R0191

ALISTO ENGINEERING GROUP

Alameda County
SEP 07 2005
Environmental Health

August 31, 2005

Mr. Amir K. Gholami
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

10-210-21

Subject: Groundwater Monitoring and Sampling Report
Xtra Oil Company Service Station (dba Shell)
1701 Park Street
Alameda, California

Dear Mr. Gholami:

On behalf of Xtra Oil Company, Alisto Engineering Group is pleased to submit this groundwater monitoring and sampling report for the Xtra Oil Company service station (dba Shell), 1701 Park Street, Alameda, California.

Please call if you have questions or comments.

Sincerely,

ALISTO ENGINEERING GROUP

Chris Reinheimer
Project Manager

Enclosure

cc: Mr. Keith Simas, Xtra Oil Company (with enclosure)
Ms. Ade Fagorala, California Regional Water Quality Control Board, San Francisco Bay Region (with enclosure)

2737 NORTH MAIN ST., SUITE 100 • WALNUT CREEK, CA 94597-2749 • (925) 279.5000 • FAX (925) 279.5001
CONTRACTOR LICENSE NO. A-652544

SECOND QUARTER 2005
GROUNDWATER MONITORING AND SAMPLING REPORT

Xtra Oil Company Service Station (dba Shell)
1701 Park Street
Alameda, California

Project No. 10-210-21

Prepared for:

Xtra Oil Company
2307 Pacific Avenue
Alameda, California

Prepared by:

Alisto Engineering Group
2737 North Main Street, Suite 100
Walnut Creek, California

August 31, 2005

Chris Reinheimer
Project Manager

Al Sevilla, P.E.
Principal

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1701 Park Street
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INTRODUCTION

This report presents the results and findings of the March 24, 2005 groundwater monitoring and sampling conducted by Alisto Engineering Group at the Xtra Oil Company service station (dba Shell), 1701 Park Street, Alameda, California. A site vicinity map is shown on Figure 1.

FIELD PROCEDURES

Field activities were performed in accordance with the procedures and guidelines of the Alameda County Health Care Services Agency (ACHCSA) and the California Regional Water Quality Control Board, San Francisco Bay Region.

Before purging and sampling, the groundwater level in each well was measured from a permanent mark on top of the casing to the nearest 0.01 foot using an electronic sounder. The depth to groundwater and top of casing elevation data were used to calculate the groundwater elevation in each well in reference to mean sea level. The survey data and groundwater elevation measurements collected to date are presented in Table 1.

Before sample collection, each well was purged of three casing volumes while recording field readings of pH, temperature and electrical conductivity. Groundwater samples were collected for laboratory analysis by lowering a bottom-fill, disposable bailer to just below the water level in each well. The samples were transferred from the bailer into laboratory-supplied containers. The water sampling field survey forms are presented in Appendix A.

SAMPLING AND ANALYTICAL RESULTS

The results of monitoring and laboratory analysis of the groundwater samples for this and previous events are summarized in Table 1. The potentiometric groundwater elevations as interpreted from the results of this monitoring event are shown on Figure 2. The results of laboratory analysis are shown on Figure 3 and the laboratory report and chain of custody record are presented in Appendix B.

SUMMARY OF FINDINGS

The findings of the June 30, 2005 groundwater monitoring and sampling event are as follows:

- Groundwater gradient as interpreted from the monitoring data was 0.014 feet per foot in an easterly direction across the Xtra Oil site.
- There were no petroleum hydrocarbons detected in the samples from MW-3.
- Maximum concentrations of 23,000 micrograms per liter (µg/L) total petroleum hydrocarbons as gasoline was detected in samples from wells MW-1 and MW-4.
- The highest concentrations of 1300 µg/L benzene and 2700 µg/L toluene were detected in the sample from MW-1.
- Total petroleum hydrocarbons as diesel was detected in groundwater samples from wells MW-1, MW-2 and MW-4 at concentrations of 4300, 53000, and 5600 µg/L, respectively.
- MTBE was only detected above the reported detection limits in the sample at MW-2 at a concentration of 530 µg/L.

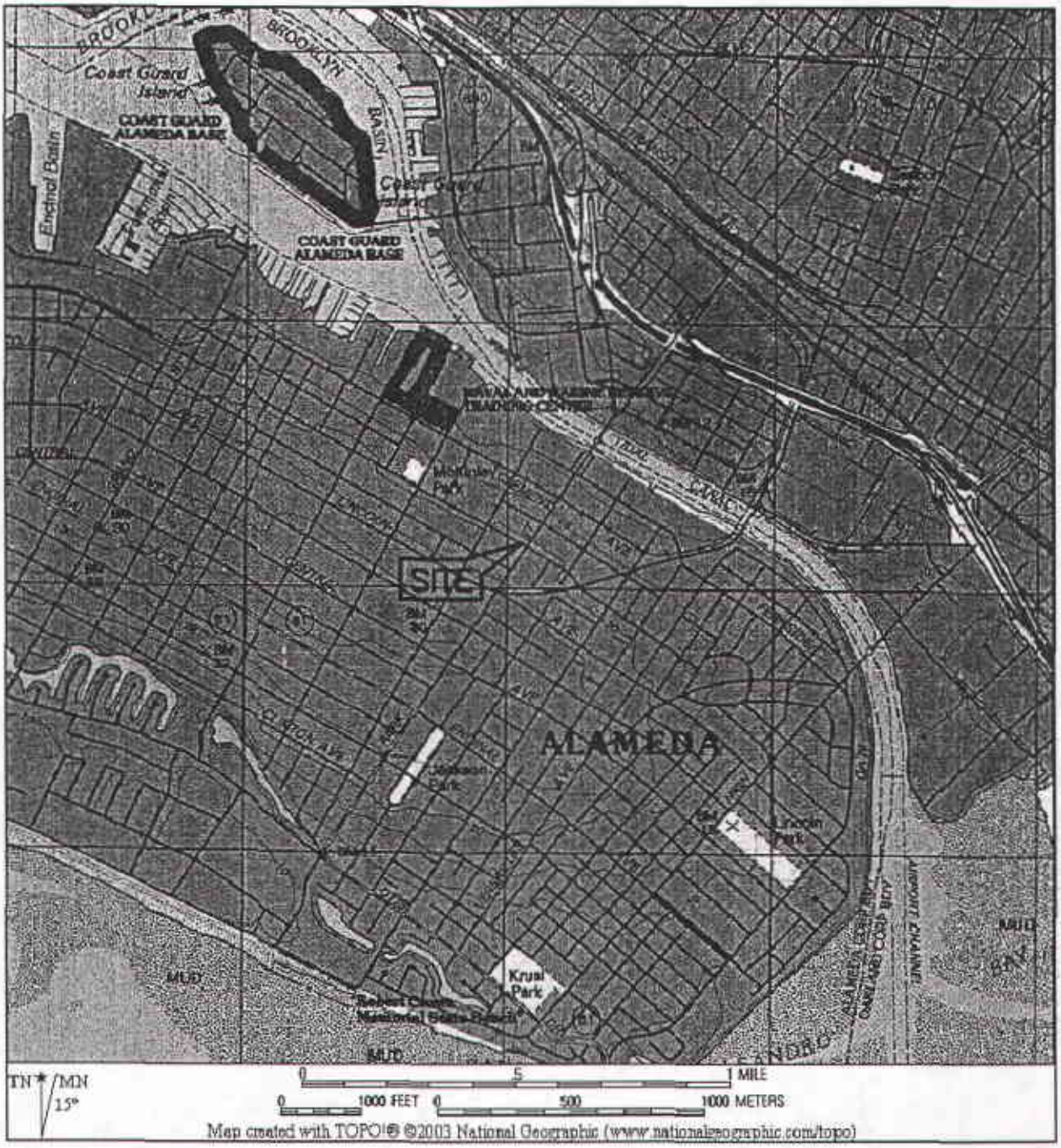


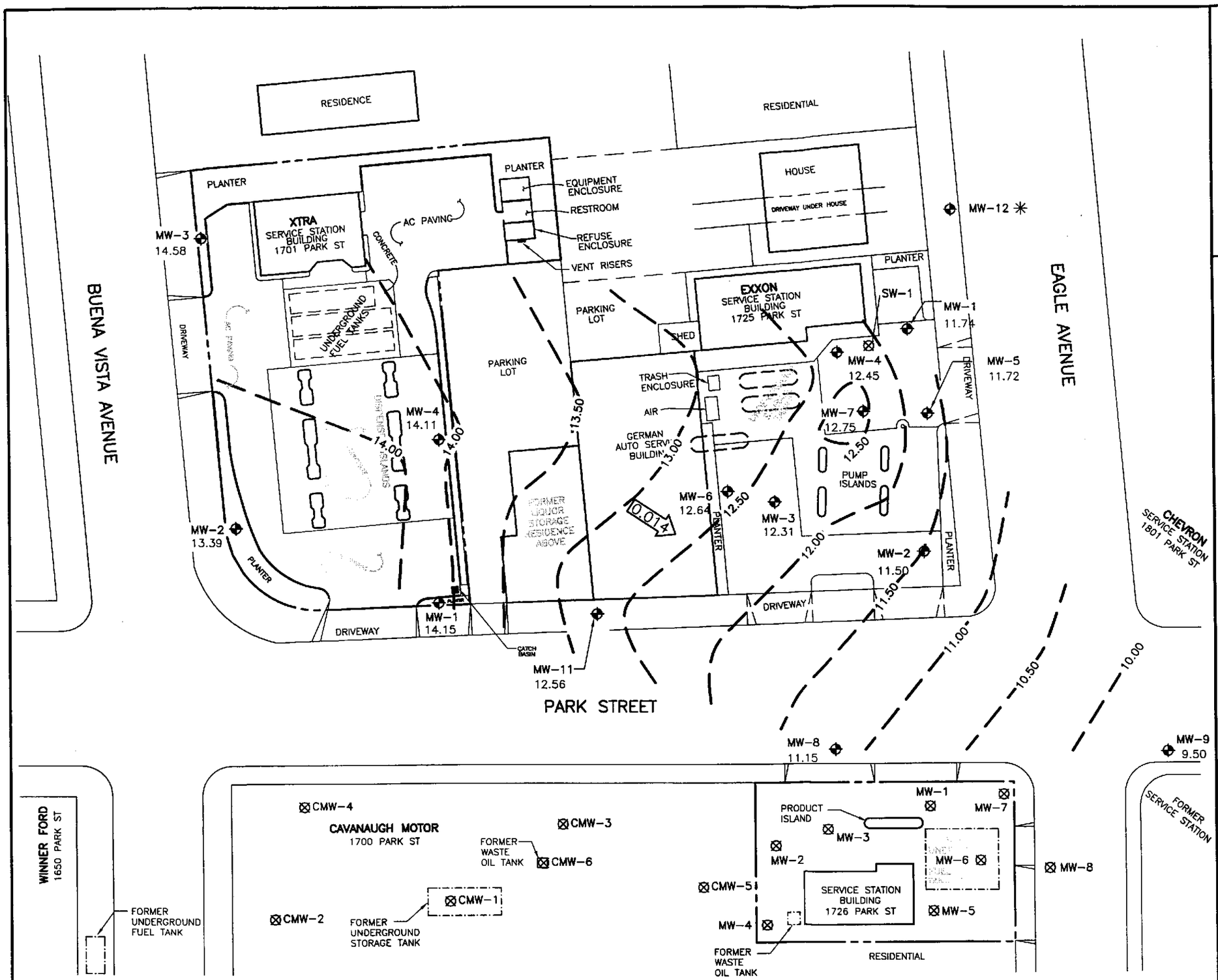
FIGURE 1

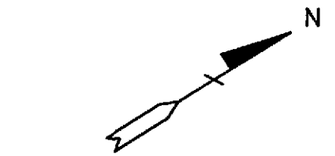
SITE VICINITY MAP

XTRA OIL COMPANY SERVICE STATION
1701 PARK STREET
ALAMEDA, CALIFORNIA

PROJECT NO. 10-210

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA





LEGEND

- ◆ GROUNDWATER MONITORING WELL
- ⊠ DESTROYED WELL
- ---- PROPERTY LINE
- 14.58 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 14.50 GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL–0.50 FOOT)
- 0.014 CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT
- ✳ NOT MONITORED

NOTE:
Potentiometric groundwater elevation contours were generated with Quicksurf using the Kriging method with a piece–wise variogram on a triangulated grid surface.

FIGURE 2

POTENTIOMETRIC GROUNDWATER ELEVATION CONTOUR MAP

JUNE 14, 2005

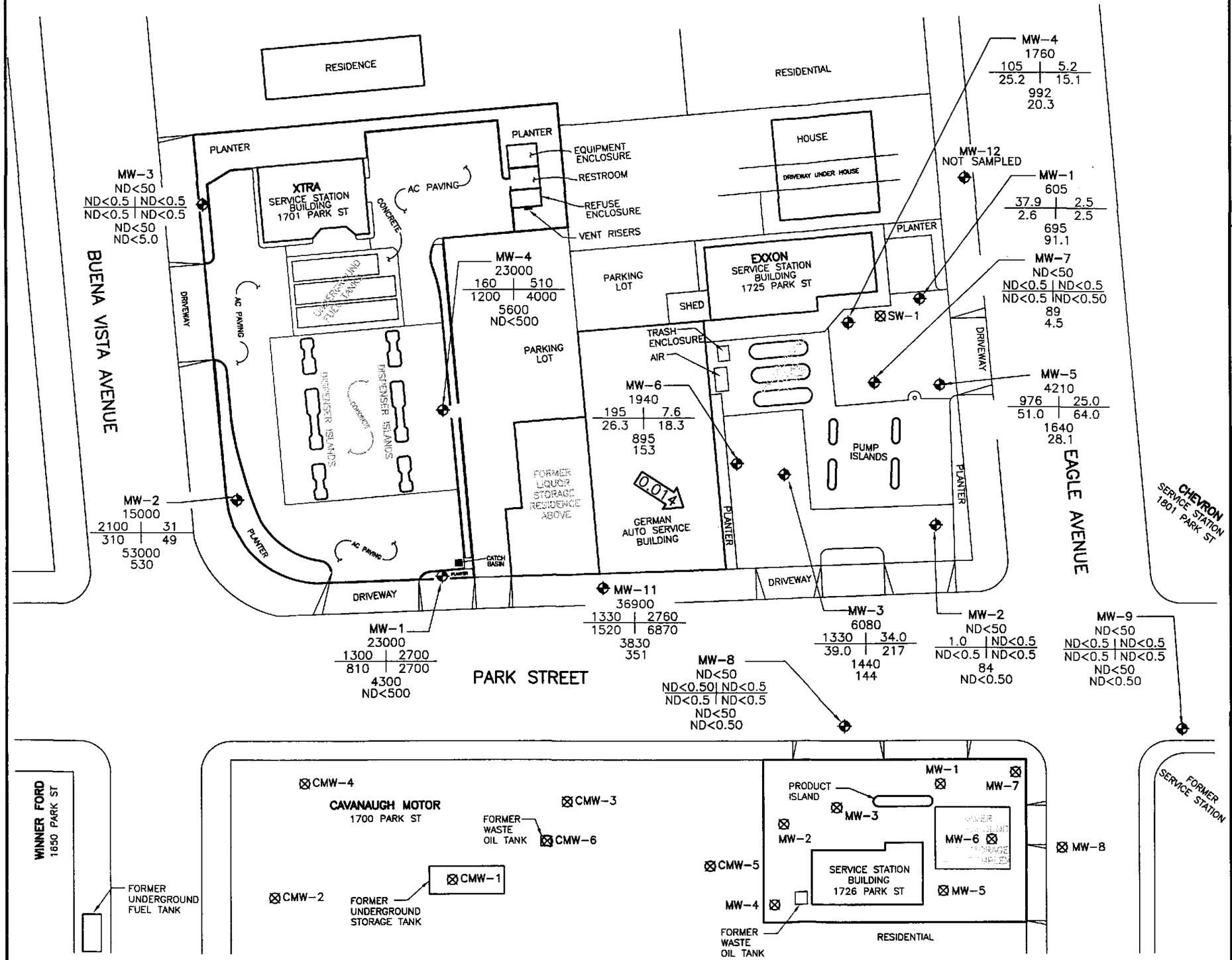
XTRA OIL COMPANY SERVICE STATION

1701 PARK STREET
ALAMEDA, CALIFORNIA

PROJECT NO. 10–210

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

10210_4_(06-14-05).DWG 07-20-05 DWE 1=40



N

0 40 80

SCALE IN FEET

LEGEND

◆	GROUNDWATER MONITORING WELL
⊠	DESTROYED WELL
----	PROPERTY LINE
TPH-G / B | T / E | X / TPH-D / MTBE	CONCENTRATION OF CONSTITUENTS IN MICROGRAMS PER LITER
TPH-G	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES
TPH-D	TOTAL PETROLEUM HYDROCARBONS AS DIESEL
MTBE	METHYL TERT BUTYL ETHER
ND	NOT DETECTED ABOVE REPORTED DETECTION LIMIT
NA	NOT APPLICABLE
0.022	CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

FIGURE 3

CONCENTRATIONS OF PETROLEUM HYDROCARBONS IN GROUNDWATER

JUNE 14, 2005

XTRA OIL COMPANY SERVICE STATION

1701 PARK STREET
ALAMEDA, CALIFORNIA

PROJECT NO. 10-210

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

10210E_(04-24-05).DWG 07-25-05 DME 1=40

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING
XTRA OIL COMPANY SERVICE STATION
1701 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-210

WELL ID	DATE OF MONITORING/ SAMPLING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	OTHER SVOCs (ug/l)	NAPTHALENE (ug/l)	BENZO-PYRENE (ug/l)	DO (ppm)	LAB
MW-1	11/04/94	19.60	8.6	—	10.96	60000	6400	13000	4900	1300	5500	—	—	—	—	—	MCC
QC-1 (c)	11/04/94	—	—	—	—	54000	—	12000	4500	1200	5200	—	—	—	—	—	MCC
MW-1	01/11/95	19.60	6.10	—	13.50	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	02/24/95	19.60	6.57	—	13.03	56000	4400	13000	7000	1400	5100	—	—	—	—	—	MCC
QC-1 (c)	02/24/95	—	—	—	—	43000	—	8900	4600	970	3300	—	—	—	—	—	MCC
MW-1	05/25/95	19.60	6.54	—	13.06	53000	4700	11000	5700	1200	4000	—	—	—	—	4.3	MCC
QC-1 (c)	05/25/95	—	—	—	—	48000	—	11000	5300	1200	3800	—	—	—	—	—	MCC
MW-1	08/30/95	19.60	8.15	—	11.45	14000	3700	5000	1100	3900	103	—	—	—	—	2.8	MCC
QC-1 (c)	08/30/95	—	—	—	—	57000	—	17000	7000	1500	5200	—	—	—	—	—	MCC
MW-1	11/16/95	19.60	8.79	—	10.81	100000	5900	22000	17000	2100	8500	—	—	—	—	—	MCC
QC-1 (c)	11/16/95	—	—	—	—	95000	—	20000	15000	1800	7800	—	—	—	—	—	MCC
MW-1	03/20/96	19.60	6.45	—	13.15	48000	3300	10000	6200	1100	3200	—	—	—	—	—	MCC
QC-1 (c)	03/20/96	—	—	—	—	42000	—	9800	5800	970	3000	—	—	—	—	—	MCC
MW-1	06/13/96	19.60	7.14	—	12.46	44000	5400	9500	5500	1100	4000	19000	—	—	—	—	MCC
QC-1 (c)	06/13/96	—	—	—	—	48000	—	9300	5600	1000	3800	17000	—	—	—	—	MCC
MW-1	09/23/96	19.60	7.56	—	12.04	76000	14000	14000	11000	1600	7100	17000	—	—	—	6.1	MCC
MW-1	12/19/96	19.60	7.08	—	12.52	46000	—	12000	5500	1200	4100	—	—	—	—	—	MCC
MW-1	05/09/97	19.60	7.39	—	12.21	80000	7500	14000	12000	1700	7600	14000	ND	280	ND<2	2.7	MCC/CHR
MW-1	09/11/97	19.60	7.50	—	12.10	100000	7700	19000	19000	2400	11000	ND<2100	—	—	—	7.2	MCC
MW-1	12/15/97	19.60	7.61	—	11.99	45000	3500	11000	5300	1500	5200	13000	—	—	—	6.8	MCC
QC-1 (c)	12/15/97	—	—	—	—	45000	—	11000	5400	1400	5100	14000	—	—	—	—	MCC
MW-1	03/11/98	19.60	5.35	—	14.25	40000	3600	5900	3900	1300	4900	8700	—	—	—	6	MCC
QC-1 (c)	03/11/98	—	—	—	—	43000	—	7200	5000	1400	5300	14000	—	—	—	—	MCC
MW-1	06/23/98	19.60	6.63	—	12.97	44000	3700	5900	6200	1800	6200	870	—	—	—	5.2	MCC
QC-1 (c)	06/23/98	—	—	—	—	47000	—	6000	6400	1800	6300	1000	—	—	—	—	MCC
MW-1	12/01/98	19.60	6.48	—	13.12	57000	—	7400	12000	2100	8200	7200	—	—	—	2.4	MCC
QC-1 (c)	12/01/98	—	—	—	—	57000	—	6800	11000	1900	7500	8300	—	—	—	—	MCC
MW-1	03/30/99	19.60	5.74	—	13.86	67000	6500	5700	9400	2500	9400	3200	—	—	—	2.1	MCC
QC-1 (c)	03/30/99	—	—	—	—	64000	6400	5500	9000	2400	9100	3100	—	—	—	—	MCC
MW-1	08/16/99	19.60	7.02	—	12.58	63000	—	3800	9100	2800	11000	ND<1700	—	—	—	1.3	MCC
QC-1 (c)	08/16/99	—	—	—	—	64000	—	3700	8800	2800	11000	ND<1400	—	—	—	—	MCC
MW-1	12/31/99	19.60	7.45	—	12.15	62000	5100	2900	9400	2700	11000	ND<100	—	—	—	8.3	MCC
QC-1 (c)	12/31/99	—	—	—	—	67000	4900	2900	9700	2800	12000	ND<100	—	—	—	—	MCC
MW-1	03/31/00	19.60	5.85	—	13.75	48000	490	3200	5500	2000	6700	520	—	—	—	7.9	MCC
QC-1 (c)	03/31/00	—	—	—	—	54000	3300	3500	6000	2300	7300	730	—	—	—	—	MCC
MW-1	07/14/00	19.60	7.00	—	12.60	78000	5700	5600	14000	2300	9500	ND<200	—	—	—	3.2	MCC
QC-1 (c)	07/14/00	—	—	—	—	72000	—	4900	14000	2100	9200	ND<200	—	—	—	—	MCC
MW-1	10/04/00	19.60	7.60	—	12.00	65000	2900	3800	11000	2400	8200	ND<100	—	—	—	1.4	MCC
QC-1 (c)	10/04/00	—	—	—	—	68000	—	3900	13000	2400	9300	ND<100	—	—	—	—	MCC
MW-1	12/21/00	19.60	6.91	—	12.69	74000	2500	3800	17000	3400	15000	ND<200	—	—	—	1.3	MCC
QC-1 (c)	12/21/00	—	—	—	—	69000	—	2700	12000	2400	11000	ND<550	—	—	—	—	MCC
MW-1	04/13/01	19.60	6.06	—	13.54	55000	2400	2900	7800	2400	9400	ND<900	—	—	—	0.8	MCC
QC-1 (c)	04/13/01	—	—	—	—	51000	—	2300	6100	2000	7900	ND<350	—	—	—	—	MCC
MW-1	06/27/01	19.60	6.54	—	13.06	80000	3600	2800	13000	2300	10000	ND<250	—	—	—	1.1	MCC
QC-1 (c)	06/27/01	—	—	—	—	76000	—	3100	13000	2300	10000	ND<250	—	—	—	—	MCC
MW-1	09/20/01	19.60	7.08	—	12.52	74000	6600	1600	7700	2500	10000	ND<200	—	—	—	0.8	MCC
QC-1 (c)	09/20/01	—	—	—	—	67000	—	1600	7800	2600	10000	ND<200	—	—	—	—	MCC
MW-1	12/21/01	19.60	5.71	—	13.89	58000	5500	2100	11000	2400	10000	ND<720	—	—	—	1.4	MCC
QC-1 (c)	12/21/01	—	—	—	—	56000	—	2100	11000	2300	10000	ND<620	—	—	—	—	MCC
MW-1	02/04/02	19.60	5.01	—	14.59	6500	1800	74	100	230	1500	140	—	—	—	4.1	MCC
QC-1 (c)	02/04/02	—	—	—	—	8000	—	90	130	270	1800	ND<500	—	—	—	—	MCC
MW-1	05/07/02	19.60	6.10	—	13.50	41000	7900	1300	5200	1700	6300	ND<1000	—	—	—	4.3	MCC
QC-1 (c)	05/07/02	—	—	—	—	40000	—	1300	5200	1700	6400	ND<500	—	—	—	—	MCC
MW-1	08/22/02	19.60	6.91	—	12.69	42000	4800	1100	6300	1900	7900	ND<500	—	—	—	4.9	MCC
QC-1 (c)	08/22/02	—	—	—	—	40000	—	1000	6100	1800	7500	ND<500	—	—	—	—	MCC
MW-1	11/08/02	19.60	6.46	—	13.14	38000	6800	770	4600	1600	6600	ND<1000	—	—	—	—	MCC
QC-1 (c)	11/08/02	—	—	—	—	49000	—	880	4800	1800	6700	ND<1700	—	—	—	—	MCC
MW-1	02/07/03	19.60	5.80	—	13.80	43000	3700	1600	6100	2100	9700	ND<500	—	—	—	1.1	MCC
MW-1	05/02/03	19.60	5.60	—	14.00	48000	4600	1100	5900	1800	7300	ND<1000	—	—	—	—	MCC
QC-1 (c)	05/02/03	—	—	—	—	—	—	1200	5800	1800	7100	ND<500	—	—	—	—	MCC
MW-1	08/14/03	19.60	6.81	—	12.79	42000	3800	1000	4700	2000	8100	ND<500	—	—	—	1.3	MCC
QC-1 (c)	08/14/03	—	—	—	—	43000	—	1000	4600	2000	7900	ND<500	—	—	—	—	MCC
MW-1	11/14/03	19.60	6.71	—	12.89	40000	3000	610	4900	1900	7600	ND<500	—	—	—	0.8	MCC
MW-1	03/01/04	19.60	5.22	—	14.38	20000	3000	540	2500	720	2900	ND<50	—	—	—	0.01	MCC
MW-1	06/30/04 (e)	19.60	6.38	—	13.22	39000	3000	570	2900	2100	9200	ND<500	—	—	—	—	MCC
QC-1 (c)	06/30/04	—	—	—	—	—	6800	550	3200	2100	9100	ND<500	—	—	—	—	MCC
MW-1	10/26/04	19.60	6.00	—	13.60	35000	4400	510	2900	1600	5700	ND<150	—	—	—	2.7	MCC
QC-1 (c)	10/26/04	—	—	—	—	—	—	450	2700	1600	5500	ND<150	—	—	—	—	MCC
MW-1	03/24/05	19.60	5.04	—	14.56	29000	3300	1300	5500	1200	4900	ND<500	—	—	—	2.7	MCC
QC-1 (c)	03/24/05	—	—	—	—	31000	—	830	3800	1000	4500	ND<210	—	—	—	—	MCC
MW-1	06/14/05	19.60	5.45	—	14.15	23000	4300	1300	2700	810	2700	ND<500	—	—	—	2.9	MCC
QC-1 (c)	06/14/05	—	—	—	—	—	—	1400	3100	810	2900	ND<250	—	—	—	—	MCC

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING
XTRA OIL COMPANY SERVICE STATION
1701 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-210

WELL ID	DATE OF MONITORING/ SAMPLING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	OTHER SVOCs (ug/l)	NAPTHALENE (ug/l)	BENZO-PYRENE (ug/l)	DO (ppm)	LAB
MW-2	11/04/94	20.31	9.12	0.16	11.31	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	01/11/95	20.31	6.75	—	13.56	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	02/24/95	20.31	7.11	0.18	13.34	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	05/25/95	20.31	7.01	0.01	13.31	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	08/30/95	20.31	8.58	0.12	11.82	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	11/16/95	20.31	9.07	0.01	11.25	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	03/20/96	20.31	6.79	0.01	13.53	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	06/13/96	20.31	7.41	0.01	12.91	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	09/23/96	20.31	7.83	0.01	12.49	30000	19000	4600	180	1500	4100	2600	—	—	—	5.5	MCC
QC-1 (c)	09/23/96	—	—	—	—	33000	—	4700	170	1600	3900	2400	—	—	—	—	MCC
MW-2	12/19/96	20.31	7.37	0.01	12.95	29000	—	1800	240	1400	5400	—	(d)	420	ND<10	—	MCC
QC-1 (c)	12/19/96	—	—	—	—	29000	—	580	210	1300	5100	—	—	—	—	—	MCC
MW-2	06/09/97	20.31	6.11	0.21	14.36	34000	6700000	4600	260	1500	4300	1600	—	—	—	3.7	MCC
MW-2	09/11/97	20.31	7.70	0.03	12.63	44000	1200000	3900	250	2400	7400	ND<610	—	—	—	6.5	MCC
QC-1 (c)	09/11/97	—	—	—	—	47000	1100000	4000	420	2700	8300	920	—	—	—	—	MCC
MW-2	12/15/97	20.31	7.87	0.03	12.46	32000	68000	4600	130	2200	5400	ND<470	—	—	—	6	MCC
MW-2	03/11/98	20.31	5.61	0.18	14.84	44000	3800	5200	220	2000	5000	1100	—	—	—	6.2	MCC
MW-2	06/23/98	20.31	6.74	0.02	13.59	75000	570000	5900	390	3100	8300	8400	—	—	—	6.3	MCC
MW-2	12/01/98	20.31	7.30	—	13.01	36000	—	3800	73	1500	3900	2000	—	—	—	1.9	MCC
MW-2	03/30/99	20.31	6.51	0.13	13.90	23000	23000	5000	100	610	870	21000	—	—	—	1.7	MCC
MW-2	08/16/99	20.31	8.04	0.21	12.43	30000	—	5200	67	1100	1800	6000	—	—	—	2.6	MCC
MW-2	12/31/99	20.31	8.20	0.01	12.12	43000	340000	7600	97	1400	2500	4300	—	—	—	9.0	MCC
MW-2	03/31/00	20.31	6.29	0.01	14.03	26000	200000	4000	58	1100	1500	13000	—	—	—	8.1	MCC
MW-2	07/14/00	20.31	8.02	—	12.29	35000	170000	5000	76	1100	2500	4900	—	—	—	3.9	MCC
MW-2	10/04/00	20.31	8.62	—	11.69	22000	67000	4700	97	1300	1000	1900	—	—	—	1.8	MCC
MW-2	12/21/00	20.31	7.70	—	12.61	23000	16000	7500	85	770	490	8600	—	220	ND<10	0.6	MCC
MW-2	04/13/01	20.31	7.05	—	13.26	25000	21000	6400	79	790	670	8300	—	—	—	1.1	MCC
MW-2	06/27/01	20.31	7.50	—	12.81	34000	10000	5400	100	520	370	6800	—	—	—	0.7	MCC
MW-2	09/20/01	20.31	8.10	—	12.21	28000	64000	4600	78	670	500	2000	—	—	—	0.4	MCC
MW-2	12/21/01	20.31	6.66	—	13.65	30000	18000	3000	52	1700	970	ND<100	—	—	—	0.9	MCC
MW-2	02/04/02	20.31	6.75	—	13.56	17000	35000	3600	ND<50	960	500	1200	—	—	—	1.3	MCC
MW-2	05/07/02	20.31	7.20	—	13.11	16000	59000	3500	43	520	220	3100	—	—	—	1.0	MCC
MW-2	08/22/02	20.31	7.96	—	12.35	15000	60000	2700	30	460	220	700	—	—	—	4.2	MCC
MW-2	11/08/02	20.31	7.69	—	12.62	15000	100000	2100	60	1100	150	ND<250	—	—	—	—	MCC
MW-2	02/07/03	20.31	6.52	—	13.79	11000	—	4400	24	ND<12	77	1900	—	—	—	0.7	MCC
MW-2	05/02/03	20.31	6.40	—	13.91	16000	79000	1800	23	860	210	ND<350	—	—	—	—	MCC
MW-2	08/14/03	20.31	7.77	—	12.54	13000	4300	1600	21	450	80	ND<400	—	—	—	0.9	MCC
MW-2	11/14/03	20.31	7.85	—	12.46	12000	13000	1700	29	600	100	ND<600	—	—	—	0.7	MCC
MW-2	03/01/04	20.31	6.10	—	14.21	17000	43000	3900	100	870	430	1800	—	—	—	0.42	MCC
MW-2	06/30/04 (e)	20.31	7.61	—	12.70	14000	12000	3800	33	390	72	1900	—	—	—	0.42	MCC
MW-2	10/26/04	20.31	7.12	—	13.19	14000	7900	3700	47	300	100	1700	—	—	—	—	MCC
MW-2	03/24/05	20.31	5.78	—	14.53	15000	57000	3000	ND<25	400	58	ND<900	—	—	—	—	MCC
MW-2	06/14/05	20.31	6.92	—	13.39	15000	53000	2100	31	310	49	530	—	—	—	0.8	MCC

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING
XTRA OIL COMPANY SERVICE STATION
1701 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-210

WELL ID	DATE OF MONITORING/ SAMPLING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	OTHER SVOCs (ug/l)	NAPTHALENE (ug/l)	BENZO-PYRENE (ug/l)	DO (ppm)	LAB
MW-3	11/04/94	20.57	8.92	—	11.65	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
MW-3	01/11/95	20.57	5.67	—	14.90	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	02/24/95	20.57	6.11	—	14.46	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
MW-3	05/25/95	20.57	6.24	—	14.33	91	ND<50	28.0	12.0	2.1	6.5	—	—	—	—	—	MCC
MW-3	08/30/95	20.57	8.27	—	12.30	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	4.6	MCC
MW-3	11/16/95	20.57	8.82	—	11.75	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
MW-3	03/20/96	20.57	5.44	—	15.13	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
MW-3	06/13/96	20.57	6.17	—	14.40	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	MCC
MW-3	09/23/96	20.57	6.57	—	14.00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	4.9	MCC
MW-3	12/19/96	20.57	6.59	—	13.98	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
MW-3	05/09/97	20.57	7.00	—	13.57	ND<50	59	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	3.3	MCC
MW-3	09/11/97	20.57	6.92	—	13.65	ND<50	82	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	7	MCC
MW-3	12/15/97	20.57	7.03	—	13.54	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	6.5	MCC
MW-3	03/11/98	20.57	4.71	—	15.86	ND<50	ND<50	ND<0.5	1.8	0.6	3.1	ND<5.0	—	—	—	6.1	MCC
MW-3	06/23/98	20.57	6.33	—	14.24	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	5.7	MCC
MW-3	12/01/98	20.57	6.74	—	13.83	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	4	MCC
MW-3	03/30/99	20.57	5.68	—	14.89	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	4.6	MCC
MW-3	08/16/99	20.57	7.67	—	12.90	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	2.7	MCC
MW-3	12/31/99	20.57	8.07	—	12.50	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	9.0	MCC
MW-3	03/31/00	20.57	5.59	—	14.98	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	2.8	MCC
MW-3	07/14/00	20.57	7.64	—	12.93	68	ND<50	0.89	1.7	2.1	9.5	ND<5.0	—	—	—	2.1	MCC
MW-3	10/04/00	20.57	8.34	—	12.23	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	2.0	MCC
MW-3	12/21/00	20.57	7.00	—	13.57	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	1.4	MCC
MW-3	04/13/01	20.57	6.38	—	14.19	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	1.3	MCC
MW-3	06/27/01	20.57	7.37	—	13.20	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	1.9	MCC
MW-3	09/20/01	20.57	8.25	—	12.32	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	2.1	MCC
MW-3	12/21/01	20.57	5.72	—	14.85	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	2.9	MCC
MW-3	02/04/02	20.57	5.85	—	14.72	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	4.1	MCC
MW-3	05/07/02	20.57	6.49	—	14.08	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	4.0	MCC
MW-3	08/22/02	20.57	7.93	—	12.64	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	4.6	MCC
MW-3	11/08/02	20.57	7.67	—	12.90	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	MCC
MW-3	02/07/03	20.57	5.95	—	14.62	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	2.8	MCC
MW-3	05/02/03	20.57	5.75	—	14.82	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	—	MCC
MW-3	08/14/03	20.57	7.74	—	12.83	ND<50	ND<50	1.6	ND<0.5	0.82	3.2	ND<5.0	—	—	—	2.1	MCC
MW-3	11/14/03	20.57	7.75	—	12.82	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	0.8	MCC
MW-3	03/01/04	20.57	5.17	—	15.40	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	0.92	MCC
MW-3	06/30/04 (e)	20.57	7.48	—	13.09	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	0.92	MCC
MW-3	10/26/04	20.57	6.47	—	14.10	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	3.0	MCC
MW-3	03/24/05	20.57	4.70	—	15.87	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	3.0	MCC
MW-3	06/14/05	20.57	5.99	—	14.58	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	—	—	—	2.7	MCC

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING
XTRA OIL COMPANY SERVICE STATION
1701 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-210

WELL ID	DATE OF MONITORING/ SAMPLING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	OTHER SVOCs (ug/l)	NAPTHALENE (ug/l)	BENZO-PYRENE (ug/l)	DO (ppm)	LAB
MW-4	05/09/97	19.69	7.17	—	12.52	31000	15000	540	1300	1000	4500	1900	ND	2.1	ND<2	3.1	MCC/CHR
MW-4	09/11/97	19.69	7.71	—	11.98	40000	6500	2000	3100	1700	7700	3400	—	—	—	6.4	MCC
MW-4	12/15/97	19.69	7.87	—	11.82	14000	2100	910	690	390	2700	1700	—	—	—	6	MCC
MW-4	03/11/98	19.69	3.51	—	16.18	2800	780	68	94	72	430	140	—	—	—	5.5	MCC
MW-4	06/23/98	19.69	5.21	—	14.48	15000	2800	240	630	720	2700	370	—	—	—	5.4	MCC
MW-4	12/01/98	19.69	6.45	—	13.24	21000	—	580	1000	530	3600	1700	—	—	—	4.4	MCC
MW-4	03/30/99	19.69	5.41	—	14.28	41000	3600	3100	3400	1700	6700	5700	—	—	—	4.6	MCC
MW-4	08/16/99	19.69	7.35	—	12.34	24000	—	4600	940	1200	2700	9700	—	—	—	3.4	MCC
MW-4	12/31/99	19.69	7.71	—	11.98	14000	2000	510	630	600	3100	3500	—	—	—	10.1	MCC
MW-4	03/31/00	19.69	5.22	—	14.47	14000	1400	470	480	580	2200	2000	—	—	—	6.8	MCC
MW-4	07/14/00	19.69	7.31	—	12.38	37000	4300	770	1500	1800	7200	1700	—	—	—	3.3	MCC
MW-4	10/04/00	19.69	7.11	—	12.58	47000	3200	870	2000	2600	9800	ND<1500	—	—	—	1.7	MCC
MW-4	12/21/00	19.69	6.86	—	12.83	13000	1800	370	410	460	2300	1500	—	88	ND<10	0.6	MCC
MW-4	04/13/01	19.69	6.02	—	13.67	20000	2800	710	640	620	2900	2300	—	—	—	1.0	MCC
MW-4	06/27/01	19.69	6.72	—	12.97	23000	2100	510	1100	1100	4300	1400	—	—	—	1.0	MCC
MW-4	09/20/01	19.69	7.30	—	12.39	36000	4400	460	1300	1700	6700	1000	—	—	—	2.0	MCC
MW-4	12/21/01	19.69	4.55	—	15.14	11000	5600	130	250	480	2400	ND<320	—	—	—	1.6	MCC
MW-4	02/04/02	19.69	5.82	—	13.87	50000	12000	3000	8100	1900	7600	ND<500	—	—	—	2.0	MCC
MW-4	05/07/02	19.69	6.08	—	13.61	17000	3200	270	820	870	3700	ND<500	—	—	—	2.6	MCC
MW-4	08/22/02	19.69	7.45	—	12.24	26000	3800	720	920	1500	6500	2100	—	—	—	4.6	MCC
MW-4	11/08/02	19.69	6.74	—	12.95	20000	3600	290	630	1200	5100	670	—	—	—	—	MCC
MW-4	02/07/03	19.69	4.86	—	14.83	13000	—	520	1300	ND<25	3600	420	—	—	—	2.1	MCC
QC-1 (c)	02/07/03	—	—	—	—	13000	—	510	1200	83	3100	420	—	—	—	—	MCC
MW-4	05/02/03	19.69	5.45	—	14.24	19000	3600	280	550	810	3600	470	—	—	—	—	MCC
MW-4	08/14/03	19.69	7.20	—	12.49	31000	4100	720	810	1300	6400	1100	—	—	—	1.2	MCC
MW-4	11/14/03	19.69	6.92	—	12.77	18000	3300	400	320	1000	4500	ND<1000	—	—	—	0.7	MCC
QC-1 (c)	11/14/03	—	—	—	—	—	—	440	310	1100	4500	ND<1000	—	—	—	—	MCC
MW-4	03/01/04	19.69	5.10	—	14.59	15000	2500	110	210	580	2700	240	—	—	—	0.61	MCC
QC-1 (c)	03/01/04	—	—	—	—	15000	—	110	220	610	2800	250	—	—	—	—	MCC
MW-4	06/30/04 (e)	19.69	6.70	—	12.99	23000	5800	330	550	1300	5200	ND<900	—	—	—	0.61	MCC
MW-4	10/26/04	19.69	6.05	—	13.64	19000	3800	150	380	950	3800	ND<300	—	—	—	2.0	MCC
MW-4	03/24/05	19.69	4.23	—	15.46	6600	1900	62	29	190	960	ND<120	—	—	—	2.0	MCC
MW-4	06/14/05	19.69	5.58	—	14.11	23000	5600	160	510	1200	4000	ND<500	—	—	—	2.1	MCC
QC-2 (f)	11/04/94	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
QC-2 (f)	02/24/95	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
QC-2 (f)	05/25/95	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
QC-2 (f)	08/30/95	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
QC-2 (f)	11/16/95	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
QC-2 (f)	03/20/96	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC
QC-2 (f)	06/13/96	—	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—	—	MCC

ABBREVIATIONS:

TPH-G	Total petroleum hydrocarbons as gasoline using EPA Methods 5030/8015
TPH-D	Total petroleum hydrocarbons as diesel using EPA Methods 3510/8015
B	Benzene using EPA Methods 5030/8020
T	Toluene using EPA Methods 5030/8020
E	Ethylbenzene using EPA Methods 5030/8020
X	Total xylenes using EPA Methods 5030/8020
MTBE	Methyl tert butyl ether using EPA Methods 5030/8020
SVOCs	Semivolatile organic compounds using EPA Method 8270
DO	Dissolved oxygen
ug/l	Micrograms per liter
ppm	Parts per million
—	Not analyzed/applicable/measurable
ND	Not detected above reported detection limit
MCC	McCampbell Analytical, Inc.
CHR	Chromalab, Inc.

NOTES:

(a) Top of casing surveyed relative to mean sea level.

(b) Groundwater elevations expressed in feet above mean sea level, and adjusted assuming a specific gravity of 0.75 for free product.

(c) Blind duplicate.

(d) Other SVOCs detected at concentrations of 200 ug/l 2-methylnapthalene and 14 ug/l phenanthrene.

(e) Wells monitored 6/15/04.

(f) Travel blank.

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California
(Page 1 of 12)

Well ID # (TOC)	Sampling Date	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					<----------			ug/L			---------->
MW1	09/12/94	NLPH	7.11	10.24	—	1,600a	—	200	1.9	210	6.6
(17.35)	10/01/94	NLPH	7.44	9.91	—	1,400a	—	200	<0.5	160	6.6
	01/13/95	NLPH	5.13	12.22	—	2,100a	—	410b	17	260b	89
	04/27/95	NLPH	6.57	10.78	—	4,700	—	460	41	340	270
	08/03/95	NLPH	7.46	9.89	—	1,900	30	140	<5.0	160	9.9
	10/17/95	NLPH	7.67	9.68	—	280	5.5	6.2	<0.5	13	0.75
	01/24/96	NLPH	6.52	10.83	—	740	440	21	1.4	38	3.1
	04/24/96	NLPH	5.95	11.40	—	7,800	250	200	110	1,000	740
	07/26/96	NLPH	7.60	9.75	—	620	23	8.0	0.99	26	1.0
	10/30/96	NLPH	6.06	9.29	—	700	33	14	2.9	85	3.5
	01/31/97	NLPH	5.12	12.23	—	7,600	<200	420	33	1,400	480
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	NLPH	7.54	9.81	—	580	12	10	<0.5	<0.5	<0.5
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	4.48	12.87	—	820	<2.5c	110	2.8	170	14
	04/14/98	—	4.69	12.66	—	—	—	—	—	—	—
	07/30/98	NLPH	6.19	11.16	—	2,700	41	210	<5.0	550	<5.0
	10/19/98	NLPH	6.72	10.63	—	—	—	—	—	—	—
	01/13/99	NLPH	6.52	10.83	—	491	9.78	8.6	<0.5	<0.5	<0.5
	04/28/99	—	5.37	11.98	—	—	—	—	—	—	—
	07/09/99	NLPH	6.39	10.96	—	1,030	10.6	114	8.07	184	0.644
	10/25/99	NLPH	6.68	10.67	—	—	—	—	—	—	—
	01/21/00	NLPH	6.20	11.15	—	<50	5.1	<1.0	<1.0	<1.0	<1.0
	04/14/00	NLPH	5.18	12.17	—	—	—	—	—	—	—
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	NLPH	5.93	11.42	—	88	200	4.3	<0.5	0.61	<0.5
	10/03/00	NLPH	6.51	10.84	—	<50	240	0.72	<0.5	<0.5	<0.5
	01/02/01	NLPH	6.17	11.18	—	<50	68	0.75	<0.5	<0.5	<0.5
	04/02/01	NLPH	7.42	9.93	—	140	4.3	<0.5	<0.5	4.1	1.1
	07/02/01	NLPH	6.27	11.08	—	74	14	<0.5	<0.5	<0.5	<0.5
	10/15/01	NLPH	6.64	10.71	—	110	83	2.6	<0.5	<0.5	<0.5
(17.29)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										
	02/04/02	NLPH	5.08	12.21	52.0	75.0	67.1	0.70	<0.50	0.50	<0.50
	05/06/02	NLPH	5.48	11.81	129	793	702/1,004g	8.6	<0.5	0.5	1.1
	08/22/02	NLPH	7.14	10.15	602	1,150	181	120	0.8	9.0	3.6
	11/08/02	NLPH	6.19	11.10	504	947	182	95.6	4.0	3.7	2.7
	02/07/03	NLPH	6.00	11.29	610	1,190	284	89.7	3.8	45.3	13.2
	05/02/03	NLPH	5.76	11.53	797	1,020	296	75.8	9.0	5.7	11.9
	08/14/03	NLPH	7.04	10.25	531e	822	201	33.9	2.8	1.5	1.9
	11/14/03	NLPH	6.41	10.88	560e	574	276	19.8	1.8	2.0	2.2
	03/01/04	NLPH	4.83	12.66	785e	1,430	895	46.2	3.1	14.2	9.2
	06/15/04	NLPH	6.05	11.24	204e	621	668	11.1	<0.5	<0.5	<0.5
	09/13/04	NLPH	6.62	10.67	221e	754	479	34.4	1.5	1.1	1.2
	12/22/04	NLPH	5.67	11.62	288e,h	775	253	38.8	1.0	1.8	0.8
	03/24/05	NLPH	4.63	12.66	471e	952	120g	41.6	1.4	12.8	6.0
	06/14/05	NLPH	5.55	11.74	695e	605	91.1g	37.9	2.5	2.6	2.5
MW2	09/12/94	NLPH	6.71	9.96	—	31,000a	—	4,400	120	1,700	2,100
(16.67)	10/01/94	NLPH	7.22	9.45	—	45,000a	—	4,500	250	1,800	2,400
	01/13/95	NLPH	4.46	12.21	—	—	—	—	—	—	—
	04/27/95	NLPH	6.92	9.75	—	44,000	—	7,000	840	2,400	3,400
	08/03/95	NLPH	6.96	9.71	—	30,000	37,000	4,600	170	1,600	1,100
	10/17/95	NLPH	7.83	8.84	—	45,000	14,000	5,400	190	2,000	1,500
	01/24/96	NLPH	5.45	10.22	—	30,000	4,100	5,000	810	2,200	2,200
	04/24/96	NLPH	6.00	10.67	—	34,000	22,000	8,700	410	2,200	2,000
	07/26/96	NLPH	7.14	9.53	—	40,000	18,000	10,000	<200	1,800	760
	10/30/96	NLPH	6.85	9.72	—	43,000	18,000	9,100	<250	2,400	730
	01/31/97	NLPH	5.07	11.60	—	28,000	8,000c	2,400	630	1,500	3,300

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					<----------			ug/L			---------->
MW2 (cont.)	04/10/97	—	—	—	—	—	—	—	—	—	—
(16.67)	07/10/97	NLPH	7.34	9.33	—	18,000	2,600	2,900	82	1,500	530
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	4.46	12.21	—	29,000	28,000c	5,600	410	1,500	720
	04/14/98	—	4.48	12.19	—	—	—	—	—	—	—
	07/30/98	NLPH	8.01	10.66	—	24,000	6,300	7,500	<200	1,300	280
	10/19/98	NLPH	6.35	10.32	—	—	—	—	—	—	—
	01/13/99	NLPH	6.54	10.13	—	18,400	2,200	4,750	211	1,760	45.3
	04/28/99	—	5.54	11.13	—	—	—	—	—	—	—
	07/09/99	NLPH	6.45	10.22	—	14,100	3,410	4,270	80.1	1,300	339
	10/25/99	—	—	—	—	—	—	—	—	—	—
	01/21/00	—	—	—	—	—	—	—	—	—	—
	02/11/00	NLPH	—	—	—	<50	15	<1.0	<1.0	<1.0	<1.0
	04/14/00	NLPH	4.69	11.98	—	—	—	—	—	—	—
	05/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	NLPH	5.44	11.23	—	150	86	15	<0.5	6.2	2.8
	10/03/00	NLPH	6.31	10.36	—	200	2,500	35	0.51	5.1	12
	01/02/01	—	—	—	—	—	—	—	—	—	—
	04/02/01	NLPH	5.00	11.67	—	<50	680	3.6	<0.5	<0.5	<0.5
	07/02/01	NLPH	5.62	11.05	—	1,400	890	13	1.1	<0.5	1.1
	10/15/01	NLPH	7.55	9.12	—	620	1,900	190	3.5	4.5	7
(16.39)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										
	02/04/02	NLPH	4.71	11.68	69.0	122	7.10	31.4	5.40	9.10	10.4
	05/06/02	NLPH	5.08	11.31	252	1,250	646/958.0g	125	22.5	68.2	63.1
	08/22/02	NLPH	6.88	9.51	178	1,270	652	269	<0.5	4.3	10.6
	11/06/02	NLPH	6.20	10.19	83	158	177	14.0	0.7	0.6	1.0
	02/07/03	NLPH	5.72	10.67	<50	173	78.1	43.1	3.4	4.5	5.5
	05/02/03	NLPH	4.18	12.21	56	60.0	50.5	4.10	<0.5	0.6	1.4
	08/14/03	NLPH	6.00	10.39	62e	1,080	506	143	1.1	0.7	2.0
	11/14/03	NLPH	5.81	10.58	132e	362	93.9	74.0	0.6	1.6	3.7
	03/01/04	NLPH	3.86	12.53	<100	<50.0	1.40	4.80	1.1	1.1	5.1
	06/15/04	NLPH	5.30	11.09	<50	<50.0	1.1	2.00	2.5	0.5	3.3
	09/13/04	NLPH	5.81	10.58	57e	<50.0	10.7	1.60	<0.5	<0.5	2.5
	12/22/04	NLPH	5.17	11.22	69e,h	<50.0	0.9	0.70	<0.5	<0.5	0.8
	03/24/05	NLPH	3.81	12.58	78e	54.0	0.80g	6.30	0.5	1.1	1.5
	06/14/05	NLPH	4.89	11.50	84e	<50.0	<0.50	1.00	<0.5	<0.5	<0.5
MW3	09/12/94	NLPH	6.58	10.53	—	3,100a	—	580	8	340	100
(17.11)	10/01/94	NLPH	6.85	10.26	—	3,600a	—	640	11	230	130
	01/13/95	NLPH	5.27	11.84	—	3,600a	—	690	24	210	130
	04/27/95	NLPH	6.05	11.06	—	7,500	—	940	35	810	530
	08/03/95	NLPH	6.71	10.40	—	1,900	24	380	<5.0	140	45
	10/17/95	NLPH	7.46	9.65	—	6,100	<5.0	950	29	230	190
	01/24/96	NLPH	5.83	11.28	—	3,000	<100	730	15	190	110
	04/24/96	NLPH	5.38	11.73	—	11,000	<100	1,200	130	1,000	1,400
	07/26/96	NLPH	6.80	10.31	—	2,500	250	800	16	24	58
	10/30/96	NLPH	7.20	9.91	—	5,200	2,900	1,300	28	170	180
	01/31/97	NLPH	4.31	12.80	—	—	—	—	—	—	—
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	—	—	—	—	—	—	—	—	—	—
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	4.03	13.08	—	—	—	—	—	—	—
	04/14/98	NLPH	3.80	13.31	—	—	—	—	—	—	—
	07/30/98	NLPH	5.84	11.27	—	—	—	—	—	—	—
	10/19/98	NLPH	6.25	10.86	—	—	—	—	—	—	—
	01/13/99	NLPH	6.14	10.97	—	—	—	—	—	—	—
	04/28/99	—	4.95	12.16	—	—	—	—	—	—	—
	07/09/99	—	—	—	—	—	—	—	—	—	—

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					←			ug/L			→
MW3 (cont.)	10/25/99	—	—	—	—	—	—	—	—	—	—
(17.11)	01/21/00	—	—	—	—	—	—	—	—	—	—
	04/14/00	—	—	—	—	—	—	—	—	—	—
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	—	—	—	—	—	—	—	—	—	—
	10/03/00	—	—	—	—	—	—	—	—	—	—
	01/02/01	NLPH	5.78	11.33	560d	2,700	3,100	1300	8.8	11	21.3
	04/02/01	NLPH	4.71	12.40	620	3,700	1,400	1,400	11	38	21
	07/02/01	NLPH	5.82	11.29	880	5,300	1,200	1,300	32	30	730
	10/15/01	NLPH	6.12	10.99	210e	2,300	1,800	630	2.5	8.2	3.34
(17.02)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										
	02/04/02	NLPH	4.59	12.43	402	8,830	1,420	2,300	166	150	158
	05/06/02	NLPH	4.84	12.18	1,300	7,950	544/967.0g	1,930	18.0	80.0	648
	08/22/02	NLPH	6.42	10.60	416	2,270	298	506	3.5	8.0	6.5
	11/08/02	NLPH	5.66	11.36	193	1,640	470	330	1.8	4.9	2.7
	02/07/03	NLPH	4.99	12.03	600	1,360	662	328	6.5	9.0	35.0
	05/02/03	NLPH	4.73	12.29	562	2,500	300	306	4.8	17.5	29.1
	08/14/03	NLPH	6.02	11.00	227e	2,040	367	358	3.4	3.9	3.2
	11/14/03	NLPH	6.01	11.01	280e	1,880	794	244	2.6	3.7	4.5
	03/01/04	NLPH	3.71	13.31	484e	3,860	288	865	11.5	22.5	20.5
	06/15/04	NLPH	5.28	11.74	866e	9,980	180	1,120	82.0	86.0	1,740
	09/13/04	NLPH	5.91	11.11	390e	1,640	183	454	4.8	8.7	6.8
	12/22/04	NLPH	4.88	12.14	209e,h	1,770	44.9	230	2.8	8.2	9.2
	03/24/05	NLPH	3.59	13.43	608e	4,800	128g	930	45.1	59.6	425
	06/14/05	NLPH	4.71	12.31	1,440e	6,080	144g	1,330	34.0	39.0	217
MW4	09/12/94	NLPH	6.80	10.54	—	5,200a	—	900	57	310	490
(17.34)	10/01/94	NLPH	7.09	10.25	—	9,100a	—	1,200	66	360	380
	01/13/95	NLPH	4.66	12.68	—	25,000a	—	1,300	200	550	1,000
	04/27/95	NLPH	5.54	11.80	—	5,900	—	650	130	350	590
	08/03/95	NLPH	6.92	10.42	—	4,200	5,700	1,000	<12	170	140
	10/17/95	NLPH	7.50	9.84	—	6,900	1,700	1,300	30	360	380
	01/24/96	NLPH	5.81	11.53	—	6,300	830	1,900	46	290	330
	04/24/96	NLPH	5.44	11.90	—	5,000	1,600	1,800	<20	190	130
	07/26/96	NLPH	7.03	10.31	—	9,100	1,200	1,700	<25	340	280
	10/30/96	NLPH	7.57	9.77	—	5,300	1,500	1,100	35	420	300
	01/31/97	NLPH	4.22	13.12	—	6,500	40,000	1,200	28	490	130
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	NLPH	7.56	9.78	—	10,000	11,000	1,100	120	470	720
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	3.70	13.64	—	1,700	4,900c	450	6.8	220	73
	04/14/98	—	3.81	13.53	—	—	—	—	—	—	—
	07/30/98	NLPH	5.96	11.38	—	2,900	2,800	680	<10	220	56
	10/19/98	NLPH	6.51	10.83	—	—	—	—	—	—	—
	01/13/99	NLPH	6.24	11.10	—	2,140	1,800	146	<10	60.9	16.2
	04/28/99	—	4.80	12.54	—	—	—	—	—	—	—
	07/09/99	NLPH	6.04	11.30	—	1,300	1,310	322	<2.5	76.1	<2.5
	10/25/99	NLPH	6.51	10.83	—	—	—	—	—	—	—
	01/21/00	NLPH	5.75	11.59	—	2,200	1,000	410	3.70	40	14.4
	04/14/00	NLPH	4.39	12.95	—	—	—	—	—	—	—
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	NLPH	5.48	11.86	—	1,600	260	400	3.9	100	84
	10/03/00	NLPH	6.22	11.12	—	1,600	190	280	2	64	34.10
	01/02/01	NLPH	5.93	11.41	—	840	1,000	210	2.5	45	28.10
	04/02/01	NLPH	4.89	12.45	—	1,900	320	340	8.5	110	116
	07/02/01	NLPH	5.83	11.51	—	100	<2	3.9	<0.5	0.65	<0.5
	10/15/01	NLPH	6.36	10.98	—	930	360	140	7	24	10
(17.29)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					<--------			ug/L			-------->
MW4 (cont.)	02/04/02	NLPH	4.35	12.94	774	1,250	46.1	124	4.40	46.7	43.5
(17.29)	05/06/02	NLPH	4.95	12.34	776	2,040	1,410/2,120g	165	5.0	42.0	39.0
	08/22/02	NLPH	6.65	10.64	445	1,570	1,070	73.3	<0.5	9.9	6.8
	11/08/02	NLPH	5.60	11.69	680	2,340	1,200	169	4.3	34.9	23.3
	02/07/03	NLPH	4.97	12.32	429	2,250	872	125	24.9	80.0	109
	05/02/03	NLPH	4.92	12.37	631	2,450	1,230	82.9	2.8	26.4	24.7
	08/14/03	NLPH	6.35	10.94	444	1,160	286	97.0	2.8	14.6	7.4
	11/14/03	NLPH	f	f	f	f	f	f	f	f	f
	03/01/04	NLPH	3.65	13.64	571e	1,860	66.7	104	4.4	38.3	25.4
	06/15/04	NLPH	5.60	11.69	453e	832	35.0	63.8	1.6	7.3	5.9
	09/13/04	NLPH	6.23	11.06	444e	1,120	93.4	126	3.9	17.8	9.7
	12/22/04	NLPH	5.01	12.28	561e,h	1,600	31.2	105	3.9	24.8	13.3
	03/24/05	NLPH	3.64	13.65	756e	2,120	255g	94.9	4.9	44.6	32.3
	06/14/05	NLPH	4.84	12.45	992e	1,760	20.3g	105	5.2	25.2	15.1
MW5	09/12/94	NLPH	7.12	9.59	—	10,000a	—	2,300	17	320	230
(16.71)	10/01/94	Sheen	7.06	9.65	—	11,000a	—	2,300	19	220	200
	01/13/95	Sheen	4.85	11.86	—	—	—	—	—	—	—
	04/27/95	NLPH	6.51	10.20	—	14,000	—	2,200	72	540	350
	08/03/95	NLPH	7.24	9.47	—	<10,000	39,000	2,100	<100	210	<100
	10/17/95	NLPH	7.80	8.91	—	13,000	38,000	1,800	14	240	170
	01/24/96	NLPH	6.66	10.05	—	10,000	20,000	2,400	79	340	190
	04/24/96	NLPH	5.80	10.91	—	13,000	33,000	3,700	120	520	170
	07/26/96	NLPH	7.67	9.04	—	15,000	140,000	3,400	53	280	76
	10/30/96	NLPH	7.77	8.94	—	10,000	110,000a	2,600	76	250	150
	01/31/97	NLPH	4.90	11.81	—	10,000	34,000c	2,400	66	430	140
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	NLPH	7.65	9.06	—	9,800	36,000/52,000c	1,400	120	190	120
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	3.95	12.76	—	6,500	15,000c	1,500	34	73	57
	04/14/98	—	4.30	12.41	—	—	—	—	—	—	—
	07/30/98	NLPH	5.86	10.85	—	8,300	4,300	1,700	26	110	66
	10/19/98	NLPH	6.20	10.51	—	—	—	—	—	—	—
	01/13/99	NLPH	6.37	10.34	—	4,780	3,650	1,240	11.1	<10	<10
	04/28/99	—	5.25	11.46	—	—	—	—	—	—	—
	07/09/99	NLPH	6.08	10.63	—	4,360	2,360	1,780	18.6	45	<5.0
(16.71)	10/25/99	NLPH	6.46	10.25	—	—	—	—	—	—	—
	01/21/00	NLPH	5.79	10.92	—	2,600	3,100	720	4.7	25	11.3
	04/14/00	NLPH	4.57	12.14	—	—	—	—	—	—	—
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	NLPH	5.37	11.34	—	5,100	380	1,800	14	52	34
	10/03/00	NLPH	5.93	10.78	—	5,800	630	2,000	8.9	59	21
	01/02/01	NLPH	5.68	11.03	—	4,800	1,100	1,600	9.6	38	15
	04/02/01	NLPH	4.87	11.84	—	5,800	1,500	2,000	40	150	49
	07/02/01	NLPH	5.77	10.94	—	4,100	960	1,600	20	35	21
	10/15/01	NLPH	6.15	10.56	—	3,900	1,000	1,400	8.7	17	15.7
(16.64)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										
	02/04/02	NLPH	4.69	11.95	976	4,380	620	1,440	38.0	84.0	50.0
	05/06/02	NLPH	5.00	11.64	1,360	3,810	764/1,220g	1,110	20.0	26.0	28.0
	08/22/02	NLPH	6.96	9.68	695	3,190	545	823	9.0	11.0	31.0
	11/08/02	NLPH	5.31	11.33	645	3,360	746	1,050	9.4	11.1	17.8
	02/07/03	NLPH	5.75	10.89	689	3,550	400	1,100	25.0	65.0	29.0
	05/02/03	NLPH	5.34	11.30	934	4,070	439	818	16.9	31.9	28.6
	08/14/03	NLPH	6.37	10.27	986e	3,860	286	912	15.6	16.2	24.0
	11/14/03	NLPH	6.01	10.63	1,000e	3,450	198	841	15.0	14.8	17.4
	03/01/04	NLPH	4.04	12.60	711e	3,160	52.7	767	21.5	32.5	26.5
	06/15/04	NLPH	5.47	11.17	600e	4,520	52.0	930	14.5	17.5	24.5
	09/13/04	NLPH	5.99	10.65	686e	3,960	70.0	998	12.0	14.0	20.0

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California
(Page 5 of 12)

Well ID # (TOC)	Sampling Date	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					←			ug/L			→
MW5 (cont.)	12/22/04	NLPH	5.08	11.56	1,200e,h	3,110	52.8	1,000	58.5	91.9	90.3
(16.64)	03/24/05	NLPH	3.85	12.79	1,240e	3,370	30.7g	962	24.3	80.5	80.0
	06/14/05	NLPH	4.92	11.72	1,640e	4,210	28.1g	976	25.0	51.0	84.0
MW6	09/12/94	NLPH	6.88	10.68	—	1,500a	—	150	4.4	170	85
(17.56)	10/01/94	NLPH	7.15	10.41	—	87a	—	120	<0.5	99	38
	01/13/95	NLPH	4.80	12.76	—	9,900a	—	710	220	780	1,100
	04/27/95	NLPH	6.14	11.42	—	3,900	—	340	40	460	320
	08/03/95	NLPH	6.83	10.73	—	1,100	65	89	<2.5	110	63
	10/17/95	NLPH	7.66	9.90	—	8,500	<5.0	410	74	850	110
	01/24/96	NLPH	5.86	11.70	—	31,000	<5.0	560	1,500	2,200	7,500
	04/24/96	NLPH	5.39	12.17	—	15,000	260	460	570	1,400	3,300
	07/26/96	NLPH	6.97	10.59	—	27,000	1,300	270	660	1,800	5,500
	10/30/96	NLPH	7.45	10.11	—	28,000	900	490	440	1,800	6,200
	01/31/97	NLPH	4.30	13.26	—	7,000	770	190	1,000	380	1,400
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	NLPH	7.57	9.99	—	6,800	1,100	200	<50	300	860
	10/08/97	NLPH	7.48	10.08	—	51,000	580	670	7,300	2,600	12,000
	01/28/98	NLPH	3.74	13.82	—	15,000	2,400c	650	2,300	900	2,700
	04/14/98	NLPH	3.92	13.64	—	25,000	2,100c	850	3,300	1,200	4,300
	07/30/98	NLPH	6.09	11.47	—	5,900	910	270	65	500	630
	10/19/98	NLPH	6.56	11.00	—	—	—	—	—	—	—
	01/13/99	NLPH	6.35	11.21	—	3,150	422	204	107	297	304
	04/28/99	NLPH	4.89	12.67	—	15,300	436c	1,270	980	1,100	3,320
	07/09/99	NLPH	6.07	11.49	—	1,140	439	121	9.95	150	4.69
	10/25/99	NLPH	6.11	11.45	—	2,200	3,400	590	<10	22	12.1
	01/21/00	NLPH	5.66	11.70	—	1,300	1,000	95	15	94	74
	04/14/00	NLPH	4.29	13.27	—	13,000	420	440	630	840	3,000
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	NLPH	5.39	12.17	—	5,800	830	1,000	13	550	798
	10/03/00	NLPH	6.14	11.42	—	490	3,800	61	<0.5	74	12
	01/02/01	—	—	—	—	—	—	—	—	—	—
	04/02/01	NLPH	4.70	12.86	400	16,000	450	370	690	870	3,200
	07/02/01	NLPH	8.73	8.83	520	3,700	2,000	330	<5	150	32
	10/15/01	NLPH	6.24	11.32	1,100e	27,000	790	<12	<12	<12	<12
(17.31)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										
	02/04/02	NLPH	4.24	13.07	168	14,800	545	425	120	1,480	4,030
	05/06/02	NLPH	4.83	12.48	1,540	8,580	380/S22.0g	988	24.0	866	1,080
	08/22/02	NLPH	6.49	10.82	10,400	4,050	716	44.5	11.5	460	270
	11/06/02	NLPH	5.49	11.82	822	5,640	1,150	49.3	42.7	586	858
	02/07/03	NLPH	4.89	12.42	1,590	14,300	572	134	393	1,000	3,720
	05/02/03	NLPH	4.68	12.63	1,550	8,880	1,560	92.0	167	672	1,530
	08/14/03	NLPH	6.15	11.16	656e	6,560	3,780	28.2	5.3	133	184
	11/14/03	NLPH	6.03	11.28	336e	5,370	4,520	26.4	3.1	44.9	45.0
	03/01/04	NLPH	3.60	13.71	1,630e	9,020	134	223	265	546	1,700
	06/15/04	NLPH	5.41	11.90	521e	6,920	3,470	300	10.0	97.0	173
	09/13/04	NLPH	6.06	11.25	122e	1,010	733	23.0	<5.0	11.0	<5.0
	12/22/04	NLPH	4.98	12.33	884e,h	4,050	75.4	101	169	208	980
	03/24/05	NLPH	3.59	13.72	1,310e	7,650	129g	460	46.0	385	1,240
	06/14/05	NLPH	4.67	12.64	895e	1,940	153g	195	7.6	28.3	18.3
MW7	09/12/94	NLPH	6.43	10.69	—	6,000a	—	490	50	280	70
(17.12)	10/01/94	NLPH	6.71	10.41	—	8,900a	—	940	670	310	160
	01/13/95	NLPH	4.29	12.83	—	20,000a	—	590	780	970	4,200
	04/27/95	NLPH	5.00	12.12	—	8,800	—	410	32	410	230
	08/03/95	NLPH	6.53	10.59	—	4,900	17,000	390	<50	290	<50
	10/17/95	NLPH	7.23	9.89	—	6,700	17,000	530	26	240	25
	01/24/96	NLPH	5.26	11.86	—	9,300	60,000	2,000	390	350	230
	04/24/96	NLPH	5.06	12.06	—	9,000	360,000	2,400	850	150	130

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California
(Page 6 of 12)

Well ID # (TOC)	Sampling Date	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					<			ug/L			>
MW7 (cont.)	07/26/96	NLPH	6.62	10.50	—	4,800	86,000	530	25	60	46
(17.12)	10/30/96	NLPH	7.09	10.03	—	3,400	28,000	180	9.8	58	38
	01/31/97	NLPH	3.65	13.47	—	3,800	45,000	300	18	48	37
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	NLPH	7.44	9.68	—	3,500	18,000	70	<25	<25	<25
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	3.06	14.06	—	100	250c	1.0	<0.5	<0.5	0.67
	04/14/98	—	3.10	14.02	—	—	—	—	—	—	—
	07/30/98	NLPH	5.76	11.34	—	100	670	1.4	<0.5	<0.5	<0.5
	10/19/98	NLPH	6.25	10.87	—	—	—	—	—	—	—
	01/13/99	NLPH	5.96	11.14	—	273	530	<2.5	<2.5	<2.5	<2.5
	04/28/99	—	4.32	12.80	—	—	—	—	—	—	—
	07/09/99	NLPH	5.67	11.45	—	139	860	3.79	7.10	1.19	8.65
	10/25/99	NLPH	6.23	10.89	—	<50	<1.0	<1.0	<1.0	<1.0	<1.0
	01/21/00	NLPH	5.41	11.71	—	410	500	10	2.5	<1.0	2.5
	04/14/00	NLPH	3.84	13.28	—	—	—	—	—	—	—
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	NLPH	5.05	12.07	—	140	480	<0.5	<0.5	<0.5	0.56
	10/03/00	NLPH	5.88	11.24	—	370	1,900	<0.5	0.62	<0.5	3.20
	01/02/01	NLPH	5.52	11.60	—	120	1,500	2.2	<0.5	<0.5	<0.5
	04/02/01	NLPH	4.26	12.86	—	120	1,500	0.91	<0.5	<0.5	<0.5
	07/02/01	NLPH	5.42	11.70	—	110	740	4.1	<0.5	0.75	0.84
	10/15/01	NLPH	7.50	9.62	—	170	740	<0.5	<0.5	<0.5	0.69
(17.06)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										
	02/04/02	NLPH	3.81	13.25	88.0	928	610	<0.50	<0.50	<0.50	<0.50
	05/06/02	NLPH	4.51	12.55	72	591	585/712.0g	2.4	<0.5	2.5	4.1
	08/22/02	NLPH	6.25	10.81	<50	586	482	2.5	<2.5	<2.5	3.0
	11/08/02	NLPH	5.03	12.03	<50	463	319	1.7	<0.5	<0.5	0.6
	02/07/03	NLPH	4.57	12.49	<50	344	440	0.9	0.9	0.8	3.5
	05/02/03	NLPH	4.39	12.67	<50	323	307	0.80	<0.5	<0.5	<0.5
	08/14/03	NLPH	5.96	11.10	<50	197	45.5	2.00	<0.5	<0.5	1.0
	11/14/03	NLPH	6.04	11.02	<50	146	48.0	1.50	<0.5	0.6	1.7
	03/01/04	NLPH	2.91	14.15	138e	<50.0	8.10	<0.50	<0.5	<0.5	<0.5
	06/10/04	NLPH	5.18	11.88	293e	9,830	26.0	501	2,280	205	1,920
	09/13/04	NLPH	5.85	11.21	292e	1,350	82.5	64.5	<2.5	8.5	225
	12/22/04	NLPH	4.51	12.55	173e,h	<50.0	12.2	0.50	<0.5	0.8	<0.5
	03/24/05	NLPH	2.92	14.14	124e	<50.0	2.10g	<0.50	<0.5	<0.5	<0.5
	06/14/05	NLPH	4.31	12.75	89e	<50.0	4.50g	<0.50	<0.5	<0.5	<0.5
MW8	09/12/94	NLPH	6.42	9.91	—	<50a	—	<0.5	<0.5	<0.5	<0.5
(16.33)	10/01/94	NLPH	6.62	9.71	—	<50a	—	<0.5	<0.5	<0.5	<0.5
	01/13/95	NLPH	5.25	11.08	—	<50a	—	<0.5	<0.5	<0.5	<0.5
	04/27/95	NLPH	6.00	10.33	—	<50	—	<0.5	<0.5	<0.5	<0.5
	08/03/95	NLPH	6.28	10.05	—	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	10/17/95	NLPH	6.93	9.40	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	01/24/96	NLPH	5.71	10.62	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	04/24/96	NLPH	5.52	10.81	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	07/26/96	NLPH	6.27	10.06	—	<50	230	<0.5	<0.5	<0.5	<0.5
	10/30/96	NLPH	6.69	9.64	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	01/31/97	NLPH	5.16	11.15	—	—	—	—	—	—	—
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	—	—	—	—	—	—	—	—	—	—
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	5.11	11.22	—	—	—	—	—	—	—
	04/14/98	NLPH	5.02	11.31	—	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	07/30/98	NLPH	5.84	10.49	—	<50	6.6	<0.5	<0.5	<0.5	<0.5
	10/19/98	NLPH	6.07	10.26	—	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	01/13/99	NLPH	5.59	10.74	—	<50	<2.0	<0.5	<0.5	<0.5	<0.5
	04/28/99	NLPH	5.38	10.95	—	<50	<0.5c	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California
(Page 7 of 12)

Well ID # (TOC)	Sampling Data	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					←			ug/L			→
MW8 (cont.)	07/09/99	NLPH	5.71	10.62	—	<50	3.01	<0.5	<0.5	<0.5	<0.5
(16.33)	10/25/99	NLPH	6.15	10.18	—	<50	<1.0	<1.0	<1.0	<1.0	<1.0
	01/21/00	NLPH	6.51	9.82	—	<50	<1.0	<1.0	<1.0	<1.0	<1.0
	04/14/00	Brown	5.54	10.79	—	<50	<1	<1	<1	<1	<1
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	NLPH	5.67	10.66	—	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/03/00	NLPH	6.02	10.31	—	<50	<2	<0.5	<0.5	<0.5	<0.5
	01/02/01	NLPH	5.95	10.38	140d	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/02/01	—	—	—	—	—	—	—	—	—	—
	07/02/01	NLPH	5.76	10.57	<50	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/15/01	NLPH	6.19	10.14	<50	<50	<2	<0.5	<0.5	<0.5	<0.5
(16.24)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										
	02/04/02	f	—	—	—	—	—	—	—	—	—
	05/06/02	NLPH	5.31	10.93	<50	<50.0	0.5/<0.50g	<0.5	<0.5	<0.5	<0.5
	08/22/02	NLPH	6.07	10.17	<50	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/02	NLPH	5.91	10.33	<50	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/03	NLPH	5.34	10.90	<50	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/02/03	NLPH	5.27	10.97	<50	<50.0	<0.5	<0.50	<0.5	<0.5	<0.5
	08/14/03	NLPH	5.60	10.64	<50	<50.0	<0.5	<0.50	<0.5	<0.5	<0.5
	11/14/03	NLPH	6.01	10.23	55e	<50.0	<0.5	<0.50	<0.5	0.7	1.7
	03/01/04	NLPH	5.16	11.08	<50	<50.0	<0.50	<0.50	<0.5	<0.5	<0.5
	06/15/04	NLPH	5.38	10.88	<50	<50.0	<0.50	<0.50	<0.5	<0.5	<0.5
	09/13/04	NLPH	5.81	10.43	<50	<50.0	0.9	<0.50	<0.5	<0.5	0.7
	12/22/04	NLPH	5.42	10.82	<50	<50.0	<0.50	0.50	<0.5	0.5	<0.5
	03/24/05	NLPH	5.03	11.21	<50	<50.0	<0.50g	<0.50	<0.5	<0.5	<0.5
	06/14/05	NLPH	5.09	11.15	<50	<50.0	<0.50g	<0.50	<0.5	<0.5	<0.5
MW9	09/12/94	NLPH	6.84	8.78	—	<50a	—	<0.5	<0.5	<0.5	<0.5
(15.62)	10/01/94	NLPH	6.97	8.65	—	<50a	—	<0.5	<0.5	<0.5	<0.5
	01/13/95	NLPH	6.18	9.44	—	<50a	—	<0.5	<0.5	<0.5	<0.5
	04/27/95	NLPH	6.58	9.04	—	<50	—	<0.5	<0.5	<0.5	<0.5
	08/03/95	NLPH	6.72	8.90	—	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	10/17/95	NLPH	7.09	8.53	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	01/24/96	NLPH	6.46	9.16	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	04/24/96	NLPH	6.43	9.19	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	07/26/96	NLPH	6.80	8.82	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	10/30/96	NLPH	6.94	8.68	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	01/31/97	NLPH	6.10	9.52	—	—	—	—	—	—	—
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	—	—	—	—	—	—	—	—	—	—
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	5.66	9.96	—	—	—	—	—	—	—
	04/14/98	—	—	—	—	—	—	—	—	—	—
	07/30/98	NLPH	6.17	9.45	—	—	—	—	—	—	—
	10/19/98	NLPH	6.40	9.22	—	—	—	—	—	—	—
	01/13/99	NLPH	6.28	9.34	—	—	—	—	—	—	—
	04/28/99	NLPH	5.87	9.75	—	<50	<0.5c	<0.5	<0.5	<0.5	<0.5
	07/09/99	NLPH	6.24	9.38	—	<50	<2.0	<0.5	<0.5	<0.5	<0.5
	10/25/99	NLPH	6.67	8.95	—	<50	<1.0	<1.0	<1.0	<1.0	<1.0
	01/21/00	NLPH	6.93	8.69	—	<50	<1.0	<1.0	<1.0	<1.0	<1.0
	04/14/00	Turbid	6.05	9.57	—	<50	<1	<1	<1	<1	<1
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	NLPH	6.34	9.28	—	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/03/00	NLPH	6.52	9.10	—	<50	<2	<0.5	<0.5	<0.5	<0.5
	01/02/01	NLPH	6.53	9.09	—	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/02/01	NLPH	6.21	9.41	—	<50	<2	<0.5	<0.5	0.57	0.73
	07/02/01	NLPH	6.40	9.22	—	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/15/01	NLPH	6.65	8.97	—	<50	<2	<0.5	<0.5	<0.5	<0.5
(15.56)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					←			ug/L			→
MW9 (cont.)	02/04/02	NLPH	4.77	10.79	<50.0	<50.0	0.50	<0.50	<0.50	<0.50	<0.50
(15.56)	05/06/02	NLPH	6.29	9.27	<50	<50.0	<0.5/<0.50g	<0.5	<0.5	<0.5	<0.5
	08/22/02	NLPH	6.70	8.86	<50	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/02	NLPH	6.55	9.01	<50	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/03	NLPH	6.35	9.21	<50	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/02/03	NLPH	6.16	9.40	91	<50.0	<0.5	<0.50	<0.5	<0.5	<0.5
	08/14/03	NLPH	6.54	9.02	<50	<50.0	<0.5	<0.50	<0.5	<0.5	<0.5
	11/14/03	NLPH	6.60	8.96	<50	<50.0	<0.5	<0.50	<0.5	<0.5	<0.5
	03/01/04	NLPH	5.89	9.67	<50	<50.0	<0.50	<0.50	<0.5	<0.5	<0.5
	06/15/04	NLPH	6.43	9.13	<50	<50.0	<0.50	<0.50	<0.5	<0.5	<0.5
	09/13/04	NLPH	6.58	8.98	<50	<50.0	<0.50	<0.50	<0.5	<0.5	<0.5
	12/22/04	NLPH	6.28	9.28	<50	<50.0	<0.50	<0.50	<0.5	<0.5	<0.5
	03/24/05	NLPH	5.81	9.95	<50	<50.0	<0.50g	<0.50	<0.5	<0.5	<0.5
	06/14/05	NLPH	6.08	9.50	<50	<50.0	<0.50g	<0.50	<0.5	<0.5	<0.5
MW10	09/12/94	NLPH	7.04	9.75	—	71a	—	<0.5	<0.5	1.6	<0.5
(16.79)	10/01/94	NLPH	7.30	9.49	—	330a	—	1.1	<0.5	2.8	0.73
	01/13/95	NLPH	6.04	10.75	—	90a	—	<0.5	<0.5	<0.5	<0.5
	04/27/95	NLPH	6.66	10.13	—	140	—	<0.5	<0.5	5.4	1.3
	08/03/95	NLPH	7.23	9.56	—	150	<2.5	<0.5	<0.5	<0.5	<0.5
	10/17/95	NLPH	7.93	8.86	—	<50	95	<0.5	<0.5	<0.5	<0.5
	01/24/96	NLPH	6.43	10.36	—	760	24	1.6	0.52	62	28
	04/24/96	NLPH	6.42	10.37	—	110	6.8	<0.5	<0.5	7.1	<0.5
	07/26/96	NLPH	7.47	9.32	—	140	<5.0	<0.5	<0.5	12	0.86
	10/30/96	NLPH	7.88	8.91	—	<50	5.6	<0.5	<0.5	<0.5	<0.5
	01/31/97	NLPH	5.88	10.91	—	<50	10	<0.5	<0.5	<0.5	<0.5
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	NLPH	7.32	9.47	—	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	10/08/97	—	—	—	—	—	—	—	—	—	—
	12/12/97 - Well destroyed.										
MW11	10/17/95	NLPH	7.72	10.32	—	34,000	890	3,800	150	950	4,500
(18.04)	01/24/96	NLPH	5.97	12.07	—	44,000	<500	3,800	1,200	2,100	9,800
	04/24/96	NLPH	5.84	12.20	—	34,000	720	2,900	1,400	1,700	8,300
	07/26/96	NLPH	6.98	11.06	—	39,000	800	4,600	4,200	950	9,500
	10/30/96	NLPH	7.54	10.50	—	53,000	990	4,200	3,600	2,100	9,600
	01/31/97	NLPH	5.00	13.04	—	23,000	310c	170	2,500	940	4,300
	04/10/97	NLPH	—	—	—	29,000	200	1,200	440	970	6,400
	07/10/97	NLPH	7.30	10.74	—	42,000	690	1,700	870	1,900	12,000
	10/08/97	NLPH	7.62	10.42	—	42,000	1,100	1,700	2,500	1,400	9,900
	01/28/98	NLPH	4.77	13.27	—	35,000	6,800c	2,400	3,500	1,700	7,900
	04/14/98	NLPH	4.68	13.36	—	15,000	1,200c	1,700	250	500	2,000
	07/30/98	NLPH	6.33	11.71	—	24,000	1,700	1,600	560	1,000	4,300
	10/19/98	NLPH	6.65	11.39	—	29,000	1,700	1,200	2,500	920	4,900
	01/13/99	NLPH	6.42	11.62	—	50,900	1,920	2,210	6,440	2,030	10,600
	04/28/99	NLPH	5.30	12.74	—	59,400	2,390c	3,790	4,260	1,790	2,970
	07/09/99	NLPH	6.22	11.82	—	51,500	4,630	5,890	5,340	2,370	12,700
	10/25/99	NLPH	6.77	11.27	—	51,000	1,700	3,900	5,800	2,300	12,300
	01/21/00	NLPH	6.47	11.57	—	56,000	1,100	2,300	4,600	2,100	11,600
	04/14/00	NLPH	5.09	12.95	—	42,000	2,100	3,000	2,600	1,800	8,000
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00	NLPH	5.93	12.11	—	32,000	3,900	3,000	2,700	1,300	8,200
	10/03/00	NLPH	6.57	11.47	—	46,000	4,300	2,900	3,600	1,600	7,900
	01/02/01	NLPH	6.46	11.58	1,600d	44,000	4,200	3,900	3,600	1,300	6,500
	04/02/01	NLPH	5.44	12.60	2,000	39,000	3,100	2,600	3,600	1,500	7,500
	07/02/01	NLPH	9.10	8.94	2,300	45,000	3,000	2,000	2,000	1,400	7,200
	10/15/01	NLPH	8.10	9.94	1,400e	55,000	2,600	5,100	5,700	1,900	9,100
(17.98)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California
(Page 9 of 12)

Well ID # (TOC)	Sampling Date	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					←			ug/L			→
MW11 (cont.)	02/04/02	NLPH	5.14	12.84	2,430	37,800	1,910	3,340	3,550	1,450	6,480
(17.98)	05/06/02	NLPH	5.51	12.47	3,000	27,200	1,350/1,984g	1,420	1,580	1,110	4,960
	08/22/02	NLPH	6.63	11.35	5,660	28,100	2,240	2,020	1,520	1,120	5,360
	11/06/02	NLPH	5.34	12.64	3,680	26,000	246	1,170	2,130	1,020	5,390
	02/07/03	NLPH	5.42	12.56	4,360	50,000	1,400	3,660	4,500	1,920	8,600
	05/02/03	NLPH	5.17	12.81	2,330	41,200	1,080	1,980	1,860	1,450	7,100
	08/14/03	NLPH	6.42	11.56	5,480e	46,700	1,140	3,360	2,150	1,870	7,540
	11/14/03	NLPH	6.39	11.59	3,530e	45,800	240	2,070	3,300	2,010	8,580
	03/01/04	NLPH	4.58	13.40	2,030e	5,540	61.7	246	350	205	904
	06/15/04	NLPH	5.83	12.15	2,090e	48,100	580	2,040	2,160	2,430	10,100
	09/13/04	NLPH	6.41	11.57	3,220e	40,300	250	2,210	1,290	1,930	8,350
	12/22/04	NLPH	5.49	12.49	1,770e,h	20,800	105	1,060	1,540	750	3,220
	03/24/05	NLPH	4.22	13.76	643e	4,030	8.00g	64.0	52.1	114	532
	06/14/05	NLPH	5.42	12.56	3,830e	38,900	351g	1,330	2,760	1,520	6,870
MW12	10/17/95	NLPH	6.38	9.92	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
(16.30)	01/24/96	NLPH	4.86	11.44	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	04/24/96	NLPH	4.46	11.84	—	<50	<5.0	<0.5	0.68	<0.5	0.72
	07/26/96	NLPH	5.90	10.40	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	10/30/96	NLPH	6.56	9.74	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	01/31/97	NLPH	4.57	11.73	—	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	—	—	—	—	—	—	—	—	—	—
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	3.90	12.40	—	—	—	—	—	—	—
	04/14/98	NLPH	3.67	12.63	—	—	—	—	—	—	—
	07/30/98	NLPH	5.00	11.30	—	—	—	—	—	—	—
	10/19/98	NLPH	—	—	—	—	—	—	—	—	—
	01/13/99	NLPH	5.19	11.11	—	—	—	—	—	—	—
	04/28/99	—	4.53	11.77	—	—	—	—	—	—	—
	07/09/99 - 04/14/00 Not monitored or sampled.										
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00 - 04/02/01 Not monitored or sampled.										
	07/02/01	NLPH	8.34	7.96	—	—	—	—	—	—	—
	10/15/01	—	—	—	—	—	—	—	—	—	—
(16.15)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										
	02/04/02 - present Not monitored or sampled.										
EW1	09/12/94	NLPH	6.13	10.09	—	400a	—	40	<0.5	10	5.4
(16.22)	10/01/94	NLPH	7.63	8.59	—	3,400a	—	<0.5	4.4	30	11
	01/13/95	NLPH	11.46	4.76	—	680a	—	40	<0.5	12	16
	04/27/95	NLPH	15.47	0.75	—	—	—	—	—	—	—
	08/03/95	NLPH	13.85	2.37	—	<125	590	2.7	<1.2	<1.2	<1.2
	10/17/95	NLPH	8.05	8.17	—	3,600	400	220	<0.5	160	38
	01/24/96	NLPH	11.07	5.15	—	84	260	4.3	<0.5	1.3	0.53
	04/24/96	NLPH	6.20	10.02	—	740	3,000	130	2.3	35	2.1
	07/26/96	NLPH	13.93	2.29	—	<50	960	<0.5	<0.5	<0.5	<0.5
	10/30/96	NLPH	13.74	2.48	—	<50	5,300	0.52	<0.5	<0.5	<0.5
	01/31/97	NLPH	8.40	7.82	—	—	—	—	—	—	—
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	—	—	—	—	—	—	—	—	—	—
	10/08/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	3.35	12.87	—	—	—	—	—	—	—
	04/14/98	NLPH	3.52	12.70	—	—	—	—	—	—	—
	07/30/98	NLPH	5.48	10.74	—	—	—	—	—	—	—
	10/19/98	NLPH	5.77	10.45	—	—	—	—	—	—	—
	01/13/99	NLPH	5.49	10.73	—	—	—	—	—	—	—
	04/28/99	NLPH	4.31	11.91	—	—	—	—	—	—	—
	07/09/99 - 04/14/00 Not monitored or sampled.										

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California
(Page 12 of 12)

Well ID # (TOC)	Sampling Date	SUBJ	DTW (feet)	GW Elev. (feet)	TPHd	TPHg	MTBE	B	T	E	X
					←			ug/L			→
EW5 (cont.)	10/30/96	NLPH	9.82	6.69	—	1,200	68	110	5.1	2.2	120
(16.51)	01/31/97	NLPH	9.00	7.51	—	—	—	—	—	—	—
	04/10/97	—	—	—	—	—	—	—	—	—	—
	07/10/97	—	—	—	—	—	—	—	—	—	—
	10/06/97	—	—	—	—	—	—	—	—	—	—
	01/28/98	NLPH	3.54	12.97	—	—	—	—	—	—	—
	04/14/98	NLPH	3.65	12.86	—	—	—	—	—	—	—
	07/30/98	NLPH	7.63	8.88	—	—	—	—	—	—	—
	10/19/98	NLPH	5.75	10.76	—	—	—	—	—	—	—
	01/13/99	NLPH	7.03	9.48	—	—	—	—	—	—	—
	04/28/99	NLPH	8.80	7.71	—	—	—	—	—	—	—
	07/09/99 - 04/14/00 Not monitored or sampled.										
	06/16/00 - Property transferred to Valero Refining Company.										
	07/05/00 - 10/15/01 Not monitored or sampled.										
(16.67)	Nov 2001 - Well surveyed in compliance with AB 2886 requirements.										
	02/04/02	—	—	—	—	—	—	—	—	—	—
	05/06/02	NLPH	4.76	11.89	—	—	—	—	—	—	—
	08/22/02	NLPH	6.81	10.06	—	—	—	—	—	—	—
	11/08/02	NLPH	3.74	12.93	—	—	—	—	—	—	—
	02/07/03	NLPH	6.40	10.27	—	—	—	—	—	—	—
	05/02/03	NLPH	5.91	10.76	—	—	—	—	—	—	—
	08/14/03	NLPH	6.28	10.39	—	—	—	—	—	—	—
	11/14/03	NLPH	6.19	10.48	—	—	—	—	—	—	—
	03/01/04	NLPH	4.02	12.65	—	—	—	—	—	—	—
	06/15/04	NLPH	4.97	11.70	—	—	—	—	—	—	—
	09/13/04	NLPH	5.47	11.20	—	—	—	—	—	—	—
	12/22/04	NLPH	4.71	11.96	—	—	—	—	—	—	—
	03/24/05	NLPH	3.15	13.52	—	—	—	—	—	—	—
	06/14/05	NLPH	4.28	12.39	—	—	—	—	—	—	—

Notes:

SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet.
TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
TPHd	=	Total petroleum hydrocarbons as diesel using EPA Method 5030/8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
NLPH	=	No liquid-phase hydrocarbons.
SPL	=	Separate-phase liquids present.
ND	=	Not detected at or above laboratory reporting limits.
—	=	Not sampled.
ug/L	=	Micrograms per liter.
<	=	Less than the stated laboratory method reporting limit.
a	=	Total volatile hydrocarbons by OHS /LUFT Manual Method.
b	=	Results obtained from a 1:10 dilution analyzed on January 17, 1995.
c	=	Methyl tertiary butyl ether by EPA Method 8260 (GC/MS).
d	=	Diesel-range hydrocarbons reportedly detected in bailer blank; result is suspect.
e	=	TPHd was detected in the sample; however, the detections do not resemble the typical diesel pattern.
f	=	Well inaccessible.
g	=	MTBE analyzed using EPA Method 8260B.
h	=	Analyte detected in laboratory method blank; result is suspect.

Data prior to Second Quarter 2000 provided by Delta Environmental Consultants, Inc.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California

Well ID #	Sampling Date	ETBE	TAME	TBA	1,2-DCA	EDB	DIPE	Ethanol
		<----------			ug/L			---------->
EW5	09/12/94 - 04/14/00 Not analyzed for these analytes.							
	06/16/00 - Proptery transferred to Valero Refining Company.							
	07/05/00 - present Not analyzed for these analytes.							

Notes:

SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet.
TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
Elev.	=	Groundwater elevation; datum is mean sea level.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
TPHd	=	Total petroleum hydrocarbons as diesel using EPA Method 5030/8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
NLPH	=	No liquid-phase hydrocarbons.
SPL	=	Separate-phase liquids present.
ND	=	Not detected at or above laboratory reporting limits.
—	=	Not sampled.
ug/L	=	Micrograms per liter.
<	=	Less than the stated laboratory method reporting limit.
a	=	Total volatile hydrocarbons by DHS /LUFT Manual Method.
b	=	Results obtained from a 1:10 dilution analyzed on January 17, 1995.
c	=	Methyl tertiary butyl ether by EPA Method 8260 (GC/MS).
d	=	Diesel-range hydrocarbons reportedly detected in bailer blank; result is suspect.
e	=	TPHd was detected in the sample; however, the detections do not resemble the typical diesel pattern.
f	=	Well inaccessible.
g	=	MTBE analyzed using EPA Method 8260B.
h	=	Analyte detected in laboratory method blank; result is suspect.

Data prior to Second Quarter 2000 provided by Delta Environmental Consultants, Inc.

APPENDIX A

WATER SAMPLING FIELD SURVEY FORMS

ALISTO ENGINEERING GROUP
GROUNDWATER MONITORING

Client: Xtra Oil
Alisto Project No: 10-210-21|009
Service Station No: _____

Date: 6|14|05
Field Personnel: LB
Site Address: Alameda, St

FIELD ACTIVITY:

✓ Groundwater Monitoring
✓ Groundwater Sampling
___ Well Development

QUALITY CONTROL SAMPLES:

MW-1 QC-1 Sample Duplicate (Well ID)
___ QC-2 Trip Blank
___ QC-3 Rinsate Blank

Well ID	Well Diam	Order Measured/ Sampled	Total Depth	Depth to Water	Depth to Product	Product Thick-ness	Comments
MW-3	2"	1	20.57	5.99	Ø	Ø	
MW-4	2"	2	19.69	5.58	Ø	Ø	Strong HC Odor
MW-1	2"	3	19.60	5.45	Ø	Ø	Strong HC Odor
MW-2	2"	4	20.31	6.92	Globules Irredescence	<.01'	Sewer PPRS
							Globules <.01'
							thickness in PPRS
							Irredescence

Notes:

FORM: FS2/121592

ALISTO

Field Report / Sampling Data Sheet

ENGINEERING GROUP
2737 North Main Street, Suite 100
Walnut Creek, CA 94597
PHONE (925) 279-5000 FAX (925) 279-5001

Site: Xtra Oil
Address: 1701 Park St, Alameda, CA

Date: 3/24/05
Day: M T W (TH) F
Tech: LC

Project No.: 10-210-2004

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-2	5.78	2"	19.10	O.K.

TD-WL = __ X well vol.factor = ___ X # vol. to purge = Purge Vol.

19.10 - 5.78 = 13.32 X .16 = 2.13
2.13 X 3 = 6.39

Purge Method: ___ Pump/ 1 Disp. Bailer(s) ___ / ___ Port

Comments: Drain & Reinset PPRS

Gal.	Time	Temp F or C	pH	E.C. ~~umhos/cm~~	D.O. mg/l	Eh Millivolts	Turbidity NTU
3	1237	69.3	6.90	488	3.4		
5	1250	68.4	6.63	496			
7	1300	68.6	6.59	496	3.0		

Laboratory Analyses Requested

See COC

TIME/SAMPLE ID

1310

Well ID	DTW	Diameter	Total Depth	Cap / Lock

TD-WL = __ X well vol.factor = ___ X # vol. to purge = Purge Vol.

Purge Method: ___ Pump/ ___ Disp. Bailer(s) ___ / ___ Port

Comments:

Gal.	Time	Temp F or C	pH	E.C. umhos/cm	D.O. mg/l	Eh Millivolts	Turbidity NTU

Laboratory Analyses Requested

TIME/SAMPLE ID

Well ID	DTW	Diameter	Total Depth	Cap / Lock

TD-WL = __ X well vol.factor = ___ X # vol. to purge = Purge Vol.

Purge Method: ___ Pump/ ___ Disp. Bailer(s) ___ / ___ Port

Comments:

Gal.	Time	Temp F or C	pH	E.C. umhos/cm	D.O. mg/l	Eh Millivolts	Turbidity NTU

Laboratory Analyses Requested

TIME/SAMPLE ID

ALISTO

Field Report / Sampling Data Sheet

ENGINEERING GROUP
2737 North Main Street, Suite 100
Walnut Creek, CA 94597
PHONE (925) 279-5000 FAX (925) 279-5001

Site: XTra Oil
Address: 1701 Park St, Alameda, CA

Date: 3/24/05
Day: M T W (TH) F
Tech: LB

Project No.: 10-210-20/004

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-3	4.70	2"	19.20	O.K.

TD-WL = __ X well vol.factor = __ X # vol. to purge = Purge Vol.

19.20 - 4.70 = 14.50 x .16 = 2.32

2.32 x 3 = 6.96

Purge Method: ___ Pump/ 1 Disp. Bailer(s) ___ / ___ Port

Comments:

Gal.	Time	Temp F or C	pH	E.C. µS/cm ~~umhos/cm~~	D.O. mg/l	Eh Millivolts	Turbidity NTU
3	1120	68.1	6.86	277	3.3		
5	1125	68.6	6.93	229			
7	1130	68.8	6.90	229	3.3		

Laboratory Analyses Requested: See COC

TIME/SAMPLE ID: 1130

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-4	4.23	2"	13.40	Bad Lock

TD-WL = __ X well vol.factor = __ X # vol. to purge = Purge Vol.

13.40 - 4.23 = 9.17 x .16 = 1.47

1.47 x 3 = 4.41

Purge Method: ___ Pump/ 1 Disp. Bailer(s) ___ / ___ Port

Comments: Black specks in water

Gal.	Time	Temp F or C	pH	E.C. µS/cm ~~umhos/cm~~	D.O. mg/l	Eh Millivolts	Turbidity NTU
2	1146	67.3	6.92	265	2.1		
3	1151	66.9	6.67	249			
5	1158	66.4	6.65	244	1.9		

Laboratory Analyses Requested: See COC

TIME/SAMPLE ID: 1200

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-1	5.04	2"	19.90	O.K.

TD-WL = __ X well vol.factor = __ X # vol. to purge = Purge Vol.

19.90 - 5.04 = 14.86 x .16 = 2.38

2.38 x 3 = 7.14

Purge Method: ___ Pump/ 1 Disp. Bailer(s) ___ / ___ Port

Comments: QC-1 (Duplicate) taken From this well.

Gal.	Time	Temp F or C	pH	E.C. µS/cm ~~umhos/cm~~	D.O. mg/l	Eh Millivolts	Turbidity NTU
3	1212	69.0	7.11	246	2.4		
5	1217	68.1	6.90	232			
8	1224	67.7	6.84	230	2.2		

Laboratory Analyses Requested: See COC

TIME/SAMPLE ID: 1224

ALISTO

Field Report / Sampling Data Sheet

ENGINEERING GROUP
2737 North Main Street, Suite 100
Walnut Creek, CA 94597
PHONE (925) 279-5000 FAX (925) 279-5001

Site: Xtra Oil
Address: Alameda, CA
Project No.: 10-210-2100 1

Date: 6/14/05
Day: M T W TH F
Tech: LLB

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-2	6.92	2"	20.31	O.K

TD-WL = __ X well vol.factor =___ X # vol. to purge = Purge Vol.

20.31-6.92 = 13.39 X .16 = 2.14
2.14 X 3 = 6.42

Purge Method: ___ Pump/ 1 Disp. Bailer(s) ___ / ___ Port

Comments: irredescence (Sheen)
< .01' FP / Serviced PPRS < .01 gal

Gal.	Time	Temp F or C	pH	E.C. ~~umhos/cm~~ mS/cm	D.O. mg/l	Eh Millivolts	Turbidity NTU	Laboratory Analyses Requested
3	1341	21.0	6.06	.860				
5	1350	20.6	6.31	.742				
7	1400	20.8	6.29	.740				

TIME/SAMPLE ID: 1400

Well ID	DTW	Diameter	Total Depth	Cap / Lock

TD-WL = __ X well vol.factor =___ X # vol. to purge = Purge Vol.

Purge Method: ___ Pump/ ___ Disp. Bailer(s) ___ / ___ Port

Comments:

Gal.	Time	Temp F or C	pH	E.C. umhos/cm	D.O. mg/l	Eh Millivolts	Turbidity NTU	Laboratory Analyses Requested

TIME/SAMPLE ID:

Well ID	DTW	Diameter	Total Depth	Cap / Lock

TD-WL = __ X well vol.factor =___ X # vol. to purge = Purge Vol.

Purge Method: ___ Pump/ ___ Disp. Bailer(s) ___ / ___ Port

Comments:

Gal.	Time	Temp F or C	pH	E.C. umhos/cm	D.O. mg/l	Eh Millivolts	Turbidity NTU	Laboratory Analyses Requested

TIME/SAMPLE ID:

Field Form_gw.xls

ALISTO

Field Report / Sampling Data Sheet

ENGINEERING GROUP
2737 North Main Street, Suite 100
Walnut Creek, CA 94597
PHONE (925) 279-5000 FAX (925) 279-5001

Site: Xtra Oil
Address: Alameda, CA
Project No.: 10-210-21/001

Date: 6/14/05
Day: M T W TH F
Tech: CB

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-3	5.99	2"	20.57	O.K.

TD-WL = __ X well vol.factor = ___ X # vol. to purge = Purge Vol.

20.57 - 5.99 = 14.58 X .16 = 2.33
2.33 X 3 = 6.99

Purge Method: ___ Pump/ 1 Disp. Bailer(s) ___ / ___ Port

Comments:

Gal.	Time	Temp F or C	pH	E.C. ~~umhos/cm~~	D.O. mg/l	Eh Millivolts	Turbidity NTU
2	1210	20.5	6.56	.516			
5	1215	20.2	6.67	.498			
7	1224	20.2	6.76	.495			

Laboratory Analyses Requested

TIME/SAMPLE ID: 1230

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-4	5.58	2"	19.69	O.K.

TD-WL = __ X well vol.factor = ___ X # vol. to purge = Purge Vol.

19.69 - 5.58 = 14.11 X .16 = 2.26
2.26 X 3 = 6.78

Purge Method: ___ Pump/ 1 Disp. Bailer(s) ___ / ___ Port

Comments: Strong HC odor

Gal.	Time	Temp F or C	pH	E.C. umhos/cm	D.O. mg/l	Eh Millivolts	Turbidity NTU
2	1250	18.9	6.51	.497			
5	1255	19.2	6.62	.486			
7	1300	19.5	6.70	.483			

Laboratory Analyses Requested

TIME/SAMPLE ID: 1300

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-1	5.45	2"	19.60	O.K.

TD-WL = __ X well vol.factor = ___ X # vol. to purge = Purge Vol.

19.60 - 5.45 = 14.15 X .16 = 2.26
2.26 X 3 = 6.78

Purge Method: ___ Pump/ 1 Disp. Bailer(s) ___ / ___ Port

Comments: QC-1 (Duplicate) taken from this well

Gal.	Time	Temp F or C	pH	E.C. umhos/cm	D.O. mg/l	Eh Millivolts	Turbidity NTU
2	1314	20.5	6.26	.465			
5	1319	20.1	6.53	.452			
7	1328	19.8	6.66	.452			

Laboratory Analyses Requested

TIME/SAMPLE ID: 1328

Field Form_gw.xls

AGYL - 0506270

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: Chris Keigheimer Bill To: XTRA OIL
Company: Alisto Engineering Group INC.
2737 N MAIN ST #100 WALNUT CREEK CA 94597
Tele: (925) 279-5000 Fax: (925) 279-5001
Project #: 10-210- Project Name: Xtra Oil
Project Location: Alameda, CA
Sampler Signature:

	SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl Vials	HNO_3	Other
1	MW-1		6/4/05	1328	4	HCl Vials	X					X	X		
2	MW-2			1400			X					X	X		
3	MW-3			1230			X					X	X		
4	MW-4			1300			X					X	X		
5	QC-1				1	Liter Amber	X					C	X		

	BTEX & TPH as Gas (602/8020 + 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other: BTEX/MTBE ONLY	Comments
1	X	X															
2	X	X															
3	X	X															
4	X	X															
5																X	

Relinquished By: Date: 6/5/05 Time: 0900 Received By:
Relinquished By: Date: 6/5/05 Time: 345 Received By:
Relinquished By: Date: Time: Received By:

Remarks:

ICE/T
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER

APPENDIX B

LABORATORY REPORT AND CHAIN OF CUSTODY RECORD

McCampbell Analytical, Inc.

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

Alisto Engineering Grp. 2737 North Main Street, Ste 100 Walnut Creek, CA 94597	Client Project ID: #10-210; Xtra Oil	Date Sampled: 06/14/05
		Date Received: 06/15/05
	Client Contact: Chris Reinheimer	Date Reported: 06/20/05
	Client P.O.:	Date Completed: 06/20/05

WorkOrder: 0506270

June 20, 2005

Dear Chris:

Enclosed are:

1). the results of **5** analyzed samples from your **#10-210; Xtra Oil project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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

Alisto Engineering Grp.	Client Project ID: #10-210; Xtra Oil	Date Sampled: 06/14/05
2737 North Main Street, Ste 100		Date Received: 06/15/05
Walnut Creek, CA 94597	Client Contact: Chris Reinheimer	Date Extracted: 06/16/05-06/17/05
	Client P.O.:	Date Analyzed: 06/16/05-06/17/05

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0506270

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	23,000,a	ND<500	1300	2700	810	2700	100	112
002A	MW-2	W	15,000,a,h	530	2100	31	310	49	10	86
003A	MW-3	W	ND	ND	ND	ND	ND	ND	1	112
004A	MW-4	W	23,000,a	ND<500	160	510	1200	4000	100	102
005A	QC-1	W	---	ND<250	1400	3100	810	2900	50	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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

Alisto Engineering Grp.	Client Project ID: #10-210; Xtra Oil	Date Sampled: 06/14/05
2737 North Main Street, Ste 100		Date Received: 06/15/05
Walnut Creek, CA 94597	Client Contact: Chris Reinheimer	Date Extracted: 06/15/05
	Client P.O.:	Date Analyzed: 06/16/05

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0506270

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0506270-001B	MW-1	W	4300,d,b	1	108
0506270-002B	MW-2	W	53,000,a,d,h	10	91
0506270-003B	MW-3	W	ND	1	98
0506270-004B	MW-4	W	5600,d	1	113

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0506270

EPA Method: SW8021B/8015Cm **Extraction: SW5030B** **BatchID: 16656** **Spiked Sample ID: 0506270-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	103	99.8	2.94	102	102	0	70 - 130	70 - 130
MTBE	ND	10	112	113	0.831	113	116	2.59	70 - 130	70 - 130
Benzene	ND	10	106	107	1.68	113	113	0	70 - 130	70 - 130
Toluene	ND	10	107	109	1.62	114	115	0.584	70 - 130	70 - 130
Ethylbenzene	ND	10	108	110	1.58	114	114	0	70 - 130	70 - 130
Xylenes	ND	30	110	110	0	117	113	2.90	70 - 130	70 - 130
%SS:	112	10	98	99	1.03	101	102	1.18	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 16656 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0506270-001A	6/14/05 1:28 PM	6/16/05	6/16/05 7:23 AM	0506270-002A	6/14/05 2:00 PM	6/16/05	6/16/05 5:45 PM
0506270-003A	6/14/05 12:30 PM	6/17/05	6/17/05 12:15 AM	0506270-004A	6/14/05 1:00 PM	6/16/05	6/16/05 8:29 AM
0506270-005A	6/14/05	6/16/05	6/16/05 9:02 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fail outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

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

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0506270

EPA Method: SW8015C	Extraction: SW3510C	BatchID: 16653	Spiked Sample ID: N/A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	102	102	0	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	108	109	0.740	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 16653 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0506270-001B	6/14/05 1:28 PM	6/15/05	6/16/05 5:18 PM	0506270-002B	6/14/05 2:00 PM	6/15/05	6/16/05 1:21 PM
0506270-003B	6/14/05 12:30 PM	6/15/05	6/16/05 12:14 PM	0506270-004B	6/14/05 1:00 PM	6/15/05	6/16/05 2:54 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

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

Alisto Engineering Grp. 2737 North Main Street, Ste 100 Walnut Creek, CA 94597	Client Project ID: #10-210-20/004; Xtra Oil	Date Sampled: 03/24/05
		Date Received: 03/25/05
	Client Contact: Chris Reinheimer	Date Extracted: 03/25/05
	Client P.O.:	Date Analyzed: 03/26/05-03/30/05

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0503454

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0503454-001B	MW-1	W	3300,d,b	1	107
0503454-002B	MW-2	W	57,000,a,d,h	50	--#
0503454-003B	MW-3	W	ND	1	102
0503454-004B	MW-4	W	1900,d	1	103
0503454-005B	QC-1	W	3500,d,b	1	97

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
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Website: www.mccampbell.com E-mail: main@mccampbell.com

Alisto Engineering Grp.	Client Project ID: #10-210-20/004; Xtra Oil	Date Sampled: 03/24/05
2737 North Main Street, Ste 100		Date Received: 03/25/05
Walnut Creek, CA 94597	Client Contact: Chris Reinheimer	Date Extracted: 03/26/05-03/27/05
	Client P.O.:	Date Analyzed: 03/26/05-03/27/05

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0503454

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	29,000,a	ND<500	1300	5500	1200	4900	100	115
002A	MW-2	W	15,000,a,h	ND<900	3000	ND<25	400	58	50	99
003A	MW-3	W	ND	ND	ND	ND	ND	ND	1	97
004A	MW-4	W	6600,a	ND<120	62	29	190	960	10	104
005A	QC-1	W	31,000,a	ND<210	830	3800	1000	4500	10	114

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0506270 **ClientID: AEGL**

Report to:
Chris Reinheimer
Alisto Engineering Grp.
2737 North Main Street, Ste 100
Walnut Creek, CA 94597
TEL: (925) 279-5000
FAX: (925) 279-5001
ProjectNo: #10-210; Xtra Oil
PO:

Bill to:
Accounts Payable
Alisto Engineering Grp.
2737 North Main Street, Suite 100
Walnut Creek, CA 94597

Requested TAT: 5 days
Date Received: 06/15/2005
Date Printed: 06/15/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0506270-001	MW-1	Water	06/14/2005	☐	A	B													
0506270-002	MW-2	Water	06/14/2005	☐	A	B													
0506270-003	MW-3	Water	06/14/2005	☐	A	B													
0506270-004	MW-4	Water	06/14/2005	☐	A	B													
0506270-005	QC-1	Water	06/14/2005	☐	A														

Test Legend:

1	G-MBTEX_W	2	TPH(D)_W	3		4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Rosa Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0503454 **ClientID: AEGL**

Report to:
Chris Reinheimer
Alisto Engineering Grp.
2737 North Main Street, Ste 100
Walnut Creek, CA 94597
TEL: (925) 279-5000
FAX: (925) 279-5001
ProjectNo: #10-210-20/004; Xtra Oil
PO:

Bill to:
Accounts Payable
Alisto Engineering Grp.
2737 North Main Street, Suite 100
Walnut Creek, CA 94597

Requested TAT: 5 days
Date Received: 03/25/2005
Date Printed: 03/25/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0503454-001	MW-1	Water	3/24/05 12:24:00	☐	A	B													
0503454-002	MW-2	Water	3/24/05 1:10:00 PM	☐	A	B													
0503454-003	MW-3	Water	3/24/05 11:30:00	☐	A	B													
0503454-004	MW-4	Water	3/24/05 12:00:00	☐	A	B													
0503454-005	QC-1	Water	3/24/05 12:24:00	☐	A	B													

Test Legend:

1	G-MBTEX_W	2	TPH(D)_W	3		4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Maria Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

HEGA

05034454

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: Chris Reinheimer Bill To:
Company: Alisto Engineering Group INC.
2737 N. Main St. # 100 Walnut Creek, CA
Tele: (925) 279-5000 Fax: (925) 279-5001
Project #: 10-210-2004 Project Name: Xtra Oil
Project Location: Park St, Alameda, CA
Sampler Signature:

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl (Vials)	HNO_3	Other
MW-1		3/24/05	1224	5	Pres Vials Amber Liters	X					X	X		
MW-2			1310	4										
MW-3			1130											
MW-4			1200											
QC-1			1224											

Analysis Request: BTEX & TPH as Gas (8021 + 8015) MTBE; TPH as Diesel (8015); Total Petroleum Oil & Grease (5520 E&F/B&F); Total Petroleum Hydrocarbons (418.1); EPA 601 / 8010; BTEX ONLY (EPA 602 / 8020); EPA 608 / 8080; EPA 608 / 8080 PCB's ONLY; EPA 624 / 8240 / 8260; EPA 625 / 8270; PAH's / PNA's by EPA 625 / 8270 / 8310; CAM-17 Metals; LUFT 5 Metals; Lead (7240/7421/239.2/6010); RCI

Other

Comments

Relinquished By:	Date:	Time:	Received By:
	3/25/05	1455	Patricia Ugelow
	3/25	1455	
	3/25/05	324	

Remarks:

ICE/T ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB
PRESERVATION: VOAS ✓ | O&G | METALS | OTHER

agL - 050627O

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: Chris Reigheimer Bill To: XTRA OIL
Company: Alisto Engineering Group INC.
2737 N MAIN #100 WALNUT CREEK CA 94597

Tele: (925) 279-5000 Fax: (925) 279-5001
Project #: 10-210- Project Name: Xtra Oil
Project Location: Alameda, CA
Sampler Signature:

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl Vials	HNO_3	Other
MW-1		6/1/05	1328	4	HCl Vials	X					X	X		
MW-2			1400		Liters	X					X	X		
MW-3			1230			X					X	X		
MW-4			1300			X					X	X		
WC-1				2		X					X	X		

Analysis Request:

BTEX & TPH as Gas (602/8020 + 8015)/ MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI
X	X													
X	X													
X	X													
X	X													

Other: BTEX/MTBE only — X

Comments:

Relinquished By:	Date:	Time:	Received By:
	6/5/05	0900	
Relinquished By:	Date:	Time:	Received By:
	6/5/05	345	
Relinquished By:	Date:	Time:	Received By:

Remarks:

ICE/T ✓
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ✓ PRESERVED IN LAB
DECHLORINATED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER