

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

August 30, 2006

Ms. Sue Pinera
Hertz Corporation
225 Brae Blvd.
Park Ridge, NJ 07656-0713

Mr. Dale Klettke
Port of Oakland
530 Water St.
Oakland, CA 94604-2064

Dear Ms. Pinera and Mr. Klettke:

Subject: Fuel Leak Site Case Closure, MOIA, Hertz Rent-A-Car, 1 Airport Drive, Oakland, CA 94621; Case No. RO0000157.

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.


SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Up to 29 parts per million (ppm) total petroleum hydrocarbons as gasoline (TPHg), 0.077, 0.13, 1.08 ppm, toluene, ethyl benzene and xylenes, respectively and 19.9, 2.5, 23.5 ppm chromium, lead and zinc, respectively, remain in soil at this site.
- Up to 110 parts per billion (ppb) TPHg and 140 ppb methyl tertiary butyl ether (MTBE) remain in groundwater at this site.

If you have any questions, please call Barney Chan at (510) 567-6765. Thank you.

Sincerely,


Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosures:

1. Remedial Action Completion Certificate
2. Case Closure Summary

cc:

Mr. Leroy Griffin (w/enc)
Oakland Fire Department
250 Frank Ogawa Plaza, Suite 3341
Oakland, CA 94612

Mr. Toru Okamoto (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

✓
(B. Chan) (w/orig enc), D. Drogos (w/enc), R. Garcia (w/enc)

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

August 30, 2006

Ms. Sue Pinera Hertz Corporation 225 Brae Blvd. Park Ridge, NJ 07656-0713	Mr. Dale Klettke Port of Oakland 530 Water St. Oakland, CA 94604-2064
------------------------------------------------------------------------------------	--------------------------------------------------------------------------------

Dear Ms. Pinera and Mr. Klettke:

Subject: Fuel Leak Site Case Closure, MOIA, Hertz Rent-A-Car, 1 Airport Drive, Oakland, CA 94621; Case No. RO0000157.

This letter confirms the completion of a site investigation and remedial action for the five (5) underground storage tanks, (1- 10,000 gallon, 1- 12,000 gallon, 1- 5000 gallon and 2- 500 gallon), formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

William W. Pitcher
William Pitcher
Acting Director
Alameda County Environmental Health

Alameda County Environmental Health

**CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM**

I. AGENCY INFORMATION

Date: 3/8/06

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6765
Responsible Staff Person: Barney Chan	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: MOIA, HERTZ RENT-A-CAR		
Site Facility Address: 1 Airport Drive, Oakland, CA 94621		
RB Case No.: ----	Local Case No.: STID 2260	LOP Case No.: RO0000157
URF Filing Date: 5/1/89	SWEEPS No.: ---	APN: ----
Responsible Parties	Addresses	Phone Numbers
Hertz Corp. Ms. Sue Pinera	22 Brae Blvd. Park Ridge, NJ 07656-0713	----
Port of Oakland Mr. Dale Klettke	530 Water St. Oakland, CA 94604-2064	510-627-1118

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
MF13	10,000	Gasoline	Removed	10/88
MF14	5000	Gasoline	Removed	10/88
MF15	500	Waste oil	Removed	10/88
MF33	12000	UL Gasoline	Removed	5/21/02
MF34	500	Waste oil	Removed	5/21/02
Piping			Removed	10/88 & 5/21/02

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: leak from dispenser		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? yes	Number: 9	Proper screened interval? ~4-13'
Highest GW Depth Below Ground Surface: 1.31' bgs	Lowest Depth: 5.24' bgs	Flow Direction: southwest
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: none identified within a ¼ mile radius	
Are drinking water wells affected? No	Aquifer Name: Oakland Sub basin East Bay Plain
Is surface water affected? No	Nearest SW Name: SF Bay is located ~ ½ mile to the southeast
Off-Site Beneficial Use Impacts (Addresses/Locations): none	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health & City of Oakland Fire Dept., 250 Frank Ogawa Plaza, St. 3341, Oakland, 94612

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	1-10000, 1-5000 & 1-500 gallon	Unknown	10/88
	1-12000 & 1-500 gallon	Disposed at ECI, Richmond, CA	5/21/02
Piping	Unknown	Presumed removed with USTs	10/88
	Unknown	Removed with USTs	5/21/02
Free Product	---	---	---
Soil	~270 cubic yards	Disposed at Forward Landfill in Manteca, CA	8/9/2002
Groundwater	1420 pounds 330 gal	ORC injection down-gradient of dispensers Removed drums to D/K Environmental, Vernon, CA	5/29&30/ 2001 10/14/2002
	Fenton's Reagent treatment	Added to dispenser area, gasoline and waste oil tank pits	6/7/02 and 7/12/02

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	1300	29	120,000	110
TPH (Diesel)	<2	<2	—	<50
Oil & Grease	<8	<8	<5000	<5000
Benzene	0.44	<0.025	8800	<1
Toluene	6.2	0.077	14,000	<1
Ethylbenzene	6.3	0.13	2100	<1
Xylenes	41	1.08	11,000	<1
Heavy Metals: Cd, Cr, Pb, Ni, Zn	<0.5, 19.8, 2.5, NA, 23.5	<0.5, 19.8, 2.5, NA, 23.5	<5, 55, <15, 88,130	<10, <10,<3 <32,<20
MTBE *	<0.25	<0.25	*23000	**140
Other (8240/8270)	ND/ND	ND/ND	ND/ND	ND/ND

* 23000 ppb MTBE, <5 ppb TAME, <5 ppb ETBE, <5 ppb DIPE, 220 ppb TBA, NA EtOH, NA EDB, and NA EDC

** 140 ppb MTBE, <10 ppb TAME, <10 ppb ETBE, <10 ppb DIPE, 44 ppb TBA, NA EtOH ppb, <1 ppb EDB, and <1 ppb EDC

Site History and Description of Corrective Actions:

The Hertz Service Center is located in the South Field Airport Terminal area, which was constructed by the placement of fill and grading activities in 1961. See Attachment 1. The car rental facility was constructed in July 1968. The facility is located between Terminal 1 to the south, Alan Shepard Way to the northeast and Building M-104 to the northwest. The first generation of USTs consisted of USTs (MF13/14/15), 1-10,000 gallon, 1-5000 gallon gasoline and 1-500 gallon waste oil tank, respectively, located in a common pit. It is uncertain when the former USTs were installed, however, after their removal in 1988, office buildings were built on top of the former UST area.

In October 1988, the three USTs were removed from the site. Soil samples A1, A2, A3, A4, A6 were collected from the fill and vent ends of the tanks and sample A5 was collected from groundwater in the tank excavation. Soil samples B1 and B2 were collected from the piping excavation trenches located adjacent to the dispenser island. A composite soil sample (C1, C2 and C3) was collected from the soil stockpile generated during tank excavation activities. See Attachment 2, version 1 and version 2, which show the different renditions of the sample locations. Note subsequent figures use version 2 for sample locations.

The soil and groundwater samples were analyzed for TPHg and BTEX. In addition, soil sample A1 was analyzed for TPHd, oil and grease and HVOCS. All samples were ND with the exception of piping sample B2, which detected 1300 ppm TPHg and 0.055, 0.051, 0.019, 0.2 ppm BTEX, respectively and groundwater sample A-5, which detected 7400 ppb TPHg and 63, 570, 250, 1900 ppb BTEX, respectively. See Attachment 3 for soil and Attachment 5 for groundwater analytical results.

On December 20, 1989, three monitoring wells were installed around the former tank pit, two up and one down-gradient of the former tank pit. The soil borings extended to a maximum depth of 16.5 feet. Soil samples were collected from each boring at 2' and 5' below ground surface (bgs) and the wells were screened from 5-15'. Similar soil types were encountered in the three monitoring well borings. From surface to approximately 13' bgs, fill was encountered consisting of mostly sand with trace silt and clay and pockets of shell fragments. At approximately 13 feet bgs, clay is encountered. Groundwater was encountered at a depth of approximately 6-10 feet bgs and rose to approximately 4-5 feet bgs. Soil and groundwater samples were collected from each boring and well and were

analyzed for TPH as gasoline and diesel (TPHg and TPHd), chlorinated hydrocarbons, BTEX and SVOCs. The metals, cadmium, chromium, lead, and zinc were also run on the 2' soil samples. All analytical results were ND for organics and cadmium. Chromium, up to 19.8 ppm, lead up to 2.5 ppm and zinc, up to 23.5 ppm were detected in the soil samples. See Attachment 4 for well locations and Attachment 5 for soil and groundwater results for MW1-MW3.

About this same time a new 12,000 gallon gasoline tank was installed just northeast of the original tank pit as well as a new piping run connected to the same dispenser island of the original tanks.

In February 1992 another well, MW4, was installed immediately adjacent and down-gradient of the fuel island. The specifics of this well installation were not provided. It is assumed this well's construction is similar to the other three ie 15' well depth and screened from 5-15'. The initial sampling of this well (2/92) detected 6600 ppb TPHg and 910, 1900, 280, 1700 ppb, BTEX, respectively. The May 1992 sampling of this well detected even greater concentrations, up to 62, 000 ppb TPHg and 3400, 5200, 990, 5200 ppb BTEX, respectively. Based upon these results, on October 26, 1992, two additional monitoring wells, MW-5 and MW-6 were installed down-gradient of MW-4. These wells were screened from 4-13'. Soil samples taken at 5' depth from each of these well borings were ND for TPHg, TPHd and BTEX. During the well installation, a 8000 gallon diesel tank belonging to the Port of Oakland and a 1000 gallon diesel tank belonging to the FAA were identified just west of the site on the access road. TPHd was therefore, added to the analysis suite. Up to 820 ppb TPHg, 250 ppb benzene and 5.9 ppb ethyl benzene and 240 ppb TPH quantified as kerosene, was detected in MW-6.

On May 24, 1993, three additional wells, MW-7, MW-8 and MW-9, were installed to depths of 13 feet bgs further down-gradient of the dispenser island on the Port of Oakland property. They were screened from 3-13'. The wells were installed to determine the lateral extent of the TPH plume from the dispenser island as well as determine if the other two diesel tanks might have had releases affecting groundwater. During drilling, one soil sample from each boring was collected from the soil/groundwater interface at depths of approximately 5 feet bgs. Soil samples were analyzed and were ND for TPHg, TPHd, and BTEX. Subsequently, tank integrity tests for both the Port and FAA tanks indicated the tanks met regulatory requirements. See Attachment 12 for soil sample analytical results.

Groundwater monitoring stopped in December 1993 and resumed in September 1996. Elevated TPHg and BTEX remained present in MW4 and in 1996 MTBE was added to the analysis suite and was detected at 100 ppb. It was sometime in 1997 that a 500 gallon waste oil tank appears on site figures, located approximately 30 feet west of the new 12,000 gallon gasoline tank. In 1999, ORC socks were placed in well MW4 as a passive remedial approach.

On April 19, 2001 the utility trench located south and southwest of the Hertz facility was investigated to see if it may be acting as a preferential pathway for contaminant migration. Four hand borings (T-1 through T-4) were advanced along the trench and soil and groundwater samples were attempted to be collected. Only three soil and one groundwater sample were able to be collected. All samples were ND for TPHg, BTEX, MTBE, TAME, ETBE, DIPE and TBA. Therefore, the electrical utility trench did not appear to be acting as a preferential pathway. See Attachment 6 for trench locations and Attachment 12 for analytical results.

On May 29 and 30, 2001, ORC was injected at 34 locations south of the Hertz facility and around the fuel island dispenser area. At each ORC injection location, a 2-inch diameter steel rod with a disposable tip was advanced to a depth of approximately 10 feet bgs using a direct-push sampling rig. Prior to injecting the ORC compound, the drive rod was retracted to a depth of 3 feet bgs at each location. Approximately 20 pounds of ORC was injected at each of the 24 locations south of the Hertz facility and approximately 94 pounds of ORC was injected into the 10 borings located around the fuel island dispenser area. See Attachment 7 for ORC Injection Point locations.

On May 21, 2002, UST MF-33, the 12,000-gallon unleaded gasoline tank and UST MF-34, the 500-gallon waste oil tank were removed. No holes were observed in either of the two USTs, and the tanks appeared to be in good condition. Two soil samples (G-N and G-S) were collected from the gasoline UST excavation at soil/groundwater interface at a depth of three feet bgs. Additionally, seven (7) discrete soil samples (P-1 through P-7) were collected at approximately 20-foot intervals beneath the gasoline UST piping. Soil and groundwater samples from the gasoline UST pit and piping and dispenser area were analyzed for TPHg, BTEX, MTBE and lead (for the stockpile only). The waste oil tank samples were analyzed for TPHmo, SVOCs, VOCs, PCBs, pesticides and the LUFT metals. See Attachment 8 for UST Removal Sampling Locations.

No evidence of contamination was noted in the soil samples from the gasoline or waste oil tank excavations. Soil contamination was only encountered in the pipe trench sample located near the gasoline fuel dispensers, P-7. Excavation of contaminated soil near the fuel dispensers continued until the excavation measured 20 feet wide by 35 feet long by 9 feet deep. Groundwater seeped slowly into the excavation so none was removed. From the waste oil tank pit, soil samples were collected from each sidewall and bottom of the excavation (EX-N, EX-E, EX-S, EX-W, and EX-B). In addition, one discrete soil sample (WO-1) was collected from the waste oil UST excavation above the water table (approximately 3 feet bgs) near the fill end of the UST. One grab groundwater sample (G-1) was

collected from standing water in the UST excavation, one grab groundwater sample (WO-1) was collected from standing water in the waste oil tank excavation and one grab groundwater sample (EW-1) was collected from standing water in the fuel dispenser excavation at depths of approximately 3', 3' and 9', respectively. Up to 23,000 ppb MTBE was detected in water sample G-1 and up to 30,000 ppb TPHg was detected in water sample EW-1. Water sample WO-1, detected 130 ppb TPHd and 7.6 ppb MTBE. See Attachment 9 for Dispenser Area Soil Sample Locations and Attachments 10 and 11 for Soil and Groundwater Analytical Data.

On June 7, 2002, the groundwater in the pit associated with the gasoline dispenser area excavation was chemically treated. The groundwater in the gasoline and waste oil UST excavations was chemically treated on July 12, 2002. The groundwater treatment utilized Fenton's reagent (hydrogen peroxide and ferrous iron), which creates hydroxyl free radicals in solution. Vendor literature states the hydroxyl free radical (OH•) is a powerful oxidizer of organic compounds and is capable of oxidizing complex organic compounds. The organic compounds are broken down into non-hazardous carbon dioxide and water. Residual hydrogen peroxide and iron are rapidly broken down into water and oxygen or precipitated as ferric iron. Post treatment groundwater samples were collected from the dispenser excavation on June 11, 2002 and from the gasoline and waste oil excavations on July 15, 2002. Sample PIT was collected from the gasoline dispenser excavation, sample G-EX from the gasoline UST excavation, and sample WO-EX from the waste oil UST excavation. Groundwater concentrations were significantly reduced to 63 ppb TPHg, 1.5, 3, <0.5, 5.5 and 46 ppb, BTEX and MTBE, respectively. Thus, it appeared that chemical treatment had been successful in reducing the concentrations of TPH in the groundwater pits. See Attachment 11 for analytical results.

All USTs have been removed from the site along with impacted soil near the dispenser island. Releases appear to have occurred both from the former 12,000 gallon gasoline UST and from the former dispenser islands. Both areas have been excavated to remove impacted soil and Fenton's reagent added to groundwater to chemically treat residual contamination. In addition, ORC has been injected in and down-gradient of the dispenser area to enhance bio-remediation. Groundwater monitoring indicates that the release is limited in lateral extent and that contaminant concentrations in groundwater appear stable and decreasing. See Attachment 13 for groundwater monitoring results and DTW tables and Attachment 14 for boring logs.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes No		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes No		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: Site will be entered into the City of Oakland Permit Tracking System. Case closure for the fuel leak site is granted for commercial land use. If land use changes to residential or other conservative scenario at this property, Alameda County Environmental Health must be notified and the case be re-evaluated.		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: NA
Monitoring Wells Decommissioned: No	Number Decommissioned: 1	Number Retained: 8
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

- The disposition of the USTs, piping and excavated soils for the 10/88 tank removals is not documented and it is unknown whether the excavated soil was reused or not. However, a composite sample from the stockpile was

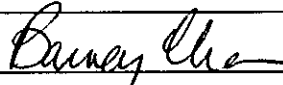
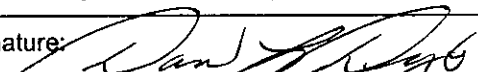
analyzed and reported ND for TPHg, BTEX, HVOCs and SVOCs.

- The soil sample locations from the 10/88 tank removal have been depicted differently in the sampling reports, version 1 and version 2. The soil sample analyzed for oil and grease, TPHg, BTEX, TPHd and HVOCs, A1, was located near the north end of the waste oil tank originally, but was moved to the south end of the 5000 gallon gasoline tank in subsequent reports. Sample A1 was ND for all analytes tested and it is assumed that the correct soil sample locations are those where sample A1 at the end of the waste oil tank. The significance of this uncertainty is small since all UST soil samples were ND for all analytes and the 8/91 monitoring results from MW1-MW3 were also ND for oil and grease, HVOCs and SVOCs.
- The metals results for cadmium, chromium, lead and zinc are from soil samples from MW-1 through MW-3. These metals were not run on the waste oil soil sample from the 10/88 tank removal. SVOC soil analysis was done on piping sample, B-1 and the composite stockpile sample, not sample A1. These samples were ND.
- MTBE, the other oxygenates and lead scavengers were not run on the 10/88 tank removal samples. These compounds were run on groundwater samples from MW4, immediately down-gradient of the former tank pit.
- The boring log for MW-4 could not be found. Its construction is assumed to be similar to the other wells. This well was decommissioned when the dispenser area was over-excavated in 2002.
- Though the initial groundwater samples after Fenton's reagent treatment of the UST and dispenser areas indicated low petroleum concentrations, no additional groundwater samples were taken to see if rebound occurs.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land use. Residual soil and groundwater contamination in vicinity of former dispenser island appears localized and attenuating. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Barney Chan	Title: Hazardous Materials Specialist
Signature: 	Date: 03/17/06
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: 	Date: 03/17/06

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature:	Date:

analyzed and reported ND for TPHg, BTEX, HVOCs and SVOCs.

- The soil sample locations from the 10/88 tank removal have been depicted differently in the sampling reports, version 1 and version 2. The soil sample analyzed for oil and grease, TPHg, BTEX, TPHd and HVOCs, A1, was located near the north end of the waste oil tank originally, but was moved to the south end of the 5000 gallon gasoline tank in subsequent reports. Sample A1 was ND for all analytes tested and it is assumed that the correct soil sample locations are those where sample A1 at the end of the waste oil tank. The significance of this uncertainty is small since all UST soil samples were ND for all analytes and the 8/91 monitoring results from MW1-MW3 were also ND for oil and grease, HVOCs and SVOCs.
- The metals results for cadmium, chromium, lead and zinc are from soil samples from MW-1 through MW-3. These metals were not run on the waste oil soil sample from the 10/88 tank removal. SVOC soil analysis was done on piping sample, B-1 and the composite stockpile sample, not sample A1. These samples were ND.
- MTBE, the other oxygenates and lead scavengers were not run on the 10/88 tank removal samples. These compounds were run on groundwater samples from MW4, immediately down-gradient of the former tank pit.
- The boring log for MW-4 could not be found. Its construction is assumed to be similar to the other wells. This well was decommissioned when the dispenser area was over-excavated in 2002.
- Though the initial groundwater samples after Fenton's reagent treatment of the UST and dispenser areas indicated low petroleum concentrations, no additional groundwater samples were taken to see if rebound occurs.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land use. Residual soil and groundwater contamination in vicinity of former dispenser island appears localized and attenuating. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Barney Chan	Title: Hazardous Materials Specialist
Signature: <i>Barney Chan</i>	Date: 03/17/06
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: <i>Donna L. Drogos</i>	Date: 03/17/06

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB: 3/21/06
Signature: <i>Cherie McCaulou</i>	Date: 4/13/06

Post-It® Fax Note	7671	Date	4/13/06	# of pages	3
To	<i>Barney Chan</i>	From	<i>Cherie McCaulou</i>		
Co./Dept.	<i>ACEHS</i>	Co.	<i>SF Bay RWQCB</i>		
Phone #		Phone #	<i>510 622 2342</i>		
Fax #	<i>510 337 9335</i>	Fax #	<i>622 2464</i>		

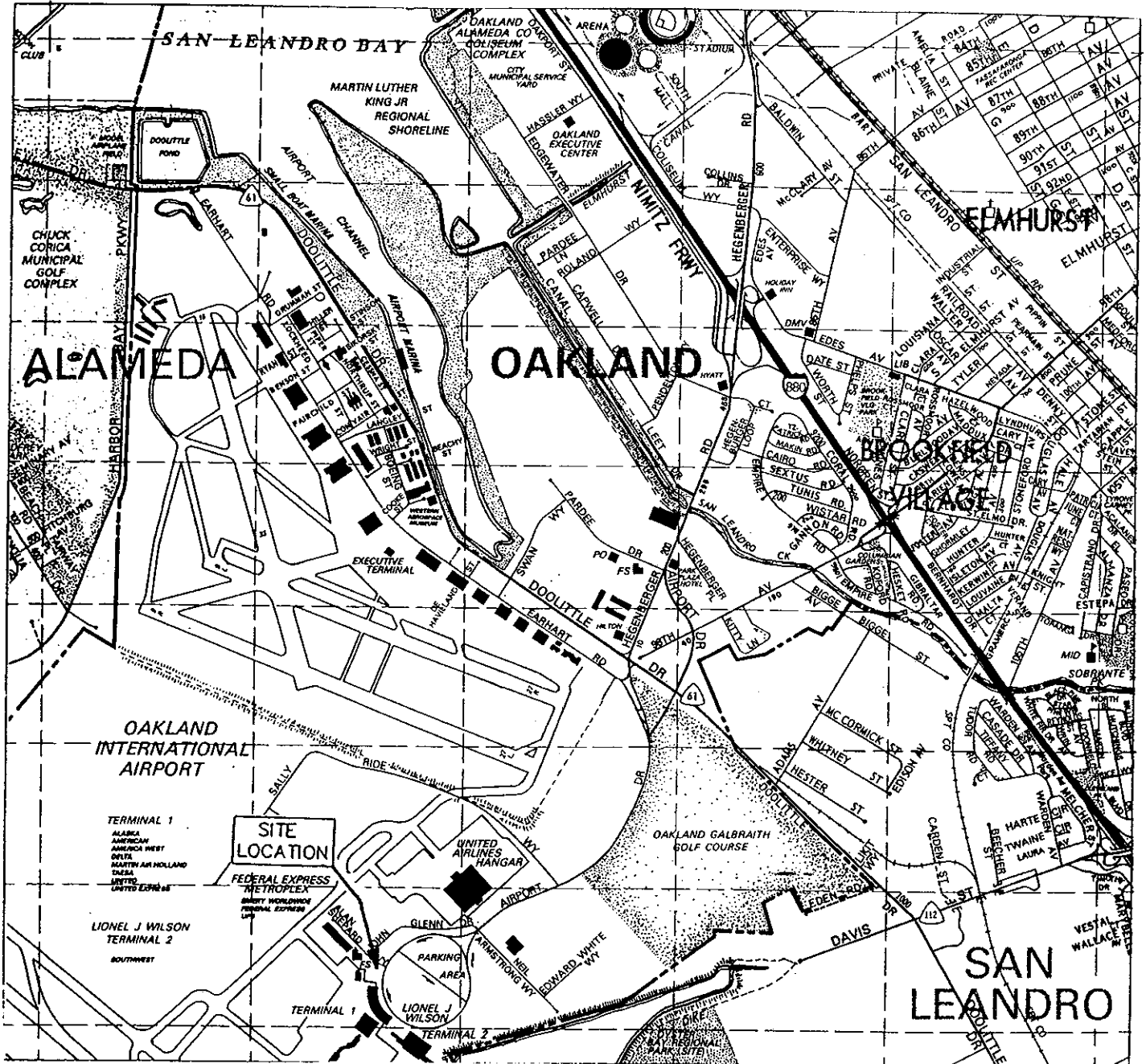
VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH:	Date of Well Decommissioning Report: 8/10/06	
All Monitoring Wells Decommissioned: No	Number Decommissioned: 19 ^{Per}	Number Retained: 8 ^{Per}
Reason Wells Retained:		
Additional requirements for submittal of groundwater data from retained wells:		
ACEH Concurrence - Signature: Barney Chan	Date: 8/30/06	

Attachments:

1. Site Vicinity Map
2. 1988 UST Removal Figure, Version 1
1988 UST Removal Figure, Version 2
3. Soil & Groundwater Analytical Data, 1988 UST Removal
4. Site Plan, MW-1 through MW-3
5. MW-1 through MW-3 Soil and Groundwater Analytical Data
6. Utility Trench Boring Locations
7. ORC Injection Points
8. 2002 UST Removal Sampling Locations
9. 2002 Dispenser Area Soil Sample Locations
10. Soil Analytical Data-2002 UST Removal
11. Groundwater Analytical Data-2002 UST Removal
12. MW-4 through MW-9 Soil Sample Results and Trench Sample Results
13. Groundwater Monitoring Data and DTW Tables
14. Boring Logs

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.



SOURCE: THE THOMAS GUIDE
ALAMEDA/CONTRA COSTA COUNTIES
1995 EDITION



0 2,200 FEET
APPROXIMATE SCALE

SITE LOCATION MAP

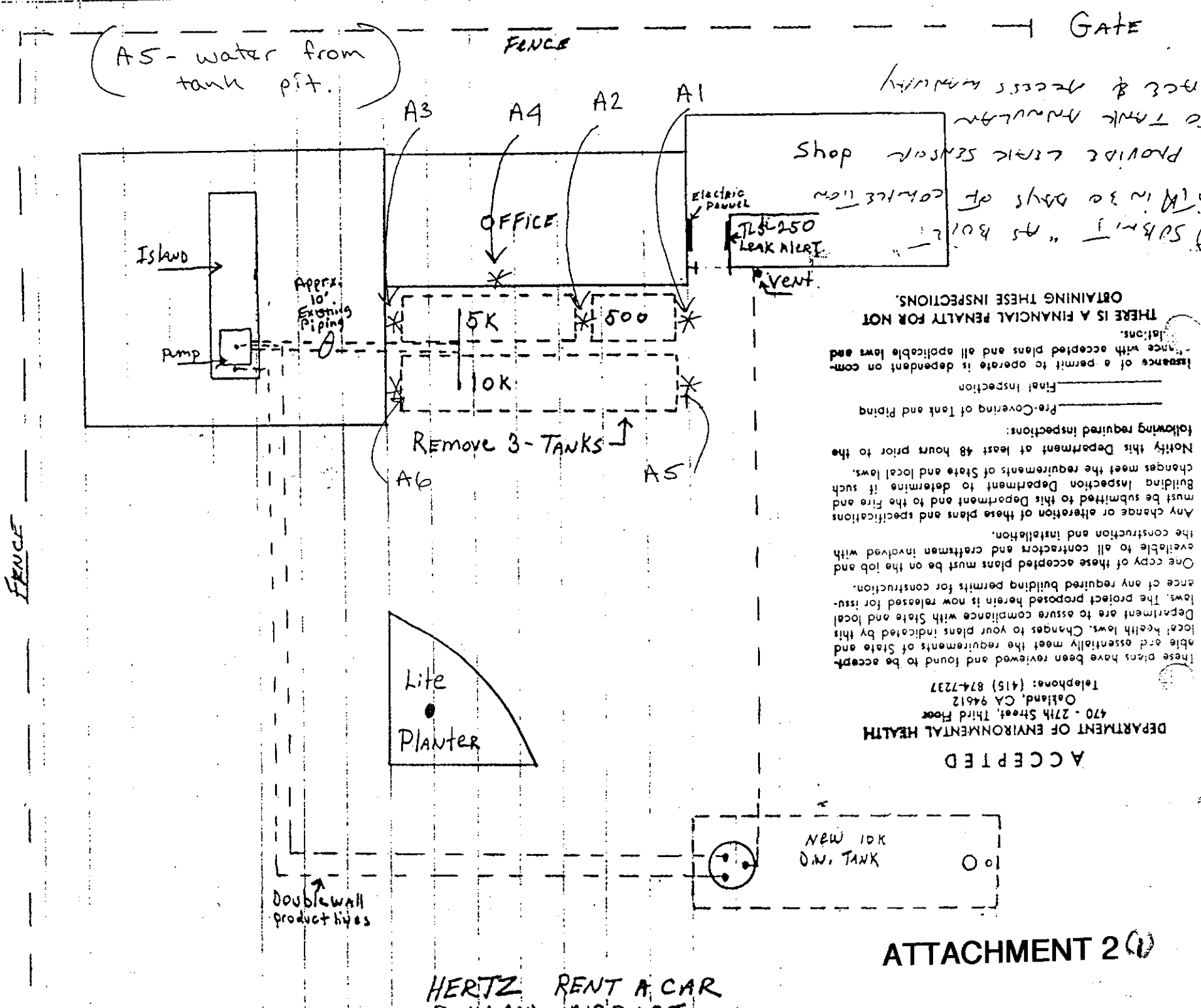
**Hertz Service Center
1 Airport Drive
Oakland, California**

PROJECT

DATE: 3/2

ATTACHMENT 1

MFG, Inc.
consulting scientists and engineers



PROVIDE LEAK SENSOR
 IN 30 DAYS OF
 COMPLETION
 AS BUILT
 1505 MI

THESE PLANS HAVE BEEN REVIEWED AND FOUND TO BE ACCEPTABLE AND ESSENTIALLY MEET THE REQUIREMENTS OF STATE AND LOCAL HEALTH LAWS. CHANGES TO YOUR PLANS INDICATED BY THIS DEPARTMENT ARE TO ASSURE COMPLIANCE WITH STATE AND LOCAL LAWS. THE PROJECT PROPOSED HEREIN IS NOW RELEASED FOR ISSUANCE OF ANY REQUIRED BUILDING PERMITS FOR CONSTRUCTION. ONE COPY OF THESE ACCEPTED PLANS MUST BE ON THE JOB AND AVAILABLE TO ALL CONTRACTORS AND CRAFTSMEN INVOLVED WITH THE CONSTRUCTION AND INSTALLATION.

Any change or alteration of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:

Pre-Covering of Tank and Piping
 Final Inspection

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

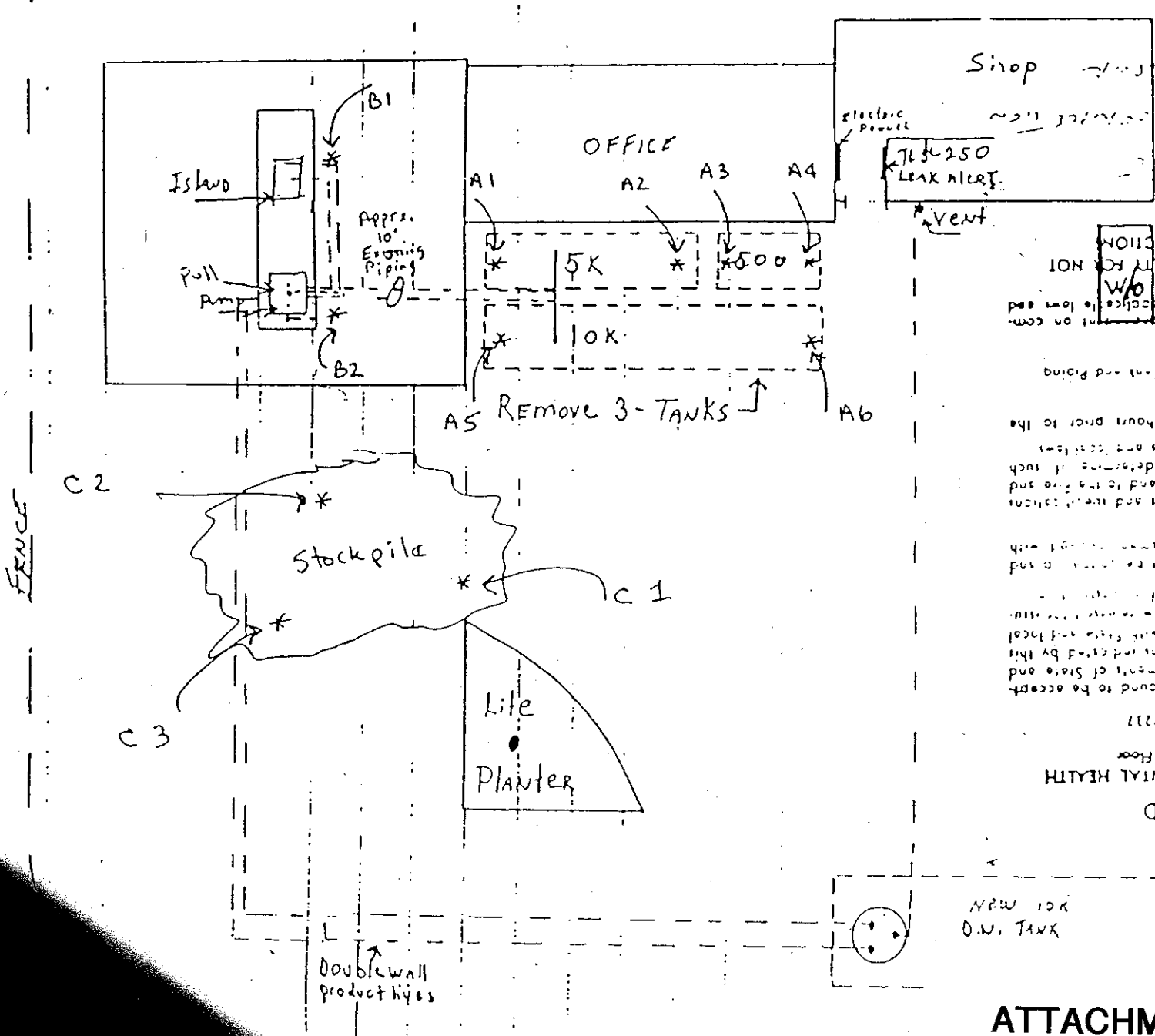
DEPARTMENT OF ENVIRONMENTAL HEALTH
 470 - 27th Street, Third Floor
 Oakland, CA 94612
 Telephone: (415) 874-7237

ACCEPTED

ATTACHMENT 2 (1)

GATE

FENCE



Various handwritten notes and scribbles at the top right of the page.

THESE ARE THE PLANS FOR THE...
THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTION...
w/o...
ACCEPTED...
DEPARTMENT OF ENVIRONMENTAL HEALTH...
420 - 27th Street, 13th Floor...
Oakland, CA 94612...
Telephone: (415) 874-2277

ACCEPTED

NEW 10K
D.W. TANK

ATTACHMENT 2 (2)

TABLE 1 (Continued. . .) - SUMMARY OF SOIL AND GROUND-WATER SAMPLING ANALYTICAL RESULTS AT
HERTZ/OAKLAND AIRPORT, OAKLAND, CALIFORNIA

SOIL		Sample Depth (feet)	Metals (ppm)	Oil & Grease (ppm)	Total Petroleum Hydrocabons (ppb)							Purgeable Halocarbons (EPA 8010) (ppb)	Semi- Volatile Organics (EPA 8270) (ppb)
Date	Sample ID				as Gasoline (ppm)	as Kerosene	as Diesel	B	T	E	X		
11/25/88	A1	From	--	ND	ND	--	ND	ND	ND	ND	ND	all ND	--
	A2	Tank	--	--	ND	--	--	ND	ND	ND	ND	--	--
	A3	Exca- vation	--	--	ND	--	--	ND	ND	ND	ND	--	--
	A4		--	--	ND	--	--	ND	ND	ND	ND	--	--
	A5		--	--	ND	--	--	ND	ND	ND	ND	--	--
	A6		--	--	ND	--	--	ND	ND	ND	ND	--	--
11/25/89	B-1	Piping	--	--	ND	--	--	ND	ND	ND	ND	all ND	all ND
	B-2	Exca- vation	--	--	1,300	--	--	55	51	19	200	--	--
	C1,C2, C3	Composite from soil stockpiled from exca- vation	--	--	ND	--	--	ND	ND	ND	ND	all ND	all ND

ND = Not detected. For detection limits see Appendix A - Laboratory Reports and Chain of Custody Documents.

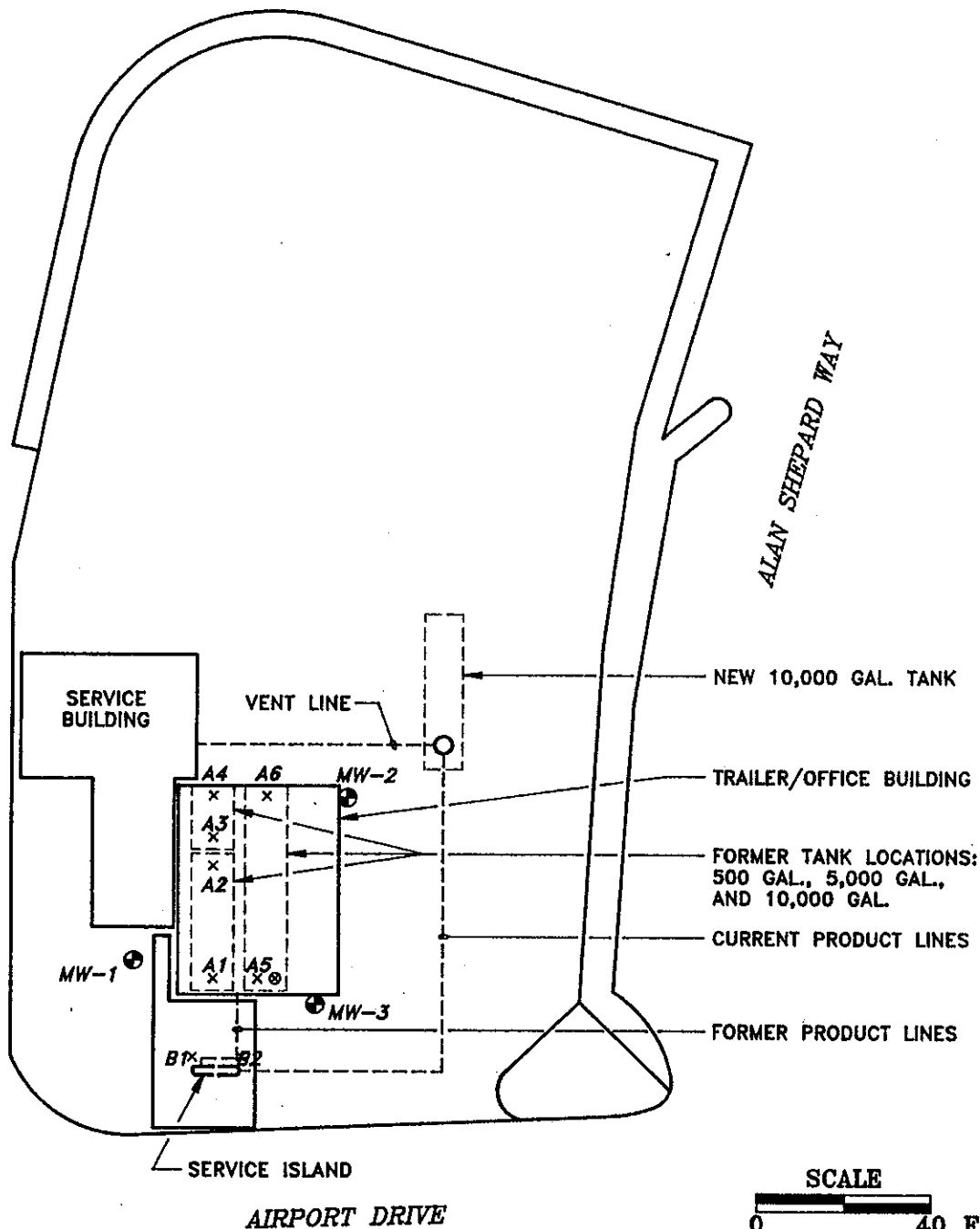
-- = Not Analyzed or reported.

* An open scan reported two "tentatively identified compounds": (iodomethyl) benzene at 30 ppb in MW-1 and 40 ppb in MW-3; and 4-4' butylidenebis [2- (1,1-dimethyl - ethyl) 5-methyl] phenol at 20 ppb in MW-2 and MW-3. The identity and concentrations of these compounds are not considered reliable.

ppm = parts per million (mg/L)

ppb = parts per billion (ug/L)

B = Benzene T = Toluene E = Ethylbenzene X = Xylenes



LEGEND

- APPROXIMATE LOCATION OF MONITORING WELLS
- x SOIL SAMPLING LOCATION FROM 11/88 UNDERGROUND TANK AND PIPING EXCAVATION
- ⊙ GROUND-WATER SAMPLE FROM 11/88 UNDERGROUND TANK EXCAVATION



Environmental
Science &
Engineering, Inc.

HERTZ/OAKLAND AIRPORT
OAKLAND, CALIFORNIA

ATTACHMENT 4

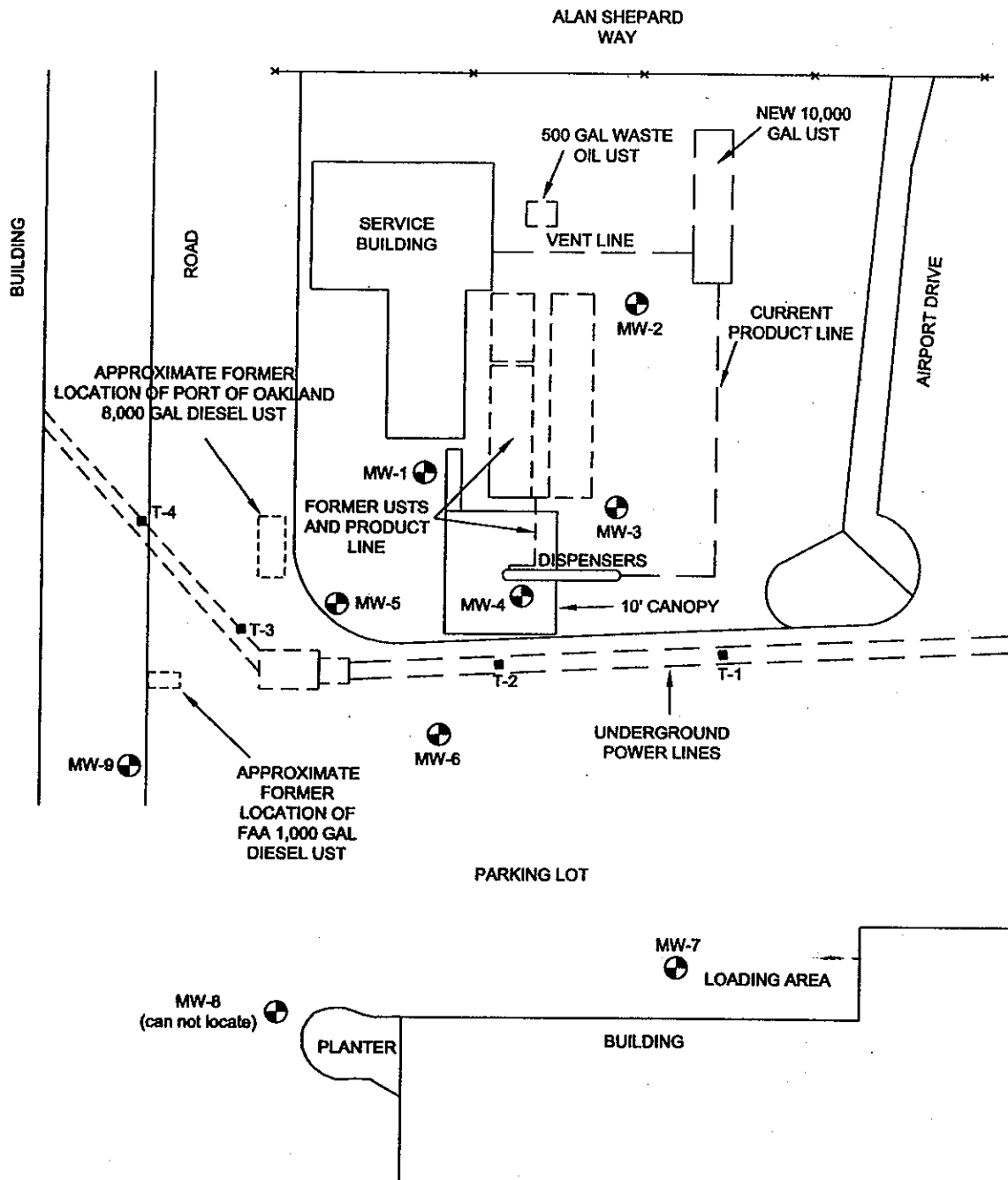
DRAWN BY CVS	APPROVED BY <i>CS</i>	REVISED
DATE 8/91	FILE NAME F1SP40	PROJ. NO. 8-91-5228

TABLE 1 - SUMMARY OF SOIL AND GROUND-WATER SAMPLING ANALYTICAL RESULTS AT
HERTZ/OAKLAND AIRPORT, OAKLAND, CALIFORNIA

GROUND WATER		Ground- Water Depth (feet)	Metals (ppb)					Oil & Grease (ppb)	Total Petroleum Hydrocarbons (ppb)							Purgeable Halocarbons (EPA 8010) (ppb)	Semi-Volatile Organics (EPA 8270) (ppb)
Date	Well		Cd	Cr	Pb	Ni	Zn		as	as	as	B	T	E	X		
11/12/91	MW-1	4.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	all ND	all ND	
	MW-2	4.23	ND	ND	ND	ND	ND	ND	ND	52†	ND	ND	ND	ND	all ND	all ND	
	MW-3	4.74	7.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	all ND	all ND	
08/20/91	MW-1	5.15	all ND				ND	ND	ND	ND	ND	ND	ND	ND	all ND	all ND	
	MW-2	4.00	all ND				ND	ND	ND	ND	ND	ND	ND	ND	all ND	all ND	
	MW-3	4.60	all ND				ND	ND	ND	ND	ND	ND	ND	ND	all ND	all ND	
12/22/89	MW-1	4.5 est.	--				--	ND	--	ND	ND	ND	ND	ND	all ND	all ND*	
	MW-2	4.5 est.	--				--	ND	--	ND	ND	ND	ND	ND	all ND	all ND*	
	MW-3	5.0 est.	--				--	ND	--	ND	ND	ND	ND	ND	all ND	all ND*	
11/25/88	Water Sample A5 from excavation						--	7,400	--	--	63	570	250	1900	--	--	

† Detection limit for TPH as Diesel is 50 ppb. Duplicate sample analyzed contained ND<50 ppb.

SOIL		Sample Depth (feet)	Metals (ppm)					Oil & Grease (ppm)	Total Petroleum Hydrocarbons (ppb)							Purgeable Halocarbons (EPA 8010) (ppb)	Semi- Volatile Organics (EPA 8270) (ppb)
Date	Sample ID		Cd	Cr	Pb	Ni	Zn		as	as	as	B	T	E	X		
12/20/89	MW 1-2	2	--	19.7	2.5	23.5	--	ND	--	ND	ND	ND	ND	ND	all ND	all ND	
	MW 1-5	5	--	--	--	--	--	ND	--	ND	ND	ND	ND	all ND	all ND		
	MW 2-2	2	--	18.1	1.5	12.3	--	ND	--	ND	ND	ND	ND	all ND	all ND		
	MW 2-5	5	--	--	--	--	--	ND	--	ND	ND	ND	ND	all ND	all ND		
	MW 3-2	2	--	19.8	1.5	11.0	--	ND	--	ND	ND	ND	ND	all ND	all ND		
	MW 3-5	5	--	--	--	--	--	ND	--	ND	ND	ND	ND	all ND	all ND		



EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- x— FENCELINE
- UTILITY TRENCH BORING LOCATION



SITE PLAN BASED ON MAP BY ESE, INC.
JANUARY 4, 1994

UTILITY TRENCH BORING LOCATIONS

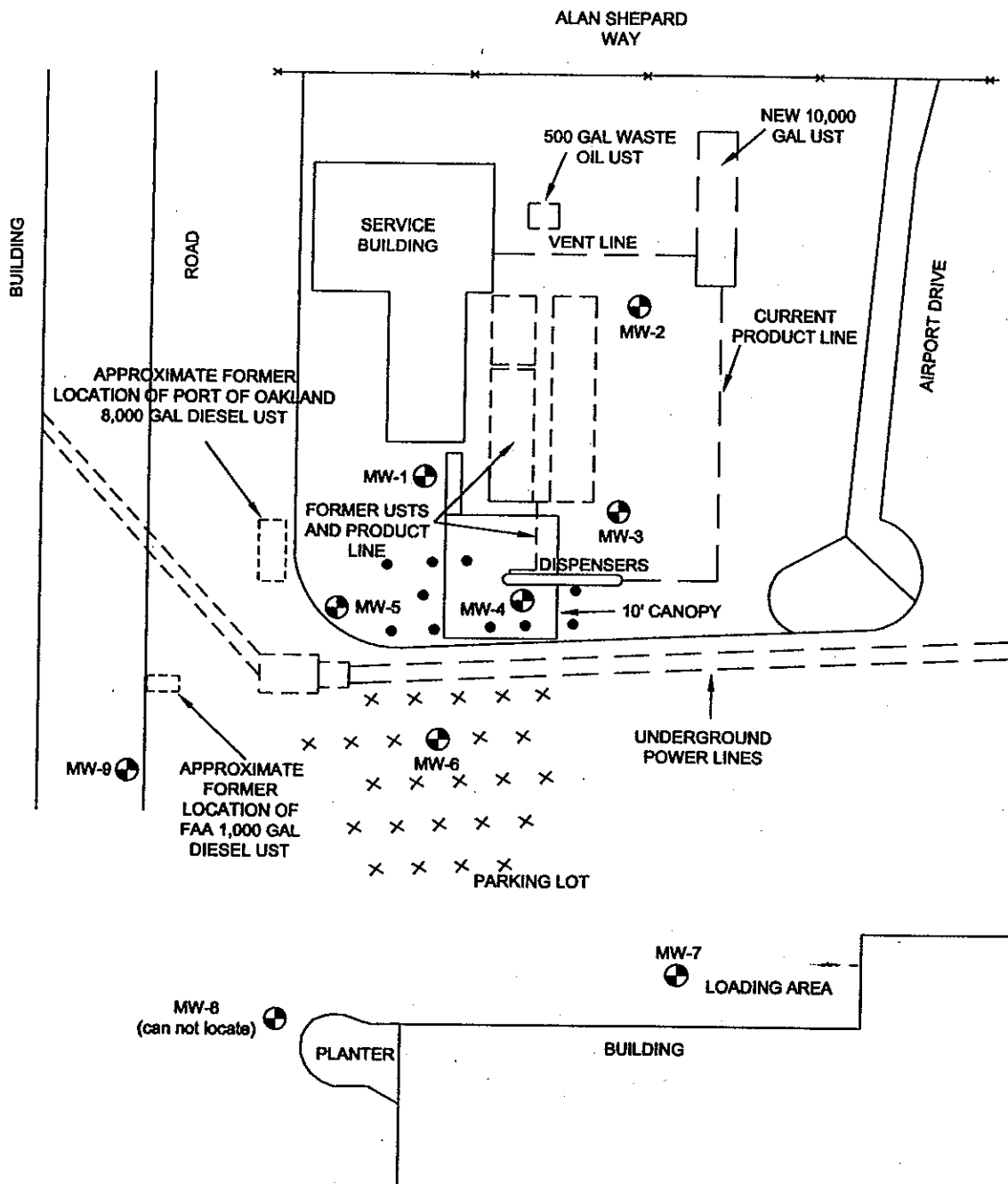
Hertz Service Center
1 Airport Drive
Oakland, California

Project No. 0300

Date: 07/27/01

ATTACHMENT 6

MFG, Inc.
consulting scientists and engineers



EXPLANATION

- ⊕ GROUNDWATER MONITORING WELL
- +— FENCELINE
- INJECTION WITH APPROXIMATELY 94 POUNDS OF ORC *hole*
- × INJECTION WITH APPROXIMATELY 20 POUNDS OF ORC *hole*



SITE PLAN BASED ON MAP BY ESE, INC.
JANUARY 4, 1994

ORC INJECTION POINTS

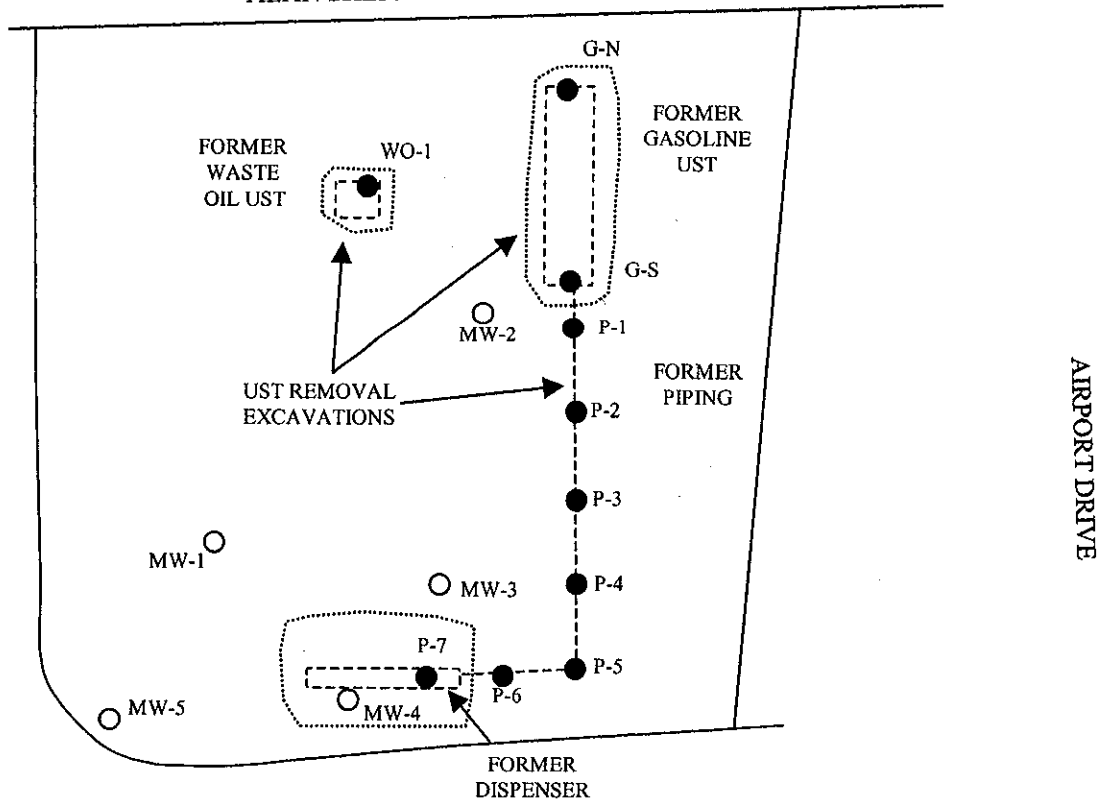
Hertz Service Center
1 Airport Drive
Oakland, California

Project N
Date: 07

ATTACHMENT 7

MFG, Inc.
consulting scientists and engineers

ALAN SHEPARD WAY



Legend

- MW-1 ○ Monitoring Well Location
- P-3 UST and Pipeline Trench Soil Sample Location

MW-9 ○

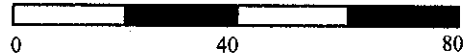
MW-6 ○

MW-7 ○

MW-8 ○



APPROXIMATE SCALE IN FEET



Base map derived from Clearwater Group, Inc. Site Plan

ATTACHMENT 8

UST REMOVAL SAMPLING LOCATIONS

FORMER HERTZ SERVICE CENTER
 ONE AIRPORT DRIVE
 OAKLAND, CALIFORNIA



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

PROJECT NO: 75.75015.0001

DESIGNED BY: JL	SCALE: NTS	REVIEWED BY: DT
DRAWN BY: JL	DATE: 09/02	FILE: MAP (REVISED)

ALAN SHEPARD WAY

AIRPORT DRIVE

FORMER WASTE OIL UST

FORMER GASOLINE UST

UST REMOVAL EXCAVATIONS

FORMER PIPING

MW-1

MW-2

MW-3

MW-5

EX-S

EX-B

EX-N

EX-E

MW-4

EX-W

FORMER DISPENSER

MW-6

DISPENSER REMEDIATION EXCAVATION

MW-9

MW-8

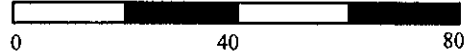
MW-7

LEGEND

MW-1 ○ Monitoring Well Location

EX-S ● Excavation Soil Sample Location

APPROXIMATE SCALE IN FEET



N

Base map derived from Clearwater Group, Inc. Site Plan

ATTACHMENT 9

DISPENSER AREA SOIL SAMPLE LOCATIONS

FORMER HERTZ SERVICE CENTER
ONE AIRPORT DRIVE
OAKLAND, CALIFORNIA



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

PROJECT NO: 75. 75015.0001

DESIGNED BY: JL

SCALE: NTS

REVIEWED BY: DT

DRAWN BY: JL

DATE: 09/02

FILE: MAP (REVISED)

Soil Analytical Data

Depth
 3'
 3'
 2'
 2'
 2'
 2'
 2'
 2'
 2'
 2'
 8'
 8'
 8'
 8'
 8'
 11'
 11'

Area	Sample ID	Gasoline Analytes (mg/kg)						Waste Oil Analytes (µg/g)											
		PRG	Benzene	Toluene	Ethylbenzene	Xylenes	MIBK	TPH ₁	VOCS	OGS	PCBS	PAHS	Cr	Cd	Pb	Cu	Zn		
1	G-N	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	G-S	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2	P-1	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	P-2	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	P-3	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	P-4	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	P-5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	P-6	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	P-7	520	<0.5	4.7	6.3	41	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3	EX-N	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	EX-S	29	<0.025	0.077	0.13	1.08	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	EX-E	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	EX-W	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	EX-B	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4	WO-1	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25	<1.0	ND	<25	<0.1	ND	<1	20	<1	15	14		
5	A	30	<0.025	<0.025	<0.025	0.41	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	2.5	NA	NA	
	B	3.4	<0.025	0.028	<0.025	0.126	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	2.5	NA	NA	
PRG		n/a	1.3	520	20	420	36	1	Varies	n/a	0.74	Varies	7.4	450	150	20000	100000		
RBSL		400	0.18	8.4	24	1	1	500	Varies	n/a	0.22	Varies	1.7	13	200	150	600		
TTLIC		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	100	2500	1000	2000	5000		

Bold indicates above referenced levels
 PRG - Preliminary Remediation Goal—Industrial Soil
 RBSL - Tier 1 Risk Based Screening Level for surface soil (<3 meters deep). Groundwater is not a drinking water source.
 TTLIC - State of California Title 22 Total Threshold Limit Concentration
 Area 1 - Gasoline Tank Pit (5/21/02)
 Area 2 - Gasoline Piping Trench (5/21/02) NA - Not Analyzed
 Area 3 - Dispenser Excavation (5/21/02) n/a - not applicable
 Area 4 - Waste Oil Tank Pit (5/21/02)
 Area 5 - Soil Stockpile (5/21/02)
 (Sample Date)

**Table 2
Groundwater Analytical Data**

Area	Sample ID	Gasoline Analytes (µg/l)						Waste Oil Analytes (µg/l)									
		TPH(g)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TPH(L)	VOCs	O&G	PCBs	PAHs	Cr	Cd	Pb	Ni	Zn
3	EW-1	30000	840	4200	990	6300	<500	NA	82/56*	NA	NA	NA	NA	NA	NA	NA	NA
	Pit	63	1.5	3.0	<0.5	5.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1	G-1	<10000	<100	<100	<100	1500	23000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	G-EX	<50	<0.5	<0.5	<0.5	<0.5	46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	WO-1	<50	<0.5	0.9	<0.5	<1	7.6	130	5.3**	<0.005	ND	ND	<5	55	<15	88	130
	WO-EX	<50	<0.5	0.53	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCL		n/a	1.0	1000	680	1750	13	n/a	Varies	n/a	0.5	Varies	5.0	50	15	100	5000
RBSL		500	46	130	290	13	1800	640	Varies	n/a	0.014	Varies	1.1	180	3.2	8.2	23

Depth
9'
6'
3'
3'
3'

Bold type indicates compound reported above MCL and/or RBSL.
 µg/l - micrograms per liter
 NA - Not Analyzed
 n/a - not applicable
 *tert-butanol/MTBE
 **MTBE
 MCL - maximum contaminant level established for drinking water.
 RBSL - Tier 1 Risk-Based Screening Level. Groundwater is not a drinking water source.
 Area 3 - Dispenser Excavation EW-1 5/22/02 Pit 6/11/02
 Area 1 - Gasoline Tank Pit G-1 5/21/02 G-EX 7/15/02
 Area 2 - Waste Oil Tank Pit WO-1 5/21/02 WO-EX 7/15/02
 Date Spk Date Spk

**TABLE 5 - SUMMARY OF CHEMICAL RESULTS OF SOIL SAMPLES
HERTZ CAR RENTAL - SITE INVESTIGATION - FEBRUARY 1992**

Sample ID#	Date	Depth (feet)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)
MW4	2/18/92	4.5	86	0.44	6.2	2.0	13.0

TPHg= total petroleum hydrocarbons as gasoline
mg/kg= milligrams per kilogram

TPHd= total petroleum hydrocarbons as diesel
ug/kg= micrograms per kilogram

TABLE 6 - SUMMARY OF CHEMICAL RESULTS OF SOIL SAMPLES - OCT 1992

HERTZ CAR RENTAL - SITE INVESTIGATION - PETROLEUM HC

Sample #	Date	Depth (feet)	TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)
MW5@5'	10/26/92	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005
MW6@5'	10/26/92	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005

TPHg= total petroleum hydrocarbons as gasoline
mg/kg= milligrams per kilogram

TPHd= total petroleum hydrocarbons as diesel
ug/kg= micrograms per kilogram

TABLE 7 - SUMMARY OF CHEMICAL RESULTS OF SOIL SAMPLES - MAY 1993

HERTZ CAR RENTAL - SITE INVESTIGATION - PETROLEUM HC

Sample #	Date	Depth (feet)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)
MW-7-5	5/24/93	5	<1.0	<0.005	<0.005	<0.005	<0.005
MW-8-5'	5/24/93	5	<1.0	<0.005	<0.005	<0.005	<0.005
MW-9-5	5/24/93	5	<1.0	<0.005	<0.005	<0.005	<0.005

TPHg= total petroleum hydrocarbons as gasoline mg/kg= milligrams per kilogram

Soil boring MW-7, MW-8, and MW-9 were converted to 2-inch-diameter groundwater monitoring wells, and were screened at an interval of 3 feet to 13 feet bgs.

**TABLE 8 - CHEMICAL ANALYSES OF UTILITY TRENCH
SOIL AND GROUNDWATER SAMPLES - HERTZ RENTAL CAR - APRIL 2001**

Depth
3.5'
3.7'
4.1'
4.1'

Sample #	Date	TPHg	B	T	E	X	MTBE	TAME	ETBE	DIPE	TBA
T-1	4/19/01	<0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.500
T-2	4/19/01	<0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.500
T-4	4/19/01	<0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.500
T-4W	4/19/01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.010	<0.010	<0.500

Soil samples (T-1, T-2, and T-4) in mg/kg, groundwater sample (T-4W) in mg/L

MTBE = methyl tert-butyl ether

TAME = Tertiary amyl methyl ether

ETBE = Ethyl tert-butyl ether

DIPE = Di-isopropyl ether

TBA = tertiary-butyl ether

**TABLE 12 - HISTORICAL CONCENTRATIONS OF CHEMICALS IN GROUNDWATER
MONITORING WELL SAMPLES - HERTZ RENTAL CAR - (in ug/L unless otherwise noted)**

Well #	Date	O&G	TPHg	TPHk	TPHd	B	T	E	X	MTBE	VOCs/SVOCs/ Anions/Cations
MW-1	12/22/89	NA	<50	NA	<50	<0.5	<0.5	<0.5	<1.0	NA	IMB - 30
	08/20/91									NA	SVOC=ND (<5.0-25) VOC=ND (<1.0-2.0)
	11/12/91	NA	<50	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	SVOC=ND (<5.0-25) VOC=ND (<1.0-2.0)
	02/18/92	NA		NA						NA	NA
	05/13/92	NA		NA	NA					NA	NA
	09/01/92	NA		NA	NA					NA	NA
	11/05/92	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	NA	NA
	02/03/93	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	NA	NA
	05/27/93	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	12/02/93	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	05/01/94	NA	<50	NA	110(g)	<0.5	<0.5	<0.5	<0.5	NA	NA
	06/06/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	09/17/96	Well not sampled – groundwater sampling discontinued per Alameda County Environmental Health Services									
	03/10/98		<50			<0.5	<0.5	<0.5	<2	<5	Nitrate-1.4 mg/L Sulfate-59 mg/L
	09/29/98		<50			<0.5	<0.5	<0.5	<0.5	14	
	11/24/99		86			<0.5	<0.5	<0.5	<0.5	85	TBA - 180
	01/04/01		<50			<5	<5	<5	<5	<5	Nitrate-1.92 mg/L Sulfate-85.0 mg/L
	04/19/01		<50			<5	<5	<5	<5	<5	Nitrate-2.52 mg/L Sulfate-58.0 mg/L
	10/11/01		<50			<5	<5	<5	<5	<5	Nitrate-2.35 mg/L Sulfate-75 mg/L
	09/30/02	NA	<50	NA	NA	<1	<1	<1	<1	37/30	
	10/28/04	NA	<25	NA	NA	<0.5	<0.5	<0.5	<1	<1	

**TABLE 12 - HISTORICAL CONCENTRATIONS OF CHEMICALS IN GROUNDWATER
MONITORING WELL SAMPLES - HERTZ CAR RENTAL - (in ug/L unless otherwise noted)**

Well #	Date	O&G	TPHg	TPHk	TPHd	B	T	E	X	MTBE	VOCs/SVOCs/ Anions/Cations
MW-2	12/22/89	NA	<50	NA	<50	<0.5	<0.5	<0.5	<1.0	NA	BDMP -20
	08/20/91	NA									SVOC=ND (<5.0-25) VOC=ND (<1.0-2.0)
	11/12/91	NA	<50	<50	52 <50dup	<0.5	<0.5	<0.5	<0.5	NA	SVOC=ND (<5.0-25) VOC=ND (<1.0-2.0)
	02/18/92	NA									NA
	05/13/92	NA									NA
	09/01/92	NA	56	NA	NA	2.0	3.0	0.8	3.1	NA	NA
	09/01/92D	NA	68	NA	NA	2.8	4.2	1.0	4.3	NA	NA
	11/05/92	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	NA	NA
	02/03/93	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	NA	NA
	05/27/93	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	12/02/93	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	05/01/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	06/06/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	09/17/96	Well not sampled – groundwater sampling discontinued per Alameda County Environmental Health Services									
	11/24/99	Well Access Restricted – Not Sampled									
	09/30/02	NA	<50	NA	NA	<1	<1	<1	<1	<5	
	10/28/04	NA	<25	NA	NA	<0.5	<0.5	<0.5	<1	<1	
MW-3	12/22/89		<50		<50	<0.5	<0.5	<0.5	<1.0	NA	IMB – 40 BDMP - 20
	08/20/91									NA	SVOC=ND (<5.0-25) VOC=ND (<1.0-2.0)
	11/12/91	NA	<50	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	SVOC=ND (<5.0-25) VOC=ND (<1.0-2.0)
	02/18/92									NA	NA
	05/13/92									NA	NA
	09/01/92	NA	<50	NA	NA	1.1	1.6	<0.5	1.9	NA	NA

**TABLE 12 - HISTORICAL CONCENTRATIONS OF CHEMICALS IN GROUNDWATER
MONITORING WELL SAMPLES - HERTZ CAR RENTAL - (in ug/L unless otherwise noted)**

Well #	Date	O&G	TPHg	TPHk	TPHd	B	T	E	X	MTBE	VOCs/SVOCs/ Anions/Cations
MW-3	11/05/92	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	NA	NA
	02/03/93	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	NA	
	05/27/93	NA	<50	NA	55(a)	<0.5	<0.5	<0.5	<0.5	NA	
	12/02/93	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	05/01/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	06/06/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	09/17/96	Well not sampled – groundwater sampling discontinued per Alameda County Environmental Health Services									
	09/30/02	NA	<50	NA	NA	<1	<1	<1	<1	2/<5	
10/28/04	NA	<25	NA	NA	<0.5	<0.5	<0.5	<1	2.1		
MW-4	02/18/92	NA	6600	NA	NA	910	1900	280	1700	NA	NA
	05/13/92	NA	62000	NA	NA	3400	5200	990	5200	NA	NA
	05/13/92D	NA	61000	NA	NA	3300	5200	920	5200	NA	NA
	09/01/92	NA	120000	NA	NA	8800	14000	2100	11000	NA	NA
	11/05/92	NA	24000	NA	NA	2600	3300	510	2100	NA	NA
	11/05/92D	NA	14000	NA	NA	2100	1400	370	1100	NA	NA
	02/03/93	NA	50000	NA	NA	4700	5000	1500	6600	NA	
	05/27/93	NA	48000	NA	4900(b)	6300	7200	1600	6800	NA	
	12/02/93	NA	21000	NA	770(f)	3500	3800	640	2000	NA	
	05/01/94	NA	680	NA	1800(h)	150	130	40	90	NA	
	06/06/94	NA	18000	NA	1800(h)	3300	3400	770	2200	NA	
	09/17/96	NA	16000	NA	220	4300	1900	750	1,900	100	
	11/27/96	NA	14000	NA	<200	5100	2600	1300	2500	<300	NA
	02/14/97	NA	19000	NA	210	3300	3100	980	2600	150	
12/03/97	NA	6400	NA	NA	1500	640	520	890	160	Iron – 0.5 mg/L; Sulfate 70 mg/L	

**TABLE 12 - HISTORICAL CONCENTRATIONS OF CHEMICALS IN GROUNDWATER
MONITORING WELL SAMPLES - HERTZ CAR RENTAL - (in ug/L unless otherwise noted)**

Well #	Date	O&G	TPHg	TPHk	TPHd	B	T	E	X	MTBE	VOCs/SVOCs/ Anions/Cations
MW-4	03/10/98	NA	15000	NA	NA	2500	2,600	80	3900	400/380	Iron - 1.0 mg/L Sulfate-50 mg/L
	09/29/98	NA	14000	NA	NA	2800	240	390	830	370	
	12/09/98	NA	7400	NA	NA	1100	510	340	1200	330/360	
	06/23/99	NA	29000			4900	1900	1400	3600	540/590	NA
	11/24/99	NA	9200	NA	NA	1100	490	560	1100	120	
	01/04/01	NA	6900	NA	NA	1300	180	790	560	200	Iron - 2.2 mg/L Sulfate-25.0 mg/L
	04/19/01	NA	26000	NA	NA	3400	1100	340	1430	510	Iron-3.9 mg/L Sulfate - 3 mg/L
	10/11/01	NA	1000	NA	NA	150	53	18	89	130	Iron - 2.9 mg/L Sulfate - 45 mg/L
	4/24/02	NA	9800	NA	NA	1400	240	640	770	500/420	
	05/21/02	Well destroyed to conduct over-excavation of former fuel island following UST removals									
MW-5	11/05/92	NA	<50	<50	170	<0.5	<0.5	<0.5	<0.5	NA	NA
	02/03/93	Well Paved Over - Not Sampled									
	05/27/93	NA	<50	NA	75(c)	<0.5	<0.5	<0.5	<0.5	NA	
	12/02/93	NA	<50	NA	60(a)	<0.5	<0.5	<0.5	<0.5	NA	
	05/01/94	NA	<50	NA	97(h)	<0.5	<0.5	<0.5	<0.5	NA	
	06/06/94	NA	<50	NA	74(h)	<0.5	<0.5	<0.5	<0.5	NA	
	09/17/96	Well not sampled - annual monitoring to be conducted per Alameda County Environmental Health Services									
	02/14/97	NA	100	NA	860	1.2	<0.5	0.8	<2	95	
	09/29/98	NA	76	NA	NA	<0.5	<0.5	1.7	0.55	170	
	11/24/99	NA	82	NA	NA	<0.5	<0.5	<0.5	<0.5	81	TBA - 220
	01/04/01	NA	<50	NA	NA	<5	<5	<5	<5	10	Iron - 2.0 mg/L Sulfate-45.6 mg/L

**TABLE 12 - HISTORICAL CONCENTRATIONS OF CHEMICALS IN GROUNDWATER
MONITORING WELL SAMPLES - HERTZ CAR RENTAL - (in ug/L unless otherwise noted)**

Well #	Date	O&G	TPHg	TPHk	TPHd	B	T	E	X	MTBE	VOCs/SVOCs/ Anions/Cations
MW-5	04/19/01	NA	<50	NA	NA	<5	<5	<5	<5	5	Iron - 0.21 mg/L Sulfate-15.8 mg/L
	10/11/01	NA	<50	NA	NA	<5	<5	<5	<5	<5	Iron - 0.89 mg/L Sulfate - 55 mg/L
	09/30/02	NA	<50	NA	NA	<1	<1	<1	<1	<5	
	10/28/04	NA	<25	NA	NA	<0.5	<0.5	<0.5	<1	<1	
MW-6	11/05/92	NA	820	240	NA	250	<0.5	5.9	<0.5	NA	NA
	02/03/93	NA	330	NA	NA	120	2.8	19	5.3	NA	
	02/03/93D	NA	2100	NA	NA	110	5.2	19	14	NA	
	05/27/93	NA	1300	NA	960(d)	370	<0.5	87	19	NA	
	12/02/93	NA	280	NA	700(b)	11	1.0	65	3.0	NA	
	05/01/94	NA	1300	NA	990(h)	250	8.4	150	24	NA	
	06/06/94	NA	1200	NA	1400(h)	230	<0.5	150	12	NA	
	06/06/94D	NA	1400	NA	1000(h)	490	3.4	180	16	NA	
	09/17/96	NA	<50	NA	270	1.0	0.5	<0.5	<2	<5	
	11/27/96	NA	<50	NA	<50	<0.5	<0.5	<0.5	<2	7.0	NA
	02/14/97	NA	50	NA	600	0.9	<0.5	<0.5	<2	9	
	12/03/97	NA	<50	NA	NA	0.6	<0.5	<0.5	<2	<5	Iron - 0.4 mg/L; Sulfate-150 mg/L
	03/10/98	NA	<50	NA	NA	<0.5	<0.5	0.6	<2	7	Iron - 0.4 mg/L; Sulfate-59 mg/L
	09/29/98	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5	
	12/09/98	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5	
	06/23/99	NA	530	NA	NA	<1	<1	90	2.3	120	NA
	11/24/99	NA	1100	NA	NA	56	<2.5	150	6.0	550	
	01/04/01	NA	<50	NA	NA	<5	<5	<5	<5	500	Iron - 3.8mg/L Sulfate-165 mg/L

**TABLE 12 - HISTORICAL CONCENTRATIONS OF CHEMICALS IN GROUNDWATER
MONITORING WELL SAMPLES - HERTZ CAR RENTAL - (in ug/L unless otherwise noted)**

Well #	Date	O&G	TPHg	TPHk	TPHd	B	T	E	X	MTBE	VOCs/SVOCs/ Anions/Cations
MW-6	04/19/01	NA	<50	NA	NA	<5	<5	<5	<5	77	Iron - 2.7 mg/L Sulfate-132 mg/L
	10/11/01	NA	250	NA	NA	<5	82	<5	<5	780	Iron - 2.4 mg/L Sulfate- 110 mg/L
	04/24/02	NA	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	41/34	
	09/30/02	NA	<50	NA	NA	<1	<1	<1	<1	420/330	
	10/28/04	NA	110	NA	NA	<1	<1	<1	<2	140	TBA-44
MW-7	05/27/93	NA	<50	NA	76(c)	<0.5	<0.5	<0.5	<0.5	NA	
	12/02/93	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	05/01/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	06/06/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	09/17/96	Well not sampled - annual monitoring to be conducted per Alameda County Environmental Health Services									
	02/14/97	NA	<50	NA	140	<0.5	<0.5	<0.5	<2	<5	
	09/29/98	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5	
	11/24/99	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5	
	04/24/02	NA	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<5	
	09/30/02	NA	<50	NA	NA	<1	<1	<1	<1	1/<5	
10/28/04	NA	<25	NA	NA	<0.5	<0.5	<0.5	<1	<1		
MW-8	05/27/93	NA	<50	NA	91(e)	<0.5	<0.5	<0.5	<0.5	NA	
	12/02/93	NA	<50	NA	54(a)	<0.5	<0.5	<0.5	<0.5	NA	
	05/01/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	06/06/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	09/17/96	Well not sampled - annual monitoring to be conducted per Alameda County Environmental Health Services									
	02/14/97	Well not sampled - not able to locate									
11/24/99	Well not sampled - not able to locate										

**TABLE 12 - HISTORICAL CONCENTRATIONS OF CHEMICALS IN GROUNDWATER
MONITORING WELL SAMPLES - HERTZ CAR RENTAL - (in ug/L unless otherwise noted)**

Well #	Date	O&G	TPHg	TPHk	TPHd	B	T	E	X	MTBE	VOCs/SVOCs/ Anions/Cations
MW-8	04/24/02	NA	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<5	
	09/30/02	NA	<50	NA	NA	<1	<1	<1	<1	<1/<5	
	10/28/04	NA	<25	NA	NA	<0.5	<0.5	<0.5	<1	<1	
MW-9	05/27/93	NA	<50	NA	72(e)	<0.5	<0.5	<0.5	<0.5	NA	
	05/27/93D	NA	<50	NA	85(c)	<0.5	<0.5	<0.5	<0.5	NA	
	12/02/93	NA	<50	NA	72(a)	<0.5	<0.5	<0.5	<0.5	NA	
	12/02/93	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	05/01/94	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	
	05/01/94D	NA	<50	NA	97(h)	<0.5	<0.5	<0.5	<0.5	NA	
	06/06/94	NA	<50	NA	370(g)	<0.5	<0.5	<0.5	<0.5	NA	
	09/17/96	Well not sampled – annual monitoring to be conducted per Alameda County Environmental Health Services									
	02/14/97	NA	<50	NA	130	<0.5	<0.5	<0.5	<2	<5	
	12/03/97	NA	<50	NA	NA	<0.5	<0.5	<0.5	<2	<5	Iron – 0.1 mg/L Sulfate–1.0 mg/L
	03/10/98	NA	<50	NA	NA	<0.5	<0.5	<0.5	<2	<5	Iron – 0.5 mg/L Nitrate-0.6 mg/L Sulfate-23 mg/L
	09/29/98	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<5	
	11/29/99	Well Access Restricted – Not Sampled									
04/24/02	NA	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<5		
09/30/02	Well Access Restricted – Not Sampled										
10/28/04	NA	<25	NA	NA	<0.5	<0.5	<0.5	<1	<1		

MTBE concentrations separated by a forward slash (/), results are from 8020/8260 analyses.

D = Duplicate sample

TBA = t-butyl alcohol

IMB = iodomethylbenzene

BDMP = 4,4'-butylidenebis[2-(1,1-dimethylethyl)-5-methyl]phenol

- (a) Diesel & Discrete Peaks
- (b) Diesel & Non-Diesel Mixture (<C14)
- (c) Diesel & Non-Diesel Mixture (<C14) & Discrete Peaks
- (d) Diesel & Non-Diesel Mixture (<C16)
- (e) Diesel & Non-Diesel Mixture (<C14;>C20) & Discrete Peaks
- (f) Non-Diesel Mixture (<C14)
- (g) Diesel & Unidentified Hydrocarbons (>C20)
- (h) Diesel & Unidentified Hydrocarbons (<C14)

Groundwater samples collected on 2/14/97 were reported by laboratory to contain very weathered diesel or a light oil.

**TABLE 13 - HISTORICAL GROUNDWATER ELEVATIONS
HERTZ RENTAL CAR**

Well #	Date	Ground Water Elevations (feet above Mean Sea Level)
MW-1	12/22/89	---
	08/20/91	2.30
	11/12/91	3.06
	02/18/92	3.06
	05/13/92	2.93
	09/01/92	2.55
	11/05/92	2.39
	02/03/93	3.34
	05/27/93	3.31
	12/02/93	2.91
	03/01/94	3.53
	06/06/94	3.49
	09/17/96	3.36
	11/27/96	3.63
	02/14/97	4.16
	12/03/97	3.93
	03/10/98	4.77
	09/29/98	3.41
	12/09/98	4.01
	06/23/99	3.58
11/24/99	3.43	
01/04/01	3.23	
04/19/01	3.93	
07/31/01	3.49	
10/11/01	3.05	
04/24/02	3.92	
09/30/02	3.06	
10/28/04	4.29	
MW-2	12/22/89	---
	08/20/91	4.09
	11/12/91	3.86
	02/18/92	3.86
	05/13/92	4.66
	09/01/92	4.15
	11/05/92	4.05
	02/03/93	4.84
	05/27/93	4.82
	12/02/93	4.44
03/01/94	4.89	

**TABLE 13 - HISTORICAL GROUNDWATER ELEVATIONS
HERTZ RENTAL CAR**

Well #	Date	Ground Water Elevations (feet above Mean Sea Level)
MW-3	07/31/01	3.98
	10/11/01	3.75
	04/24/02	4.39
	09/30/02	3.58
	10/28/04	3.98
MW-4	02/18/92	3.43
	05/13/92	3.57
	09/01/92	3.14
	11/05/92	1.88
	02/03/93	2.89
	05/27/93	2.78
	12/02/93	2.39
	03/01/94	2.81
	06/06/94	2.73
	09/17/96	2.73
	11/27/96	2.91
	02/14/97	3.53
	12/03/97	3.19
	03/10/98	4.21
	09/29/98	2.55
	12/09/98	3.33
	06/23/99	3.14
	11/24/99	2.81
	01/04/01	2.50
	04/19/01	3.11
07/31/01	2.57	
10/11/01	2.51	
04/24/02	3.43	
MW-5	11/05/92	3.00
	02/03/93	---
	05/27/93	3.88
	12/02/93	3.40
	03/01/94	3.90
	06/06/94	3.78
	09/17/96	3.77
	11/27/96	3.96
	02/14/97	4.60
	03/10/98	5.24
09/29/98	4.17	

**TABLE 13 - HISTORICAL GROUNDWATER ELEVATIONS
HERTZ RENTAL CAR**

Well #	Date	Ground Water Elevations (feet above Mean Sea Level)
MW-5	12/09/98	4.41
	06/23/99	4.77
	11/24/99	4.03
	01/04/01	3.83
	04/19/01	4.48
	07/31/01	3.95
	10/11/01	3.89
	04/24/02	4.36
	09/30/02	3.48
	10/28/04	5.07
MW-6	11/05/92	1.89
	02/03/93	2.90
	05/27/93	2.82
	12/02/93	2.36
	03/01/94	2.82
	06/06/94	2.72
	09/17/96	2.78
	11/27/96	2.94
	02/14/97	3.60
	12/03/97	3.25
	03/10/98	4.29
	09/29/98	2.77
	12/09/98	3.29
	06/23/99	3.24
	11/24/99	2.89
	01/04/01	2.57
	04/19/01	3.48
	07/31/01	2.88
	10/11/01	2.60
	04/24/02	3.33
	09/30/02	2.42
	10/28/04	3.68
MW-7	05/27/93	2.35
	12/02/93	2.15
	03/01/94	2.36
	06/06/94	2.39
	09/17/96	2.41
	11/27/96	2.58

**TABLE 13 - HISTORICAL GROUNDWATER ELEVATIONS
HERTZ RENTAL CAR**

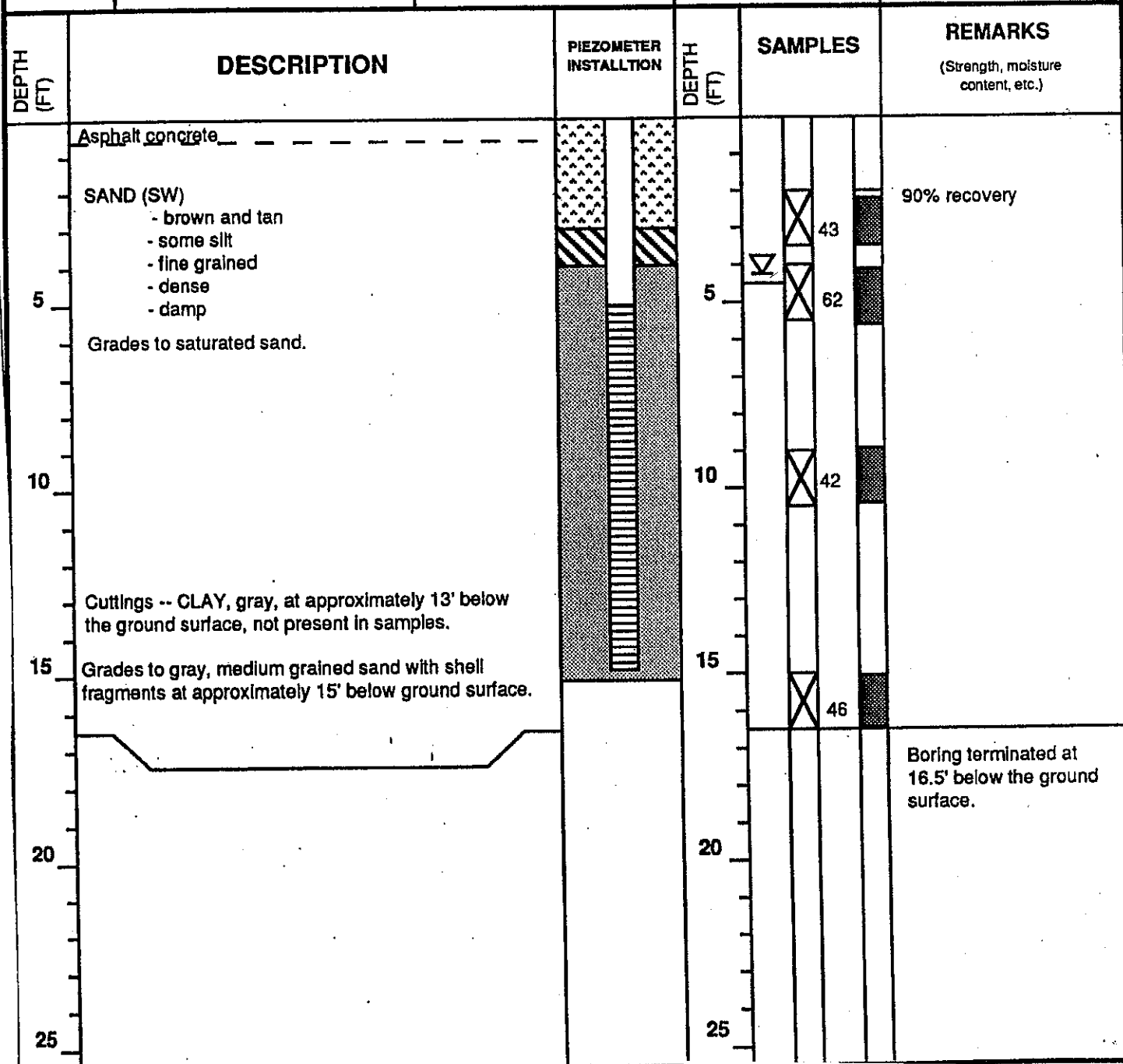
Well #	Date	Ground Water Elevations (feet above Mean Sea Level)
MW-7	02/14/97	3.23
	12/03/97	2.89
	03/10/98	3.95
	09/29/98	2.50
	12/09/98	2.60
	06/23/99	2.91
	11/24/99	2.43
	01/04/01	2.11
	04/19/01	3.17
	07/31/01	2.55
	10/11/01	2.32
	04/24/02	2.93
	09/30/02	2.08
	10/28/04	2.99
MW-8	05/27/93	1.91
	12/02/93	1.31
	03/01/94	1.86
	06/06/94	1.80
	09/17/96	---
	06/23/99	---
	11/24/99	---
	07/31/01	2.05
	10/11/01	1.81
	04/24/02	2.54
	09/30/02	1.60
	10/28/04	2.64
MW-9	05/27/93	1.58
	12/02/93	1.02
	03/01/94	1.57
	06/06/94	1.36
	09/17/96	1.60
	11/27/96	---
	02/14/97	2.39
	12/03/97	2.15
	03/10/98	3.05
	09/29/98	1.58
	12/09/98	2.11

**TABLE 13 - HISTORICAL GROUNDWATER ELEVATIONS
HERTZ RENTAL CAR**

Well #	Date	Ground Water Elevations (feet above Mean Sea Level)
MW-9	06/23/99	1.94
	11/24/99	---
	01/04/01	1.35
	04/19/01	2.28
	07/31/01	1.64
	10/11/01	1.37
	04/24/02	2.10
	09/30/02	---
	10/28/04	3.09

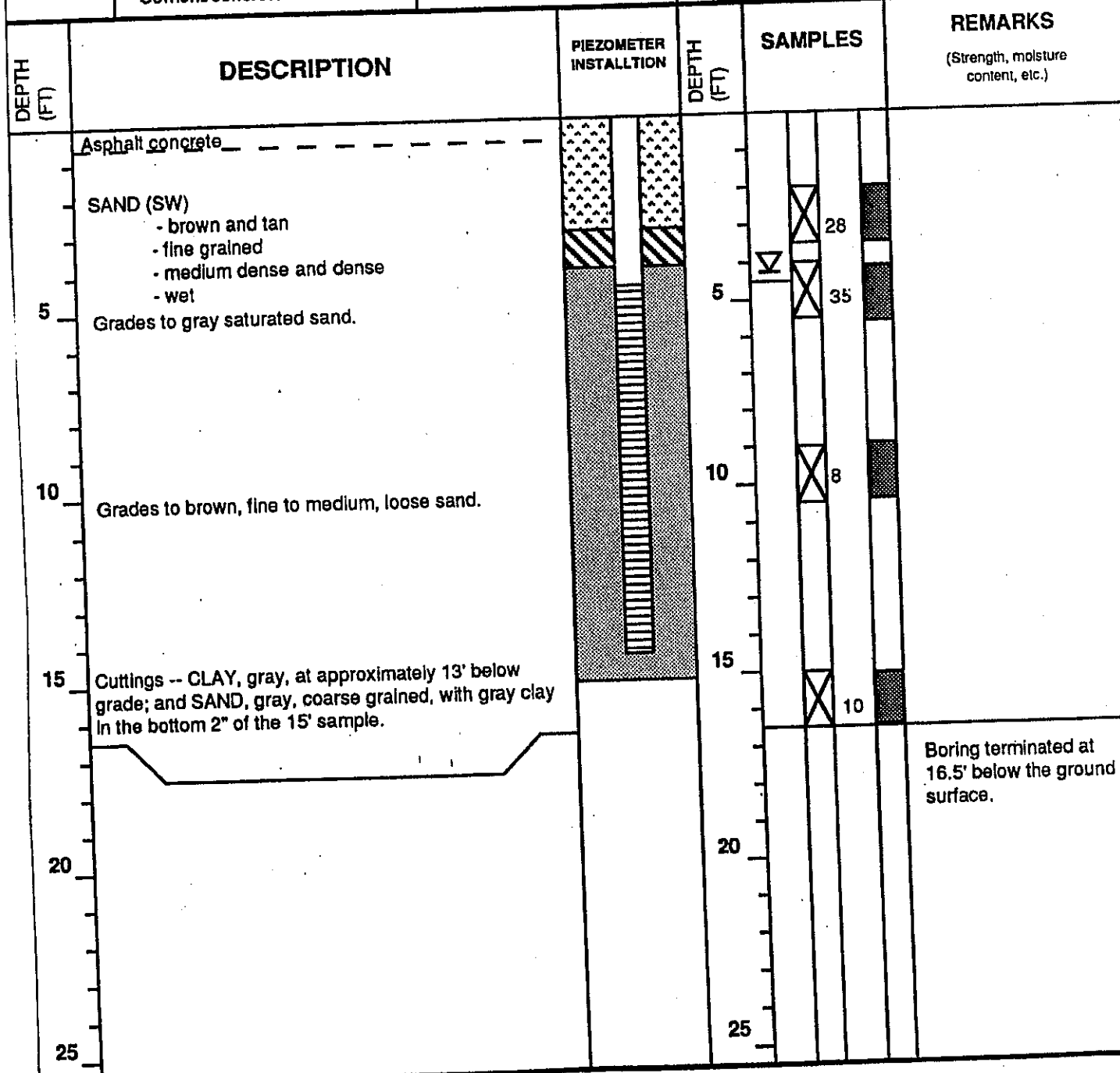


LOCATION #1 Airport Dr., Oakland, north side of the Service Center office		ELEVATION AND DATUM	
AGENCY Datum Exploration	DRILLER Jim/Steve	DATE STARTED 12/21/89	
EQUIPMENT B-61HD		DATE COMPLETED 12/21/89	
METHOD 8"-diam Hollow Stem Auger	DRILL BIT	COMPLETION DEPTH 16.5'	
CASING 2 in.-diameter Schedule 40 PVC		SAMPLERS Modified California 2-in.-diam.	
PERFORATIONS 0.01 in. slot	FROM 5' TO 15'	NO. OF SAMPLES	DIST. 4 UNDIST.
PACK #2/12 Monterey sand	FROM 4' TO 16-1/2'	WATER LEVEL	ATD 4-1/2' COMPL 24 HR
TYPE OF SEALS	Activated bentonite pellets	FROM 3' TO 4'	LOGGED BY Lois Gruenberg
	Cement/concrete/bentonite	FROM 0' TO 3'	



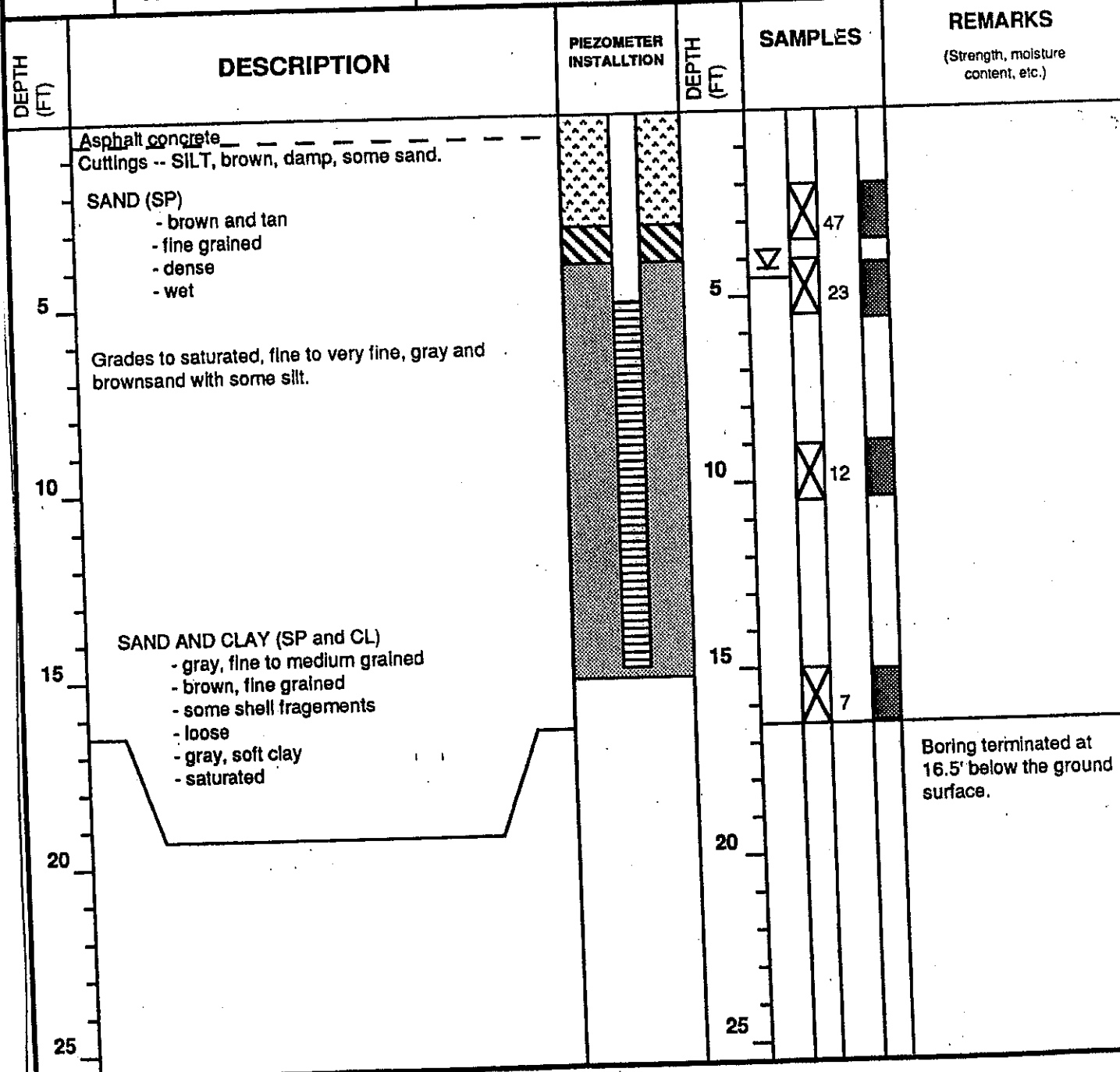


LOCATION #1 Airport Drive, Oakland, south side of the Service Center office		ELEVATION AND DATUM	
AGENCY Datum Exploration		DATE STARTED 12/21/89	
EQUIPMENT B-61HD		DATE COMPLETED 12/21/89	
METHOD 8"-diam Hollow Stem Auger		COMPLETION DEPTH 16.5'	
CASING 2 in.-diameter Schedule 40 PVC		SAMPLERS Modified California 2-in.-diam.	
PERFORATIONS 0.01 in. slot		FROM 4-1/2' TO 14-1/2'	NO. OF SAMPLES 4
PACK #2/12 Monterey sand		FROM 4' TO 16-1/2'	DIST. 4
TYPE OF SEALS		FROM 3' TO 4'	UNDIST.
Activated bentonite pellets		FROM 0' TO 3'	WATER LEVEL ATD 4-1/2'
Cement/concrete/bentonite		LOGGED BY Lois Gruenberg	CHECKED BY Pat Lucia





LOCATION #1 Airport Dr., Oakland, west side of the Service Center office		ELEVATION AND DATUM	
AGENCY Datum Exploration	DRILLER Jim/Steve	DATE STARTED 12/21/89	
EQUIPMENT B-61HD		DATE COMPLETED 12/21/89	
METHOD 8"-diam Hollow Stem Auger	DRILL BIT	COMPLETION DEPTH 16.5'	
CASING 2 in.-diam Schedule 40 PVC		SAMPLERS Modified California 2-in.-diam.	
PERFORATIONS 0.01 in. slot	FROM 4-2/3' TO 14-2/3'	NO. OF SAMPLES	DIST. 4
PACK #2/12 Monterey sand	FROM 4' TO 16-1/2'	WATER LEVEL	ATD 5'
TYPE OF SEALS	Activated bentonite pellets	FROM 3' TO 4'	LOGGED BY Lois Gruenberg
	Cement/concrete/bentonite	FROM 0' TO 3'	





**BORING LOG AND
WELL COMPLETION SUMMARY**

MW-5

WELL COMPLETION

Completion Depth:

Size/Type	From	To
Casing: 2" Diam. Sched. 40 PVC	4 Feet	0 Feet
Screen: 2" Diam. Sched. 40 Slotted (0.02") PVC	13 Feet	4 Feet
Filter: #3 Monterey Sand	13 Feet	3.5 Feet
Seal: Bentonite Pellets	3.5 Feet	3 Feet
Cement Grout	3 Feet	0 Feet

Well Cap or Box: Locking Well Box (3 - 8/16" Bolts), flush mount, traffic rated

Project Name: Hertz - Oakland
Location: 1 Airport Drive
Oakland Airport

Project No: 6-91-5228
Driller: SES
Method: HSA-Access II
Hole Diameter: 8" Total Depth: 13 Feet
Ref. Elevations: 7.76 Ft. (relative)
Logged By: Kerry Lefever

Page 1 of 1

Dates:
Start: 10-26-92
Finish: 10-26-92

Depth (ft)	Lithologic Description	USC	Graphic Log		Vapor	Remarks Water, drilling/completion, summary, sample type
			Sample/Blows	Lithology		
0	Asphalt - 2" FILL - Subbase gravel, silty, cobbles 1/2-1".	GP				Hand auger to 4.5 feet 12:30
1	ALLUVIUM - SAND, brown, fine grained, poorly graded, slightly moist, no odor.					
2						
3						
4						
5	SAND, grey-green, fine grained, poorly graded, wet, no odor.	SP	2 2 3 5			19 Sample @ 5 FEET 13:45 Ground Water @ 5.5 FEET
6						
7						
8						
9						
10	CLAYEY SAND, grey, fine grained, poorly graded, wet, no odor.	SC				
11	CLAY, grey, soft, moderate plasticity.	CL				
12						
13						TOTAL DEPTH = 13 FEET



**BORING LOG AND
WELL COMPLETION SUMMARY**

MW-6

WELL COMPLETION

Completion Depth:

Size/Type	From	To
Casing: 2" Diam. Sched. 40 PVC	4 Feet	0 Feet
Screen: 2" Diam. Sched. 40 Slotted (0.02") PVC	13 Feet	4 Feet
Filter: #3 Monterey Sand	13 Feet	3.5 Feet
Seal: Bentonite Pellets	3 Feet	3 Feet
Cement Grout	3 Feet	0 Feet

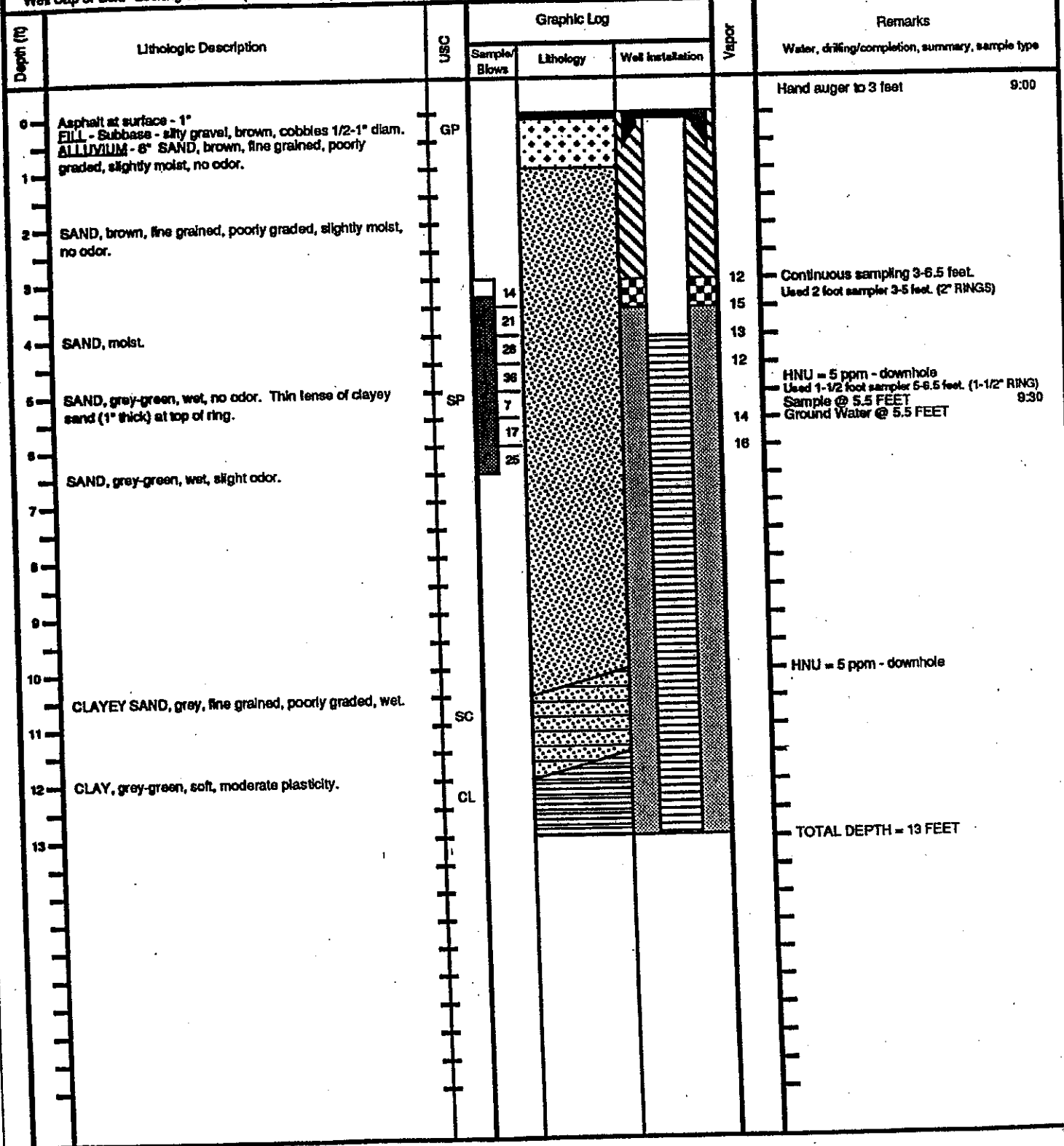
Well Cap or Box: Locking Well Box (3 - 3/16" Bolts)

Project Name: Hertz - Oakland Project No: 6-91-5228
 Location: 1 Airport Drive
 Oakland Airport

Driller: SES
 Method: HSA-Access II
 Hole Diameter: 8" Total Depth: 13 Feet
 Ref. Elevations: 7.17 Ft. (relative)
 Logged By: Kerry Lafaveer

Page 1 of 1

Dates:
 Start: 10-26-92
 Finish: 10-26-92





**Environmental
Science &
Engineering, Inc.**

BORING LOG AND WELL COMPLETION SUMMARY

MW-7

WELL COMPLETION

Completion Depth: 13 Feet

Size/Type	From	To
Casing: 2" Diam. Sched. 40 PVC	0 Feet	3 Feet
Screen: 2" Diam. Sched. 40 Slotted (0.02") PVC	3 Feet	13 Feet
Filter: #3 Monterey Sand	2 Feet	13 Feet
Seal: Bentonite Pellets	1.5 Feet	2 Feet
Cement Grout	0 Feet	1.5 Feet

Well Cap or Box: 8" Universal Traffic-rated Flush-Mounted Well Box

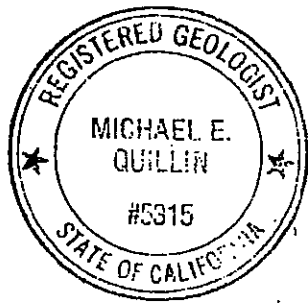
Project Name: Hertz - Oakland Project No: 6-91-5228
Location: 1 Airport Drive
Oakland, CA

Driller: Soils Exploration Services, Inc.
Method: Hollow Stem Auger
Hole Diameter: 10" Total Depth: 13 Feet
Ref. Elevations:
Logged By: Chris Valchaff

Page 1 of 1

Dates:
Start: 5-24-93
Finish: 5-24-93

Depth (ft)	Lithologic Description	USC	Graphic Log			Vapor	Remarks Water, drilling/completion, summary, sample type
			Sample Blows	Lithology	Well Installation		
0	ASPHALT						
0.5	SANDY SILT with gravel, red, damp, 10-20% fine to medium grained sand, stiff, no odor.	SM					
1	SAND, light brown, dense, damp, no odor.	SP					
2							
3	Same as above, grey, moist.						
4							
5	Same as above, wet.						Ground Water @ 4.5 FEET Sample @ 5 FEET
6							
7	Same as above, dark grey.						
8							
9							
10							
11							
12							
13							TOTAL DEPTH = 13 FEET





**Environmental
Science &
Engineering, Inc.**

BORING LOG AND WELL COMPLETION SUMMARY

MW-8

WELL COMPLETION

Completion Depth: 13 Feet

Size/Type	From	To
Casing: 2" Diam. Sched. 40 PVC	0 Feet	3 Feet
Screen: 2" Diam. Sched. 40 Slotted (0.02") PVC	3 Feet	13 Feet
Filter: #3 Monterey Sand	2 Feet	13 Feet
Seal: Bentonite Pellets	1.5 Feet	2 Feet
Cement Grout	0 Feet	1.5 Feet

Well Cap or Box: 6" Universal Traffic-rated Flush-Mounted Well Box

Project Name: Hertz - Oakland

Project No: 6-91-5228

Location: 1 Airport Drive
Oakland, CA

Page 1 of 1

Driller: Soils Exploration Services, Inc.

Method: Hollow Stem Auger

Hole Diameter: 10"

Total Depth: 13 Feet

Ref. Elevations:

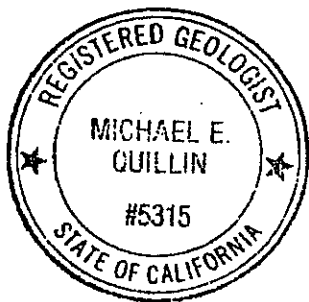
Logged By: Chris Valcheff

Dates:

Start: 5-24-93

Finish: 5-24-93

Depth (ft)	Lithologic Description	USC	Graphic Log			Vapor	Remarks Water, drilling/completion, summary, sample type
			Sample Blows	Lithology	Well Installation		
0	ASPHALT						
0.5	GRAVELLY SILT, light brown, loose to stiff, damp, no odor.	GM					
1	SAND, brown, dense, fine to medium grained, no odor.	SP					
2							
3							
4	Same as above, moist to wet.						
5							Ground Water @ 4.5 FEET
6							Sample @ 5 FEET
7	Same as above, gray, no odor.						
8							
9							
10							
11							
12							
13							TOTAL DEPTH = 13 FEET





**Environmental
Science &
Engineering, Inc.**

**BORING LOG AND
WELL COMPLETION SUMMARY**

MW-9

WELL COMPLETION

Completion Depth: 13 Feet

Size/Type	From	To
Casing: 2" Diam. Sched. 40 PVC	0 Feet	3 Feet
Screen: 2" Diam. Sched. 40 Slotted (0.02") PVC	3 Feet	13 Feet
Filter: #3 Monterey Sand	2 Feet	13 Feet
Seal: Bentonite Pellets	1.5 Feet	2 Feet
Cement Grout	0 Feet	1.5 Feet

Well Cap or Box: 8" Universal Traffic-rated Flush-Mounted Well Box

Project Name: Hertz - Oakland Project No: 6-91-5228
Location: 1 Airport Drive
Oakland, CA

Driller: Soils Exploration Services, Inc.
Method: Hollow Stem Auger
Hole Diameter: 10" Total Depth: 13 Feet
Ref. Elevations:
Logged By: Chris Valcheff

Page 1 of 1

Dates:
Start: 5-24-93
Finish: 5-24-93

Depth (ft)	Lithologic Description	USC	Graphic Log			Vapor	Remarks Water, drilling/completion, summary, sample type
			Sample/Blows	Lithology	Well Installation		
0	ASPHALT						
0 - 1	SAND, light brown, dense, damp, fine to medium grained, no odor.	SP					
2	GRAVELLY SILTY SAND, red, dense, fine to medium grained, 10-20% silts, no odor.	SM					
3	SAND, dark brown, dense, medium grained, moist, no odor.	SP					
4	Same as above, wet.						
5							Ground Water @ 4.5 FEET
6							Sample @ 5 FEET
7	Same as above, grey.						
8							
9							
10							
11							
12							
13	Same as above.						TOTAL DEPTH = 13 FEET

