



Mr. Amir Gholami, REHS
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577

May 19, 2006

Alameda County Environmental Report JUN 14 2006

**RE: SUMMARY OF SOIL AND GROUNDWATER ACTIVITIES CONDUCTED
AT THE AC TRANSIT FACILITY LOCATED AT 1100 SEMINARY AVENUE,
OAKLAND, CALIFORNIA**

Dear Mr. Gholami,

This letter and the attached figures, tables and appendices have been prepared on behalf of AC Transit, to summarize the soil and groundwater issues at their Oakland, California facility located at 1100 Seminary Avenue (Figure 1). In 1998, the Alameda County Health Care Services Agency (ACHCS), requested resumption of quarterly groundwater monitoring and additional subsurface investigation work associated with historic total petroleum hydrocarbon (TPH) releases in the vicinity of underground storage tanks (USTs) removed in 1986 and 1987.

In conjunction with the 1986 and 1987 UST removal, several soil samples were collected and eight groundwater monitor wells (MW-1 through MW-8) were installed. In 1998, only three of the original eight monitor wells (MW-1 through MW-3) were still present at the site. Figure 2 shows the location of historic monitor wells and known soil sample locations. The available historic analytical data is presented in Table 1.

In 1999, 14 additional soil borings (SB-1 through SB-14) and three additional groundwater monitor wells (MW-9 through MW-11) were installed at the site. The location of the soil borings and monitor wells installed in 1999 are presented on Figure 2. Figure 2 also displays the location of facility buildings, former and existing UST locations and subsurface utilities. Analytical data collected from the soil borings and monitor wells through October 2005 are presented in Tables 2 and 3, respectively. Depth to water measurements and groundwater elevations from quarterly monitoring events are presented in Table 4. Monitor well completion depths, screen intervals and casing sizes are presented in Table 5. Available boring logs are included in Appendix A.

In March 2005, four dual walled USTs located in Tank Farm No. 2 (Figure 2) were excavated and removed. The location of samples collected during the UST removals are presented on Figure 3. Analytical data from these samples are included in Table 2.

Concentrations of chemicals above State of California Maximum Contaminant Levels (MCLs) or Environmental Screening Levels (ESLs) are limited to TPH and related compounds in groundwater. The extent of the groundwater plume is presented in Figure 4 and is limited to the shallow aquifer presented in cross-section in Figure 5. The potentiometric surface map from the October 2005 monitoring events is included as Figure 6. Groundwater flows to the west – southwest, at a gradient of 0.0026 feet/foot. Monitor well MW-2, which historically had a

Mr. Amir Gholami

May 19, 2006

Page 2

measurable free phase floating hydrocarbon layer, has been purged the equivalent of ten casing volumes monthly since 2002. The free phase hydrocarbon layer had not been detected since implementation of the monthly overpurge until the quarterly monitoring event conducted in October 2005. Groundwater data associated with quarterly monitoring can be accessed through the State of California GeoTracker system with facility global identification number T0600102158.

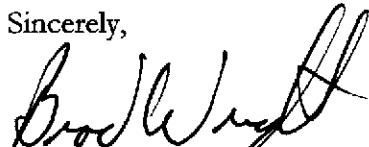
To assess the potential for impacts to sensitive receptors through groundwater, a Well Completion Report Release Agreement was filed with the County of Alameda Public Works Agency. The well completion report provided a listing of all the wells installed within a 1/2-mile radius of the Site. The tabulated list of wells is included in Appendix B. The well completion report found a total of 125 wells, none which are used for domestic or municipal supply.

Based on the extent of the groundwater plume, location of facility buildings, property boundaries and absence of domestic or municipal supply wells, there are no likely exposure pathways to sensitive receptors. Additionally, access to the Site is restricted to authorized personnel making exposure of the general public unlikely.

Quarterly monitoring has been conducted at the site since February 2000. Analytical data collected over this period has been consistent and shows that TPH and related compounds are primarily restricted to monitor wells installed nearest the former USTs (MW-1 through MW-3). Results from guard wells MW-9 through MW-11 demonstrate that the extent of TPH is not expanding. Because there is very little change observed in site groundwater conditions, after the second quarter 2004 monitoring event it was recommended that the monitoring program be reduced to semi-annual. In order to evaluate seasonal fluctuations in groundwater quality, sampling was proposed for February and August of each year. Additionally, monthly overpurging of MW-2 had resulted in the absence of a free product layer since May 2002. Therefore, it was recommended that the overpurge events be reduced to quarterly. To date, ACHCS has not commented on the recommendation for a reduction in the monitoring frequency and quarterly groundwater monitoring has continued.

If you should have any questions regarding the contents of this letter and attachments, please feel free to contact either Ms. Suzanne Chaewsky of AC Transit at (510) 577-8869 or myself at (510) 769-3563.

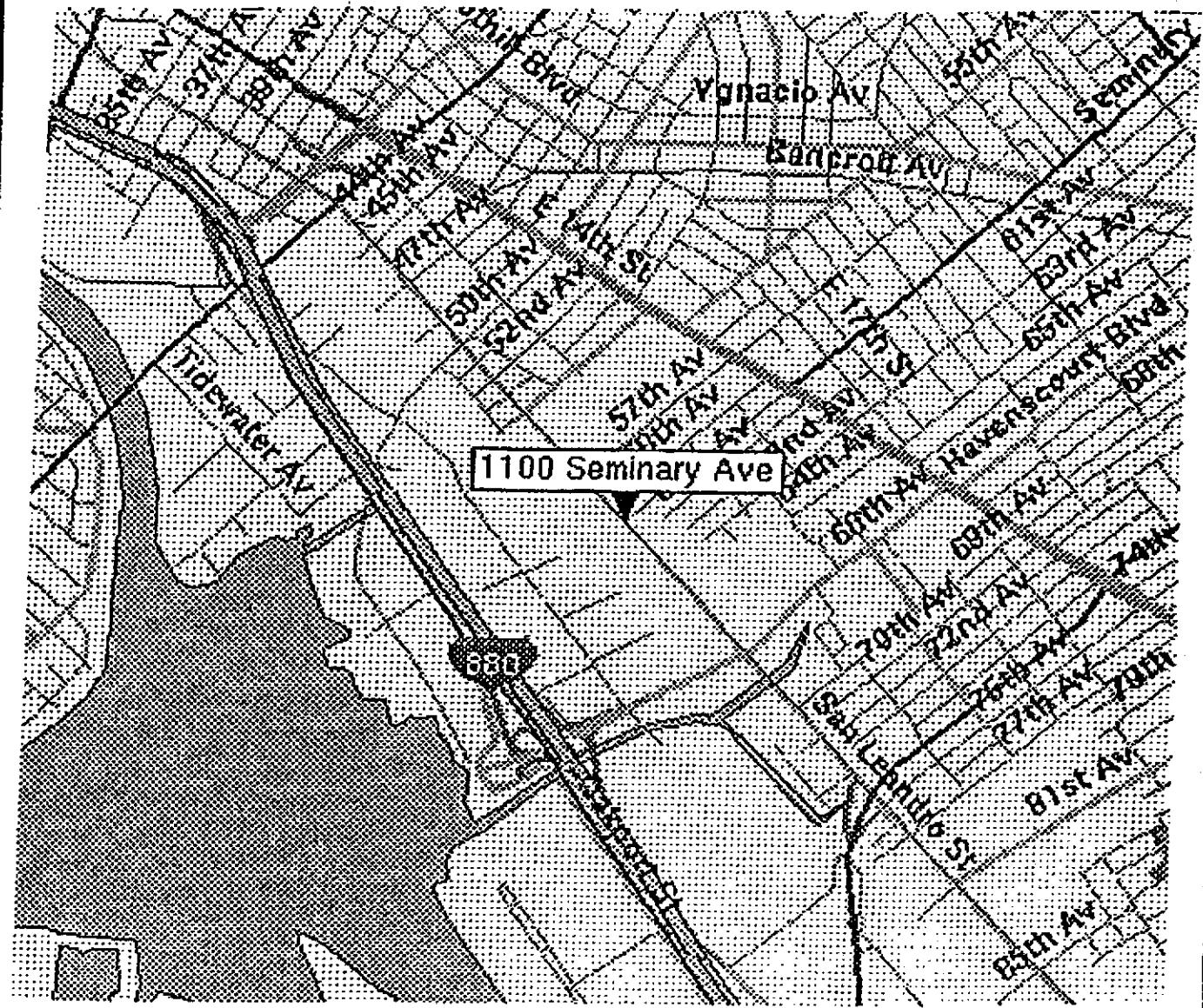
Sincerely,



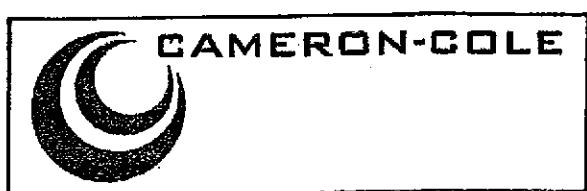
Brad Wright, RG/CHG
Principal Hydrogeologist

Cc. Ms. Suzanne Chaewsky, AC Transit

Attachments



LOCKMAP



AC TRANSIT - OAKLAND, CALIFORNIA

FIGURE 1

**SITE LOCATION MAP
1100 SEMINARY ROAD**

SCALE NO SCALE

DATE

3/22/00

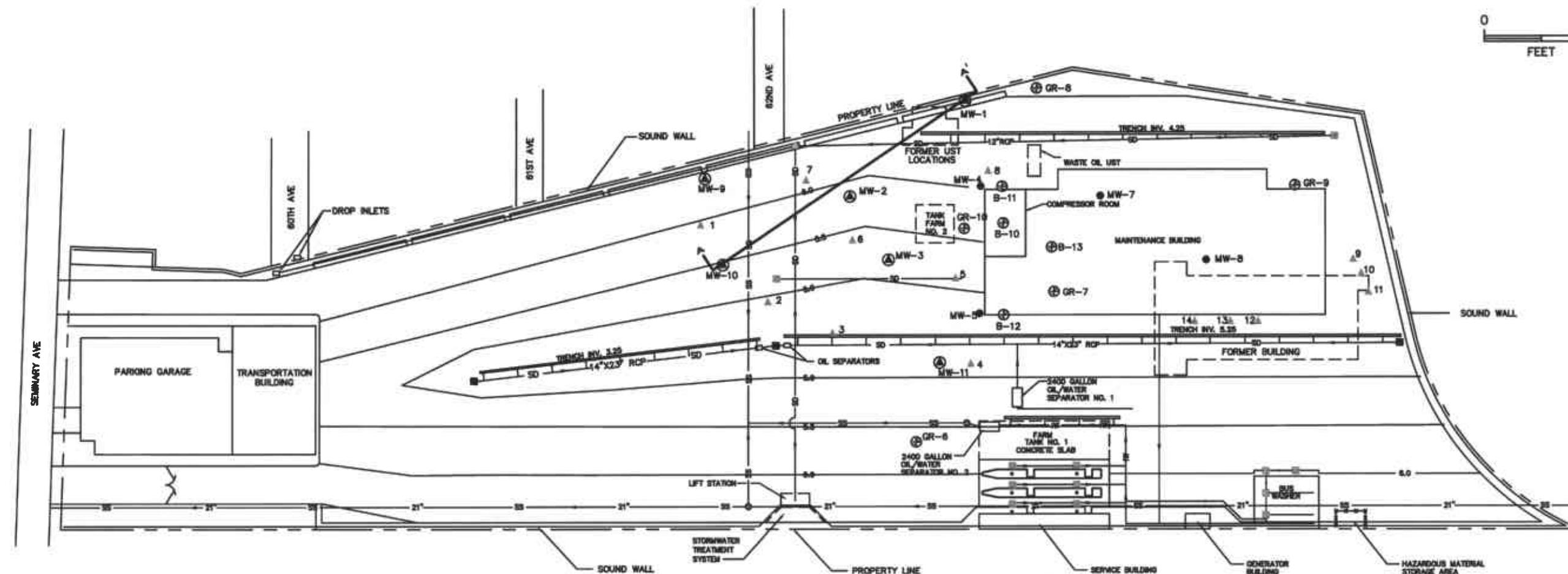
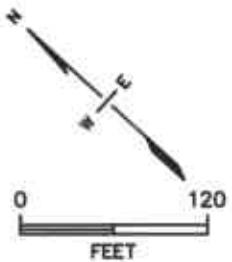


FIGURE 2

AC TRANSIT – OAKLAND, CALIFORNIA

SAMPLE LOCATIONS
1100 SEMINARY ROAD



SCALE: 1" = 120' DWG. NO.: 2011-27

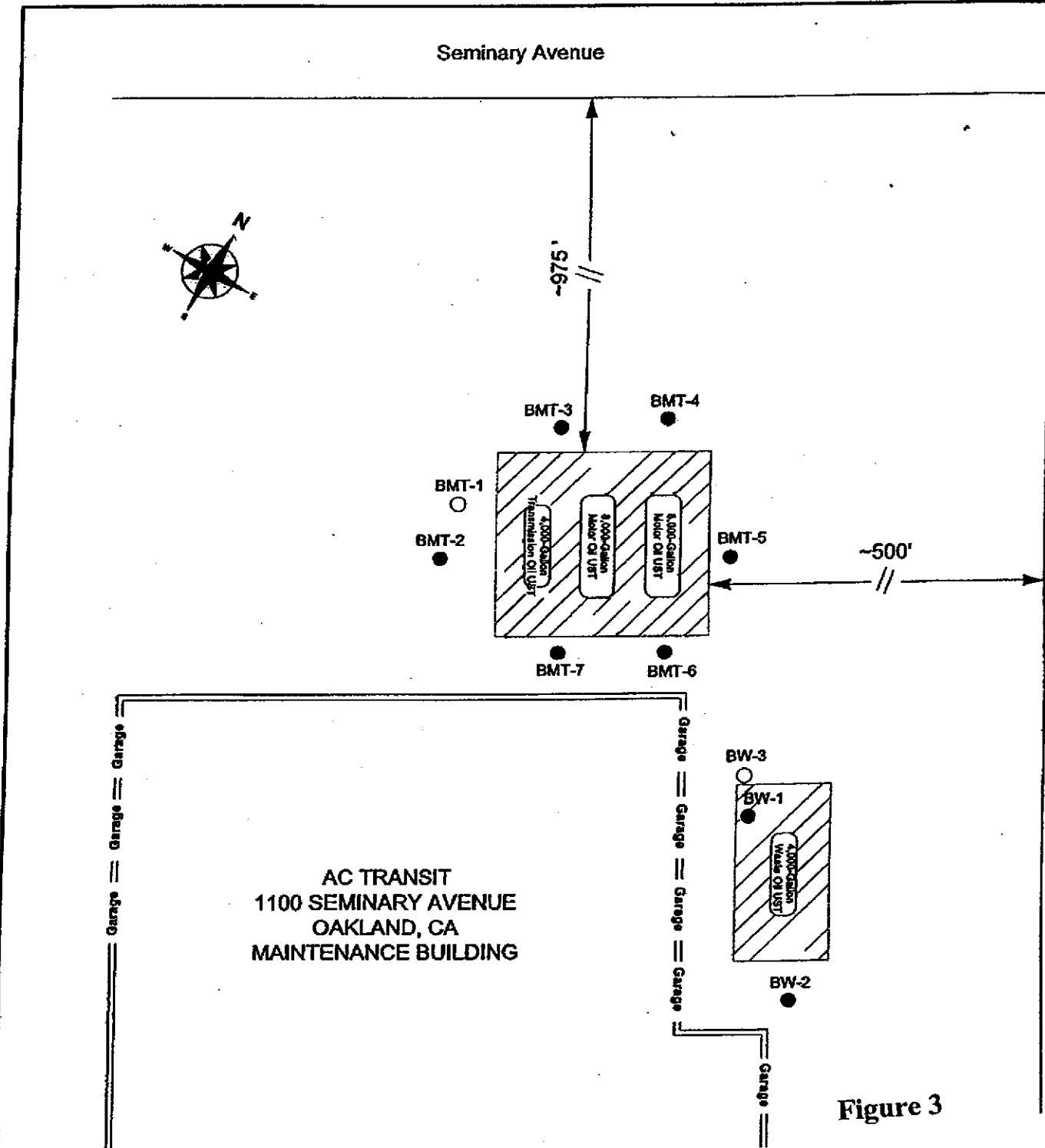
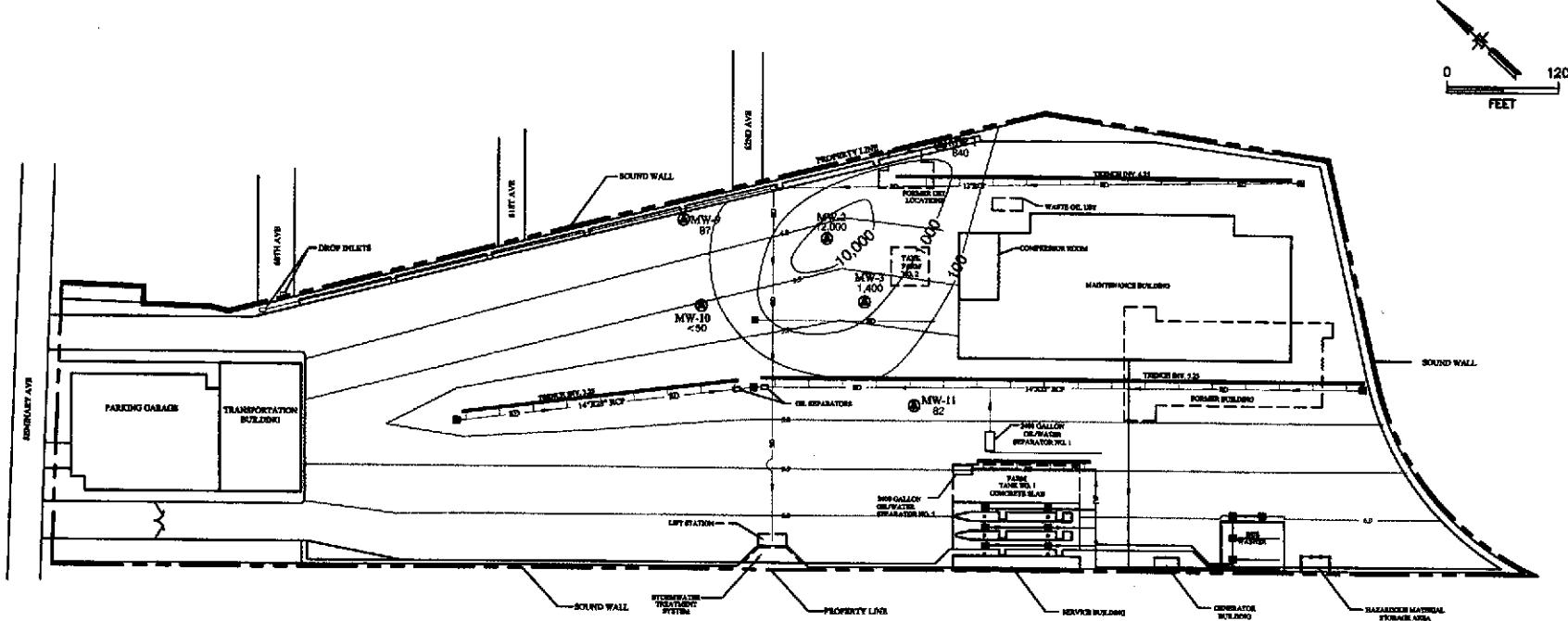


Figure 3

Date: 4/13/2005	Revision: 0	Scale: 35 ft	TEC ACCUTITE 262 MICHELLE COURT So SAN FRANCISCO, CA Phone: 650-952-5551 Fax: 650-952-7631	Site : AC Transit Operations and Maintenance Facility East Oakland Division 1100 Seminary Avenue Oakland, CA
BMT-1 ●	Boring Location			
BW-1 ○	Water Sampling Location			
	Former Underground Storage Tank (UST) Location			
	Areas of excavation			Site Map



LEGEND

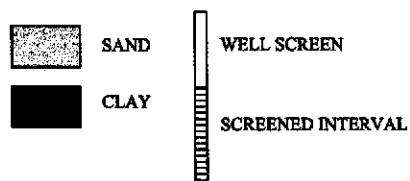
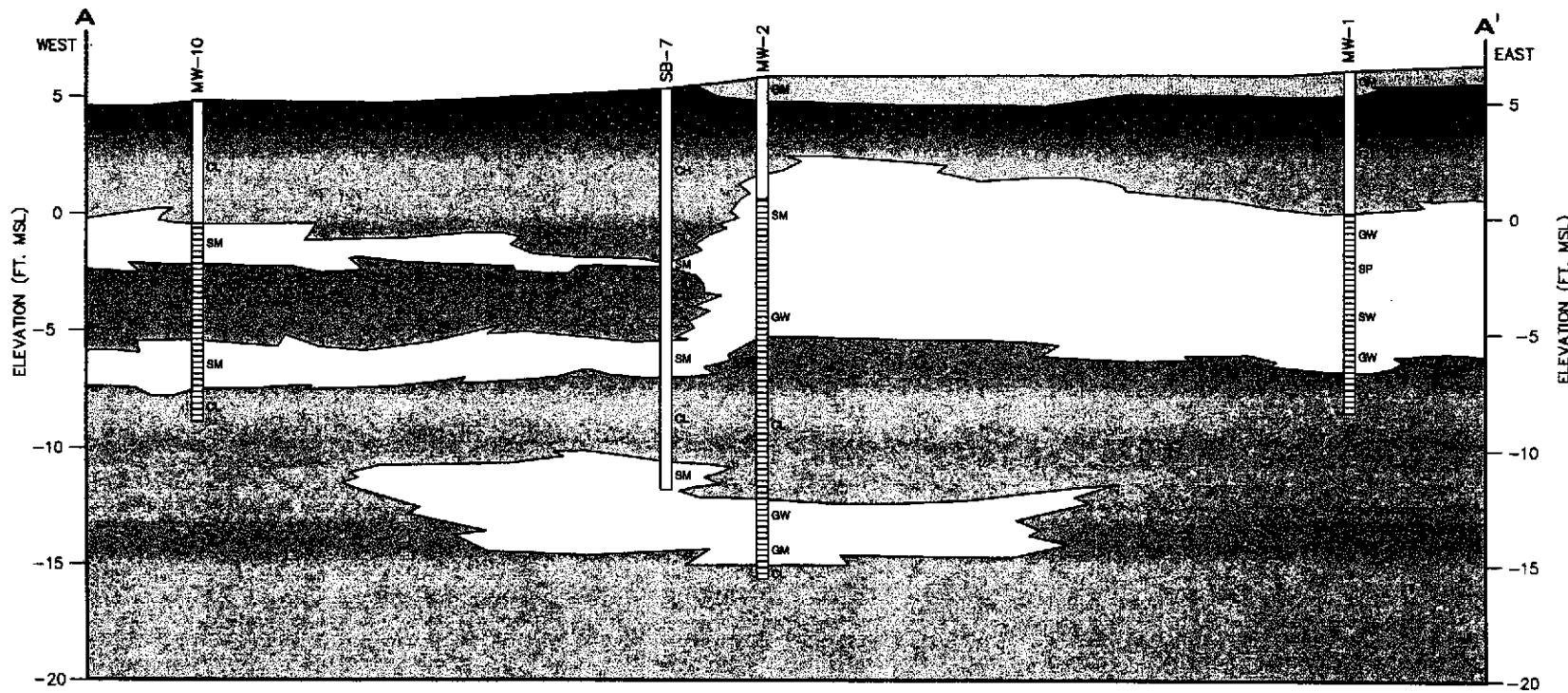
87	TPH DIESEL CONCENTRATION	④ EXISTING MONITORING WELL
100	TPH-DIESEL ISOCONCENTRATION CONTOUR	⑤ MANHOLE
SD	STORM DRAIN PIPELINE	■ CATCH BASIN
6.0	CONTOUR	
IW	INDUSTRIAL WASTE PIPELINE	
	SURFACE DRAINAGE TRENCH	

BY	DATE
DRWY	
SPS	6/16/06
CREDITS	
APPROVED	
APPROVED	
TRIMMED	



FIGURE 4

AC TRANSIT - OAKLAND, CALIFORNIA
1100 SEMINARY ROAD - TPH-DIESEL ISOCONCENTRATIONS
OCTOBER 9, 2005
SCALE: 1" = 120' DWG. NO.: 2011-26



0 480
FEET HORIZONTAL

BY	DATE
DESIGNED WRB	1/12/02
ENGINEERED	
APPROVED	
APPROVED	
APPROVED	



FIGURE 5
AC TRANSIT - OAKLAND, CALIFORNIA
1100 SEMINARY ROAD-GEOLOGIC CROSS-SECTION A-A'
SCALE: AS NOTED DWG. NO.: 2034-02

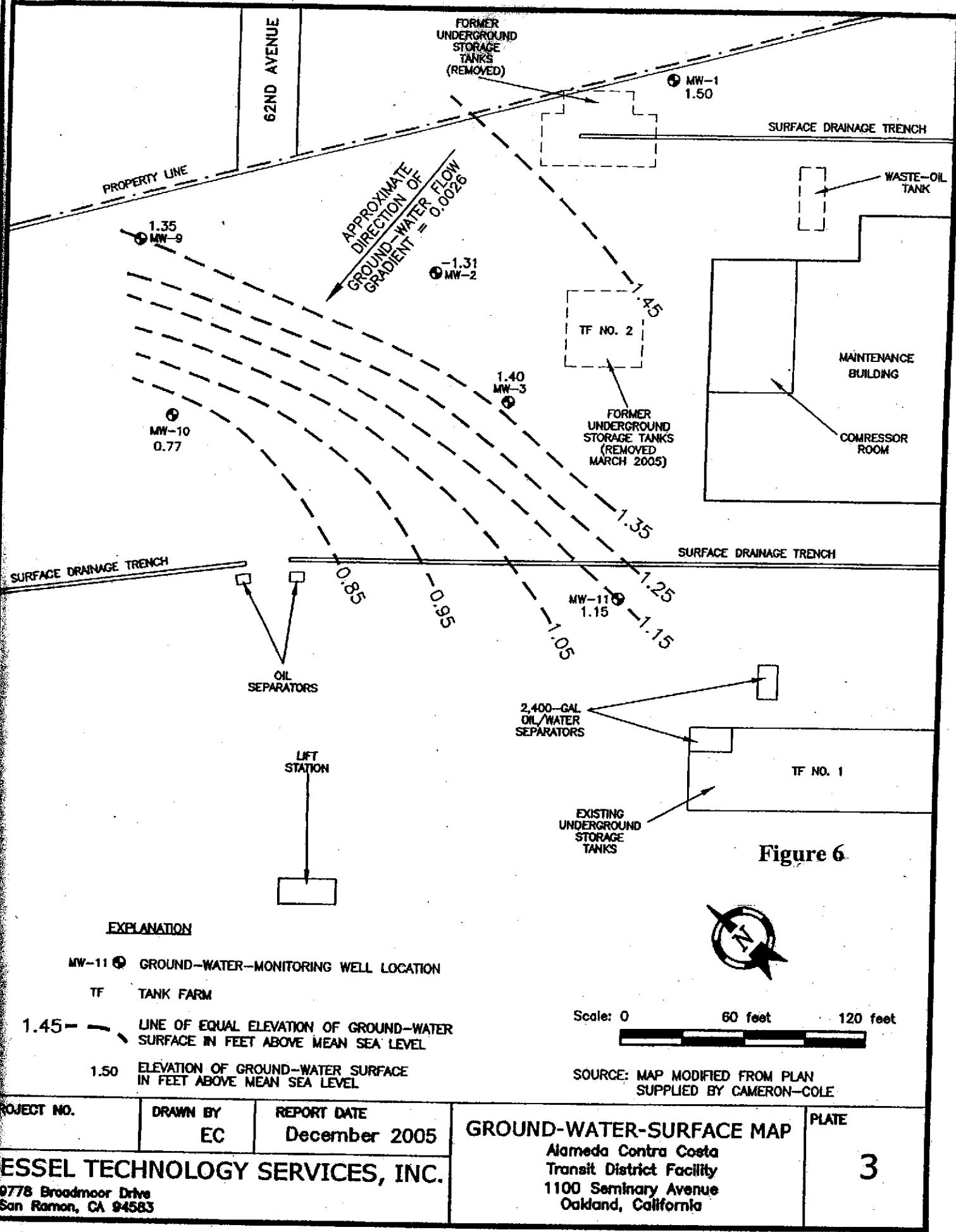


Figure 6

TABLE 1
HISTORIC ANALYTICAL DATA
AC Transit Facility
1100 Seminary Avenue, Oakland, California

Groundwater (ppb)

Well	Date	TPH	Benzene	Toluene	Ethyl Benzene	Xylene
MW-1	3-Feb-87	3,200	150	400	NA	640
MW-2	3-Feb-87	5,000	1,300	600	NA	290
MW-3	3-Feb-87	2,900	530	680	NA	540
MW-4	11-Mar-87	29,000	6,200	9,400	<100	20,000
MW-5	20-Mar-87	6,400	700	4,800	2,000	6,500
MW-7	20-Mar-87	<100	<1	<1	<1	<1
MW-8	20-Mar-87	<100	<1	1	<1	<1
SB-1*	1-Jul-87	<1000	NA	NA	NA	NA
SB-2*	7-Jul-87	<100	<5	<5	NA	<5

Soil (ppm)

Boring	Depth (feet)	Date	TPH	Benzene	Toluene	Ethyl Benzene	Xylene
B-1	1.5	Sep-86	<81	NA	NA	NA	NA
	3.5	Sep-86	140	NA	NA	NA	NA
	10.5	Sep-86	3,100	NA	NA	NA	NA
B-1A**	4.8	Sep-86	13,000	NA	NA	NA	NA
B-2	1.5	Sep-86	<65	NA	NA	NA	NA
	3.5	Sep-86	<100	NA	NA	NA	NA
	10.5	Sep-86	3,700	NA	NA	NA	NA
B-10	4.5	Apr-87	NA	<.01	<.01	<.01	<.01
B-11	7	Apr-87	NA	<.01	<.01	<.01	<.01
B-12	6.5	Apr-87	NA	<.01	<.01	<.01	<.01
SB-3*	Base	Jul-87	110	<.5	<.5	NA	<.5
SB-4*	Clay	Jul-87	<10	<.5	<.5	NA	<.5
SB-5*	Base	Jul-87	770	<.5	<.5	NA	<.5
SB-6*	Clay	Jul-87	<10	<.5	<.5	NA	<.5
MW-1	6-6.5	Jan-87	<10	NA	NA	NA	NA
	8-8.5	Jan-87	<10	NA	NA	NA	NA
MW-2	8-8.5	Jan-87	2,200	NA	NA	NA	NA
	13.5-14	Jan-87	100	NA	NA	NA	NA
MW-3	9-9.5	Jan-87	13	NA	NA	NA	NA
	11.5-12	Jan-87	110	NA	NA	NA	NA

Notes:

* sample collected from pit excavation

** sample collected from within UST vault

ppb: parts per billion

ppm: parts per million

TPH: total petroleum hydrocarbons

NA: not analyzed

TABLE 2
ANALYTICAL RESULTS OF SOIL SAMPLES (ppm)
AC Transit Facility
1100 Seminary Avenue, Oakland, California

Boring ESLs (ppm)	Date	Depth (feet)	TPH-G 100	TPH-D 100	TPH-MO 100	Benzene 0.044	Toluene 2.9	Ethyl Benzene 3.3	Xylenes 2.3
SB-1	8-Jan-99	8-8.5	<2.5	6.43	NA	<.059	<.059	<.059	<.059
SB-2	8-Jan-99	7.5-8	<2.5	15	NA	<.057	<.057	<.057	<.057
SB-3	8-Jan-99	13.5-14	<2.5	3.73	NA	<.06	<.06	<.06	<.06
SB-4	8-Jan-99	6.5-7	<2.5	2.53	NA	<.06	<.06	<.06	<.06
SB-5	8-Jan-99	7-7.5	<2.5	72.1	NA	<.058	<.058	<.058	<.058
SB-6	8-Jan-99	8-8.5	<2.5	3.29	NA	<.058	<.058	<.058	<.058
SB-7	8-Jan-99	11-11.5	9.36	89.3	NA	<.057	<.057	0.52	3.50
SB-8	8-Jan-99	8-8.5	<2.5	3.44	NA	<.058	<.058	<.058	<.058
SB-9	8-Jun-99	3.5-4	<10	<2.5	14	<10	<10	<10	<10
SB-11	8-Jun-99	5.5-6	<10	<2.5	<2.5	<10	<10	<10	<10
SB-12	8-Jun-99	3-3.5	NA	NA	261	NA	NA	NA	NA
SB-13	8-Jun-99	4-4.5	NA	NA	412	<10	<10	<10	<10
SB-14	8-Jun-99	5-5.5	NA	NA	240	NA	NA	NA	NA
BMT-2	21-Apr-05	9.5-10	NA	<1	<10	NA	NA	NA	NA
BMT-3	21-Apr-05	8.0-9	NA	<1	<10	NA	NA	NA	NA
BMT-4	21-Apr-05	7.0-8	NA	12	<10	NA	NA	NA	NA
BMT-5	21-Apr-05	7.5-8	NA	<1	<10	NA	NA	NA	NA
BMT-6	21-Apr-05	7.5-8	NA	<1	<10	NA	NA	NA	NA
BMT-7	21-Apr-05	7.5-8	NA	5	<10	NA	NA	NA	NA
BW-1	21-Apr-05	7.5-8	<0.5	2	<10	<.005	<.005	<.005	<.01
BW-2	21-Apr-05	7.5-8	<0.5	<1	<10	<.005	<.005	<.005	<.01

Notes:

ppm: parts per million

TPH-G: total petroleum hydrocarbons as gasoline

TPH-D: total petroleum hydrocarbons as diesel

TPH-MO: total petroleum hydrocarbons as motor oil

TABLE 3
ANALYTICAL RESULTS OF GROUNDWATER SAMPLES (ppb)
AC Transit Facility
1100 Seminary Avenue, Oakland, California

Well	Date	TPH-G	TPH-D	TPH	Benzene	Ethyl Benzene	Xylenes	MTBE	Nitrate	Sulfate	DO	Fe	
					1.0	300							
					MCLs ESLs	100 100	1.0 1.0	40	3	20	5		
MW-1	7-Jun-99	<100	470	NA	17.0	2	31.0	18	<50	150	3,400	360	
	7-Feb-00	390	<60	1,300	13.0	<10	<10	<10	<20	<50	1,200	1,220	
	25-May-00	<50	<50	1,000	12.0	<1.0	<1.0	<1.0	<2.0	140	1,500	1,950	
	22-Aug-00	<50	<50	600	6.3	<1.0	2.3	<1.0	<2.0	75	2,100	6,850	
	20-Nov-00	<50	<50	630	2.8	<1.0	1.1	<1.0	<2.0	<50	4,500	11,210	
	1-Mar-01	<50	<50	900	29.0	1.2	16.0	6	<2.0	<50	2,800	6,020	
	14-May-01	<50	<50	540	4.1	<1.0	3.1	<1.0	<2.0	<50	2,500	13,970	
	26-Jul-01	190	<50	500	<1.0	<1.0	<1.0	<1.0	<2.0	75	3,700	8,480	
	16-Oct-01	<50	<50	650	16.0	1.1	4.6	1.6	<2.0	<50	3,600	9,480	
	21-Feb-02	560	<50	550	21	1.0	19	15	<2.0	<50	3,000	5,890	
	29-May-02	130	<50	510	<1.0	<1.0	<1.0	<1.0	<2.0	<50	2,300	6,820	
	17-Sep-02	140	<50	330	<1.0	<1.0	<1.0	<1.0	<2.0	<50	5,200	5,840	
	14-Nov-02	150	570	NA	4.8	0.57	2.7	1.1	<1.0	<200	12,000	4,720	
	5-Feb-03	250	210	NA	16.0	<0.5	0.93	<1.0	<1.0	<200	6,500	5,630	
	14-May-03	220	<50	NA	9.9	<0.5	1.6	<1.0	<1.0	<200	5,200	3,280	
	22-Aug-03	150	770	NA	<0.5	<1.0	<1.0	<1.0	<1.0	<200	6,300	2,980	
	20-Nov-03	300	320	NA	3.0	<0.5	0.56	<1.0	<1.0	<200	7,900	3,030	
	9-Feb-04	210	370	NA	<0.5	0.50	0.52	<1.0	<1.0	<200	7,000	4,190	
	26-May-04	470	<50	NA	5.0	<0.5	7.2	1.9	<1.0	<200	2,400	3,780	
	16-Aug-04	75	<50	NA	<0.5	<0.5	<0.5	<1.0	<1.0	<200	11,000	4,120	
	18-Nov-04	207	200	NA	6.8	<0.5	2.80	1.0	<0.5	<200	14,000	50	
	22-Feb-05	325	170	NA	17.3	<0.5	3.80	5.0	<0.5	<200	7,600	3,040	
	5-May-05	512	670	NA	47.2	1.2	42.4	18.9	<0.5	ND	32,000	5,250	
	9-Oct-05	2,800	840	NA	200	5.0	85	26.0	<5.0	<100	6,600	4,600	
MW-2	8-Jun-99	11,000	434,000	117,000	1,000,000	<100,000	260,000	<300,000	<5,000,000	NA	NA	NA	NA
	7-Feb-00	51,000	160,000	<5000	19,000	<500	920	<500	<1000	51	<1000	6,660	7,300
	25-May-00	<1200	<50000	65,000	11,000	<500	670	530	<1000	330	<1000	5,670	0
	22-Aug-00	<2500	<2500	150,000	23,000	<500	1,100	1,100	<1000	370	<1000	4,530	3,680
	20-Nov-00	<1200	<25000	430,000	18,000	<500	840	610	<1000	<250	<500	1,700	3,300
	3-Mar-01	<500	<25000	610,000	14,000	<830	<830	<830	<1700	<250	<5000	7,880	3,300
	14-May-01	<1000	280,000	51,000	19,000	240	1,100	1,200	<330	<50	<1000	3,330	>3300
	26-Jul-01	54,000	590,000	<25000	19,000	<500	1,300	1,500	<1000	<50	<1000	9,960	>3300
	16-Oct-01	43,000	560,000	<25000	18,000	280	1,100	1,300	<100	<50	1,500	17,630	>3300
	21-Feb-02	46,000	180,000	<12000	18,000	<500	950	1,500	<1000	<100	<2000	3,650	>3300
	29-May-02	49,000	130,000	<5000	17,000	350	970	1,700	<500	<50	1,000	2,220	>3300
	17-Sep-02	60,000	<25000	470,000	21,000	<500	1,600	2,700	<1000	<50	<1000	4,270	>3300
	14-Nov-02	36,000	490,000	NA	14,000	280	970	2,200	<400	<200	<500	6,050	>3300
	5-Feb-03	47,000	28,000	NA	15,000	360	1,200	2,100	<100	<200	<500	6,940	>3300
	14-May-03	39,000	200,000	NA	13,000	370	1,000	2,000	<100	<200	<500	2,140	>3300
	22-Aug-03	43,000	480,000	NA	22,000	490	1,500	2,100	<400	<200	<500	1,960	>3300
	20-Nov-03	59,000	320,000	NA	22,000	<100	1,700	3,200	<200	<200	<500	2,100	>3300
	9-Feb-04	19,000	55,000	NA	5,400	160	800	1,800	<100	<200	1,200	4,730	>3300
	26-May-04	60,000	520,000	NA	22,000	410	1,700	2,800	<250	<200	<500	4,520	>3300
	16-Aug-04	63,000	42,000	NA	20,000	520	1,600	2,400	<250	<200	<2300	3,560	>3300
	18-Nov-04	38,200	126,000	NA	21,900	430	1,400	3,700	<2.5	<200	<500	330	3,300
	22-Feb-05	55,200	42,000	NA	26,400	389	2,020	3,430	<50	2,000	<500	1,350	>3300
	5-May-05	38,600	18,300	NA	8,060	177	1,200	2,310	<50	ND	470	5,200	3,300
	9-Oct-05	42,000	12,000	NA	19,000	<250	1,300	1,800	<250	<100	170	2,820	2,670

TABLE 3
ANALYTICAL RESULTS OF GROUNDWATER SAMPLES (ppb)
AC Transit Facility
1100 Seminary Avenue, Oakland, California

Well	Date	TPH-G	TPH-D	TPH	Ethyl							DO	Fe
					Benzene	Toluene	Benzene	Xylenes	MTBE	Nitrate	Sulfate		
		MCLs	1.0	150	300	1,750	13						
MW-3	100	100	100	1.0	40	3	20	5					
	7-Jan-99	199	2,680	NA	450	<10	250	190	<500	170	3,300	880	0
	7-Feb-00	2,000	<150	3,100	26	<2	5	2	<4	<50	47,300	6,480	17,800
	25-May-00	<50	<50	1,000	35	<1.0	6	4	<2.0	<50	21,700	4,640	600
	22-Aug-00	<50	<50	2,400	240	<10	<10	<10	<20	<50	19,300	3,970	20
	20-Nov-00	<50	<50	2,400	<25	<25	<25	<25	<50	<50	26,500	4,120	20
	1-Mar-01	<50	<50	1,200	100	<5.0	8.3	<5.0	<10	<50	27,000	1,510	50
	14-May-01	<50	<50	860	8.4	<1.0	1.2	<1.0	<2.0	<50	21,100	9,800	0
	26-Jul-01	1,200	<50	790	140	<5.0	12	<5.0	<10	<50	18,700	8,650	80
	16-Oct-01	1,000	<50	1,600	5.1	<1.0	4.3	<1.0	<2.0	<50	29,800	11,360	640
	21-Feb-02	1,700	<50	990	200	<10	29.0	12	<20	<50	20,500	5,730	0
	29-May-02	630	<50	840	68	<1.0	4.2	3.3	<2.0	<50	14,300	5,870	1,070
	17-Sep-02	<50	<50	1,100	4.1	<1.0	1.8	1.0	<2.0	<50	17,000	6,820	2,820
MW-9	14-Nov-02	2,800	460	NA	200	1.1	28	9.0	<2.0	<200	19,000	9,780	1,210
	5-Feb-03	720	270	NA	55	<0.5	20	7.1	<1.0	<200	22,000	8,320	>3300
	14-May-03	540	130	NA	18	<0.5	3.6	1.0	<1.0	<200	19,000	8,460	1,980
	22-Aug-03	400	540	NA	2.7	<1.0	1.6	<1.0	<1.0	<200	18,000	6,620	190
	20-Nov-03	240	520	NA	8.8	<0.5	2.2	<1.0	<1.0	<200	16,000	5,820	100
	9-Feb-04	700	700	NA	5.6	<0.5	3.8	1.3	<1.0	<200	17,000	4,080	0
	26-May-04	700	<100	NA	83.0	<0.5	11.0	1.7	<1.0	<200	18,000	4,210	0
	16-Aug-04	440	<500	NA	6.0	<0.5	1.6	<1.0	<1.0	<200	14,000	3,960	100
	18-Nov-04	728	230	NA	44.8	1.1	14.9	8.4	<0.5	<200	11,000	850	300
	22-Feb-05	3,480	390	NA	1130	1.9	174	89.4	<0.5	<200	5,300	1,910	300
	5-May-05	2,920	670	NA	1,360	2.8	199	100	<0.5	ND	13,000	3,860	3,300
	9-Oct-05	8,400	1,400	NA	4,500	<100	330	<100	<100	<100	4,700	2,790	230
	7-Feb-00	<50	<50	240	<1	<1	<1	<1	<2	230	183,000	6,940	9,000
	25-May-00	<50	<50	130	<1.0	<1.0	<1.0	<1.0	<2.0	250	172,000	6,020	1,200
	22-Aug-00	<50	<50	120	<1.0	<1.0	<1.0	<1.0	<2.0	280	157,000	7,250	0
	20-Nov-00	<50	<50	130	<1.0	<1.0	<1.0	<1.0	<2.0	340	147,000	9,690	0
MW-9	1-Mar-01	<50	<50	150	<1.0	<1.0	<1.0	<1.0	<2.0	230	116,000	4,210	0
	14-May-01	<50	<50	110	<1.0	<1.0	<1.0	<1.0	<2.0	100	140,000	8,290	0
	26-Jul-01	<50	<50	71	<1.0	<1.0	<1.0	<1.0	<2.0	130	143,000	7,560	0
	16-Oct-01	<50	<50	120	<1.0	<1.0	<1.0	<1.0	<2.0	89	141,000	967	50
	21-Feb-02	<50	<50	89	<1.0	<1.0	<1.0	<1.0	<2.0	94	137,000	3,500	70
	29-May-02	<50	<50	95	<1.0	<1.0	<1.0	<1.0	<2.0	94	141,000	4,590	90
	17-Sep-02	<50	<50	96	<1.0	<1.0	<1.0	<1.0	<2.0	100	143,000	3,860	2,130
	14-Nov-02	<50	82	NA	<0.5	<0.5	<0.5	<1.0	<1.0	<200	130,000	10,120	670
	5-Feb-03	<50	82	NA	<0.5	<0.5	<0.5	<1.0	<1.0	<200	140,000	8,630	2,870
	14-May-03	<50	140	NA	<0.5	<0.5	<0.5	<1.0	<1.0	<200	130,000	8,760	2,570
	22-Aug-03	<50	220	NA	<0.5	<1.0	<1.0	<1.0	<1.0	<200	140,000	6,140	0
	20-Nov-03	<50	80	NA	<0.5	<0.5	<0.5	<1.0	1.8	<200	140,000	6,030	200
	9-Feb-04	<50	65	NA	<0.5	<0.5	<0.5	<1.0	<1.0	<200	98,000	5,800	0
	26-May-04	<50	<250	NA	<0.5	<0.5	<0.5	<1.5	<1.0	<200	88,000	5,200	0
	16-Aug-04	<50	<50	NA	<0.5	<0.5	<0.5	<1.0	1.3	<200	100,000	4,960	0
	18-Nov-04	<50	<50	NA	<0.5	<0.5	<0.5	<1.0	2.8	<200	110,000	1,040	0
	22-Feb-05	<50	<0.5	NA	<0.5	<0.5	<0.5	<1.0	1.5	<200	101,000	1,220	0
	5-May-05	190	NA	1.1	<0.5	<0.5	<0.5	<1.0	1.6	ND	130,000	5,000	0
	9-Oct-05	<50	87	NA	2.8	<0.5	<0.5	<0.5	1.2	<100	180,000	3,650	300

TABLE 3
ANALYTICAL RESULTS OF GROUNDWATER SAMPLES (ppb)
AC Transit Facility
1100 Seminary Avenue, Oakland, California

Well	Date	TPH-G	TPH-D	TPH	Benzene	Ethyl	Xylenes	MTBE	Nitrate	Sulfate	DO	Fe	
					MCLs	Benzene							
					ESLs	100	100	100	1.0	40	3	5	
MW-10	7-Feb-00	<50	<50	470	<1	<1	<1	<2	53	114,000	1,200	55,000	
	25-May-00	<50	<50	220	<1.0	<1.0	<1.0	<2.0	480	136,000	1,940	0	
	22-Aug-00	<50	<50	140	<1.0	<1.0	<1.0	<2.0	69	126,000	4,350	0	
	20-Nov-00	<50	<50	300	<1.0	<1.0	<1.0	<2.0	<50	76,200	3,790	0	
	1-Mar-01	<50	<50	250	<1.0	<1.0	<1.0	<2.0	<250	106,000	7,440	0	
	14-May-01	<50	<50	74	<1.0	<1.0	<1.0	<2.0	<50	135,000	6,790	0	
	26-Jul-01	<50	<50	120	<1.0	<1.0	<1.0	<2.0	<50	125,000	9,680	1,970	
	16-Oct-01	<50	<50	190	<1.0	<1.0	<1.0	<2.0	<50	90,100	28,000	570	
	21-Feb-02	<50	<50	190	<1.0	<1.0	<1.0	<2.0	<50	77,700	4,280	0	
	29-May-02	<50	<50	110	<1.0	<1.0	<1.0	<2.0	<50	126,000	7,230	270	
	17-Sep-02	<50	<50	170	<1.0	<1.0	<1.0	<2.0	<50	107,000	4,230	>3300	
	14-Nov-02	<50	270	NA	<0.5	<0.5	<0.5	1.5	<200	64,000	1,680	1,400	
	5-Feb-03	<50	160	NA	<0.5	<0.5	<0.5	<1.0	<200	110,000	5,260	>3300	
	14-May-03	<50	<50	NA	<0.5	<0.5	<0.5	<1.0	<200	93,000	2,990	1,720	
	22-Aug-03	<50	320	NA	<0.5	<1.0	<1.0	<1.0	<200	120,000	1,950	0	
	20-Nov-03	<50	300	NA	<0.5	<0.5	<0.5	<1.0	1.7	<200	65,000	1,750	0
	9-Feb-04	<50	250	NA	<0.5	<0.5	<0.5	<1.0	1.1	<200	110,000	1,650	0
	26-May-04	<500	<50	NA	<0.5	<0.5	<0.5	<1.5	<1.0	<200	160,000	1,630	0
	16-Aug-04	<50	<50	NA	<0.5	<0.5	<0.5	<1.0	<1.0	<200	120,000	2,840	0
	18-Nov-04	<50	<50	NA	<0.5	<0.5	<0.5	<1.0	0.9	<200	86,000	660	0
	22-Feb-05	<50	<50	NA	1.0	<0.5	<0.5	<1.0	0.9	2,000	106,000	1,570	0
	5-May-05	<50	<50	NA	<0.5	<0.5	<0.5	<1.0	<0.5	ND	130,000	1,620	0
	9-Oct-05	<50	<50	NA	0.92	<0.5	<0.5	<0.5	0.66	<100	120,000	4,800	870

TABLE 3
ANALYTICAL RESULTS OF GROUNDWATER SAMPLES (ppb)
AC Transit Facility
1100 Seminary Avenue, Oakland, California

Well	Date	TPH-G	TPH-D	TPH	Benzene	Ethyl Benzene	Xylenes	MTBE	Nitrate	Sulfate	DO	Fe	
					1.0	150							
					MCLs	ESLs	100	100	100	1.0	40	3	
MW-II	7-Feb-00	<50	<50	400	<1	<1	<1	25	800	167,000	7,300	16,200	
	25-May-00	<50	<50	200	<1.0	<1.0	<1.0	16	480	207,000	6,540	0	
	22-Aug-00	<50	<50	170	<1.0	<1.0	<1.0	9.3	610	163,000	4,640	20	
	20-Nov-00	<50	<50	190	<1.0	<1.0	<1.0	7.5	550	143,000	2,380	0	
	1-Mar-01	<50	<50	250	<1.0	<1.0	<1.0	15.0	170	80,500	5,860	0	
	14-May-01	<50	<50	160	<1.0	<1.0	<1.0	14.0	230	103,000	6,060	2,910	
	26-Jul-01	<50	<50	220	5.9	<1.0	<1.0	2.7	20.0	180	71,300	7,360	>3300
	16-Oct-01	<50	<50	170	<1.0	<1.0	<1.0	12.0	190	101,000	8,810	>3300	
	21-Feb-02	<50	<50	170	<1.0	<1.0	<1.0	2.2	110	75,600	4,280	0	
	29-May-02	<50	<50	290	<1.0	<1.0	<1.0	2.3	140	98,700	8,350	0	
	17-Sep-02	<50	<500	1,900	<1.0	<1.0	<1.0	3.8	54	141,000	6,260	90	
	14-Nov-02	<50	740	NA	0.88	<0.5	<0.5	1.2	5.3	<200	120,000	8,380	0
	5-Feb-03	<50	410	NA	<0.5	<0.5	<0.5	<1.0	3.4	<200	8,800	9,590	0
	14-May-03	<50	<50	NA	<0.5	<0.5	<0.5	<1.0	2.5	<200	91,000	1,560	1,960
	22-Aug-03	<50	540	NA	<0.5	<1.0	<1.0	<1.0	2.2	<200	130,000	2,210	1,720
	20-Nov-03	<50	290	NA	<0.5	<0.5	<0.5	<1.0	1.8	<200	120,000	2,300	1,910
	9-Feb-04	<50	270	NA	<0.5	<0.5	<0.5	<1.0	<1.0	<200	120,000	10,400	0
	26-May-04	<50	<50	NA	<0.5	<0.5	<0.5	<1.5	<1.0	<200	140,000	10,100	0
	16-Aug-04	<50	100	NA	<0.5	<0.5	<0.5	<1.0	<1.0	<200	130,000	8,610	0
	18-Nov-04	70	<50	NA	3.3	<0.5	0.80	1.7	0.7	<200	120,000	900	300
	22-Feb-05	114	<5.0	NA	<0.5	<0.5	2.20	3.9	<0.5	<200	122,000	3,850	310
	5-May-05	<50	<50	NA	<0.5	0.60	<0.5	<1.0	<0.5	ND	130,000	760	0
	9-Oct-05	<50	82	NA	3.0	<0.5	<0.5	0.57	0.83	<100	130,000	1,940	640

Notes:

ppb: parts per billion

TPH-G: total petroleum hydrocarbons as gasoline

TPH-D: total petroleum hydrocarbons as diesel

TPH: total petroleum hydrocarbons as motor oil or unknown hydrocarbon

MCL: Maximum Contaminant Level

ESL: California Environmental Screening Level

MTBE: Methyl-tert-butylether

DO: Dissolved Oxygen

Fe: Ferrous Iron

NA: Not Analyzed

TABLE 4
GROUNDWATER LEVEL MEASUREMENTS
AC Transit Facility
1100 Seminary Avenue, Oakland, California

Well	Date	Top of Casing Elevation (ft-msl)*	Product Thickness (feet)	DTW (feet)	Measured Groundwater Elevation (ft-msl)
MW-1	7-Jan-99	6.25	None	5.13	1.12
	7-Feb-00		None	3.75	2.5
	25-May-00		None	3.69	2.56
	22-Aug-00		None	4.79	1.46
	20-Nov-00		None	4.92	1.33
	1-Mar-01		None	2.75	3.50
	14-May-01		None	3.67	2.58
	26-Jul-01		None	4.73	1.52
	16-Oct-01		None	5.35	0.90
	21-Feb-02		None	3.30	2.95
	29-May-02		None	3.70	2.55
	17-Sep-02		None	4.85	1.40
	14-Nov-02		None	4.59	1.66
	5-Feb-03		None	3.37	2.88
	14-May-03		None	3.17	3.08
	22-Aug-03		None	4.52	1.73
	20-Nov-03		None	4.61	1.64
	9-Feb-04		None	3.05	3.20
	25-May-04		None	3.22	3.03
	16-Aug-04		None	4.65	1.60
	18-Nov-04		None	3.81	2.44
	22-Feb-05		None	2.62	3.63
	5-May-05		None	3.44	2.81
	9-Oct-05		None	4.75	1.50
MW-2	7-Jan-99	5.53	2.27	6.91	-1.38
	8-Jun-99		2.23	5.83	-0.3
	9-Jun-99		0	3.9	1.63
	10-Jun-99		0	3.9	1.63
	15-Jun-99		0.42	3.92	1.61
	8-Jul-99		0.2	4.3	1.23
	7-Feb-00		Sheen	3.8	1.73
	25-May-00		0.12	3.23	2.3
	22-Aug-00		0.23	4.45	1.08
	20-Nov-00		0.23	4.70	0.83
	1-Mar-01		0.13	2.75	2.78
	14-May-01		Sheen	3.30	2.23
	26-Jul-01		None	3.27	2.26
	16-Oct-01		0.02	5.25	0.28
	21-Feb-02		0.01	3.32	2.21
	29-May-02		0.02	2.98	2.55
	17-Sep-02		None	4.83	0.70
	14-Nov-02		None	5.43	0.10
	5-Feb-03		None	3.85	1.68
	14-May-03		None	2.94	2.59
	22-Aug-03		None	4.20	1.33
	20-Nov-03		None	4.68	0.85
	9-Feb-04		None	2.94	2.59
	25-May-04		None	2.90	2.63
	16-Aug-04		None	4.30	1.23
	18-Nov-04		None	4.67	0.86
	22-Feb-05		None	5.48	0.05
	5-May-05		None	3.02	2.51
	9-Oct-05		0.083	6.91	-1.38

TABLE 4
GROUNDWATER LEVEL MEASUREMENTS
AC Transit Facility
1100 Seminary Avenue, Oakland, California

Well	Date	Top of Casing Elevation (ft-msl)*	Product Thickness (feet)	DTW (feet)	Measured Groundwater Elevation (ft-msl)
MW-3	7-Jan-99	4.76	None	4.11	0.65
	7-Feb-00		None	3.1	1.66
	25-May-00		None	2.41	2.35
	22-Aug-00		None	3.45	1.31
	20-Nov-00		None	3.42	1.34
	1-Mar-01		None	2.00	2.76
	14-May-01		None	2.64	2.12
	26-Jul-01		None	3.17	1.59
	16-Oct-01		None	3.97	0.79
	21-Feb-02		None	2.20	2.56
	29-May-02		None	2.52	2.24
	17-Sep-02		None	3.65	1.11
	14-Nov-02		None	3.47	1.29
	5-Feb-03		None	2.19	2.57
	14-May-03		None	2.12	2.64
	22-Aug-03		None	3.25	1.51
	20-Nov-03		None	3.40	1.36
	9-Feb-04		None	2.06	2.70
	25-May-04		None	2.10	2.66
	16-Aug-04		None	3.36	1.40
	18-Nov-04		None	2.68	2.08
	22-Feb-05		None	1.90	2.86
	5-May-05		None	2.38	2.38
	9-Oct-05		None	3.36	1.40
MW-9	7-Feb-00	5.8	None	4.37	1.43
	25-May-00		None	4.95	0.85
	22-Aug-00		None	5.18	0.62
	20-Nov-00		None	4.70	1.10
	1-Mar-01		None	3.03	2.77
	14-May-01		None	4.56	1.24
	26-Jul-01		None	5.17	0.63
	16-Oct-01		None	5.19	0.61
	21-Feb-02		None	4.79	1.01
	29-May-02		None	4.07	1.73
	17-Sep-02		None	4.94	0.86
	14-Nov-02		None	4.87	0.93
	5-Feb-03		None	3.88	1.92
	14-May-03		None	3.77	2.03
	22-Aug-03		None	4.73	1.07
	20-Nov-03		None	4.46	1.34
	9-Feb-04		None	3.23	2.57
	25-May-04		None	3.53	2.27
	16-Aug-04		None	4.20	1.60
	18-Nov-04		None	3.91	1.89
	22-Feb-05		None	2.75	3.05
	5-May-05		None	3.21	2.59
	9-Oct-05		None	4.45	1.35

TABLE 4
GROUNDWATER LEVEL MEASUREMENTS
AC Transit Facility
1100 Seminary Avenue, Oakland, California

Well	Date	Top of Casing Elevation (ft-msl)*	Product Thickness (feet)	DTW (feet)	Measured Groundwater Elevation (ft-msl)
MW-10	7-Feb-00	4.65	None	3.19	1.46
	25-May-00		None	3.11	1.54
	22-Aug-00		None	4.35	0.30
	20-Nov-00		None	4.18	0.47
	1-Mar-01		None	3.14	1.51
	14-May-01		None	3.27	1.38
	26-Jul-01		None	3.95	0.70
	16-Oct-01		None	4.57	0.08
	21-Feb-02		None	3.29	1.36
	29-May-02		None	3.30	1.35
	17-Sep-02		None	4.11	0.54
	14-Nov-02		None	3.86	0.79
	5-Feb-03		None	3.36	1.29
	14-May-03		None	3.23	1.42
	22-Aug-03		None	4.52	0.13
	20-Nov-03		None	3.56	1.09
	9-Feb-04		None	2.51	2.14
	25-May-04		None	2.90	1.75
	16-Aug-04		None	3.90	0.75
	18-Nov-04		None	2.52	2.13
	22-Feb-05		None	2.66	1.99
	5-May-05		None	3.18	1.47
	9-Oct-05		None	3.88	0.77
MW-11	7-Feb-00	4.19	None	4.97	-0.78
	25-May-00		None	7.58	-3.39
	22-Aug-00		None	3.01	1.18
	20-Nov-00		None	2.88	1.31
	1-Mar-01		None	1.91	2.28
	14-May-01		None	4.49	-0.3
	26-Jul-01		None	2.95	1.24
	16-Oct-01		None	3.35	0.84
	21-Feb-02		None	1.85	2.34
	29-May-02		None	2.36	1.83
	17-Sep-02		None	3.11	1.08
	14-Nov-02		None	2.55	1.64
	5-Feb-03		None	2.75	1.44
	14-May-03		None	1.98	2.21
	22-Aug-03		None	2.86	1.33
	20-Nov-03		None	2.73	1.46
	9-Feb-04		None	2.60	1.59
	25-May-04		None	2.06	2.13
	16-Aug-04		None	2.91	1.28
	18-Nov-04		None	2.75	1.44
	22-Feb-05		None	3.06	1.13
	5-May-05		None	2.89	1.3
	9-Oct-05		None	3.04	1.15

Notes:

* ft-msl: feet-mean sea level

** used 0.8 specific gravity of product

DTW: Depth to Water

TABLE 5
WELL CONSTRUCTION DETAILS
AC TRANSIT SEMINARY

Well Designation	Date Installed	Screened Interval (ft, bgs)	Total Depth (ft, bgs)	Well Diameter (inches)
MW-1	Jan-87	6.0-14.5	14.5	2
MW-2	Jan-87	5.0-21.5	21.5	2
MW-3	Jan-87	5.0-14.5	14.5	2
MW-9	Jan-00	5.0-20	20.0	2
MW-10	Jan-00	5.0-12	12.0	2
MW-11	Jan-00	7.0-14.0	14.0	2

BASELINE ENVIRONMENTAL CONSULTING
 315 Washington Street
 Oakland, CA 94607
 (415) 763-7037

Boring No. MW1
 Date 1/26/87
 Datum _____

DRILLING LOG

Location A/C Transit, Seminary

Driller Exceltec

Method Hollow-stem, cont. flight

Bore Size 8 inch
 Casing Size 2 inch
 Logger WKS

DEPTH	GRAPHIC	LITHOLOGY	NOTES
1 ft-	DM	Dark reddish brown, clayey, sandy, GRAVEL, moist-wet, cobble size clasts.	
3	OH	Very dark gray, silty, CLAY, moist.	4-7-10
5	CL	Olive, silty, CLAY, moist, granular size clasts.	
7	GW	Olive, silty, CLAY, damp, slightly sandy.	6-12-14
9	SP	Olive, sandy, GRAVEL, moist.	Slight petroleum odor. 18-22-26 rig chatter.
11	SW	Olive/reddish brown, mottled, clayey, SAND, wet.	9-9-11
13	GW	Olive, sandy GRAVEL, wet.	
15	CL	Dark reddish brown, gravelly, sandy CLAY, wet.	Slight petroleum odor. 9-18-21
17	CL	Light olive brown, sandy CLAY, wet, black sand grains.	9-11-9 Slight petroleum odor.
19	CL	Light olive brown, sandy CLAY, very wet, sand <2 ^{1/2} , a 1-inch thick sand lense at 18 ft. Clay bed becomes less sandy at depth.	4-6-7 Strong petroleum odor. 3-5-7
21	GW		6-6-8

BASELINE ENVIRONMENTAL CONSULTING
 315 Washington Street
 Oakland, CA 94607
 (415) 763-7037

Boring No. MW2
 Date 1/26/87
 Datum _____

DRILLING LOG

Location A/C Transit, Seminary
 Driller Exceltec
 Method Hollow-stem, cont. flight

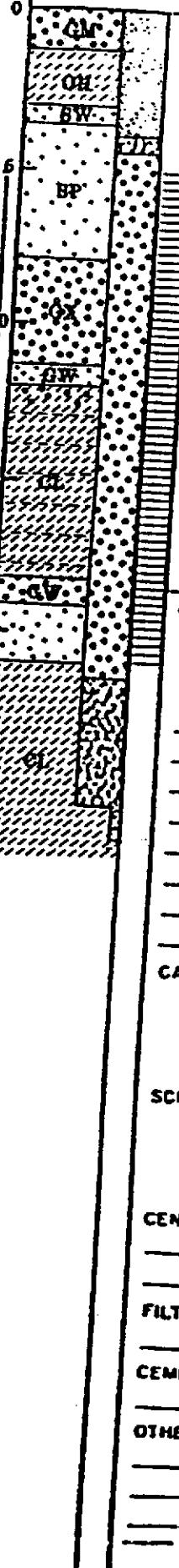
Bore Size 8-inch
 Casing Size 2-inch
 Logger WKS

DEPTH	GRAPHIC	LITHOLOGY	NOTES
1 ft-	GW	Dark reddish brown, clayey, sandy GRAVEL, moist-wet, cobble-sized clasts.	
-	OH	Very dark gray, gravelly, CLAY, moist.	
3	SM	Olive, clayey, SAND, moist. Olive brown, clayey, SAND, moist.	Slight petroleum odor. 11-11-20
5	SM	Olive brown, clayey, SAND, moist some black sand grains <1¢.	
7	SM		9-11-20
9	GW	Olive brown, sandy, GRAVEL, moist.	13-22-30 Slight petroleum odor.
11	CL	Olive brown, sandy, gravelly, CLAY, moist, a 2-inch thick, med-coarse-grained sand lens at 11.5 ft.	7-10-16 Slight petroleum odor.
13	SM		7-8-10
15	CL	Olive brown/olive, mottled, silty CLAY, wet, <1¢ black organic pieces.	4-5-5
17	SM	Olive brown, sandy, GRAVEL, wet-moist.	4-5-7
19	SM	Olive gray, clayey, silty, SAND, wet, fine grained.	5-5-8
21	CL	Olive, silty, CLAY, moist some black organic pieces.	7-9-10.
23	OL	Olive, silty, CLAY, moist, some black, organic pieces, <2¢	8-9-15 9-13-16
25			

WELL CONSTRUCTION SUMMARY

LOCATION or COORDS:
A/C Transit, Seminary

ELEVATION: GROUND LEVEL 5.80' msl
TOP OF CASING



LOCATION
PERSONNEL

DRILLING SUMMARY:

TOTAL DEPTH 25'

BOREHOLE DIAMETER 8"

DRILLER Exceltec

RIG Mobile B-53

BIT(S) Hollow-stem, cont. flight

DRILLING FLUID None

SURFACE CASING None

WELL DESIGN:

BASIS: GEOLOGIC LOG X GEOPHYSICAL LOG

CASING STRING(S): C=CASING S=SCREEN

5' - 21.5' S

0' - 5' C

CASING: C1., 2" PVC sch 40

C2

C3

C4

SCREEN: S1 2" PVC sch 40, 20 slots

S2

S3

S4

CENTRALIZERS None

FILTER MATERIAL Monterey Sand 2-12

CEMENT Neat cement

OTHER Bentonite 3.5'-4.5'
20.5'-20.5'

CONSTRUCTION TIME LOG:

TASK	START	TIME	DATE	ID
	DATE			
DRILLING: 0'-25'	1/26	13:40	1/26	15:2
GEOPHYS LOGGING:				
CASING: 0'-21.5'	1/26	15:22	1/26	15:2
FILTER PLACEMENT:	1/26	15:30	1/26	16:2
CEMENTING:	1/26	16:30	1/26	16:4
DEVELOPMENT:	2/2	17:30	2/2	17:5
OTHER:				

WELL DEVELOPMENT

Well Wizard

COMMENTS:

Water level

During drilling 13.5'

1/26 16:45 13.2'

2/2 11:08 5.5'

2/3 10:10 5.6'

BASELINE ENVIRONMENTAL CONSULTING
315 Washington Street
Oakland, CA 94607
(415) 763-7037

Boring No. MW-3
Date 1/27/87
Datum _____

DRILLING LOG

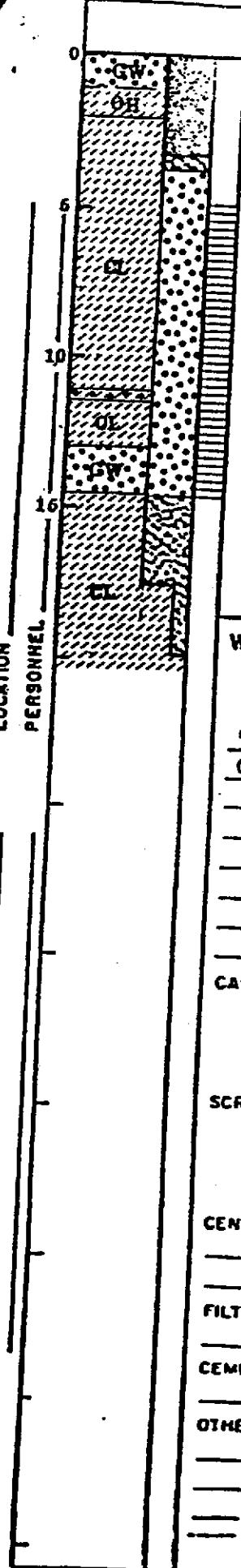
Location A/C Transit, seminary
Driller Exceltec
Method Hollow-stem, cont. flight

Bore Size 8-inch
Casing Size 2-inch
Logger WKS

DEPTH	GRAPHIC	LITHOLOGY	NOTES
1 ft	GM OH	Dark reddish brown, clayey, sandy GRAVEL, wet, cobble size clasts Very dark gray, sandy, CLAY, moist.	
3		Olive Gray, silty, CLAY, moist some granular size gravel grains. Very dark grayish brown, sandy CLAY, moist.	
5	CL		
7			
9	TI	Brown, sandy, CLAY, moist, some black grains of sand and organic pieces, a few coarse sand lenses.	6-7-10 Slight petroleum odor.
11			7-8-11 Slight petroleum odor.
13	GW	Dark reddish brown, clayey, sandy GRAVEL, wet. Olive, silty, CLAY, wet, some black organic pieces, with some sand grains.	Petroleum odor 7-9-8
15			
17			
19		T.D. 17.5'; standard pin to 19'	
21			

WELL MW-3

WELL CONSTRUCTION SUMMARY

LOCATION or COORDS:
A/C Transit, SeminaryELEVATION: GROUND LEVEL 4.97' msl
TOP OF CASING

DRILLING SUMMARY:

TOTAL DEPTH 17.5'

BOREHOLE DIAMETER 8"

DRILLER Exceltec

RIG Mobile B-53

BIT(S) Hollow-stem, cont. flight

DRILLING FLUID None

SURFACE CASING None

WELL DESIGN:

BASIS: GEOLOGIC LOG GEOPHYSICAL LOG

CASING STRING: C=CASING S=SCREEN

5'	-	14.5'	S
0'	-	5'	C
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

CASING: C1 2" PVC sch 40

C2

C3

C4

SCREEN: S1 2" PVC sch 40, 20 slots

S2

S3

S4

CENTRALIZERS None

FILTER MATERIAL Monterey Sand 2-12
14.5'-4'

CEMENT Neat cement 3.5'-1'

OTHER Bentonite 17.5'-14.5'
4'-3.5'

CONSTRUCTION TIME LOG:

TASK	START		FINISH	
	DATE	TIME	DATE	TIME
DRILLING: 0'-17.5'	1/27	8:30	1/27	9:59
SEOPHYS LOGGING:				
CASING: 0'-14.5'	1/27	10:02	1/27	11:11
FILTER PLACEMENT:	1/27	9:59	1/27	10:11
CEMENTING:	1/27	10:30	1/27	11:11
DEVELOPMENT:	2/2	10:20	2/2	11:11
OTHER:				

WELL DEVELOPMENT

Well Wizard

COMMENTS:

Water level

During drilling	11.5'
1/27	11:11
2/2	10:05
2/3	12:09

				JOB NUMBER: 702588				
1000 Franklin Ave				LOCATION: Oakland, California				
Boring		OPERATOR: Tony		METHOD: Hollow Stem Auger				
		DATE COMP: 1-10-00		TIME:	TOTAL DEPTH: 20.0 FT			
		APPROVED BY: B. Wright		DEPTH TO WATER: FT				
DEPTH COMP	OPT	SOIL CLASS	GRAPHIC LOG USCS CODE	DESCRIPTION		OVM (ppm)	SAMPLE NUMBER	SAMPLE ANAL.
0'				10-Inch concrete				
5'		CL		1-8' Silty Clay: (0,30,40,30); black (N2.5/) to light olive brown (2.5Y5/4) @ 5'; stiff; slightly moist		0.0		
10'		SC		9-11.5' Clayey Sand: (0,60,20,20); variegated brown (10YR4/3); fine to coarse sand; dense; slightly plastic; moist @ 10' coarse sand decreased		0.0		
15'		CL		11.5-14' Sandy Clay: (0,40,30,30); brown (10YR4/3); stiff; plastic; moist		0.0		
20'				14-20' Silty Clay: (0,20,40,40); brown (10YR4/3); stiff; plastic; slightly moist. Trace clayey sand (Sc) stringers; very moist		0.0		
Total Depth 20'								

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SOIL BORING/WELL LOG

Page 1 of 1

WELL NO. MW-10

CLIENT: AC Transit					JOB NUMBER: 792588
PROJECT: 1109 Seminary Ave			LOCATION: Oakland, California		
EXCAVATED BY: Dugg Drilling		OPERATOR: Tony		METHOD: Hollow Stem Auger	
DATE START: 1-10-00		DATE COMP: 1-10-00		TIME:	TOTAL DEPTH: 13.5 FT
LOGGED BY: B. Wright		APPROVED BY: B. Wright		DEPTH TO WATER: FT	
WELL COMP	DPT	BQMS	GRAPHIC LOG USCS CODE	DESCRIPTION	OVM (ppm)
Portland Cement Concrete				10-inch concrete	
Bentonite			CL	1-5' Silty Clay: (0,30,40,30); black (N2.5/1) to light olive brown (2.5Y5/4); stiff; slightly moist	
6" Borehole	5		SM	5-7' Silty Sand: (0,70,20,10); dark grayish brown (2.5Y4/2); fine to coarse sand; subrounded; loose; well graded; moist	
820 Mesh Sand Pack			CL	7-8' Sandy Clay: (0,30,30,40); gray (2.5Y5/1); fine to coarse sand; stiff; moist	
Bentonite			CL	8-10' Silty Clay: (0,20,40,40); brownish yellow (10YR6/6); fine grained sand; stiff; slightly moist	
2" 0.02 Slot Net Screen	10		SC	10-12' Clayey Sand: (0,60,20,20); yellowish brown (10YR5/4) variegated; fine to coarse sand; dense; moist. Clay content decreased @ 11' (0,70,20,10)	
End Cap			CL	12-13.5' Silty Clay: (0,20,40,40); light yellowish brown (10YR6/4); stiff; plastic; moist	
				Total Depth 13.5'	0.0

**SAFETY-KLEEN
CONSULTING**

SOIL BORING/WELL LOG

Page 1 of 1

WELL NO. MW-11

CLIENT: AC Transit				JOB NUMBER: 792588					
PROJECT: 1100 Seminary Ave				LOCATION: Oakland, California					
EXCAVATED BY: Gregg Drilling		OPERATOR: Tony		METHOD: Hollow Stem Auger					
DATE START: 1-10-00		DATE COMP: 1-10-00		TIME:		TOTAL DEPTH: 17.0 FT			
LOGGED BY: B. Wright			APPROVED BY: B. Wright			DEPTH TO WATER: FT			
WELL COMP	DPT	BLOWS	GRAPHIC LOG USCS CODE	DESCRIPTION			OVM (ppm)	SAMPLE NUMBER	SAMPLE ANAL.
Concrete				10-inch concrete					
Portland Cement				I-7.5' Silty Clay: (0,20,40,40); black (N2.5Y); stiff; high plastic; moist					
Traffic Rated Vault Locking Cap									
Blank Casting				@ 6' Olive (5Y4/3)					
Bentonite				@ 7' Sand content increased (0,40,30,30)					
5" Borehole				SC 7.5-8.5' Clayey Sand: (0,60,20,20); light olive brown (2.5Y5/4); fine to coarse sand; dense; medium plastic; moist					
620 Mesh Sand Pack				8.5-13' Silty Clay: (0,20,40,40); yellowish brown (10YR5/6); stiff; high plastic; moist					
2020 Slot Net Screen				@ 10' Sand content increased; moisture increased					
End Cap				@ 12' Slightly moist					
Soil				SC 13-14' Clayey Sand: (0,60,20,20); yellowish brown (10YR5/6); fine to coarse sand; dense; moist					
				CL 14-17' Silty Clay: (0,20,40,40); yellowish brown (10YR5/6); stiff; plastic; moist					
				Total Depth 17'					

ENVIRONMENTAL DECISION GROUP, INC.

SOIL BORING/WELL LOG

BORING NO. SB-1

Page 1 of 1

**ENVIRONMENTAL
DECISION GROUP, INC.**

SOIL BORING/WELL LOG

BORING NO. SB-2

Page 1 of 1

CLIENT: AC TRANSIT					JOB NUMBER: 792488							
PROJECT: UST INVESTIGATION					LOCATION: 1100 SEMINARY AVE., OAKLAND, CA							
EXCAVATED BY: KVILHAUG DRILLING			OPERATOR: DON EVANS			METHOD: GEOPROBE MACROCORE						
DATE START: 1-8-98		DATE COMP: 1-8-98		REF. EL.: FT		TOTAL DEPTH: 10.5 FT						
LOGGED BY: BRAD WRIGHT			APPROVED BY: BRAD WRIGHT			DEPTH TO WATER: 8.5 FT						
WELL COMP	DPT	BLOWS	GRAPHIC LOG USCS CODE	DESCRIPTION			OVM (ppm)	SAMPLE NUMBER	SAMPLI ANAL			
2" dia. borehole												
				Concrete 10-inches								
				0-8' Silty Clay; (5,15,40,40); black (N2.5/); stiff; plastic; slightly moist			0.0					
				CL/CH								
	5											
				8-8.5' Sandy Clay; (0,40,30,30); brown (IOYR 5/3); slightly stiff; plastic; moist			0.0					
				CL								
	7			8.5-9' Silty Sand; (20,50,20,10); grayish brown (IOYR 5/2); loose; well rounded, fine sand to fine gravel, well graded; saturated								
				SM								
	10			9-10.5' Sandy Clay; (0,40,30,30); brown (IOYR 5/3); slightly stiff; plastic; moist			0.0					
				CL								
	15											
	20											
JOB NUMBER: 792488								Soil 7.5-8 Water 8.5-9				
								805 #2020				

**ENVIRONMENTAL
DECISION GROUP, INC.**

SOIL BORING/WELL LOG

BORING NO. SB-3

Page 1 of 1

CLIENT: AC TRANSIT				JOB NUMBER: 792489					
PROJECT: UST INVESTIGATION				LOCATION: 1100 SEMINARY AVE., OAKLAND, CA					
EXCAVATED BY: KVILHAUG DRILLING		OPERATOR: DON EVANS		METHOD: GEOPROBE MACROCORE					
DATE START: 1-8-98		DATE COMP: 1-8-98		REF. EL: FT		TOTAL DEPTH: 17 FT			
LOGGED BY: BRAD WRIGHT			APPROVED BY: BRAD WRIGHT			DEPTH TO WATER: DRY HOLE			
WELL COMP	DPT	BLWS BD	GRAPHIC LOG USCS CODE	DESCRIPTION			OVN (ppm)	SAMPLE NUMBER	SAMPLE ANAL.
				Concrete 10-inches					
				0-7' Silty Sand with gravel: (30,30,30,10); yellowish brown (IOYR 5/6); well graded fine sand to fine gravel; angular; slightly moist					
				e 3' gravel size increases to 2 inches					
				SM					
				5					
				7-13' Sandy Clay: (0,30,40,30); dark yellowish brown (IOYR 4/4); medium plastic; stiff; moist					
				e 8' gravel (10,30,30,30)					
				CL					
				10					
				11-13' Intermittent gravelly layers					
				13-15' Silty Sand: (20,40,30,10); dark yellowish brown (IOYR 4/4); well graded, fine sand to medium gravel, subrounded to angular; moist					
				SM					
				15					
				15-17' Silty Clay: (5,20,40,35); dark yellowish brown (IOYR 4/4); very stiff; plastic; slightly moist					
				CL/CH					
				20					
JOB NUMBER: 792489									

**ENVIRONMENTAL
DECISION GROUP, INC.**

SOIL BORING/WELL LOG

BORING NO. SB-4

Page 1 of 1

CLIENT: AC TRANSIT					JOB NUMBER: 792488										
PROJECT: UST INVESTIGATION					LOCATION: 1100 SEMINARY AVE., OAKLAND, CA										
EXCAVATED BY: KVILHAUG DRILLING			OPERATOR: DON EVANS			METHOD: GEOPROBE MACROCORE									
DATE START: 1-8-99		DATE COMP: 1-8-99		REF. EL: FT		TOTAL DEPTH: 10.5 FT									
LOGGED BY: BRAD WRIGHT			APPROVED BY: BRAD WRIGHT			DEPTH TO WATER: 7.0 FT									
WELL COMP	DPT	BLOWS	GRAPHIC LOG USCS CODE	DESCRIPTION			OVM (ppm)								
							SAMPLE NUMBER								
							SAMPLE ANAL								
2" dia. borehole real cement	5		CH	Concrete 10-inches			0.0								
				0-6' Silty Clay; (0,20,40,40); black (N2.5/); stiff; high plastic; moist											
				6-4' greenish gray (S6BII) mottles											
				6-8' Silty Sand; (0,50,40,10); dark gray (10YR 4/1); fine to coarse sand; rounded; loose; moist to very moist at 7'											
				8-10.5' Silty Clay; (0,20,40,40); dark gray (N4/); stiff; plastic; moist @ 9' slightly moist; yellowish brown (10YR 5/6)											
Soil 6.5-7 Water 7-8															
005 0280															
0.0															
10															
15															
20															

**ENVIRONMENTAL
DECISION GROUP, INC.**

SOIL BORING/WELL LOG

Page 1 of 1

BORING NO. SB-5

CLIENT: AC TRANSIT					JOB NUMBER: 792488				
PROJECT: UST INVESTIGATION					LOCATION: 1100 SEMINARY AVE., OAKLAND, CA				
EXCAVATED BY: KVILHAUG DRILLING			OPERATOR: DON EVANS			METHOD: GEOPROBE MACROCORE			
DATE START: 1-8-89			DATE COMP: 1-8-89		REF. EL: FT		TOTAL DEPTH: 17 FT		
LOGGED BY: BRAD WRIGHT				APPROVED BY: BRAD WRIGHT		DEPTH TO WATER: DRY HOLE			
WELL COMP	OPT	S GLOWS BLOWS	GRAPHIC LOG USCS CODE	DESCRIPTION			OVN (ppm)	SAMPLE NUMBER	SAMPLE ANAL.
2" dia. borehole heat cement			CL/CH	Concrete 12-inches 0-8' Silty Clay; (0,20,40,40); black (N2.5Y); stiff; plastic; moist			0.0	Soil 7-7.5	8015 8020
				6-7.5' Sandy Clay; (0,40,30,30); dark yellowish brown (10YR 4/4); plastic; slightly stiff; fine to coarse grained sand; moist					
				7.5-9' Clayey Sand; (10,50,20,20); dark yellowish brown (10YR 4/4); fine sand to fine gravel; subrounded; loose; moist					
				9-11' Sandy Clay; (0,40,30,30); dark yellowish brown (10YR 4/4); soft; moist @ 10' stiff; slightly moist					
				After 2.5 hours no water had entered the borehole. Discrete water sampler probe was driven to 17 feet. No water was encountered to 17 feet.					
<p>JOB NUMBER: 792488</p>									

ENVIRONMENTAL DECISION GROUP, INC.

SOIL BORING/WELL LOG

BOHNING NU. SB-5

Page 1 of 1

ENVIRONMENTAL DECISION GROUP, INC.

SOIL BORING/WELL LOG

Page 1 of 1

BORING NO. SB-7

ENVIRONMENTAL DECISION GROUP, INC.

SOIL BORING/WELL LOG

BORING NO. SB-8

Page 1 of 1

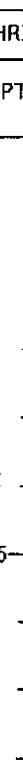
CLIENT: AC TRANSIT				JOB NUMBER: 792489	
PROJECT: UST INVESTIGATION				LOCATION: 1100 SEMINARY AVE., OAKLAND, CA	
EXCAVATED BY: KVILHAUG DRILLING		OPERATOR: DON EVANS		METHOD: GEOPROBE MACROCORE	
DATE START: 1-8-89		DATE COMP: 1-8-89		REF. EL.: FT	TOTAL DEPTH: 11 FT
LOGGED BY: BRAD WRIGHT		APPROVED BY: BRAD WRIGHT		DEPTH TO WATER: 8.5 FT	
WELL COMP	OPT	BLOWS USCS CODE	DESCRIPTION	OVM (ppm)	SAMPLE NUMBER
2"					
dia. borehole					
nest cement					
0			Concrete 10-inches		
5		CL/CH	0-6' Silty Clay; (0,20,40,40); black (N2.5/); stiff; plastic; slightly moist	0.0	
8		CL	6-8.5' Silty Clay to Sandy Clay; (0,30,40,30); olive gray (5Y 4/2)	0.0	
9		SC	8.5-9' Clayey Sand; (0,80,20,20); olive gray (5Y 4/2); loose; saturated	0.0	Soil 8-8.5
10		CL	9-11' Silty Clay; (0,20,40,40); grayish brown (10YR 5/2); soft; moist @ 10' black (N2.5/); stiff; slightly moist	0.0	Water 8.5-9
15					8015 8020
20					

ENVIRONMENTAL DECISION GROUP, INC.

SOIL BORING/WELL LOG

BORING NO. SB-9

Page 1 of 1

CLIENT: AC TRANSIT					JOB NUMBER: 792489		
PROJECT: UST INVESTIGATION					LOCATION: 1100 SEMINARY AVE., OAKLAND, CA		
EXCAVATED BY: KVILHAUG DRILLING			OPERATOR: DON EVANS		METHOD: GEOPROBE MACROCORE		
DATE START: 8-8-99		DATE COMP: 8-8-99		REF. EL.: FT		TOTAL DEPTH: 8 FT	
LOGGED BY: CHRIS WALSH			APPROVED BY: BRAD WRIGHT		DEPTH TO WATER: 4 FT		
WELL COMP	DPT	BLOWS	GRAPHIC LOG USCS CODE	DESCRIPTION	OVM (ppm)	SAMPLE NUMBER	SAMPLE ANAL.
 <p>2" dia. borehole heat cement</p>	 <p>0-1' Concrete and Road base 1-4' CL/CH 4-4.5' SM 4.5-7' CL/CH 7-8' CL</p>	 <p>0-1' Concrete and Road base 1-4' CL/CH 4-4.5' SM 4.5-7' CL/CH 7-8' CL</p>	 <p>0-1' Concrete and Road base 1-4' CL/CH 4-4.5' SM 4.5-7' CL/CH 7-8' CL</p>	0-1' Concrete and Road base	5.3	Soil 3.5-4 Water 4-4.5	8015M 8280 8270 Metals
				1-4' Silty Clay; (0,15,40,45); black (N2.5/); stiff; plastic; slightly moist			
				CL/CH			
				4-4.5' Silty Sand; (20,50,20,10); grayish brown (I0YR 5/2); loose; well rounded, fine sand to fine gravel, well graded; saturated			
				SM			
				4.5-7' Silty Clay; (5,15,40,40); dark greenish gray (5GY 4/1); stiff, plastic, slightly moist			
CL/CH	8.5						
7-8' Sandy Clay; (0,40,30,30); brown (I0YR 5/3); slightly stiff; plastic; moist	0.0						
CL							
10							
15							
20							

**ENVIRONMENTAL
DECISION GROUP, INC.**

SOIL BORING/WELL LOG

Page 1 of 1

BORING NO. SB-10

CLIENT: AC TRANSIT					JOB NUMBER: 792489								
PROJECT: UST INVESTIGATION				LOCATION: 1100 SEMINARY AVE., OAKLAND, CA									
EXCAVATED BY: KVILHAUG DRILLING			OPERATOR: DON EVANS			METHOD: GEOPROBE MACROCORE							
DATE START: 8-8-99		DATE COMP: 8-8-99		REF. EL.: FT	TOTAL DEPTH: 15 FT								
LOGGED BY: CHRIS WALSH			APPROVED BY: BRAD WRIGHT			DEPTH TO WATER: NA FT							
WELL COMP	DPT	BLWS	GRAPHIC LOG USCS CODE	DESCRIPTION			OVM (ppm)						
							SAMPLE NUMBER						
							SAMPLE ANAL.						
2" dia. borehole nest cement	100 ft	1000 Blows	CH	0'-1' Concrete and Road base									
				1-8' Silty Clay; (0,15,40,45); black (N2.5/); stiff; plastic; slightly moist			16.4						
				 @ 6' dark greenish gray (5GY 4/1)			9.4						
				@ 7' increasing sand; trace gravel									
				8-15' Sandy Clay; (0,40,30,30); dark yellowish brown (IOYR 4/4); slightly stiff; plastic; moist			0.0						
				CL			0.0						
After 5 hours no water had entered borehole. No soil or groundwater samples collected.													
20													

ENVIRONMENTAL DECISION GROUP, INC.

SOIL BORING/WELL LOG

BORING NO. SB-11

Page 1 of 1

CLIENT: AC TRANSIT				JOB NUMBER: 792489				
PROJECT: UST INVESTIGATION				LOCATION: 1100 SEMINARY AVE., OAKLAND, CA				
EXCAVATED BY: KVILHAUG DRILLING		OPERATOR: DON EVANS		METHOD: GEOPROBE MACROCORE				
DATE START: 8-8-99		DATE COMP: 8-8-99		REF. EL.: FT		TOTAL DEPTH: 15 FT		
LOGGED BY: CHRIS WALSH			APPROVED BY: BRAD WRIGHT			DEPTH TO WATER: NA FT		
WELL COMP	DPT	BLOWS	GRAPHIC LOG USCS CODE	DESCRIPTION		OVM (ppm)	SAMPLE NUMBER	SAMPLE ANAL.
2" dia. borehole ↑ heat cement	10 ft	1000 Blows	CL/CH	0-1' Concrete and Road base		13.9	Soil 5.5-6	8015M 8280 8270 Metals
				1-7.5' Silty Clay; (0,15,40,45); black (N2.5/); stiff; plastic; slightly moist				
				@ 6' trace gravel; very moist				
				@ 6.5' dark greenish gray (5GY 4/1)				
				7.5-15' Sandy Clay; (0,40,30,30); dark yellowish brown (I0YR 4/4); slightly stiff; plastic; moist				
				8.5-11.5' intermittent gravelly layers				
				CL				
After 4 hours no water had entered borehole. No groundwater samples collected.						0.0	0.0	

**ENVIRONMENTAL
DECISION GROUP, INC.**

SOIL BORING/WELL LOG

Page 1 of 1

BORING NO. SB-12

CLIENT: AC TRANSIT					JOB NUMBER: 792489				
PROJECT: UST INVESTIGATION				LOCATION: 1100 SEMINARY AVE., OAKLAND, CA					
EXCAVATED BY: KVILHAUG DRILLING			OPERATOR: DON EVANS		METHOD: GEOPROBE MACROCORE				
DATE START: 8-8-99		DATE COMP: 8-8-99		REF. EL.: FT		TOTAL DEPTH: 5 FT			
LOGGED BY: CHRIS WALSH			APPROVED BY: BRAD WRIGHT			DEPTH TO WATER: 3.5 FT			
WELL COMP	OPT	BLWS	GRAPHIC LOG USCS CODE	DESCRIPTION			OVM (ppm)	SAMPLE NUMBER	SAMPLE ANAL.
2" dia. borehole				0-1' Concrete and Road base			NA	Soil 3-3.5 Water 3.5-4	8015H
heat cement				1-5' Silty Sand with gravel; (30,30,30,10); dark brown (7.5YR 3/4); well graded, fine sand to coarse gravel, angular; moist @ 3.5' saturated					
5									
10									
15									
20									

**ENVIRONMENTAL
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SOIL BORING/WELL LOG

BORING NO. SB-13

Page 1 of 1

CLIENT: AC TRANSIT					JOB NUMBER: 792489				
PROJECT: UST INVESTIGATION					LOCATION: 1100 SEMINARY AVE., OAKLAND, CA				
EXCAVATED BY: KVILHAUG DRILLING			OPERATOR: DON EVANS		METHOD: GEOPROBE MACROCORE				
DATE START: 8-8-99		DATE COMP: 8-8-99		REF. EL.: FT		TOTAL DEPTH: 8 FT			
LOGGED BY: CHRIS WALSH			APPROVED BY: BRAD WRIGHT			DEPTH TO WATER: 4.5 FT			
WELL COMP	DPT	BLOWS	GRAPHIC LOG USCS CODE	DESCRIPTION			OVM (ppm)	SAMPLE NUMBER	SAMPLE ANAL.
 2" dia. borehole 4" dia. steel cement			 A > A V <	0-1' Concrete and Road base			5.8	Soil 4-45	8015K
				1-6' Silty Sand with gravel; (30,30,30,10); dark brown (7.5YR 3/4); well graded, fine sand to coarse gravel, angular; moist @ 4.5' saturated @ 4.6' very moist					
Temporary casing set in borehole but no water encountered after 3 hours. No groundwater samples collected.									
10 15 20									

ENVIRONMENTAL
DECISION GROUP, INC.

SOIL BORING/WELL LOG

BORING NO. SB-14

Page 1 of 1

CLIENT: AC TRANSIT					JOB NUMBER: 792489				
PROJECT: UST INVESTIGATION					LOCATION: 1100 SEMINARY AVE., OAKLAND, CA				
EXCAVATED BY: KVILHAUG DRILLING			OPERATOR: DON EVANS		METHOD: GEOPROBE MACROCORE				
DATE START: 8-8-99		DATE COMP: 8-8-99		REF. EL.: FT		TOTAL DEPTH: 7.5 FT			
LOGGED BY: CHRIS WALSH			APPROVED BY: BRAD WRIGHT			DEPTH TO WATER: 5.5 FT			
WELL COMP	DPT	BLWS	GRAPHIC LOG USCS CODE	DESCRIPTION			OVM (ppm)	SAMPLE NUMBER	SAMPLE ANAL.
			0-1'	Concrete and Road base					
			1-2'	Silty Sand with gravel; (30,30,30,10); yellowish brown (10YR 5/6); well graded, fine sand to coarse gravel, angular; slightly moist					
			2-3'	Sand; (0,90,10,0); dark olive gray (5Y 3/2); poorly graded, very fine sand; loose; very moist					
			3-6.5'	Silty Sand with gravel; (30,30,30,10); yellowish brown (10YR 5/6); well graded; fine sand to coarse gravel, angular; moist					
			6.5-7.5'	5.5' dark greenish gray (5GY 4/1); saturated; strong odor 6' black (N2.5/); increasing clay					
			7.5-8'	Silty Clay; (0,15,40,45); dark greenish gray (5GY 4/1); stiff; high plastic; slightly moist					
<p>Water samples collected on 6/9/99</p>									
<p>JOB NUMBER: 792489</p>									

APPENDIX B

WELL COMPLETION REPORT

Well Legend

DOM=Domestic well

IRR=Irrigation well

MUN= Municipal well

IND=Industrial well

CAT=Cathodic well

DES=well destroyed (through permit)

ABN=Abandoned and not being used (but has not been destroyed through permit process)

TES=Test well

BOR= Geotechnical investigation

MON= Monitoring well

EXT=Extraction/ Vapor wells

PIE=Piezometers

REC=Recovery well (extraction/ vapor)

? = Unknown or no information found or given

<u>Permit</u>	<u>Tr</u>	<u>Section</u>	<u>Address</u>	<u>Longcity</u>	<u>Owner</u>	<u>Update</u>	<u>Xcoord</u>	<u>Ycoord</u>	<u>Matchlev</u>	<u>Tsrqq</u>	<u>Rec</u>	<u>code</u>	<u>Phone</u>	<u>City</u>	<u>Drilldate</u>	<u>Elevation</u>	<u>Totaldeptl</u>	<u>Waterdept</u>	<u>Diameter</u>	<u>Use</u>
	2S/3W	16A 1	6630 EAST 14TH ST	Oakland	TEXACO STA #62488000220	#####	1.22E+08	37761928	0	2S/3W 16A	3140	0 OAK		Sep-88	0	25	0	2 DES		
	2S/3W	16A 1	6630 EAST 14TH ST	Oakland	TEXACO STA #62488000220	#####	1.22E+08	37761928	0	2S/3W 16A	6842	0 OAK		Jun-88	98	20	10	2 MON		
	2S/3W	16A 2	6630 EAST 14TH ST	Oakland	TEXACO STA #62488000220	#####	1.22E+08	37761928	0	2S/3W 16A	3141	0 OAK		Sep-88	0	25	0	2 DES		
	2S/3W	16A 2	6630 EAST 14TH ST	Oakland	TEXACO STA #62488000220	#####	1.22E+08	37761928	0	2S/3W 16A	6843	0 OAK		Jun-88	98	20	11	2 MON		
	2S/3W	16A 3	6630 EAST 14TH ST	Oakland	TEXACO STA #62488000220	#####	1.22E+08	37761928	0	2S/3W 16A	3142	0 OAK		Sep-88	0	25	0	2 DES		
	2S/3W	16A 3	6630 EAST 14TH ST	Oakland	TEXACO STA #62488000220	#####	1.22E+08	37761928	0	2S/3W 16A	6844	0 OAK		Jun-88	99	26	10	2 MON		
	2S/3W	16A 4	6630 E 14th St	Oakland	Exxon Company, USA	8/1/1991	1.22E+08	37761928	0	2S/3W 16A	1823	0 OAK		4/91	0	202	0	0 BOR*		
	2S/3W	16A 5	6630 E 14th St	Oakland	Exxon Company, USA	8/1/1991	1.22E+08	37761928	0	2S/3W 16A	1824	0 OAK		3/91	0	51	36	4 TES		
	2S/3W	16A 6	6630 E 14th St	Oakland	Exxon Company, USA	8/1/1991	1.22E+08	37761928	0	2S/3W 16A	1825	0 OAK		3/91	100	26	7	4 MON		
	2S/3W	16A 7	6630 E 14th St	Oakland	Exxon Co, USA MW-4	9/18/1992	1.22E+08	37761928	1	2S/3W 16A	7849	0 OAK		3/92	19	26	8	2 MON		
	2S/3W	16A 8	6630 E 14th St	Oakland	Exxon Co, USA MW-5	9/18/1992	1.22E+08	37761928	1	2S/3W 16A	7850	0 OAK		3/92	17	26	11	2 MON		
	2S/3W	16A 9	6630 E 14th St	Oakland	Exxon Co, USA MW-6	9/18/1992	1.22E+08	37761928	1	2S/3W 16A	7851	0 OAK		3/92	19	23	8	4 MON		
	2S/3W	16A10	6630 E 14th St	Oakland	Exxon Co, USA MW-7	9/18/1992	1.22E+08	37761928	1	2S/3W 16A	7852	0 OAK		3/92	19	23	8	2 MON		
	2S/3W	16B 1	6630 E 14th St	Oakland	Exxon	7/24/1997	1.22E+08	37761928	1	2S/3W 16E	0	0 OAK		Nov-93	0	12	0	4 EXT		
	2S/3W	16B 2	6630 E 14th St	Oakland	Exxon	7/24/1997	1.22E+08	37761928	1	2S/3W 16E	0	0 OAK		Nov-93	0	12	0	4 EXT		
	2S/3W	16B 3	6630 E 14th St	Oakland	Exxon	7/24/1997	1.22E+08	37761928	1	2S/3W 16E	0	0 OAK		Nov-93	0	12	0	4 EXT		
97006	2S/3W	16B 4	6630 E 14th St	Oakland	Exxon Co USA	#####	1.22E+08	37761922	1	2S/3W 16E	0	0 OAK		1/97	0	25	12	2 MON		
	2S/3W	16C 1	62ND AVE S/E 14TH ST	Oakland	PG&E	7/30/1984	1.22E+08	37762398	9	2S/3W 16C	3143	0 OAK		5/76	0	120	0	0 CAT		
	2S/3W	16D	1100 SEMINARY AVE	Oakland	A/C TRANSIT	#####	1.22E+08	37760560	0	2S/3W 16E	6667	0 OAK		4/87	0	12	8	9 BOR		
	2S/3W	16D	1154 57TH AVE.	Oakland	CEPHUS & JESSIE M BAYLIS	6/28/1989	1.22E+08	37763091	0	2S/3W 16C	6668	0 OAK		Aug-88	0	18	10	0 DES		
	2S/3W	16D	1175 57TH AVE.	Oakland	STOKELY-VAN CAMPS	7/30/1984	1.22E+08	37763433	0	2S/3W 16C	3144	2615800 OAK		/35	0	1025	79	18 IND		
	2S/3W	16D 2	TEVIS ST W/O 62ND ST	Oakland	PG&E	8/2/1984	1.22E+08	37762392	9	2S/3W 16C	3145	0 OAK		6/76	0	120	0	0 CAT		
	2S/3W	16D 3	1100 SEMINARY AVE	Oakland	A/C TRANSIT	3/6/1987	1.22E+08	37760560	0	2S/3W 16C	3146	0 OAK		Jan-87	0	15	7	2 TES		
	2S/3W	16D 4	1100 SEMINARY AVE	Oakland	A/C TRANSIT	3/6/1987	1.22E+08	37760560	0	2S/3W 16C	3147	0 OAK		Jan-87	0	22	13	2 MON		
	2S/3W	16D 5	1100 SEMINARY AVE	Oakland	A/C TRANSIT	3/6/1987	1.22E+08	37760560	0	2S/3W 16C	3148	0 OAK		Jan-87	0	15	5	2 MON		
	2S/3W	16D 6	1100 SEMINARY AVE	Oakland	A/C TRANSIT	4/15/1987	1.22E+08	37760560	0	2S/3W 16C	3149	0 OAK		Mar-87	0	15	6	2 MON		
	2S/3W	16D 7	1100 SEMINARY AVE.	Oakland	A.C. TRANSIT	2/8/1988	1.22E+08	37760560	0	2S/3W 16C	3150	0 OAK		Mar-87	0	16	5	4 MON		
	2S/3W	16D 8	1100 SEMINARY AVE.	Oakland	A.C. TRANSIT	2/8/1988	1.22E+08	37760560	0	2S/3W 16C	3151	0 OAK		Mar-87	0	19	4	4 MON		
	2S/3W	16D 9	1100 SEMINARY AVE.	Oakland	A.C. TRANSIT	2/8/1988	1.22E+08	37760560	0	2S/3W 16C	3152	0 OAK		Mar-87	0	19	3	4 MON		
	2S/3W	16D10	1154 57TH AVE.	Oakland	CEPHUS & JESSIE M BAYLIS	6/28/1989	1.22E+08	37763091	0	2S/3W 16C	3153	0 OAK		Aug-88	0	20	11	2 TES		
	2S/3W	16D11	1154 57TH AVE.	Oakland	CEPHUS & JESSIE M BAYLIS	6/28/1989	1.22E+08	37763091	0	2S/3W 16C	3154	0 OAK		Aug-88	0	20	11	2 TES		
	2S/3W	16D12	1154 57TH AVE.	Oakland	CEPPHUS & JESSIE M BATLIS	6/28/1989	1.22E+08	37763091	0	2S/3W 16C	3155	0 OAK		Aug-88	0	15	10	2 TES		
	2S/3W	16D13	1201 57th Avenue	Oakland	Quaker Oats Company	7/30/1990	1.22E+08	37763649	0	2S/3W 16C	749	0 OAK		May-90	0	0	0	0 DES		
	2S/3W	16D14	1189 58th Av	Oakland	Pacific Bell	7/17/1997	1.22E+08	37762937	1	2S/3W 16C	0	0 OAK		1/95	0	20	12	2 MON		
	2S/3W	16D15	1189 58th Av	Oakland	Pacific Bell	7/17/1997	1.22E+08	37762937	1	2S/3W 16C	0	0 OAK		1/95	0	20	14	2 MON		
	2S/3W	16D16	1189 58th Av	Oakland	Pacific Bell	7/17/1997	1.22E+08	37762937	1	2S/3W 16C	0	0 OAK		1/95	0	20	12	2 MON		
	2S/3W	16D17	1189 58th Av	Oakland	Pacific Bell	9/11/1997	1.22E+08	37762937	1	2S/3W 16C	0	0 OAK		4/95	0	20	12	2 MON		
	2S/3W	16D18	1137 57th Av	Oakland	Armor Equipment Sales	9/19/1997	1.22E+08	37763109	1	2S/3W 16C	0	0 OAK		7/93	0	27	12	2 MON		
	2S/3W	16E	745 Julie Ann Way	Oakland	Pacific Bank	7/27/1993	1.22E+08	37757191	1	2S/3W 16E	0	0 OAK		Oct-92	0	10	4	0 BOR		
	2S/3W	16E 7	732 Kevin Ct	Oakland	Joe Zatkin	8/21/1997	1													

2S/3W	16L	6505 San Leandro St.	Oakland	7-Up Bottling Company	3/27/1991	1.22E+08	37754631	9 2S/3W 16L	1525	0 OAK	8/90	0	25	16	2 MON
2S/3W	16L	845 66th Ave	Oakland	Unocal S/S #3135	7/31/1990	1.22E+08	37756057	0 2S/3W 16L	798	0 OAK	Apr-90	0	9	9	2 BOR
2S/3W	16L 1	845 66th Ave	Oakland	Unocal S/S #3135	7/31/1990	1.22E+08	37756057	0 2S/3W 16L	799	0 OAK	Apr-90	0	23	14	2 MON
2S/3W	16L 2	845 66th Avenue	Oakland	Unocal S/S #3135	7/31/1990	1.22E+08	37756057	0 2S/3W 16L	800	0 OAK	Apr-90	0	23	13	2 MON
2S/3W	16L 3	845 66th Avenue	Oakland	Unocal S/S #3135	7/31/1990	1.22E+08	37756057	0 2S/3W 16L	801	0 OAK	Apr-90	0	22	11	2 MON
2S/3W	16L 4	6505 San Leandro Street	Oakland	7-Up Bottling Company	1/15/1991	1.22E+08	37754631	9 2S/3W 16L	947	0 OAK	8/90	0	49	7	4 IRR
2S/3W	16L 5	6505 San Leandro Street	Oakland	7-Up Bottling Company	1/15/1991	1.22E+08	37754631	9 2S/3W 16L	948	0 OAK	8/90	0	11	5	2 MON
2S/3W	16L 6	6505 San Leandro Street	Oakland	7-Up Bottling Company	1/15/1991	1.22E+08	37754631	9 2S/3W 16L	949	0 OAK	8/90	0	11	6	2 MON
2S/3W	16L 7	845 66th Avenue	Oakland	Unocal S/S #3135	3/20/1991	1.22E+08	37756057	0 2S/3W 16L	1358	0 OAK	9/90	0	51	39	2 MON
2S/3W	16L 8	845 66th Avenue	Oakland	Unocal S/S #3135	3/20/1991	1.22E+08	37756057	0 2S/3W 16L	1359	0 OAK	8/90	0	25	15	2 MON
2S/3W	16L 9	845-66th Avenue	Oakland	Unocal S/S #3135	3/20/1991	1.22E+08	37756057	3 2S/3W 16L	1360	0 OAK	8/90	0	26	14	2 MON
2S/3W	16L10	6505 SAN LEANDRO ST	Oakland	7 - Up Bottling Company	6/4/1992	1.22E+08	37754642	1 2S/3W 16L	7452	0 OAK	2/92	0	20	10	10 MON
2S/3W	16L11	6505 SAN LEANDRO ST	Oakland	7 - Up Bottling Company	6/4/1992	1.22E+08	37754642	1 2S/3W 16L	7453	0 OAK	2/92	0	31	11	10 MON
2S/3W	16L12	6505 SAN LEANDRO St	Oakland	7 - Up Bottling Company	6/4/1992	1.22E+08	37754642	1 2S/3W 16L	7454	0 OAK	2/92	0	20	11	10 MON
2S/3W	16L13	845 66th Ave.	Oakland	Unocal S/S #3135 MW-8	6/17/1993	1.22E+08	37756057	1 2S/3W 16L	0	0 OAK	9/92	0	23	14	2 MON
2S/3W	16L14	845 66th Ave.	Oakland	Unocal S/S #3135 MW-9	6/17/1993	1.22E+08	37756057	1 2S/3W 16L	0	0 OAK	9/92	0	23	14	2 MON
2S/3W	16L15	845 66th Ave.	Oakland	Unocal S/S #3135 MW-10	6/17/1993	1.22E+08	37756057	1 2S/3W 16L	0	0 OAK	9/92	0	23	14	2 MON
2S/3W	16L16	845 66th Av	Oakland	Unocal Corporation	9/11/1997	1.22E+08	37756057	1 2S/3W 16L	0	0 OAK	4/93	0	20	6	2 MON
2S/3W	16M	6345 COLISEUM WAY	Oakland	CONSOLIDATED FREIGHTWAY	1/22/1990	1.22E+08	37754905	0 2S/3W 16M	3159	0 OAK	Apr-89	0	0	0	6 BOR*
2S/3W	16M 1	796 66th AVE.	Oakland	McGUIRE & HESTER	2/3/1988	1.22E+08	37755336	0 2S/3W 16M	3160	0 OAK	**/86	0	31	5	0 MON
2S/3W	16M 2	796 66th AVE	Oakland	McGUIRE & HESTER	2/3/1988	1.22E+08	37755336	0 2S/3W 16M	3161	0 OAK	**/86	0	27	5	0 MON
2S/3W	16M 3	796 66th AVE	Oakland	McGUIRE & HESTER	2/3/1988	1.22E+08	37755336	0 2S/3W 16M	3162	0 OAK	**/86	0	36	10	0 MON
2S/3W	16M 4	6345 Coliseum Way	Oakland	Schwartz and Lindheim Pro	9/17/1997	1.22E+08	37754905	1 2S/3W 16M	0	0 OAK	Nov-93	0	22	23	2 MON
2S/3W	16M 5	6345 Coliseum Way	Oakland	Schwartz and Lindheim Pro	9/17/1997	1.22E+08	37754905	1 2S/3W 16M	0	0 OAK	Nov-93	0	20	6	2 MON
2S/3W	16M 6	6345 Coliseum Way	Oakland	Schwartz and Lindheim Pro	9/17/1997	1.22E+08	37754905	1 2S/3W 16M	0	0 OAK	Nov-93	0	14	6	2 MON
2S/3W	16M 7	6345 Coliseum Way	Oakland	Schwartz and Lindheim Pro	9/17/1997	1.22E+08	37754905	1 2S/3W 16M	0	0 OAK	Nov-93	0	20	10	4 MON
2S/3W	16M 8	6345 Coliseum Way	Oakland	Schwartz and Lindheim Pro	9/17/1997	1.22E+08	37754905	1 2S/3W 16M	0	0 OAK	Nov-93	0	20	9	4 MON
2S/3W	16M 9	6345 Coliseum Way	Oakland	Schwartz and Lindheim Pro	9/17/1997	1.22E+08	37754905	1 2S/3W 16M	0	0 OAK	Nov-93	0	30	20	4 MON
2S/3W	16P	Oakland Coliseum	Oakland	Oakland Coliseum	3/27/1991	1.22E+08	37751170	9 2S/3W 16F	1502	0 OAK	1/90	0	42	28	2 MON
2S/3W	16P 1	Nimitz Fwy & Hegenberger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	968	0 OAK	9/90	0	15	10	2 MON
2S/3W	16P 2	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	969	0 OAK	9/90	0	74	16	4 MON
2S/3W	16P 3	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	970	0 OAK	9/90	0	100	18	4 MON
2S/3W	16P 4	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	971	0 OAK	9/90	0	93	18	4 MON
2S/3W	16P 5	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	972	0 OAK	9/90	0	102	17	4 MON
2S/3W	16P 6	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	973	0 OAK	9/90	0	73	19	4 MON
2S/3W	16P 7	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	974	0 OAK	9/90	0	83	14	4 MON
2S/3W	16P 8	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	975	0 OAK	9/90	0	75	14	1 MON
2S/3W	16P 9	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	976	0 OAK	9/90	0	71	17	1 MON
2S/3W	16P10	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	977	0 OAK	9/90	0	83	15	4 MON
2S/3W	16P11	Nimitz Fwy. & Hegenburger	Oakland	Oakland Coliseum	1/15/1991	1.22E+08	37751170	9 2S/3W 16F	978	0 OAK	9/90	0	72	22	4 MON
2S/3W	16Q	73rd & San Leandro Sts.	Oakland	Dept. of Health Services	6/12/1991	1.22E+08	37752700	3 2S/3W 16C	1668	0 OAK	1/91	0	20	7	2 MON
2S/3W	16Q 1	73rd & San Leandro Sts.	Oakland	Dept. of Health Services	6/7/1991	1.22E+08	37752700	3 2S/3W 16C	1660	0 OAK	5/91	0	16	10	4 MON
2S/3W	16Q 2	73rd & San Leandro Sts.	Oakland	Dept. of Health Services	6/7/1991	1.22E+08	37752700	3 2S/3W 16C	1661	0 OAK	5/91	0	16	10	4 MON
2S/3W	16Q 3	73rd & San Leandro Sts.	Oakland	Dept. of Health Services	6/7/1991	1.22E+08	37752700	3 2S/3W 16C	1662	0 OAK	Dec-90	0	15	8	4 MON
2S/3W	16Q 4	73rd & San Leandro Sts.	Oakland	Dept. of Health Services	6/7/1991	1.22E+08	37752700	3 2S/3W 16C	1663	0 OAK	Dec-90	0	24	10	4 MON
2															

2S/3W	16R 8	860 81st ave	Oakland	Shiochi and Miedo Samara	7/31/1992	1.22E+08	37750681	1 2S/3W 16F	7515	0 OAK	4/92	0	20	11	2 MON
2S/3W	16R 9	860 81st ave	Oakland	Shiochi and Miedo Samara	7/31/1992	1.22E+08	37750681	1 2S/3W 16F	7516	0 OAK	4/92	0	20	12	2 MON
2S/3W	16R10	860 81st ave	Oakland	Shiochi and Miedo Samara	7/31/1992	1.22E+08	37750681	1 2S/3W 16F	7517	0 OAK	4/92	0	20	10	2 MON
2S/3W	16R11	851 81st Ave	Oakland	Sunshine Biscuits MW-1	8/13/1992	1.22E+08	37750885	1 2S/3W 16F	7577	0 OAK	7/91	0	36	14	4 MON
2S/3W	16R12	851 81st Ave	Oakland	Sunshine Biscuits MW-2	8/13/1992	1.22E+08	37750885	1 2S/3W 16F	7578	0 OAK	7/91	0	36	14	4 MON
2S/3W	16R13	851 81st Ave	Oakland	Sunshine Biscuits mw-3	8/13/1992	1.22E+08	37751047	1 2S/3W 16F	7579	0 OAK	7/91	0	36	15	4 MON
2S/3W	16R14	851 81st Ave	Oakland	Sunshine Biscuits mw-4	8/13/1992	1.22E+08	37751047	1 2S/3W 16F	7580	0 OAK	7/91	0	36	14	4 MON
2S/3W	16R15	810 81ST AVE	Oakland	Mother's Cookie Co MW-3	6/25/1993	1.22E+08	37750374	1 2S/3W 16F	0	0 OAK	4/92	0	23	0	4 MON
2S/3W	16R16	7825 San Leandro St.	Oakland	American Brass & Iron MW1	7/16/1993	1.22E+08	37750361	1 2S/3W 16F	0	0 OAK	2/93	0	20	5	2 MON
2S/3W	16R17	7825 San Leandro St.	Oakland	American Brass & Iron MW2	7/16/1993	1.22E+08	37750361	1 2S/3W 16F	0	0 OAK	2/93	0	17	4	4 MON
2S/3W	16R18	7825 San Leandro St.	Oakland	American Brass & Iron MW3	7/16/1993	1.22E+08	37750361	1 2S/3W 16F	0	0 OAK	2/93	0	19	0	2 MON
2S/3W	16R19	7825 San Leandro St.	Oakland	American Brass & Iron MW4	7/16/1993	1.22E+08	37750361	1 2S/3W 16F	0	0 OAK	2/93	0	25	6	2 MON
2S/3W	16R20	910 81st Ave.	Oakland	Merle Konigsberg	7/19/1993	1.22E+08	37750975	1 2S/3W 16F	0	0 OAK	1/93	0	18	4	2 MON
2S/3W	16R21	810 81ST AVE	Oakland	Mother's Cookie Co MW-4	7/22/1993	1.22E+08	37750377	1 2S/3W 16F	0	0 OAK	Oct-92	0	25	7	4 MON
2S/3W	16R22	810 81ST AVE	Oakland	Mother's Cookie Co MW-5	7/22/1993	1.22E+08	37750377	1 2S/3W 16F	0	0 OAK	Oct-92	0	23	0	4 MON
2S/3W	16R23	865 77th Ave.	Oakland	American Brass & Iron	7/26/1993	1.22E+08	37751726	1 2S/3W 16F	0	0 OAK	Nov-92	10	17	9	2 MON