3

survey, we produced a contour map indicating anomalously high (or low) VMG variations. During our second site visit, GPR and EMLL techniques were used over each detected anomaly, as well as in the southern portion not previously surveyed. GPR data were obtained along both south-north and west-east trending traverses ranging in length from 20 to 145 feet. The location of these traverses are shown on Plate 2.

## DATA ANALYSIS

### Computer Processing

We down loaded the VMG data to a portable computer using the software package "Envimap" by Scintrex, Ltd. We then used the computer program "Surfer" by Golden Software to calculate an evenly spaced array of values (gridded) based on the observed field data. We also used Surfer to contour the gridded values and produce the VMG contour maps shown on Plate 1 and 2.

### Contour Map Interpretation

Generally, the vertical magnetic gradient is very small except in the vicinity of ferrous metal objects. Areas where the VMG is large (positive or negative) are represented by closely spaced contours. These areas are defined as anomalies. If the source of a particular anomaly is an isolated object or a group of closely spaced objects, the contours may form circular or elliptical closures. A large accumulation of buried objects may appear as a group of closely spaced anomalies or one large anomaly. Actual anomaly magnitude and shape are dependent on the relative position and size of the buried objects with respect to the location of the measurement points. In general, anomaly magnitude will decrease and anomaly width will increase as the distance (depth) to the source increases. Anomalies may or may not have paired high and low values creating what are known as magnetic dipoles.

UST's typically give rise to VMG anomalies with amplitudes ranging from several hundred to several thousand nanoTeslas per meter (nT/m). Small UST's, such as 300 to 500 gallon tanks, typically are manifested by anomalies that range from 300 to 1,000 nT/m. The lateral extent of UST anomalies are usually somewhat larger than



ATC Associates Inc.  
March 2, 1998  
Page 4

the UST itself, depending on its depth of burial. In addition, the contours often indicate positive values above the UST, and negative values just to the north of it.

#### GPR and EMLL Analysis

We examined the GPR records for hyperbolic reflection patterns characteristic of UST's and underground utilities. We also reviewed the records for changes in reflection character that could indicate the presence of fill material associated with an excavation.

The EMLL instrumentation indicates the presence of buried metal by emitting an audible tone. There are no recorded data to analyze. The locations of buried objects detected with the EMLL method were marked on the ground surface with lumber crayons and documented on a field diagram.

### **RESULTS**

The results of the geophysical investigation are presented on the Parcel 1 and Parcels 2 & 3 Geophysical Survey Maps, Plates 1 and 2, respectively. These maps show the limits of the survey area, structures or above ground cultural features that may be in close proximity to the site, and the locations of detected subsurface features and undifferentiated utilities. Also shown on these maps are the respective VMG contour maps, as well as the location of the GPR traverses. The contour map represents the variations in the vertical magnetic gradient throughout the site. Variations that could not be attributed to above ground cultural effects are considered anomalous, as described above. A description of the results for each site are presented below.

#### Parcel 1

The results of the investigation on Parcel 1 are shown on the Geophysical Survey Map, Plate 1. The EMLL survey defined the location of several undifferentiated utilities, as well as three anomalous zones that are probably due to isolated buried metal. The undifferentiated utilities trend to the center of the survey area from the south and north portions of the site. The anomalous zones of possible isolated buried metal are located in the north half of the survey area. The approximate dimensions





ATC Associates Inc.  
March 2, 1998  
Page 5

of these zones are consistent with utility vaults or small UST's. The surface trace of these features are shown on Plate 1.

The results of the VMG survey indicate a highly variable magnetic gradient throughout most of the site. This is especially evident along the east boundary, and in the south and north portions of the survey area. The variations along the east represent effects from the metal posts, telephone booth, and sign. However, the remaining steep variations (anomalies) in the south and north represent effects from buried metal not associated with known above ground features. The VMG anomalies in the south are manifested by closely spaced contours that exhibit both positive and negative values. The areal extent of these anomalies is very broad, with some of the negative closures measuring up to 30 feet across. The VMG anomalies in the north are more variable and exhibit primarily negative values. The areal extent of these anomalies is also large, especially in the northeast corner of the site. Based on our experience, the distribution and extent of most of these anomalies is not consistent with anomalies that are typical of small UST's. Most of the anomalies shown on Plate 1 are indicative of miscellaneous variable metallic sources that are probably associated with various past uses of the property. Some of the contour closures correspond with the location of the detected utilities. It should be noted, however, that the high intensity of these anomalies may mask effects from sources such as a UST. In addition, it is not possible to differentiate which anomaly could be related to a UST because of the large number of closures defined in these areas.

Anomalies that are typical of buried UST's are located in the center of the survey area and are labeled A through C on Plate 1. As described above, each of these anomalies exhibits an intensities and areal extent that is characteristic of a small UST.

The results of the GPR survey are shown on Plate 1. We obtained GPR data over the steep magnetic variations in the south and north, as well as over Anomalies A through C. In the south and north, the GPR data indicate numerous isolated hyperbolic reflection patterns that correlate with the detected utilities. These records also indicate a zone of strong reflection patterns typical of disturbed subsurface conditions. We refer to this zone as a GPR anomaly on Plate 1. We believe that this area may represent the location of a former excavation. The GPR data do not indicate reflection patterns within the upper two to four feet that could represent additional utilities, buried rubble, or UST's in this area. Therefore, the source of these VMG



ATC Associates Inc.  
March 2, 1998  
Page 6

anomalies are probably deeper than the detection capabilities of the GPR. The results of the GPR survey over the suspect anomalies define reflection patterns characteristic of uniform subsurface conditions. The GPR data do not indicate hyperbolic signatures within the upper two to four feet large enough to represent a vault or UST.

#### Parcel 2/3

The results of the investigation on Parcel 2/3 are shown on the Geophysical Survey Map, Plate 2. The EMLL survey defined the location of an undifferentiated utility along the west boundary of the site, as shown on Plate 2. The EMLL survey did not detect metal utilities or isolated metal objects in the remaining survey area.

The results of the VMG survey indicate closely spaced contours along the perimeter of the site. We believe that these variations represent effects from the metal posts and sign along the west boundary, the metal bumper guard and chain link fence to the north and east, respectively, and the parked cars to the south. Anomalies that are not associated with known features are located in the center of the survey area and are labeled A through D on Plate 2. These anomalies are characterized as high amplitude anomalies with values ranging from 300 to 500 nT/m. It has been our experience that isolated anomalies of these magnitudes and areal extent can be due to many different metallic sources including small vaults or UST's.

Isolated negative closures are indicative of small, near surface metal debris, and typically do not indicate small UST's. Therefore, the anomaly located adjacent to the southwest side of Anomaly A was not noted for further investigations using GPR.

The results of the GPR survey are shown on Plate 2. We obtained GPR data over Anomalies A through D, as well as along the southern portion of the site. The results of the GPR survey over the suspect anomalies define reflection patterns typical of small isolated objects, shallow fill horizons associated with the pavement, and deeper reflecting horizons characteristic of uniform subsurface conditions. The GPR data do not indicate hyperbolic signatures within the upper two to four feet large enough to represent a vault or UST. Therefore, the source of these anomalies may be buried deeper than the GPR detection capabilities. The results of the GPR survey in the south portion of the site indicate reflection patterns typical of disturbed subsurface conditions, as well as uniform subsurface conditions. The disturbed subsurface



ATC Associates Inc.  
March 2, 1998  
Page 7

conditions occur in a zone that measures approximately 5 by 10 feet. We refer to this zone as a GPR anomaly on Plate 2. We believe that this area may represent the location of a former excavation. The GPR data obtained throughout the remaining area indicate reflecting horizons characteristic of uniform subsurface conditions. The GPR data do not indicate hyperbolic signatures within the upper two to four feet that could represent a vault or UST in the remaining area.

#### STANDARD CARE AND WARRANTY

The scope of NORCAL's services for this project consisted of using geophysical methods to explore the area of investigation for underground storage tanks. The accuracy of our findings is subject to specific site conditions and limitations inherent to the techniques used. We performed our services in a manner consistent with the level of skill ordinarily exercised by members of the profession currently employing similar methods. No warranty, with respect to the performance of services or products delivered under this agreement, expressed or implied, is made by NORCAL.

We appreciate having the opportunity to provide our geophysical services to you.

Respectfully,

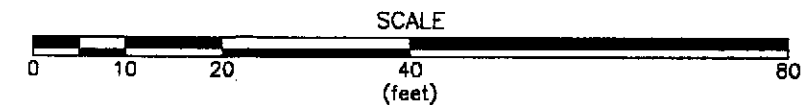
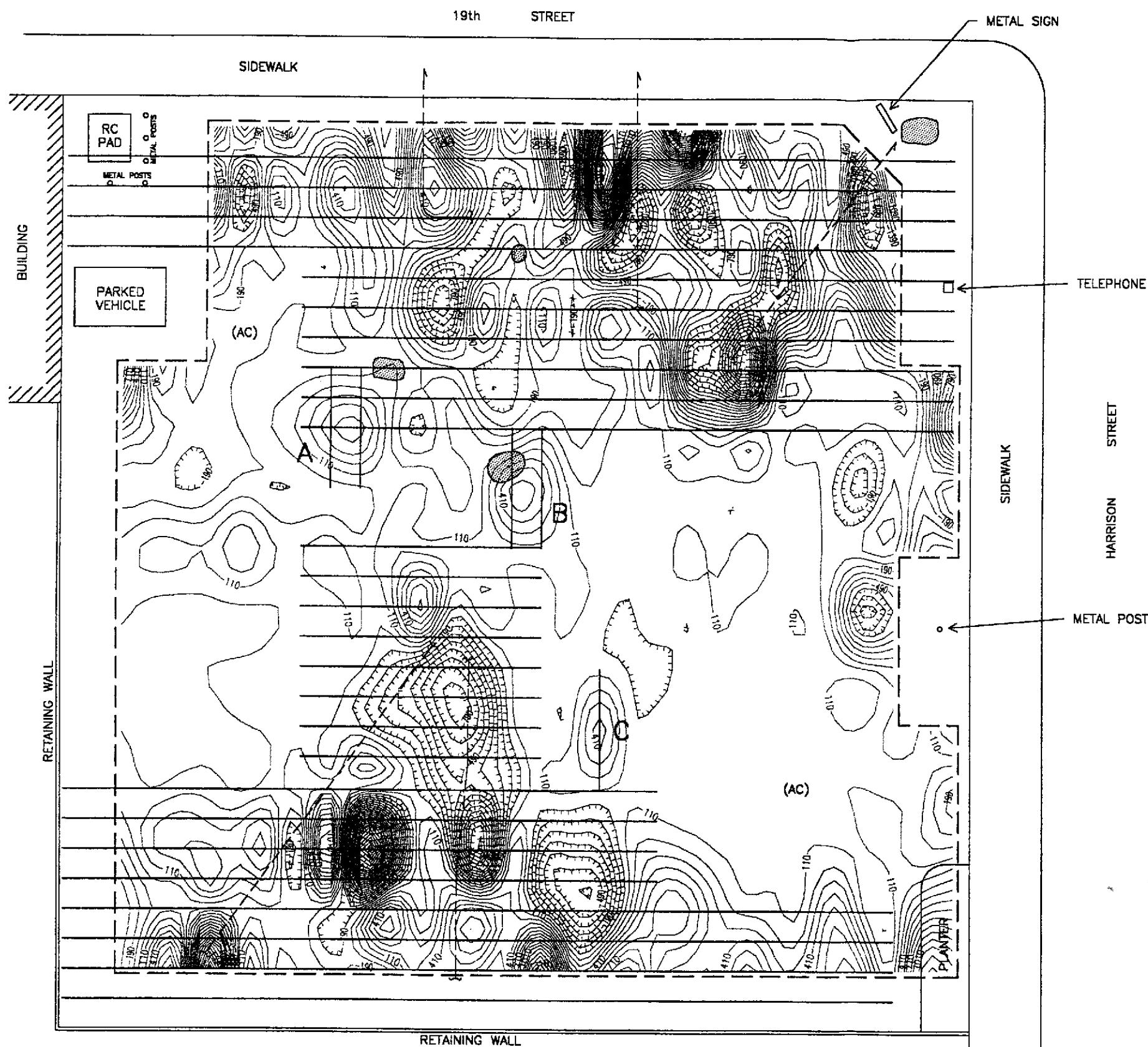
NORCAL Geophysical Consultants, Inc.

*Donald J. Kirker*




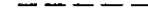

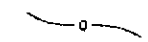
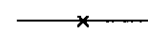

Donald J. Kirker  
Geophysicist, GP-997


DJK/KGB/jh

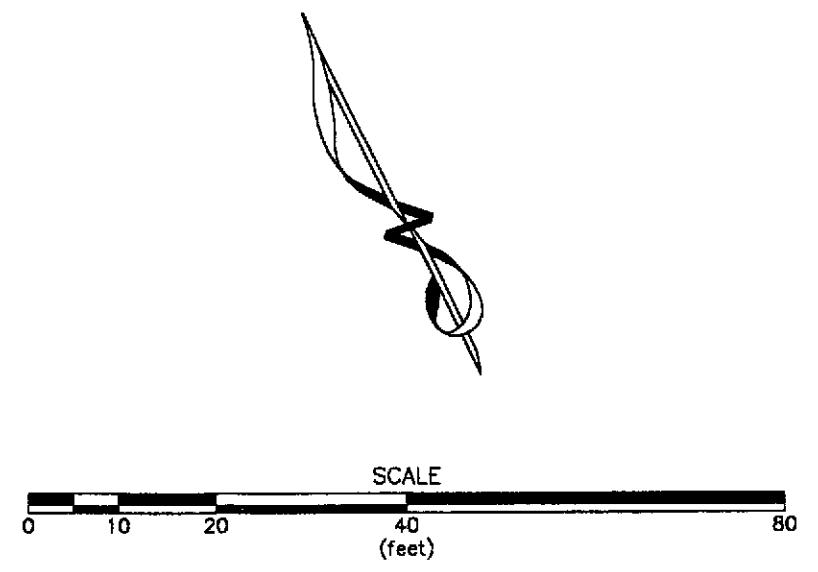
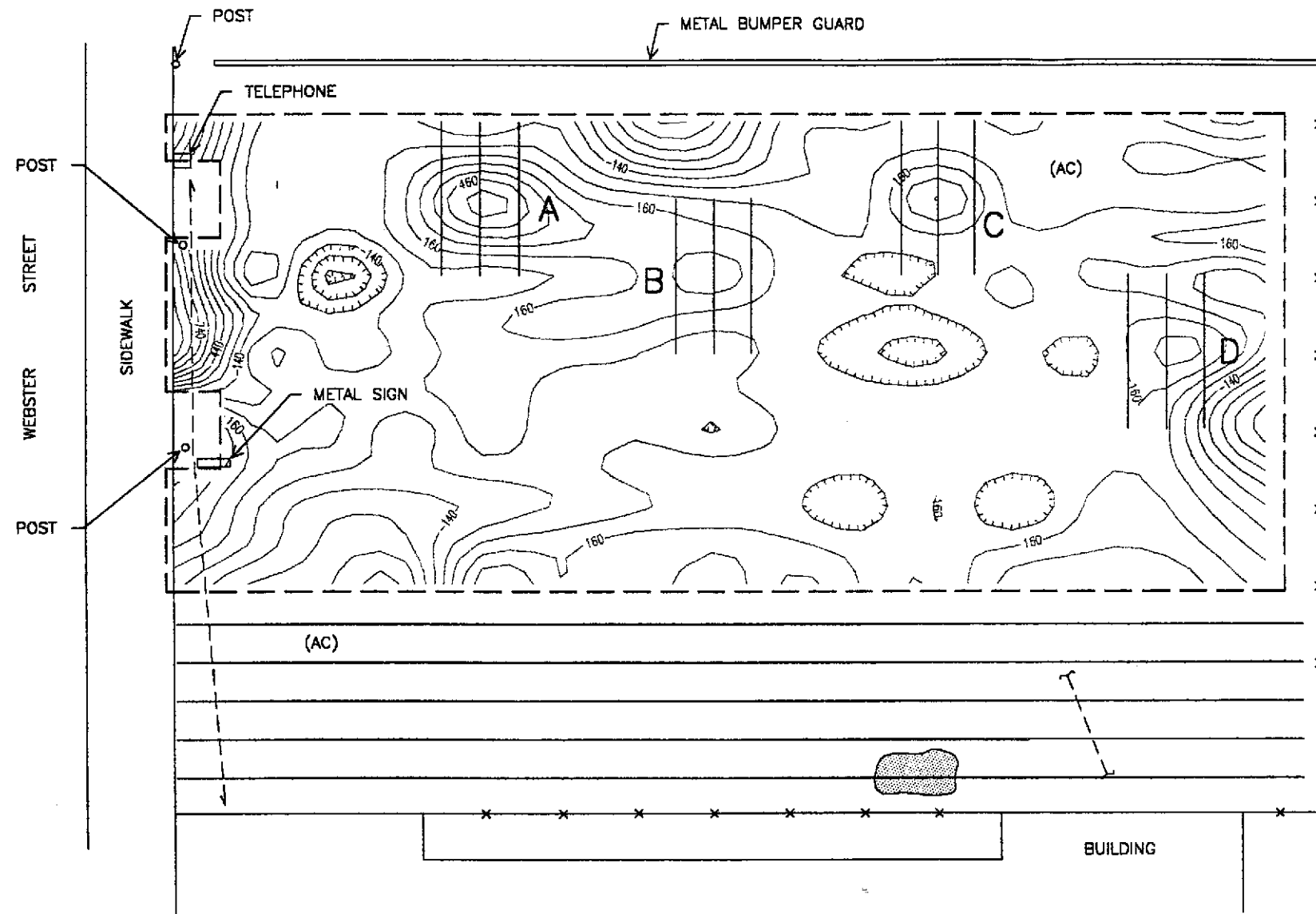
Enclosure: Plates 1 and 2  
Appendix A



**LEGEND**


-  GPR TRAVERSE
-  GPR ANOMALY
-  EMLL ANOMALY
-  UNDIFFERENTIATED UTILITY ALIGNMENT
-  LIMITS OF VERTICAL MAGNETIC GRADIENT SURVEY
-  VERTICAL MAGNETIC GRADIENT CONTOUR  
CONTOUR INTERVAL = 100 nT/m
-  CHAIN LINK FENCE
-  ASPHALT

 <b>NORCAL</b>	<b>NORCAL</b> GEOPHYSICAL CONSULTANTS INC.	SURVEY LOCATION: OAKLAND, CALIFORNIA	<b>GEOPHYSICAL SURVEY MAP</b> <b>PARCEL 1</b>	<b>PLATE</b> <b>1</b>
	JOB #: 98-388.09 DATE: 2/98	DRAWN BY: SPD APPROVED: DSK		



**LEGEND**

- GPR TRAVERSE
- GPR ANOMALY
- UNDIFFERENTIATED UTILITY ALIGNMENT
- LIMITS OF VERTICAL MAGNETIC GRADIENT SURVEY
- VERTICAL MAGNETIC GRADIENT CONTOUR  
CONTOUR INTERVAL = 100 nT/m
- CHAIN LINK FENCE
- ASPHALT

 <b>NORCAL</b>	<b>NORCAL</b> GEOPHYSICAL CONSULTANTS INC.	SURVEY LOCATION: OAKLAND, CALIFORNIA	<b>GEOPHYSICAL SURVEY MAP</b> <b>PARCELS 2 &amp; 3</b>	<b>PLATE</b> <b>2</b>
	JOB #: 98-388.09 DATE: 2/98	DRAWN BY: SPD APPROVED: DJK		



## APPENDIX A

### METHODOLOGY

#### Vertical Magnetic Gradiometer

A magnetic gradiometer measures the vertical gradient of the earth's magnetic field. It consists of two total field magnetic sensors separated vertically by one-half meter. The magnetic field strength is measured simultaneously at both of these sensors. The difference in magnetic intensity between these measurements is proportional to the vertical gradient of the earth's magnetic field. Because the vertical gradient is constant with respect to time, the effect of diurnal variations is eliminated. Since a gradiometer is effected less by cultural features, it provides higher sensitivity and better resolution of near surface sources than total field magnetometers. Areas with significant amounts of buried metal typically produce anomalously steep magnetic gradients. Because the gradiometer is sensitive to ferrous metal sources both above and below ground, site and vicinity surface conditions can affect survey results.

We used an SCINTREX ENVI-MAP magnetometer to obtain the vertical magnetic gradient data. The instrument features a built-in memory that stores the vertical magnetic gradient and survey grid information. The information can be down loaded to a computer for further processing.

#### Ground Penetrating Radar

Ground penetrating radar is a method that provides a continuous, high resolution cross-section depicting variations in the electrical properties of the shallow subsurface. The method is particularly sensitive to variations in electrical conductivity and electrical permittivity (the ability of a material to hold a charge when an electrical field is applied).

The system operates by continuously radiating an electromagnetic pulse into the ground from a transducer (antenna) as it is moved along a traverse. Since most earth materials are transparent to electromagnetic energy, only a portion of the radar signal is reflected back to the surface from interfaces representing variations in electrical properties. When the signal encounters a metal object, however, all of the incident energy is reflected. The reflected signals are received by the same transducer and are printed in cross-section form on a graphical recorder. Depending upon depth and/or thickness the resulting records can provide information regarding the location of UST's, underground utilities, and variations in the shallow site materials. Generally, electrically conductive materials, such as clay, saturated silt, and rebar can reduce the penetration capability and limit radar performance.



For this investigation, we used a Geophysical Survey Systems, Inc. SIR-2 Subsurface Interface Radar System equipped with a 500 megahertz (MHz) transducer. This transducer is near the center of the available frequency range and is used to provide high resolution at shallow depths.

### Electromagnetic Line Location

Electromagnetic line location techniques are used to locate the magnetic field resulting from an electric current flowing on a line. These magnetic fields can arise from currents already on the line (passive) or currents applied to a line with a transmitter (active). The most common passive signals are generated by live electric lines and re-radiated radio signals. Active signals can be introduced by connecting the transmitter to the line at accessible locations or by induction.

The detection of underground utilities is determined by the composition and construction of the line in question. Utilities detectable with standard line location techniques include any continuously connected metal pipes, cables/wires or utilities with tracer wires. Unless carrying a passive current these utilities must be exposed at the surface or in accessible utility vaults. These generally include water, electric, natural gas, telephone, and other conduits related to facility operations. Utilities that are not detectable using standard electromagnetic line location techniques include those made of non-electrically conductive materials such as PVC, fiberglass, vitrified clay, and pipes with insulated connections.

The induction mode is also used to detect buried near surface metal objects such as rebar, manhole covers, and various metallic debris. This is done by holding the transmitter-receiver unit above the ground and continuously scanning the surface. The unit utilizes two orthogonal coils that are separated by a specified distance. One of the coils transmits an electromagnetic signal (primary magnetic field) which in turn produces a secondary magnetic field about the subsurface metal object. Since the receiver coil is orthogonal to the transmitter coil, it is unaffected by the primary field. Therefore, secondary magnetic fields produced by buried metal will generate an audible response from the unit. The peak of this response indicates when the unit is directly over the metal object.

Our instrumentation for this investigation consisted of a Radiodetection RD-400 line locator and a Fisher TW-6 inductive pipe and cable locator.

# ATC Environmental, Inc.

# BORING LOG

BORING NO: G-1

PROJECT NO: 61877.0002

PROJECT NAME: Prentiss Properties Ltd., Inc CLIENT: CHARLES SUMNER  
 PROJECT LOCATION: 1750 Webster St., Oakland, CA DRILLING CONTRACTOR: V&M Drilling LOGGED BY: Bob Azom  
 DRILLING MTHD: Geoprobe SAMPLE MTHD: Geoprobe, Acetate Sleeves  
 DATE STARTED: Feb 7, 1998 DATE FINISHED: Feb 7, 1998 DRILLER: Robert Vickery INSPECTOR: NONE

DEPTH (FT)	SPT BLOWS PER 48"	REC (%)	PID (ppm)	LITHOLOGY	SURFACE ELEVATION: NA		REMARKS
					LITHOLOGIC DESCRIPTION		
0.0							Samples collected continuously as shown
1		90	1		Clayey Silt, ML, light brown, slightly moist		
5.0		100	1		Silty Clay, CL, light brown, slightly moist, soft, no odor, some gravels at 7 ft		
					Sandy Clay, CL, light brown, moist		
10.0		100	1		Sand, SW, light brown, slightly moist, fine grained, loose, well sorted, no odor		Soil Sample G-1-10ft collected at 09:00
					Sandy Clay, CL, light brown, moist, soft, some gravels		
15.0					Sand, SW, light orange-brown, slightly moist, fine grained, loose, well sorted, no odor		
		100	1				Final water level: 19 Ft measured with water level indicator
20.0					Clayey Sand, SC, light to dark grey, slightly moist, strong odor		Soil Sample G-1-24ft collected at 10:00
					Silty Sand, SM, dark grey, slightly moist, loose, strong odor		Water Sample G-1 collected at 10:35: silty, brownish/grey, slight odor
25.0							Boring sealed with grout: 1:6 ratio, 5% bentonite
							Temporary 4ft well screen (#22ft to 26ft) used for sampling, pushed last 1 ft
30.0							
BOTTOM OF TEST BORING: 26.00'							
SPT = STANDARD PENETRATION TEST REC = SAMPLE RECOVERY ND = NON-DETECTABLE FID = FLAME IONIZATION DETECTOR PID = PHOTO-IONIZATION DETECTOR							



# ATC Environmental, Inc.

# BORING LOG

BORING NO: G-2

PROJECT NO: 61877.0002

PROJECT NAME: Prentiss Properties Ltd. Inc.

CLIENT: Charles Sumner

PROJECT LOCATION: 1750 Webster St., Oakland, CA

DRILLING CONTRACTOR: V&W Drilling LOGGED BY: Bob Azam

DRILLING MTHD: Geoprobe

SAMPLE MTHD: Geoprobe

DATE STARTED: Feb 7, 1998

DATE FINISHED: Feb 7, 1998

DRILLER: Robert Vickerev

INSPECTOR: None

DEPTH (FT)	SPT BLOWS PER 48"	REC (%)	PID (ppm)	MTHD	SURFACE ELEVATION: NA		REMARKS
					LITHOLOGIC DESCRIPTION		
0.0							3" of the first one foot layer from surface is dark, clayey sand, slight odor
1		100	1		Clayey Sand, SC, orange to light brown, slightly moist, loose		Samples collected continuously as shown
5.0					Sandy Clay, CL, orange-brown, slightly moist, medium plasticity, brownish-black spotted discolorations		Soil sample G-2-1ft collected at 10:20
2		100	1				
10.0					Clayey Sand, SC, light brown, slightly moist, loose, well sorted, with 3-inch lens of clay		Soil sample G-2-10ft collected at 11:20
3		100	1				
15.0					Sand, SW, light orange-brown, slightly moist, loose, fine grained, well sorted, angular and poorly sorted gravels between 15 ft and 16 ft		17 to 21 ft section of the acetate sleeve got wrinkled inside the sampler, & therefore was irretrievable. However, soil was visible at both ends & accessible, so descriptions were recorded
4		100	1				
20.0					Sandy Clay, CL, orange to light brown, moist, medium plasticity		Initial water level: 19 Ft
5		100					
25.0					Silty Clay, CH, dark grey, slightly moist, high plasticity, strong odor, 0.5" to 1" lenses of sand		Switch to the 2-ft, 1-inch Geoprobe
6		100	120		Sand, SW, dark grey, wet, loose, fine grained, well sorted, strong odor		Soil sample G-2-22ft collected at 12:05
							Soil sample G-2-25ft collected at 12:20
							Water sample G-2 collected at 12:30. Silty, grey-brown, strong odor
							Boring sealed with grout: 1:6 ratio, 5% bentonite
							Temporary 4ft well screen (ø 22ft to 26ft) used for sampling, pushed last 1 ft
30.0							
BOTTOM OF TEST BORING: 26.00'							
SPT = STANDARD PENETRATION TEST							
REC = SAMPLE RECOVERY							
ND = NON-DETECTABLE							
FID = FLAME IONIZATION DETECTOR							
PID = PHOTO-IONIZATION DETECTOR							

# ATC Environmental, Inc.

# BORING LOG

BORING NO: G-3

PROJECT NO: 61877.0002

PROJECT NAME: Prentiss Properties Ltd. Inc. CLIENT: Charles Sumner

PROJECT LOCATION: 1750 Webster St., Oakland, CA DRILLING CONTRACTOR: V&W Drilling LOGGED BY: Bob Azam

DRILLING MTHD: Geoprobe SAMPLE MTHD: Geoprobe

DATE STARTED: Feb 7, 1998 DATE FINISHED: Feb 7, 1998 DRILLER: Robert Vickery INSPECTOR: None

DEPTH (FT)	SPT BLOWS PER 48"	REC (%)	PID (ppm)	LITHOLOGY	SURFACE ELEVATION: NA		REMARKS
					LITHOLOGIC DESCRIPTION		
0.0							Samples collected continuously as shown
1	100			Silty Sand, SM, dark grey, slightly moist, loose Color changes to orange/light brown at 2 ft			
5.0				Sandy Clay, CL, orange to light brown, slightly moist, high plasticity; 2 inch gravel lens at 5.5 ft			
2	100			Clayey Sand, SC, orange-brown, slightly moist, loose, some gravels, orange & brown spotted discolorations			
10.0				Silty Clay, CL, orange-brown, slightly moist, high plasticity, some gravels, orange-brown spotted discolorations			Soil sample G-3-10ft collected at 13:20
3	100		1	Clayey Sand, SC, light to orange brown, slightly moist, well sorted, no odor			The 13 to 15 ft section of soil fell out of the sample tube when it was being retrieved from the hole
15.0				Sand, SW, orange-brown, slightly moist, well sorted, loose; wet at 19ft			Soil sample G-3-15ft collected at 13:40
4	95						Initial water level: 19 ft
20.0							Soil sample G-3-19ft collected at 14:00
5	95		5				Soil sample G-3-22ft collected at 14:10
6	95		2500	Silty Clay, CL, dark grey, moist, medium plasticity, strong odor			Water sample G-3 collected at 14:30. Silty, light grey
25.0				Sand, SW, dark grey, SW, wet, well graded, very strong odor throughout section			Boring sealed with grout: 1:6 ratio, 5% bentonite
30.0							Temporary 4 ft well screen (#22ft to 26ft) used for sampling, pushed last 1 ft
BOTTOM OF TEST BORING: 26.00'							
SPT = STANDARD PENETRATION TEST							
REC = SAMPLE RECOVERY							
ND = NON-DETECTABLE							
FID = FLAME IONIZATION DETECTOR							
PID = PHOTO-IONIZATION DETECTOR							

# ATC Environmental, Inc.

# BORING LOG

BORING NO: G-4

PROJECT NO: 61877.0002

PROJECT NAME: Prentiss Properties Ltd. Inc.

CLIENT: Charles Sumner

PROJECT LOCATION: 1750 Webster St., Oakland, CA

DRILLING CONTRACTOR: V&W Drilling LOGGED BY: Bob Azam

DRILLING MTHD: Geoprobe

SAMPLE MTHD: Geoprobe

DATE STARTED: Feb 7, 1998

DATE FINISHED: Feb 7, 1998

DRILLER: Robert Vickery

INSPECTOR: None

DEPTH (FT)	SPT BLOWS PER 48"	REC (%)	PID (ppm)	ACCORDING TO	SURFACE ELEVATION: NA	REMARKS
					LITHOLOGIC DESCRIPTION	
0.0						Samples collected continuously as shown
1		100			Clayey Sand, SC, brown, slightly moist, no odor	
5.0					Sandy Clay, CL, orange to light brown, slightly moist, low plasticity, no odor, orange & brown spotted discolorations	
2		100			Silty/sandy Clay, CL, light brown, slightly moist, stiff, medium to high plasticity, no odor, orange/brown spotted discolorations	
10.0					Slight odor from 11 Ft to 12 Ft	
3		85				Sample G-4-12ft collected at 15:15
15.0		100			Sand, SW, light orange-brown, slightly moist, loose, well graded, no odor	
5		100				Geoprobe hit obstacle at 15 ft; moved boring 2 inches east and proceeded directly to 15 ft depth with smaller 1-inch Geoprobe. PID battery is low, and getting "Fault" display: PID light source may be coated with water/soil particles
20.0					Clayey Sand, SC, dark grey, SC, moist, loose, well sorted, strong odor.	Final water level: 20.7 Ft measured with water level indicator
6		100			6 inch lens of sand at 23 ft, wet at 23 ft, 2 inch lens of clay at 23.5 ft	Soil Sample G-4-22ft collected at 16:15 Initial water level: 23 Ft Soil sample G-4-24ft collected at 16:30
25.0						Water sample G-4 collected at 16:30. Silty, light grey Boring sealed with grout; 1:6 ratio, 5% bentonite Temporary 4ft screen (# 22ft to 26ft) used for sampling, pushed last 1 ft
-30.0						
BOTTOM OF TEST BORING: 26.00'						
SPT = STANDARD PENETRATION TEST						
REC = SAMPLE RECOVERY						
ND = NON-DETECTABLE						
FID = FLAME IONIZATION DETECTOR						
PID = PHOTO-IONIZATION DETECTOR						

# ATC Environmental, Inc.

# BORING LOG

BORING NO: G-5

PROJECT NO: 61877.0002

PROJECT NAME: Prentiss Properties Ltd. Inc.

CLIENT: Charles Sumner

PROJECT LOCATION: 1750 Webster St. Oakland, CA

DRILLING CONTRACTOR: V&W Drilling LOGGED BY: Bob Azem

DRILLING MTHD: Geoprobe

SAMPLE MTHD: Geoprobe

DATE STARTED: Feb 7, 1998 DATE FINISHED: Feb 7, 1998

DRILLER: Robert Vickery INSPECTOR: \_\_\_\_\_

DEPTH (FT)	SAMPLE	SPT BLOWS PER 24"	REC (%)	PID (ppm)	METHD	SURFACE ELEVATION: NA		REMARKS	
						LITHOLOGIC DESCRIPTION			
0.0								Samples collected at 5-ft intervals as shown	
5.0	1		100				Silty Clay, CL, orange-brown, moist, 6" lens of sand at 6 ft, medium plasticity, no odor	Soil sample G-5-11ft collected at 17:10  Soil sample G-5-21ft collected at 17:35  Soil sample G-5-24ft collected at 17:45 Water sample G-5 collected at 18:10. Silty, grey, odor Boring sealed with grout; 1:6 ratio, 5% bentonite Temporary 4ft screen (#22 to 26ft) used for sampling; pushed last 1 ft	
10.0	2		100				Silty Clay, CL, orange-brown, moist, high plasticity, no odor,		
15.0	3		100				Sand, SW, orange/reddish-brown, well sorted, loose, no odor		
20.0	4		100				Silty Sand, SM, orange-brown, moist, loose, some clay At 21 ft: color changes to dark grey, strong odor, & wet At 24 ft: very strong odor		
25.0	5		100						
30.0	BOTTOM OF TEST BORING: 25.00'								

SPT = STANDARD PENETRATION TEST  
 REC = SAMPLE RECOVERY  
 NO = NON-DETECTABLE  
 FID = FLAME IONIZATION DETECTOR  
 PID = PHOTO-IONIZATION DETECTOR

# ATC Environmental, Inc.

# BORING LOG

BORING NO: G-6

PROJECT NO: 61877.0002

PROJECT NAME: Prentiss Properties Ltd, Inc.

CLIENT: Charles Sumner

PROJECT LOCATION: 1750 Webster St., Oakland, CA

DRILLING CONTRACTOR: V&W Drilling LOGGED BY: Bob Azam

DRILLING MTHD: Geoprobe

SAMPLE MTHD: Geoprobe

DATE STARTED: Feb 8, 1998

DATE FINISHED: Feb 8, 1998

DRILLER: Robert Vickery

INSPECTOR: None

DEPTH (FT)	CORRECTION	SPT BLOWS PER 24"	REC (%)	PID (ppm)	PROBABLE	SURFACE ELEVATION: NA	REMARKS
						LITHOLOGIC DESCRIPTION	
0.0							Samples collected at 5 ft intervals as shown
5.0		1	100		Diagonal lines	Silty Clay, CL, orange to light brown, slightly moist, medium plasticity, some sand lenses, no odor	
10.0		2	100		Diagonal lines	Silty Clay, CL, orange to light brown, slightly moist, no odor	Soil sample G-6-10ft collected at 7:20
						Clayey Sand, SC, light orange-brown, slightly moist, loose, no odor	
15.0		3	90		Stippled	Sand, SW, orange-brown, slightly moist, loose, fine grained, well sorted, no odor	Soil sample G-6-15ft collected at 7:25
20.0		4	100		Diagonal lines	Clayey Sand, SC, light grey to orange-brown, moist, loose, 2-inch clay lens at 20 ft, no odor	Initial water level: 19 ft
						Silty Clay, CL, grey, slightly moist, medium plasticity, some sand, strong odor at 21 ft	Soil sample G-6-20ft collected at 7:45
25.0		5	100		Stippled	Sand, SW, dark grey, very wet, loose, fine grained, well sorted, very strong odor	Water sample G-6 collected at 8:10. Silty, light grey, sheen, strong odor
							Boring sealed with grout; 1:6 ratio, 5% bentonite
							Temporary 4ft fwi screen (#22 ft to 26 ft) used for sampling, pushed last 1 ft
30.0							
BOTTOM OF TEST BORING: 26.00'							
SPT = STANDARD PENETRATION TEST REC = SAMPLE RECOVERY ND = NON-DETECTABLE FID = FLAME IONIZATION DETECTOR PID = PHOTO-IONIZATION DETECTOR							

# ATC Environmental, Inc.

# BORING LOG

BORING NO: G-7

PROJECT NO: 61877.0002

PROJECT NAME: Prentiss Properties Ltd. Inc.

CLIENT: Charles Sumner

PROJECT LOCATION: 1750 Webster St., Oakland, CA

DRILLING CONTRACTOR: V&W Drilling LOGGED BY: Bob Azam

DRILLING MTHD: Geoprobe

SAMPLE MTHD: Geoprobe

DATE STARTED: Feb 8, 1998

DATE FINISHED: Feb 8, 1998

DRILLER: Robert Vickery

INSPECTOR: None

DEPTH (FT)	SPT BLOWS PER 48"	REC (%)	PID (ppm)	PRIORITY	SURFACE ELEVATION: NA	REMARKS
					LITHOLOGIC DESCRIPTION	
0.0					Organic Clay, OL, black, slightly moist, med plasticity	Samples collected continuously as shown
1		100			Clayey Sand, SC, orange-brown, moist, no odor	
5.0					Sandy Clay, CL, orange-brown, slightly moist, stiff, high plasticity, some orange & black spotted discolorations, some gravels and sand at 9-ft, no odor	
2		100				
10.0						From 9 ft to 13 ft acetate sleeve got wrinkled & stuck in the 2-inch sample tube; therefore, sample was irretrievable. However, soil was visible at the bottom end only
3		100				
15.0					Sand, SW, orange-brown, moist, loose, no odor	
4		100			Silty Clay, CL, light brown, very wet, very soft, low plasticity, no odor	Soil sample 6-7-15ft collected at 09:10
5		100			Sand, SW, orange-brown, slightly moist, loose, fine grained, no odor At 18.8 ft: color changes to light orange-grey At 20 ft: very wet At 21 ft: color grades into grey (no odor)	Soil sample 6-7-19ft collected at 09:25 Initial water level: 19 ft
20.0		100				
7		100			Clayey Silt, ML, dark grey, moist, medium stiff, strong odor	Soil sample 6-7-21 collected at 09:45
25.0					Sand, SW, dark grey, moist, fine grained, loose, strong odor, At 22 ft: very wet to 24 ft	Soil sample 6-7-23ft collected at 10:05 Water sample 6-7 collected at 10:15: silty, grey, sheen, strong odor Boring sealed with grout: 1:6 ratio, 5% bentonite Temporary 4ft well screen (@21ft to 25ft) used for sampling, pushed last 1 ft
-30.0						
BOTTOM OF TEST BORING: 25.00'						
SPT = STANDARD PENETRATION TEST						
REC = SAMPLE RECOVERY						
ND = NON-DETECTABLE						
FID = FLAME IGNIZATION DETECTOR						
PID = PHOTO-IGNIZATION DETECTOR						

# ATC Environmental, Inc.

# BORING LOG

BORING NO: G-8

PROJECT NO: 61877.0002

PROJECT NAME: Prentiss Properties Ltd. Inc.

CLIENT: Charles Sumner

PROJECT LOCATION: 1750 Webster St., Oakland, CA

DRILLING CONTRACTOR: V&W Drilling LOGGED BY: Bob Azam

DRILLING MTHD: Geoprobe

SAMPLE MTHD: Geoprobe, Acetate Sleeves

DATE STARTED: Feb 8, 1998

DATE FINISHED: Feb 8, 1998

DRILLER: Robert Vickery

INSPECTOR: None

DEPTH (FT)	SPT BLOWS PER 48"	REC (%)	PID (ppm)	ACQUICLUD	SURFACE ELEVATION: NA		REMARKS
					LITHOLOGIC DESCRIPTION		
0.0							Samples collected every 5 Ft as shown
5.0	1	100			Sandy Clay, CL, orange-brown, slightly moist, stiff, medium plasticity, no odor		Soil sample G-8-5ft collected at 10:45
					Clayey Sand, SC, orange-brown, slightly moist, loose, no odor		
10.0	2	100			Sandy Clay, CL, orange-brown, slightly moist, stiff, medium plasticity, no odor		Soil sample G-8-12FT collected at 10:55
15.0	3	100			Sand, SW, orange-brown, slightly moist, loose, fine grained, no odor		Soil sample G-8-16ft collected at 11:00
20.0	4	100			Sand, SW, dark grey, wet, loose, fine grained, no odor		Final water level: 19.3 measured with WATER TABLE TEST AT 20 FT
					Silty/Sandy Clay, CL, dark grey, moist, dense, odor		Soil sample G-8-20ft collected at 11:10
	5	100			Sand, SW, dark grey, wet, fine grained, loose, strong odor		Water sample G-8 collected at 11:30. Silty, grey, sheen, strong odor
25.0					At 23 ft: color changes to black		Boring sealed with grout; 1:5 ratio, 5% bentonite Temporary 4ft screen (#21 to 25ft) used for sampling, pushed last 1 ft
30.0							
BOTTOM OF TEST BORING: 25.00'							
SPT = STANDARD PENETRATION TEST REC = SAMPLE RECOVERY ND = NON-DETECTABLE FID = FLAME IONIZATION DETECTOR PID = PHOTO-IONIZATION DETECTOR							

# ATC Environmental, Inc.

# BORING LOG

BORING NO: G-9

PROJECT NO: 61877.0002

PROJECT NAME: Prentiss Properties Ltd. Inc

CLIENT: Charles Sumner

PROJECT LOCATION: 1750 Webster St., Oakland, CA

DRILLING CONTRACTOR: V&W Drilling LOGGED BY: Bob Azam

DRILLING MTHD: Geoprobe

SAMPLE MTHD: Geoprobe, Acetate Sleeves

DATE STARTED: Feb 8, 1998

DATE FINISHED: Feb 8, 1998

DRILLER: Robert Vickery

INSPECTOR: None

DEPTH (FT)	SPT BLOWS PER 48"	REC (%)	PID (ppm)	LITHOLOGIC DESCRIPTION	REMARKS
0.0					Samples collected every 5 ft as shown
5.0	1	100		Sandy Clay, CL, orange-brown, slightly moist, stiff, medium plasticity, no odor Clayey Sand, SC, orange brown, slightly moist, loose, no odor	
10.0	2	100		Sandy Clay, CL, light brown, slightly moist, stiff, medium plasticity, no odor Clayey Sand, SC, orange to light brown, slightly moist, loose, no odor	Soil sample G-9-11ft collected at 12:05
15.0	3	100		Silty Sand, SM, orange-brown, slightly moist, loose, no odor	Soil sample G-9-15ft collected at 12:12
20.0	4	100		Silty Sand, SM, light orange-brown, slightly moist, loose, no odor, 2 to 4 inch lens of sandy clay	Soil sample G-9-20ft collected at 12:22 Final water level: 20.8 ft measured with water level indicator Initial water level: 22 ft
25.0	5	80		Sand, SW, dark grey to black, very wet, loose, fine grained, odor	Soil sample G-9-22ft collected at 12:35 Water sample G-9 collected at 12:45. Silty, grey, odor, no visible sheen
30.0					Boring sealed with grout: 1:6 ratio, 5% bentonite Temporary 4ft screen (21 to 25ft) used for sampling, pushed last 1 ft
BOTTOM OF TEST BORING: 25.00'					
SPT = STANDARD PENETRATION TEST REC = SAMPLE RECOVERY ND = NON-DETECTABLE FID = FLAME IONIZATION DETECTOR PID = PHOTO-IONIZATION DETECTOR					PAGE: 1 OF 1









**APPENDIX D**  
**ANALYTICAL LABORATORY REPORTS**



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L   R E P O R T

Prepared for:

ATC Associates, Inc.  
6666 Owens Dr.  
Pleasanton, CA 94588

Date: 10-FEB-98  
Lab Job Number: 132281  
Project ID: 61877.0001  
Location: Prentiss Prop.

Reviewed by:

*Damara Moore*

Reviewed by:

*[Signature]*

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Halogenated Volatile Organics  
 EPA 8010 Analyte List

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: EPA 8260  
 Prep Method: EPA 5030

 Field ID: G-3  
 Lab ID: 132281-003  
 Matrix: Water  
 Batch#: 38997  
 Units: ug/L  
 Diln Fac: 1

 Sampled: 02/07/98  
 Received: 02/08/98  
 Extracted: 02/09/98  
 Analyzed: 02/09/98

Analyte	Result	Reporting Limit
Chloromethane	ND	2.0
Vinyl Chloride	ND	2.0
Bromomethane	ND	2.0
Chloroethane	ND	2.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	1.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	13	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	1.2	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	2.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Surrogate	%Recovery	Recovery Limits
1,2-Dichloroethane-d4	97	85-121
Toluene-d8	104	92-110
Bromofluorobenzene	100	84-115

Halogenated Volatile Organics  
 EPA 8010 Analyte List

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: EPA 8260  
 Prep Method: EPA 5030

 Field ID: G-4  
 Lab ID: 132281-004  
 Matrix: Water  
 Batch#: 38997  
 Units: ug/L  
 Diln Fac: 1

 Sampled: 02/07/98  
 Received: 02/08/98  
 Extracted: 02/09/98  
 Analyzed: 02/09/98

Analyte	Result	Reporting Limit
Chloromethane	ND	2.0
Vinyl Chloride	ND	2.0
Bromomethane	ND	2.0
Chloroethane	ND	2.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	1.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	11	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	1.1	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	2.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Surrogate	%Recovery	Recovery Limits
1,2-Dichloroethane-d4	96	85-121
Toluene-d8	105	92-110
Bromofluorobenzene	102	84-115

Halogenated Volatile Organics  
EPA 8010 Analyte ListClient: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.Analysis Method: EPA 8260  
Prep Method: EPA 5030Field ID: G-5  
Lab ID: 132281-005  
Matrix: Water  
Batch#: 38997  
Units: ug/L  
Diln Fac: 1Sampled: 02/07/98  
Received: 02/08/98  
Extracted: 02/09/98  
Analyzed: 02/09/98

Analyte	Result	Reporting Limit
Chloromethane	ND	2.0
Vinyl Chloride	ND	2.0
Bromomethane	ND	2.0
Chloroethane	ND	2.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	1.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	8.2	1.0
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	4.2	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	1.0	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	2.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0

Surrogate	%Recovery	Recovery Limits
1,2-Dichloroethane-d4	95	85-121
Toluene-d8	103	92-110
Bromofluorobenzene	103	84-115



Lab #: 132281

BATCH QC REPORT

Halogenated Volatile Organics  
EPA 8010 Analyte List

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8260  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water  
Batch#: 38997  
Units: ug/L  
Diln Fac: 1

Prep Date: 02/09/98  
Analysis Date: 02/09/98

MB Lab ID: QC63877

Analyte	Result	Reporting Limit
Chloromethane	ND	2.0
Vinyl Chloride	ND	2.0
Bromomethane	ND	2.0
Chloroethane	ND	2.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	1.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	ND	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	ND	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	2.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Surrogate	%Rec	Recovery Limits
1,2-Dichloroethane-d4	104	85-121
Toluene-d8	100	92-110
Bromofluorobenzene	105	84-115

Halogenated Volatile Organics

Client: ATC Associates, Inc. Analysis Method: EPA 8260  
 Project#: 61877.0001 Prep Method: EPA 5030  
 Location: Prentiss Prop.

BLANK SPIKE/BLANK SPIKE DUPLICATE

Matrix: Water Prep Date: 02/09/98  
 Batch#: 38997 Analysis Date: 02/09/98  
 Units: ug/L  
 Diln Fac: 1

BS Lab ID: QC63875

Analyte	Spike Added	BS	%Rec #	Limits
1,1-Dichloroethene	50	53.1	106	69-137
Trichloroethene	50	51.03	102	83-116
Chlorobenzene	50	49.68	99	87-117
Surrogate	%Rec	Limits		
1,2-Dichloroethane-d4	101	85-121		
Toluene-d8	102	92-110		
Bromofluorobenzene	100	84-115		

BSD Lab ID: QC63876

Analyte	Spike Added	BSD	%Rec #	Limits	RPD #	Limit
1,1-Dichloroethene	50	49.27	99	69-137	7	14
Trichloroethene	50	50.6	101	83-116	1	10
Chlorobenzene	50	49.98	100	87-117	1	10
Surrogate	%Rec	Limits				
1,2-Dichloroethane-d4	101	85-121				
Toluene-d8	100	92-110				
Bromofluorobenzene	100	84-115				

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 3 outside limits

Spike Recovery: 0 out of 6 outside limits

## TVH-Total Volatile Hydrocarbons

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: TVH  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132281-001	G-1	38993	02/07/98	02/09/98	02/09/98	
132281-002	G-2	38993	02/07/98	02/09/98	02/09/98	
132281-003	G-3	38993	02/07/98	02/09/98	02/09/98	
132281-004	G-4	38993	02/07/98	02/09/98	02/09/98	

Matrix: Water

Analyte	Units	132281-001	132281-002	132281-003	132281-004
Diln Fac:		1	100	100	100
Gasoline C7-C12	ug/L	700	7300	20000	36000
Surrogate					
Bromofluorobenzene	%REC	78	84	92	103

BTXE

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: EPA 8020A  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132281-001	G-1	38993	02/07/98	02/09/98	02/09/98	
132281-002	G-2	38993	02/07/98	02/09/98	02/09/98	
132281-003	G-3	38993	02/07/98	02/09/98	02/09/98	
132281-004	G-4	38993	02/07/98	02/09/98	02/09/98	

Matrix: Water

Analyte	Units	132281-001	132281-002	132281-003	132281-004
Diln Fac:		1	100	100	100
MTBE	ug/L	50	510	560	620
Benzene	ug/L	4.1	69	210	1900
Toluene	ug/L	9.3	870	1300	3100
Ethylbenzene	ug/L	140	660	1300	1400
m,p-Xylenes	ug/L	63	880	2400	3800
o-Xylene	ug/L	<0.5	470	720	900
Surrogate					
Trifluorotoluene	%REC	87	85	88	92
Bromofluorobenzene	%REC	72	76	80	79

## TVH-Total Volatile Hydrocarbons

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: TVH  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132281-005	G-5	38993	02/07/98	02/09/98	02/09/98	

Matrix: Water

Analyte	Units	132281-005
Diln Fac:		100
Gasoline C7-C12	ug/L	32000
Surrogate		
Bromofluorobenzene	%REC	89

## BTXE

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: EPA 8020A  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132281-005	G-5	38993	02/07/98	02/09/98	02/09/98	

Matrix: Water

Analyte	Units	132281-005
Diln Fac:		100
MTBE	ug/L	390
Benzene	ug/L	6500
Toluene	ug/L	9600
Ethylbenzene	ug/L	1100
m,p-Xylenes	ug/L	3300
o-Xylene	ug/L	1700
Surrogate		
Trifluorotoluene	%REC	89
Bromofluorobenzene	%REC	79

Lab #: 132281

BATCH QC REPORT



TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water  
Batch#: 38993  
Units: ug/L  
Diln Fac: 1

Prep Date: 02/08/98  
Analysis Date: 02/08/98

MB Lab ID: QC63856

Analyte	Result		
Gasoline C7-C12	<50		
Surrogate	%Rec		Recovery Limits
Bromofluorobenzene	75		59-162

Lab #: 132281

BATCH QC REPORT

BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water  
Batch#: 38993  
Units: ug/L  
Diln Fac: 1

Prep Date: 02/08/98  
Analysis Date: 02/08/98

MB Lab ID: QC63856

Analyte	Result
MTBE	<2.0
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
m,p-Xylenes	<0.5
o-Xylene	<0.5

Surrogate	%Rec	Recovery Limits
Trifluorotoluene	84	53-124
Bromofluorobenzene	74	41-142



TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.	Analysis Method: TVH
Project#: 61877.0001	Prep Method: EPA 5030
Location: Prentiss Prop.	

LABORATORY CONTROL SAMPLE

Matrix: Water	Prep Date: 02/08/98
Batch#: 38993	Analysis Date: 02/08/98
Units: ug/L	
Diln Fac: 1	

LCS Lab ID: QC63854

Analyte	Result	Spike Added	%Rec #	Limits
Gasoline C7-C12	1979	2000	99	80-119
Surrogate	%Rec	Limits		
Bromofluorobenzene	94	59-162		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits

BTXE

Client: ATC Associates, Inc.	Analysis Method: EPA 8020A
Project#: 61877.0001	Prep Method: EPA 5030
Location: Prentiss Prop.	

LABORATORY CONTROL SAMPLE

Matrix: Water	Prep Date: 02/08/98
Batch#: 38993	Analysis Date: 02/08/98
Units: ug/L	
Diln Fac: 1	

LCS Lab ID: QC63855

Analyte	Result	Spike Added	%Rec #	Limits
MTBE	19.23	20	96	65-135
Benzene	30.59	20	103	69-109
Toluene	21.34	20	107	72-116
Ethylbenzene	21.01	20	105	67-120
m,p-Xylenes	45.19	40	113	69-117
o-Xylene	22.41	20	112	75-122
<hr/>				
Surrogate	%Rec	Limits		
Trifluorotoluene	88	53-124		
Bromofluorobenzene	71	41-142		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 6 outside limits

BTXE

Client: ATC Associates, Inc. Analysis Method: EPA 8020A  
 Project#: 61877.0001 Prep Method: EPA 5030  
 Location: Prentiss Prop.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Field ID: ZZZZZZ Sample Date: 01/28/98  
 Lab ID: 132184-012 Received Date: 01/29/98  
 Matrix: Water Prep Date: 02/09/98  
 Batch#: 38993 Analysis Date: 02/09/98  
 Units: ug/L  
 Diln Fac: 1

MS Lab ID: QC63857

Analyte	Spike Added	Sample	MS	%Rec #	Limits
MTBE	20	<2	22.22	111	65-135
Benzene	20	1.54	21.85	102	55-125
Toluene	20	1.73	21.74	100	65-126
Ethylbenzene	20	2.04	23.46	107	60-129
m,p-Xylenes	40	2.38	47.86	114	68-116
o-Xylene	20	1.39	24.3	115	69-129
Surrogate	%Rec	Limits			
Trifluorotoluene	90	53-124			
Bromofluorobenzene	79	41-142			

MSD Lab ID: QC63858

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
MTBE	20	22.37	112	65-135	1	20
Benzene	20	21.86	102	55-125	0	11
Toluene	20	21.51	99	65-126	1	11
Ethylbenzene	20	23.39	107	60-129	0	12
m,p-Xylenes	40	47.43	113	68-116	1	11
o-Xylene	20	24.1	114	69-129	1	12
Surrogate	%Rec	Limits				
Trifluorotoluene	89	53-124				
Bromofluorobenzene	77	41-142				

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710. Phone (510) 486-0900

A N A L Y T I C A L   R E P O R T

Prepared for:

ATC Associates, Inc.  
6666 Owens Dr.  
Pleasanton, CA 94588

Date: 18-FEB-98  
Lab Job Number: 132283  
Project ID: 61877.0001  
Location: Prentiss Prop.

Reviewed by:

*Damara Moore*

Reviewed by:

*[Signature]*

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## TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-001	G-6-10FT	38994	02/08/98	02/09/98	02/09/98	
132283-002	G-6-15FT	38994	02/08/98	02/09/98	02/09/98	
132283-004	G-7-15FT	38994	02/08/98	02/09/98	02/09/98	
132283-005	G-7-19FT	38994	02/08/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132283-001	132283-002	132283-004	132283-005
Diln Fac:		1	1	1	1
Gasoline C7-C12	mg/Kg	<1	<1	<1	<1
Surrogate					
Bromofluorobenzene	%REC	63	60	62	67



## BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-001	G-6-10FT	38994	02/08/98	02/09/98	02/09/98	
132283-002	G-6-15FT	38994	02/08/98	02/09/98	02/09/98	
132283-004	G-7-15FT	38994	02/08/98	02/09/98	02/09/98	
132283-005	G-7-19FT	38994	02/08/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132283-001	132283-002	132283-004	132283-005
Diln Fac:		1	1	1	1
MTBE	ug/Kg	<20	<20	<20	<20
Benzene	ug/Kg	<5	<5	<5	<5
Toluene	ug/Kg	<5	<5	<5	<5
Ethylbenzene	ug/Kg	<5	<5	<5	<5
m,p-Xylenes	ug/Kg	<5	<5	<5	<5
o-Xylene	ug/Kg	<5	<5	<5	<5
Surrogate					
Trifluorotoluene	%REC	89	92	85	94
Bromofluorobenzene	%REC	75	70	74	74



TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-009	G-8-12FT	38994	02/08/98	02/09/98	02/09/98	
132283-010	G-8-16FT	38994	02/08/98	02/09/98	02/09/98	
132283-012	G-9-11FT	38994	02/08/98	02/09/98	02/09/98	
132283-013	G-9-16FT	38994	02/08/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132283-009	132283-010	132283-012	132283-013
Diln Fac:		1	1	1	1
Gasoline C7-C12	mg/Kg	<1	<1	<1	<1
Surrogate					
Bromofluorobenzene	%REC	67	69	65	67





## BTXE

Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

Analysis Method: EPA 8020A  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-009	G-8-12FT	38994	02/08/98	02/09/98	02/09/98	
132283-010	G-8-16FT	38994	02/08/98	02/09/98	02/09/98	
132283-012	G-9-11FT	38994	02/08/98	02/09/98	02/09/98	
132283-013	G-9-16FT	38994	02/08/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132283-009	132283-010	132283-012	132283-013
Diln Fac:		1	1	1	1
MTBE	ug/Kg	<20	<20	<20	<20
Benzene	ug/Kg	<5	<5	<5	<5
Toluene	ug/Kg	<5	<5	<5	<5
Ethylbenzene	ug/Kg	<5	<5	<5	<5
m,p-Xylenes	ug/Kg	<5	<5	<5	<5
o-Xylene	ug/Kg	<5	<5	<5	<5
Surrogate					
Trifluorotoluene	%REC	85	88	91	90
Bromofluorobenzene	%REC	75	75	74	76

## TVH-Total Volatile Hydrocarbons

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: TVH  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-016	G-10-10FT	38994	02/08/98	02/09/98	02/09/98	
132283-017	G-10-17FT	38994	02/08/98	02/09/98	02/09/98	
132283-019	G-11-11FT	38994	02/08/98	02/09/98	02/09/98	
132283-020	G-11-16FT	38994	02/08/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132283-016	132283-017	132283-019	132283-020
Diln Fac:		1	1	1	1
Gasoline C7-C12	mg/Kg	<1	<1	<1	<1
Surrogate					
Bromofluorobenzene	%REC	65	66	70	67



## BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-016	G-10-10FT	38994	02/08/98	02/09/98	02/09/98	
132283-017	G-10-17FT	38994	02/08/98	02/09/98	02/09/98	
132283-019	G-11-11FT	38994	02/08/98	02/09/98	02/09/98	
132283-020	G-11-16FT	38994	02/08/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132283-016	132283-017	132283-019	132283-020
Diln Fac:		1	1	1	1
MTBE	ug/Kg	<20	<20	<20	<20
Benzene	ug/Kg	<5	<5	<5	<5
Toluene	ug/Kg	<5	<5	<5	<5
Ethylbenzene	ug/Kg	<5	<5	<5	<5
m,p-Xylenes	ug/Kg	<5	<5	<5	<5
o-Xylene	ug/Kg	<5	<5	<5	<5
Surrogate					
Trifluorotoluene	%REC	90	88	88	90
Bromofluorobenzene	%REC	72	75	74	75

## TVH-Total Volatile Hydrocarbons

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: TVH  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-022	G-12-11FT	38994	02/08/98	02/09/98	02/09/98	
132283-023	G-12-16FT	38994	02/08/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132283-022	132283-023
Diln Fac:		1	1
Gasoline C7-C12	mg/Kg	<1	<1
Surrogate			
Bromofluorobenzene	%REC	72	69

## BTXE

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: EPA 8020A  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-022	G-12-11FT	38994	02/08/98	02/09/98	02/09/98	
132283-023	G-12-16FT	38994	02/08/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132283-022	132283-023
Diln Fac:		1	1
MTBE	ug/Kg	<20	<20
Benzene	ug/Kg	<5	<5
Toluene	ug/Kg	<5	<5
Ethylbenzene	ug/Kg	<5	<5
m,p-Xylenes	ug/Kg	<5	<5
o-Xylene	ug/Kg	<5	<5
Surrogate			
Trifluorotoluene	%REC	91	86
Bromofluorobenzene	%REC	74	76

Lab #: 132283

BATCH QC REPORT

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Soil  
Batch#: 38994  
Units: mg/Kg  
Diln Fac: 1

Prep Date: 02/09/98  
Analysis Date: 02/09/98

MB Lab ID: QC63861

Analyte	Result	
Gasoline C7-C12	<1.0	
Surrogate	%Rec	Recovery Limits
Bromofluorobenzene	70	53-157

Lab #: 132283

BATCH QC REPORT

BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Soil  
Batch#: 38994  
Units: ug/Kg  
Diln Fac: 1

Prep Date: 02/09/98  
Analysis Date: 02/09/98

MB Lab ID: QC63861

Analyte	Result		
MTBE	<20		
Benzene	<5.0		
Toluene	<5.0		
Ethylbenzene	<5.0		
m,p-Xylenes	<5.0		
o-Xylene	<5.0		
Surrogate	%Rec		Recovery Limits
Trifluorotoluene	88		53-126
Bromofluorobenzene	74		35-144

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

Analysis Method: TVH  
 Prep Method: EPA 5030

LABORATORY CONTROL SAMPLE

Matrix: Soil  
 Batch#: 38994  
 Units: mg/Kg  
 Diln Fac: 1

Prep Date: 02/09/98  
 Analysis Date: 02/09/98

LCS Lab ID: QC63859

Analyte	Result	Spike Added	%Rec #	Limits
Gasoline C7-C12	9.66	10	97 *	78-120
Surrogate	%Rec	Limits		
Bromofluorobenzene	96	53-157		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 1 out of 1 outside limits



Lab #: 132283

BATCH QC REPORT

BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

LABORATORY CONTROL SAMPLE

Matrix: Soil  
Batch#: 38994  
Units: ug/Kg  
Diln Fac: 1

Prep Date: 02/09/98  
Analysis Date: 02/09/98

LCS Lab ID: QC63860

Analyte	Result	Spike Added	%Rec #	Limits
MTBE	72.74	100	73	65-135
Benzene	87.34	100	87	69-118
Toluene	91.05	100	91	73-118
Ethylbenzene	91.41	100	91	68-124
m,p-Xylenes	199.6	200	100	67-124
o-Xylene	105.2	100	105	73-127
Surrogate	%Rec	Limits		
Trifluorotoluene	86	53-126		
Bromofluorobenzene	76	35-144		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 6 outside limits

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.	Analysis Method: TVH
Project#: 61877.0001	Prep Method: EPA 5030
Location: Prentiss Prop.	

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Field ID: ZZZZZZ	Sample Date: 02/07/98
Lab ID: 132282-001	Received Date: 02/08/98
Matrix: Soil	Prep Date: 02/09/98
Batch#: 38994	Analysis Date: 02/09/98
Units: mg/Kg	
Diln Fac: 1	

MS Lab ID: QC63862

Analyte	Spike Added	Sample	MS	%Rec #	Limits
Gasoline C7-C12	10	<1	8.49	85	38-132
Surrogate	%Rec	Limits			
Bromofluorobenzene	91	53-157			

MSD Lab ID: QC63863

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
Gasoline C7-C12	10	8.77	88	38-132	3	26
Surrogate	%Rec	Limits				
Bromofluorobenzene	91	53-157				

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits



## TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-026	G-6	38996	02/08/98	02/10/98	02/10/98	
132283-027	G-7	38996	02/08/98	02/10/98	02/10/98	
132283-028	G-8	38996	02/08/98	02/10/98	02/10/98	
132283-029	G-9	38996	02/08/98	02/10/98	02/10/98	

Matrix: Water

Analyte	Units	132283-026	132283-027	132283-028	132283-029
Diln Fac:		250	100	100	100
Gasoline C7-C12	ug/L	760000	46000	51000	19000
Surrogate					
Bromofluorobenzene	%REC	97	82	78	80



BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-026	G-6	38996	02/08/98	02/10/98	02/10/98	
132283-027	G-7	38996	02/08/98	02/10/98	02/10/98	
132283-028	G-8	38996	02/08/98	02/10/98	02/10/98	
132283-029	G-9	38996	02/08/98	02/10/98	02/10/98	

Matrix: Water

Analyte	Units	132283-026	132283-027	132283-028	132283-029
Diln Fac:		250	100	100	100
MTBE	ug/L	2000	1100	930	<200
Benzene	ug/L	340	1600	10000	7200
Toluene	ug/L	730	670	7200	7900
Ethylbenzene	ug/L	5800	2700	2300	490
m,p-Xylenes	ug/L	9200	6500	7100	1500
o-Xylene	ug/L	4200	1100	2800	870
Surrogate					
Trifluorotoluene	%REC	101	93	97	88
Bromofluorobenzene	%REC	75	85	80	75



TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-030	G-10	38996	02/08/98	02/10/98	02/10/98	
132283-031	G-12	38996	02/08/98	02/10/98	02/10/98	
132283-032	G-11	38996	02/08/98	02/10/98	02/10/98	

Matrix: Water

Analyte	Units	132283-030	132283-031	132283-032
Diln Fac:		100	100	100
Gasoline C7-C12	ug/L	280000	78000	17000
Surrogate				
Bromofluorobenzene	%REC	95	84	85

BTXE

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: EPA 8020A  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132283-030	G-10	39013	02/08/98	02/11/98	02/11/98	
132283-031	G-12	38996	02/08/98	02/10/98	02/10/98	
132283-032	G-11	38996	02/08/98	02/10/98	02/10/98	

Matrix: Water

Analyte	Units	132283-030	132283-031	132283-032
Diln Fac:		500	100	100
MTBE	ug/L	2900	1300	420
Benzene	ug/L	7700	7800	6000
Toluene	ug/L	29000	8500	4600
Ethylbenzene	ug/L	3600	2200	740
m,p-Xylenes	ug/L	12000	7100	2100
o-Xylene	ug/L	5500	2100	660
Surrogate				
Trifluorotoluene	%REC	98	91	94
Bromofluorobenzene	%REC	82	82	81

Lab #: 132283

BATCH QC REPORT

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water  
Batch#: 38996  
Units: ug/L  
Diln Fac: 1

Prep Date: 02/10/98  
Analysis Date: 02/10/98

MB Lab ID: QC63872

Analyte	Result	
Gasoline C7-C12	<50	
Surrogate	%Rec	Recovery Limits
Bromofluorobenzene	77	59-162

Lab #: 132283

BATCH QC REPORT



BTXE		
Client: ATC Associates, Inc.	Analysis Method: EPA 8020A	
Project#: 61877.0001	Prep Method: EPA 5030	
Location: Prentiss Prop.		

METHOD BLANK		
Matrix: Water	Prep Date: 02/10/98	
Batch#: 38996	Analysis Date: 02/10/98	
Units: ug/L		
Diln Fac: 1		

MB Lab ID: QC63872

Analyte	Result	
MTBE	<2.0	
Benzene	<0.5	
Toluene	<0.5	
Ethylbenzene	<0.5	
m,p-Xylenes	<0.5	
o-Xylene	<0.5	

Surrogate	%Rec	Recovery Limits
Trifluorotoluene	86	53-124
Bromofluorobenzene	71	41-142



Lab #: 132283

BATCH QC REPORT



BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water  
Batch#: 39013  
Units: ug/L  
Diln Fac: 1

Prep Date: 02/11/98  
Analysis Date: 02/11/98

MB Lab ID: QC63925

Analyte	Result		
MTBE	<2.0		
Benzene	<0.5		
Toluene	<0.5		
Ethylbenzene	<0.5		
m,p-Xylenes	<0.5		
o-Xylene	<0.5		
Surrogate	%Rec		Recovery Limits
Trifluorotoluene	82		53-124
Bromofluorobenzene	76		41-142

Lab #: 132283

BATCH QC REPORT

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc. Analysis Method: TVH  
Project#: 61877.0001 Prep Method: EPA 5030  
Location: Prentiss Prop.

LABORATORY CONTROL SAMPLE

Matrix: Water Prep Date: 02/10/98  
Batch#: 38996 Analysis Date: 02/10/98  
Units: ug/L  
Diln Fac: 1

LCS Lab ID: QC63870

Analyte	Result	Spike Added	%Rec #	Limits
Gasoline C7-C12	1932	2000	97	80-119
Surrogate	%Rec	Limits		
Bromofluorobenzene	93	59-162		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits

Lab #: 132283

BATCH QC REPORT

BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

LABORATORY CONTROL SAMPLE

Matrix: Water  
Batch#: 38996  
Units: ug/Kg  
Diln Fac: 1

Prep Date: 02/10/98  
Analysis Date: 02/10/98

LCS Lab ID: QC63871

Analyte	Result	Spike Added	%Rec #	Limits
MTBE	20.46	20	102	65-135
Benzene	20.77	20	104	69-109
Toluene	21.54	20	108	72-116
Ethylbenzene	21.68	20	108	67-120
m,p-Xylenes	46	40	115	69-117
o-Xylene	22.93	20	115	75-122
Surrogate	%Rec	Limits		
Trifluorotoluene	91	53-124		
Bromofluorobenzene	73	41-142		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 6 outside limits



## BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

## BLANK SPIKE/BLANK SPIKE DUPLICATE

Matrix: Water  
Batch#: 39013  
Units: ug/L  
Diln Fac: 1

Prep Date: 02/11/98  
Analysis Date: 02/11/98

BS Lab ID: QC63926

Analyte	Spike Added	BS	%Rec #	Limits
MTBE	20	15.69	78	65-135
Benzene	20	18.31	92	69-109
Toluene	20	20.33	102	72-116
Ethylbenzene	20	19.4	97	67-120
m,p-Xylenes	40	41.84	105	69-117
o-Xylene	20	22.33	112	75-122
Surrogate	%Rec	Limits		
Trifluorotoluene	96	53-124		
Bromofluorobenzene	78	41-142		

BSD Lab ID: QC63927

Analyte	Spike Added	BSD	%Rec #	Limits	RPD #	Limit
MTBE	20	15.63	78	65-135	0	20
Benzene	20	18.29	91	69-109	0	11
Toluene	20	18.96	95	72-116	7	11
Ethylbenzene	20	18.54	93	67-120	5	12
m,p-Xylenes	40	40.23	101	69-117	4	11
o-Xylene	20	21.59	108	75-122	3	12
Surrogate	%Rec	Limits				
Trifluorotoluene	91	53-124				
Bromofluorobenzene	76	41-142				

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

Halogenated Volatile Organics  
 EPA 8010 Analyte List

Client: ATC Associates, Inc.	Analysis Method: EPA 8260
Project#: 61877.0001	Prep Method: EPA 5030
Location: Prentiss Prop.	

Field ID: G-12	Sampled: 02/08/98
Lab ID: 132283-031	Received: 02/08/98
Matrix: Water	Extracted: 02/09/98
Batch#: 38997	Analyzed: 02/09/98
Units: ug/L	
Diln Fac: 10	

Analyte	Result	Reporting Limit
Chloromethane	ND	20
Vinyl Chloride	ND	20
Bromomethane	ND	20
Chloroethane	ND	20
Trichlorofluoromethane	ND	10
Freon 113	ND	10
1,1-Dichloroethene	ND	10
Methylene Chloride	ND	200
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
cis-1,2-Dichloroethene	ND	10
Chloroform	ND	10
1,1,1-Trichloroethane	ND	10
Carbon Tetrachloride	ND	10
1,2-Dichloroethane	ND	10
Trichloroethene	ND	10
1,2-Dichloropropane	ND	10
Bromodichloromethane	ND	10
cis-1,3-Dichloropropene	ND	10
trans-1,3-Dichloropropene	ND	10
1,1,2-Trichloroethane	ND	10
Tetrachloroethene	ND	10
Dibromochloromethane	ND	10
Chlorobenzene	ND	10
Bromoform	ND	20
1,1,2,2-Tetrachloroethane	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10
Surrogate	%Recovery	Recovery Limits
1,2-Dichloroethane-d4	97	85-121
Toluene-d8	102	92-110
Bromofluorobenzene	105	84-115

Halogenated Volatile Organics  
EPA 8010 Analyte List

Client: ATC Associates, Inc. Analysis Method: EPA 8260  
Project#: 61877.0001 Prep Method: EPA 5030  
Location: Prentiss Prop.

Field ID: G-11 Sampled: 02/08/98  
Lab ID: 132283-032 Received: 02/08/98  
Matrix: Water Extracted: 02/09/98  
Batch#: 38997 Analyzed: 02/09/98  
Units: ug/L  
Diln Fac: 4

Analyte	Result	Reporting Limit
Chloromethane	ND	8.0
Vinyl Chloride	ND	8.0
Bromomethane	ND	8.0
Chloroethane	ND	8.0
Trichlorofluoromethane	ND	4.0
Freon 113	ND	4.0
1,1-Dichloroethene	ND	4.0
Methylene Chloride	ND	80
trans-1,2-Dichloroethene	ND	4.0
1,1-Dichloroethane	ND	4.0
cis-1,2-Dichloroethene	ND	4.0
Chloroform	ND	4.0
1,1,1-Trichloroethane	ND	4.0
Carbon Tetrachloride	ND	4.0
1,2-Dichloroethane	ND	4.0
Trichloroethene	ND	4.0
1,2-Dichloropropane	ND	4.0
Bromodichloromethane	ND	4.0
cis-1,3-Dichloropropene	ND	4.0
trans-1,3-Dichloropropene	ND	4.0
1,1,2-Trichloroethane	ND	4.0
Tetrachloroethene	ND	4.0
Dibromochloromethane	ND	4.0
Chlorobenzene	ND	4.0
Bromoform	ND	8.0
1,1,2,2-Tetrachloroethane	ND	4.0
1,3-Dichlorobenzene	ND	4.0
1,4-Dichlorobenzene	ND	4.0
1,2-Dichlorobenzene	ND	4.0

Surrogate	%Recovery	Recovery Limits
1,2-Dichloroethane-d4	100	85-121
Toluene-d8	104	92-110
Bromofluorobenzene	104	84-115

Lab #: 132283

## BATCH QC REPORT

Halogenated Volatile Organics EPA 8010 Analyte List		
Client: ATC Associates, Inc.	Analysis Method: EPA 8260	
Project#: 61877.0001	Prep Method: EPA 5030	
Location: Prentiss Prop.		
METHOD BLANK		
Matrix: Water	Prep Date:	02/09/98
Batch#: 38997	Analysis Date:	02/09/98
Units: ug/L		
Diln Fac: 1		

MB Lab ID: QC63877

Analyte	Result	Reporting Limit
Chloromethane	ND	2.0
Vinyl Chloride	ND	2.0
Bromomethane	ND	2.0
Chloroethane	ND	2.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	1.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	ND	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	ND	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	2.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0
Surrogate	%Rec	Recovery Limits
1,2-Dichloroethane-d4	104	85-121
Toluene-d8	100	92-110
Bromofluorobenzene	105	84-115

Halogenated Volatile Organics			
Client: ATC Associates, Inc.	Analysis Method: EPA 8260		
Project#: 61877.0001	Prep Method: EPA 5030		
Location: Prentiss Prop.			
BLANK SPIKE/BLANK SPIKE DUPLICATE			
Matrix: Water	Prep Date: 02/09/98		
Batch#: 38997	Analysis Date: 02/09/98		
Units: ug/L			
Diln Fac: 1			

BS Lab ID: QC63875

Analyte	Spike Added	BS	%Rec #	Limits
1,1-Dichloroethene	50	53.1	106	69-137
Trichloroethene	50	51.03	102	83-116
Chlorobenzene	50	49.68	99	87-117
Surrogate	%Rec	Limits		
1,2-Dichloroethane-d4	101	85-121		
Toluene-d8	102	92-110		
Bromofluorobenzene	100	84-115		

BSD Lab ID: QC63876

Analyte	Spike Added	BSD	%Rec #	Limits	RPD #	Limit
1,1-Dichloroethene	50	49.27	99	69-137	7	14
Trichloroethene	50	50.6	101	83-116	1	10
Chlorobenzene	50	49.98	100	87-117	1	10
Surrogate	%Rec	Limits				
1,2-Dichloroethane-d4	101	85-121				
Toluene-d8	100	92-110				
Bromofluorobenzene	100	84-115				

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 3 outside limits

Spike Recovery: 0 out of 6 outside limits



132283

1062

66666 WILSON  
Pleasanton, CA 94588

2280 Game Drive, Suite C  
San Jose, CA 95134  
Tel: (408) 474-8280  
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# ATC ENVIRONMENTAL INC.

## Chain of Custody

**Turn Around Time**

Standard  
5 to 10 Business Days

Priority Rush  
24 Business Day(s)

24 hrs TAT

Project Name: Brentiss Properties, Inc  
 Project Number: 61877-0001  
 ATC Environmental Inc, Contact: Jim Lehman (510) 460-5300  
 Laboratory Name: Curtis & Tompkins

Sample Number	Location	Date	Time	Matrix			Preservative	No. of Containers	Type of Containers	TPH as gas/BTEX, EPA 8015	TPH as diesel, EPA 8015M	VOCs, EPA 8010	VOCs, EPA 8240	VOCs, EPA 8020	VOCs, EPA 8010/8020	SVOCs, EPA 8270	TRPH, SM 5520F	TOG, SM 5520B	Title 22 Metals, EPA	PP (13) Metals, EPA	Pesticides Only, EPA 8080	
				Soil	Water	Other																
G-6-10ft	Oakland	2/8/98	7:20	X			None	1	Acetate tube	X												
G-6-15ft			7:25							X												
G-6-20ft			7:45																			
G-7-15ft			9:10							X												
G-7-19ft			9:25							X												
G-7-21ft			9:45																			
G-7-23ft			10:05																			
G-8-5ft			10:45																			
G-8-12ft			10:55							X												
G-8-16ft			11:00							X												
G-8-20ft			11:10																			
G-9-11ft			12:05							X												
G-9-16ft			12:12							X												
G-9-20ft			12:22																			
G-9-22ft			12:35																			
G-10-10ft			13:50							X												

Remarks

Relinquished by sampler: Bob Ryan Date: 2/8/98 Time: 1:55 Received by: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by laboratory: Danara Moore Date: 4/8/98 Time: 19:55

132283

6666666666666666  
Pleasanton CA 94588

202

2580 Qume Drive, Suite C  
San Jose CA 95131  
Tel: (408) 474-0280  
Fax: (408) 434-6662  
FAX: (510) 463-2559

# ATC ENVIRONMENTAL INC.

## Chain of Custody

Project Name: Prentiss Properties Ltd Inc  
 Project Number: 61877-0001  
 ATC Environmental Inc. Contact: Jim Lehrman (510) 460-5300  
 Laboratory Name: Curtiss Tompkins (510) 938-0900

TPH as gas/BTEX, EPA 8015M	
TPH as diesel, EPA 8015M	
VOCs, EPA 8010	
VOCs, EPA 8240	
VOCs, EPA 8020	
VOCs, EPA 8010/8020	
SVOCs, EPA 8270	
TRPH, SM 5520F	
TOG, SM 5520B	
Title 22 Metals, EPA	
PP (13) Metals, EPA	
Pesticides Only, EPA 8080	

Turn Around Time  
 Standard  
 5 to 10 Business Days   
 Priority Rush  
 24 hr Business Day(s)

Sample Number	Location	Date	Time	Matrix			Preservative	No. of Containers	Type of Containers	TPH as gas/BTEX, EPA 8015M	TPH as diesel, EPA 8015M	VOCs, EPA 8010	VOCs, EPA 8240	VOCs, EPA 8020	VOCs, EPA 8010/8020	SVOCs, EPA 8270	TRPH, SM 5520F	TOG, SM 5520B	Title 22 Metals, EPA	PP (13) Metals, EPA	Pesticides Only, EPA 8080	
				Soil	Water	Other																
G-6	oakland	2/8/98	08:10		X		ACL	6	10 ml vials	X												
G-7			10:15					5		X												
G-8			11:30					5		X												
G-9			12:45					5		X												
G-10			14:45					5		X												
G-12			17:20					5		X												
G-11			17:35					5		X												
G-10-17ft			14:10	X			NONE	1	Acetate Steers	X												
G-10-21ft			14:30																			
G-11-11ft			15:25																			
G-11-16ft			15:35																			
G-11-20ft			15:45																			
G-12-11ft			16:30																			
G-12-16ft			16:45																			
G-12-20ft			17:00																			
G-12-22ft			17:05																			

Remarks

Relinquished by sampler <u>Bob Wram</u>	Date <u>2/8/98</u>	Time <u>1955</u>	Received by <u>Damara Moore</u>
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by laboratory <u>2/8/98</u> Date <u>1955</u> Time



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L   R E P O R T

Prepared for:

ATC Associates, Inc.  
6666 Owens Dr.  
Pleasanton, CA 94588

Date: 18-FEB-98  
Lab Job Number: 132282  
Project ID: 61877.0001  
Location: Prentiss Prop.

Reviewed by: Damara Moore

Reviewed by: \_\_\_\_\_

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## TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132282-001	G-1-10FT.	38994	02/07/98	02/09/98	02/09/98	
132282-002	G-1-24FT.	38996	02/07/98	02/10/98	02/10/98	
132282-004	G-2-10FT	38994	02/07/98	02/09/98	02/09/98	
132282-005	G-2-22FT	38994	02/07/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132282-001	132282-002	132282-004	132282-005
Diln Fac:		1	50	1	1
Gasoline C7-C12	mg/Kg	<1	200	<1	4.3
Surrogate					
Bromofluorobenzene	%REC	71	120	69	79

BTXE

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: EPA 8020A  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132282-001	G-1-10FT.	38994	02/07/98	02/09/98	02/09/98	
132282-002	G-1-24FT.	38996	02/07/98	02/10/98	02/10/98	
132282-004	G-2-10FT	38994	02/07/98	02/09/98	02/09/98	
132282-005	G-2-22FT	38994	02/07/98	02/09/98	02/09/98	

Matrix: Soil

Analyte	Units	132282-001	132282-002	132282-004	132282-005
Diln Fac:		1	50	1	1
MTBE	ug/Kg	<20	<1000	<20	27
Benzene	ug/Kg	<5	<250	<5	6.6
Toluene	ug/Kg	<5	310	<5	8.7
Ethylbenzene	ug/Kg	<5	1700	<5	87
m,p-Xylenes	ug/Kg	<5	1300	6.5	28
o-Xylene	ug/Kg	<5	530	<5	54
Surrogate					
Trifluorotoluene	%REC	95	165 *	88	93
Bromofluorobenzene	%REC	76	99	75	70

\* Values outside of QC limits

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.	Analysis Method: TVH
Project#: 61877.0001	Prep Method: EPA 5030
Location: Prentiss Prop.	

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132282-007	G-3-10FT	38994	02/07/98	02/09/98	02/09/98	
132282-008	G-3-16FT	38994	02/07/98	02/09/98	02/09/98	
132282-011	G-4-12FT	39042	02/07/98	02/12/98	02/12/98	
132282-012	G-4-22FT	39042	02/07/98	02/12/98	02/12/98	

Matrix: Soil

Analyte	Units	132282-007	132282-008	132282-011	132282-012
Diln Fac:		1	1	1	1
Gasoline C7-C12	mg/Kg	<1	<1	<1	17
Surrogate					
Bromofluorobenzene	%REC	80	63	64	126

BTXE

 Client: ATC Associates, Inc.  
 Project#: 61877.0001  
 Location: Prentiss Prop.

 Analysis Method: EPA 8020A  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132282-007	G-3-10FT	38994	02/07/98	02/09/98	02/09/98	
132282-008	G-3-16FT	38994	02/07/98	02/09/98	02/09/98	
132282-011	G-4-12FT	39042	02/07/98	02/12/98	02/12/98	
132282-012	G-4-22FT	39042	02/07/98	02/12/98	02/12/98	

Matrix: Soil

Analyte	Units	132282-007	132282-008	132282-011	132282-012
Diln Fac:		1	1	1	1
MTBE	ug/Kg	<20	<20	<20	<20
Benzene	ug/Kg	<5	<5	<5	<5
Toluene	ug/Kg	<5	<5	<5	20
Ethylbenzene	ug/Kg	<5	<5	<5	110
m,p-Xylenes	ug/Kg	<5	<5	<5	74
o-Xylene	ug/Kg	<5	<5	<5	230
Surrogate					
Trifluorotoluene	%REC	95	88	83	105
Bromofluorobenzene	%REC	79	74	71	94



TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132282-014	G-5-11FT	39042	02/07/98	02/12/98	02/12/98	
132282-015	G-5-21FT	39042	02/07/98	02/12/98	02/12/98	

Matrix: Soil

Analyte	Units	132282-014	132282-015
Diln Fac:		1	1
Gasoline C7-C12	mg/Kg	<1	<1
Surrogate			
Bromofluorobenzene	%REC	67	68



BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
132282-014	G-5-11FT	39042	02/07/98	02/12/98	02/12/98	
132282-015	G-5-21FT	39042	02/07/98	02/12/98	02/12/98	

Matrix: Soil

Analyte	Units	132282-014	132282-015
Diln Fac:		1	1
MTBE	ug/Kg	<20	<20
Benzene	ug/Kg	<5	<5
Toluene	ug/Kg	<5	<5
Ethylbenzene	ug/Kg	<5	<5
m,p-Xylenes	ug/Kg	<5	<5
o-Xylene	ug/Kg	<5	<5
Surrogate			
Trifluorotoluene	%REC	89	93
Bromofluorobenzene	%REC	74	75

Lab #: 132282

BATCH QC REPORT

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Soil  
Batch#: 38994  
Units: mg/Kg  
Diln Fac: 1

Prep Date: 02/09/98  
Analysis Date: 02/09/98

MB Lab ID: QC63861

Analyte	Result	
Gasoline C7-C12	<1.0	
Surrogate	%Rec	Recovery Limits
Bromofluorobenzene	70	53-157

Lab #: 132282

BATCH QC REPORT

BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Soil  
Batch#: 38994  
Units: ug/Kg  
Diln Fac: 1

Prep Date: 02/09/98  
Analysis Date: 02/09/98

MB Lab ID: QC63861

Analyte	Result		
MTBE	<20		
Benzene	<5.0		
Toluene	<5.0		
Ethylbenzene	<5.0		
m,p-Xylenes	<5.0		
o-Xylene	<5.0		
Surrogate	%Rec		Recovery Limits
Trifluorotoluene	88		53-126
Bromofluorobenzene	74		35-144

Lab #: 132282

BATCH QC REPORT

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Soil  
Batch#: 39042  
Units: mg/Kg  
Diln Fac: 1

Prep Date: 02/12/98  
Analysis Date: 02/12/98

MB Lab ID: QC64044

Analyte	Result	
Gasoline C7-C12	<1.0	
Surrogate	%Rec	Recovery Limits
Bromofluorobenzene	65	53-157

Lab #: 132282

BATCH QC REPORT

BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Soil  
Batch#: 39042  
Units: ug/Kg  
Diln Fac: 1

Prep Date: 02/12/98  
Analysis Date: 02/12/98

MB Lab ID: QC64044

Analyte	Result		
MTBE	<20		
Benzene	<5.0		
Toluene	<5.0		
Ethylbenzene	<5.0		
m,p-Xylenes	<5.0		
o-Xylene	<5.0		
Surrogate	%Rec		Recovery Limits
Trifluorotoluene	87		53-126
Bromofluorobenzene	70		35-144

Lab #: 132282

BATCH QC REPORT

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water  
Batch#: 38996  
Units: ug/L  
Diln Fac: 1

Prep Date: 02/10/98  
Analysis Date: 02/10/98

MB Lab ID: QC63872

Analyte	Result	
Gasoline C7-C12	<1.0	
Surrogate	%Rec	Recovery Limits
Bromofluorobenzene	77	53-157

Lab #: 132282

BATCH QC REPORT



Curtis & Tompkins Ltd.  
Page 1 of 1

BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water  
Batch#: 38996  
Units: ug/L  
Diln Fac: 1

Prep Date: 02/10/98  
Analysis Date: 02/10/98

MB Lab ID: QC63872

Analyte	Result		
MTBE	<20		
Benzene	<5.0		
Toluene	<5.0		
Ethylbenzene	<5.0		
m,p-Xylenes	<5.0		
o-Xylene	<5.0		
Surrogate	%Rec		Recovery Limits
Trifluorotoluene	86		53-126
Bromofluorobenzene	71		35-144

Lab #: 132282

BATCH QC REPORT



TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc. Analysis Method: TVH  
Project#: 61877.0001 Prep Method: EPA 5030  
Location: Prentiss Prop.

LABORATORY CONTROL SAMPLE

Matrix: Soil Prep Date: 02/09/98  
Batch#: 38994 Analysis Date: 02/09/98  
Units: mg/Kg  
Diln Fac: 1

LCS Lab ID: QC63859

Analyte	Result	Spike Added	%Rec #	Limits
Gasoline C7-C12	9.66	10	97	78-120
Surrogate	%Rec	Limits		
Bromofluorobenzene	96	53-157		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits



Lab #: 132282

BATCH QC REPORT



Curtis & Tompkins Ltd.  
Page 1 of 1

BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

LABORATORY CONTROL SAMPLE

Matrix: Soil  
Batch#: 38994  
Units: ug/Kg  
Diln Fac: 1

Prep Date: 02/09/98  
Analysis Date: 02/09/98

LCS Lab ID: QC63860

Analyte	Result	Spike Added	%Rec #	Limits
MTBE	72.74	100	73	65-135
Benzene	87.34	100	87	69-118
Toluene	91.05	100	91	73-118
Ethylbenzene	91.41	100	91	68-124
m,p-Xylenes	199.6	200	100	67-124
o-Xylene	105.2	100	105	73-127
Surrogate	%Rec	Limits		
Trifluorotoluene	86	53-126		
Bromofluorobenzene	76	35-144		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 6 outside limits

Lab #: 132282

BATCH QC REPORT



TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc. Analysis Method: TVH  
Project#: 61877.0001 Prep Method: EPA 5030  
Location: Prentiss Prop.

LABORATORY CONTROL SAMPLE

Matrix: Soil Prep Date: 02/12/98  
Batch#: 39042 Analysis Date: 02/12/98  
Units: mg/Kg  
Diln Fac: 1

LCS Lab ID: QC64042

Analyte	Result	Spike Added	%Rec #	Limits
Gasoline C7-C12	10.12	10	101	78-120
Surrogate	%Rec	Limits		
Bromofluorobenzene	98	53-157		

# Column to be used to flag recovery and RPD values with an asterisk  
\* Values outside of QC limits  
Spike Recovery: 0 out of 1 outside limits

Lab #: 132282

BATCH QC REPORT

BTXE	
Client: ATC Associates, Inc.	Analysis Method: EPA 8020A
Project#: 61877.0001	Prep Method: EPA 5030
Location: Prentiss Prop.	
LABORATORY CONTROL SAMPLE	
Matrix: Soil	Prep Date: 02/12/98
Batch#: 39042	Analysis Date: 02/12/98
Units: ug/Kg	
Diln Fac: 1	

LCS Lab ID: QC64043

Analyte	Result	Spike Added	%Rec #	Limits
MTBE	96.75	100	97	65-135
Benzene	98.11	100	98	69-118
Toluene	104.1	100	104	73-118
Ethylbenzene	103.6	100	104	68-124
m,p-Xylenes	224.4	200	112	67-124
o-Xylene	119.4	100	119	73-127
Surrogate	%Rec	Limits		
Trifluorotoluene	95	53-126		
Bromofluorobenzene	77	35-144		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 6 outside limits

NM: Not meaningful

Lab #: 132282

BATCH QC REPORT

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

LABORATORY CONTROL SAMPLE

Matrix: Water  
Batch#: 38996  
Units: ug/L  
Diln Fac: 1

Prep Date: 02/10/98  
Analysis Date: 02/10/98

LCS Lab ID: QC63870

Analyte	Result	Spike Added	%Rec #	Limits
Gasoline C7-C12	1932	2000	97	78-120
Surrogate	%Rec	Limits		
Bromofluorobenzene	93	53-157		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits

Lab #: 132282

BATCH QC REPORT



Curtis & Tompkins, Ltd.  
Page 1 of 1

BTXE

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: EPA 8020A  
Prep Method: EPA 5030

LABORATORY CONTROL SAMPLE

Matrix: Water  
Batch#: 38996  
Units: ug/Kg  
Diln Fac: 1

Prep Date: 02/10/98  
Analysis Date: 02/10/98

LCS Lab ID: QC63871

Analyte	Result	Spike Added	%Rec #	Limits
MTBE	20.46	20	102	65-135
Benzene	20.77	20	104	69-118
Toluene	21.54	20	108	73-118
Ethylbenzene	21.68	20	108	68-124
m,p-Xylenes	46	40	115	67-124
o-Xylene	22.93	20	115	73-127
Surrogate	%Rec	Limits		
Trifluorotoluene	91	53-126		
Bromofluorobenzene	73	35-144		

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

Spike Recovery: 0 out of 6 outside limits

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.	Analysis Method: TVH
Project#: 61877.0001	Prep Method: EPA 5030
Location: Prentiss Prop.	

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Field ID: G-1-10FT.	Sample Date: 02/07/98
Lab ID: 132282-001	Received Date: 02/08/98
Matrix: Soil	Prep Date: 02/09/98
Batch#: 38994	Analysis Date: 02/09/98
Units: mg/Kg	
Diln Fac: 1	

MS Lab ID: QC63862

Analyte	Spike Added	Sample	MS	%Rec #	Limits
Gasoline C7-C12	10	<1	8.49	85	38-132
Surrogate	%Rec	Limits			
Bromofluorobenzene	91	53-157			

MSD Lab ID: QC63863

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
Gasoline C7-C12	10	8.77	88	38-132	3	26
Surrogate	%Rec	Limits				
Bromofluorobenzene	91	53-157				

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

Lab #: 132282

BATCH QC REPORT



TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.  
Project#: 61877.0001  
Location: Prentiss Prop.

Analysis Method: TVH  
Prep Method: EPA 5030

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Field ID: ZZZZZZ  
Lab ID: 132285-001  
Matrix: Soil  
Batch#: 39042  
Units: mg/Kg  
Diln Fac: 1

Sample Date: 02/04/98  
Received Date: 02/09/98  
Prep Date: 02/12/98  
Analysis Date: 02/12/98

MS Lab ID: QC64045

Analyte	Spike Added	Sample	MS	%Rec #	Limits
Gasoline C7-C12	10	<1	8.56	86	38-132
Surrogate	%Rec	Limits			
Bromofluorobenzene	94	53-157			

MSD Lab ID: QC64046

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
Gasoline C7-C12	10	9.03	90	38-132	5	26
Surrogate	%Rec	Limits				
Bromofluorobenzene	95	53-157				

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

# ATC ENVIRONMENTAL INC.

## Chain of Custody

132282

2980 Game Drive, Suite C  
San Jose, CA 95131  
Tel: (408) 474-0280  
Fax: (408) 434-6662

Project Name <b>Prentiss Properties Ltd. Inc.</b>										TPH as gas/BTEX, EPA 8051A TPH as diesel, EPA 8015M VOCs, EPA 8010 VOCs, EPA 8240 VOCs, EPA 8020 VOCs, EPA 8010/8020 SVOCs, EPA 8270 TRPH, SM 5520F TOG, SM 5520B Title 22 Metals, EPA PP (13) Metals, EPA Pesticides Only, EPA 8080	Turn Around Time														
Project Number <b>61877.0001</b>											Standard 5 to 10 Business Days <input type="checkbox"/>														
ATC Environmental Inc. Contact <b>Jim Lehman (510) 460-5300</b>											Priority Rush 24hr Business Day(s) <input checked="" type="checkbox"/>														
Laboratory Name <b>Curtis &amp; Tompkins</b>											1 of 2														
Sample Number	Location	Date	Time	Matrix			Preservative	No. of Containers	Type of Containers	TPH as gas/BTEX, EPA 8051A	TPH as diesel, EPA 8015M	VOCs, EPA 8010	VOCs, EPA 8240	VOCs, EPA 8020	VOCs, EPA 8010/8020	SVOCs, EPA 8270	TRPH, SM 5520F	TOG, SM 5520B	Title 22 Metals, EPA	PP (13) Metals, EPA	Pesticides Only, EPA 8080	Remarks			
				Soil	Water	Other																			
1	G-1-10ft	2/7/98	0900	X			NONE	1	Acetate sleeve	X				X											
2	G-1-24ft		10:00	X			↓	1		X				X											
3	G-2-1ft		11:20	X			NONE	1		X				X											
4	G-2-10ft		10:20	X			↓	1		X				X											
5	G-2-22ft		12:05	X			↓	1		X				X											
6	G-2-25ft		12:20	X			↓	1		X				X											
7	G-3-10ft		13:20	X			NONE	1		X				X											
8	G-3-16ft		13:40	X			↓	1		X				X											
9	G-3-19ft		14:00	X			↓	12*		X				X											
10	G-3-22ft		14:10	X			↓	1		X				X											
Relinquished by sampler <b>Bob Adam</b>										Date <b>2/8/98</b>		Time <b>0900</b>		Received by <b>Damara Moore</b>											
Relinquished by										Date		Time		Received by											
Relinquished by										Date		Time		Received by laboratory										Date	Time

\* 2 containers sent

1.17