FIRST QUARTER 2006
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
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Walnut Creek, California

June 9, 2006

Chris Reinheimer
Project Manager

Al Sevilla, P.E.
Principal

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INTRODUCTION

This report presents the results and findings of the First Quarter 2006 groundwater monitoring and sampling conducted by Alisto Engineering Group at the Xtra Oil Company service station (dba Shell), 1701 Park Street, Alameda, California. The sampling event, which took place on April 4, 2006, was delayed due to personnel scheduling and coordination conflicts with the responsible party for the adjacent petroleum release site at 1725 Park Street. 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 January 4, 2006 groundwater monitoring and sampling event are as follows:

- Groundwater gradient as interpreted from the monitoring data was 0.012 in an easterly direction across the Xtra Oil site.

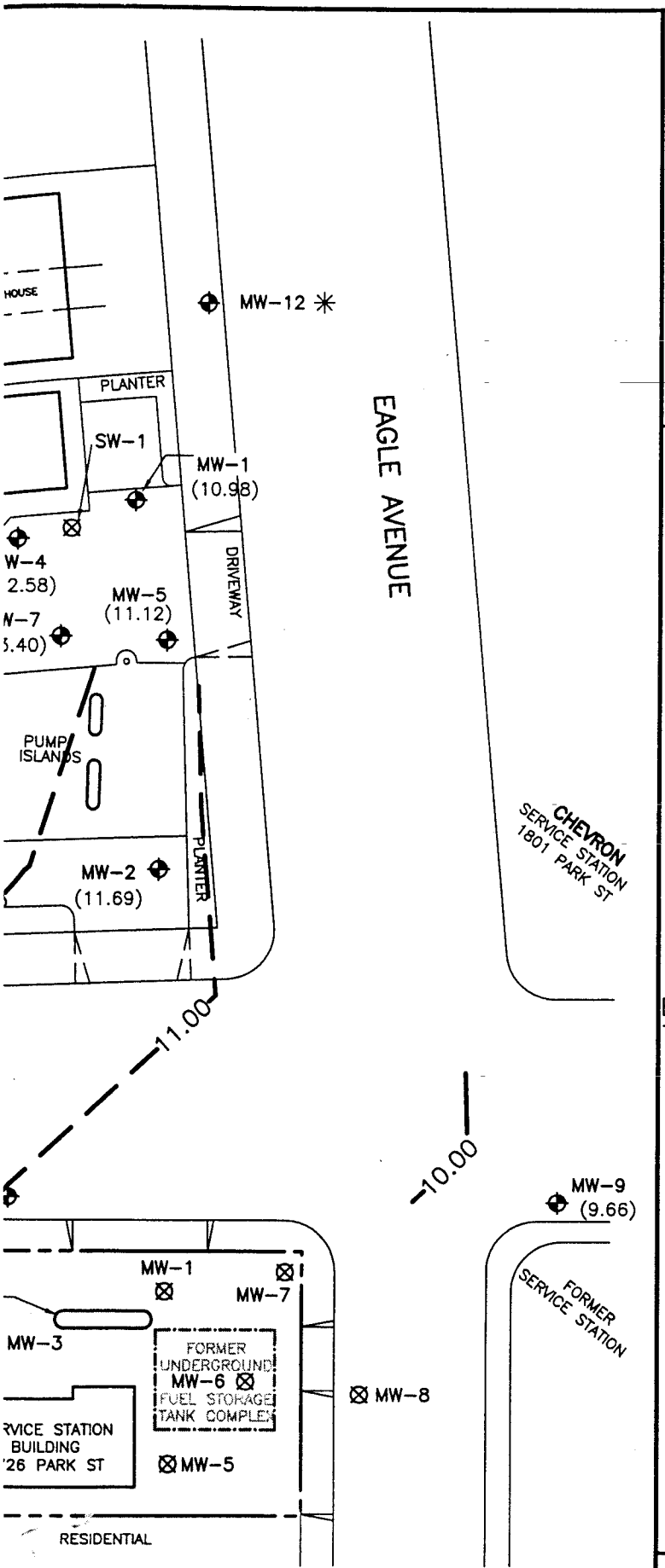
- No liquid-phase petroleum hydrocarbons were observed in any of the monitoring wells at the Xtra Oil site.

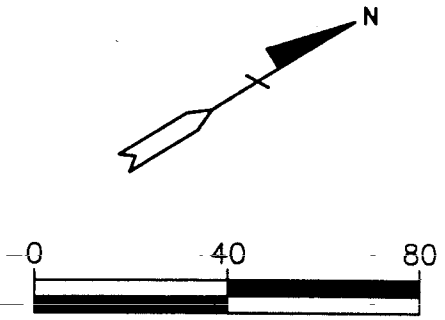
- The highest onsite concentration of total petroleum hydrocarbons as gasoline was detected in the sample from MW-1 at 31,000 micrograms per liter (µg/L).

- The highest onsite concentrations of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tert butyl ether (MTBE) were also detected in the sample from MW-1 at concentrations of 6900, 2900, 1000, 2800 and 5400 ug/L, respectively.

- Total petroleum hydrocarbons as diesel was detected onsite in groundwater samples from Wells MW-1, MW-2 and MW-4 at concentrations of 2500, 13000, and 2000 µg/L, respectively.

FIGURES





LEGEND

- ⊕ GROUNDWATER MONITORING WELL
- ⊠ DESTROYED WELL
- ---- PROPERTY LINE
- (9.66) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 10.00 GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL–1.00 FOOT)
- 0.012 CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT
- ✳ NOT MONITORED

EXXON SERVICE STATION DEPTHS TO WATER TAKEN MARCH 13, 2006.

FIGURE 2

POTENTIOMETRIC GROUNDWATER ELEVATION CONTOUR MAP

APRIL 4, 2006

XTRA OIL COMPANY SERVICE STATION
1701 PARK STREET
ALAMEDA, CALIFORNIA

PROJECT NO. 10–210

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

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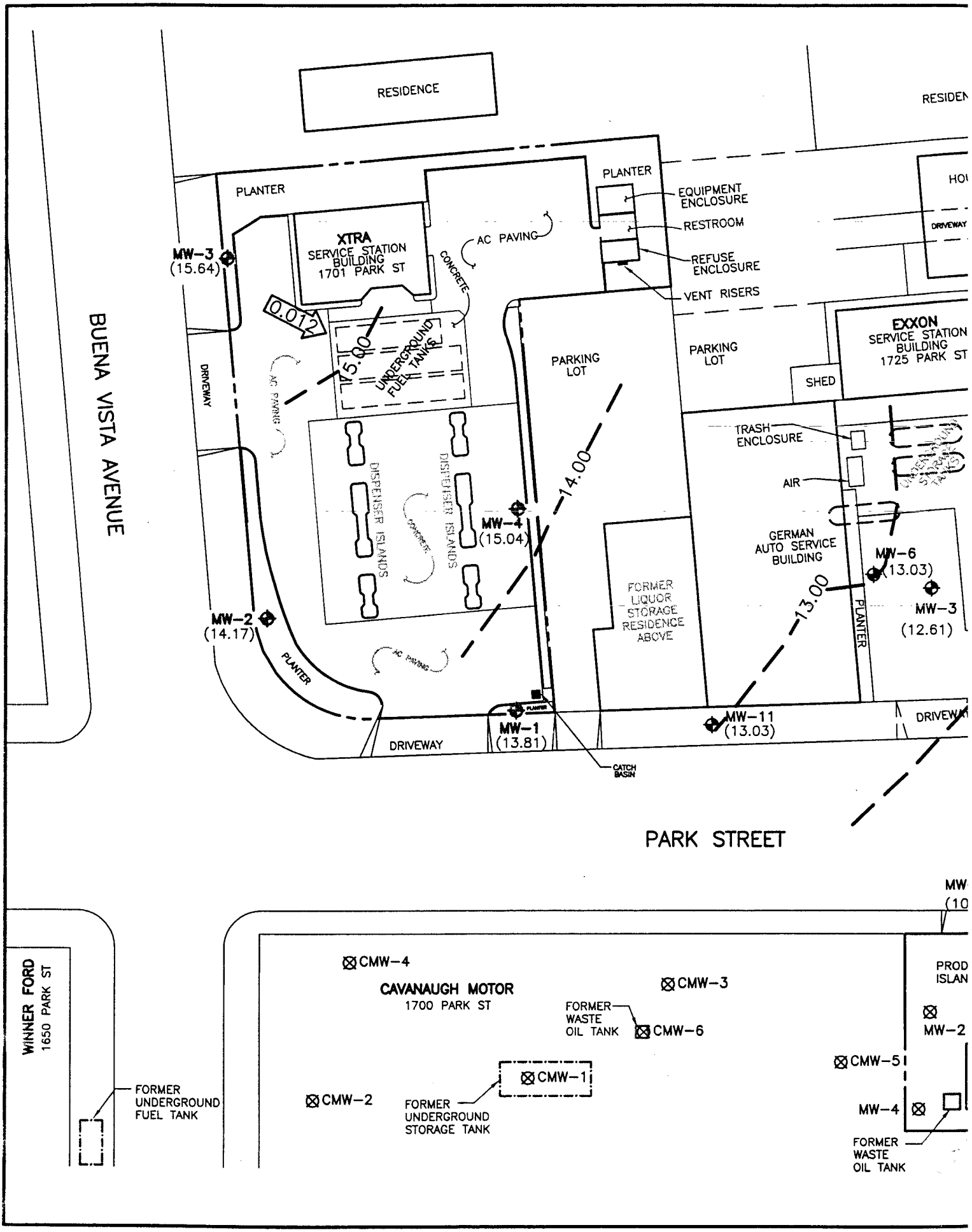
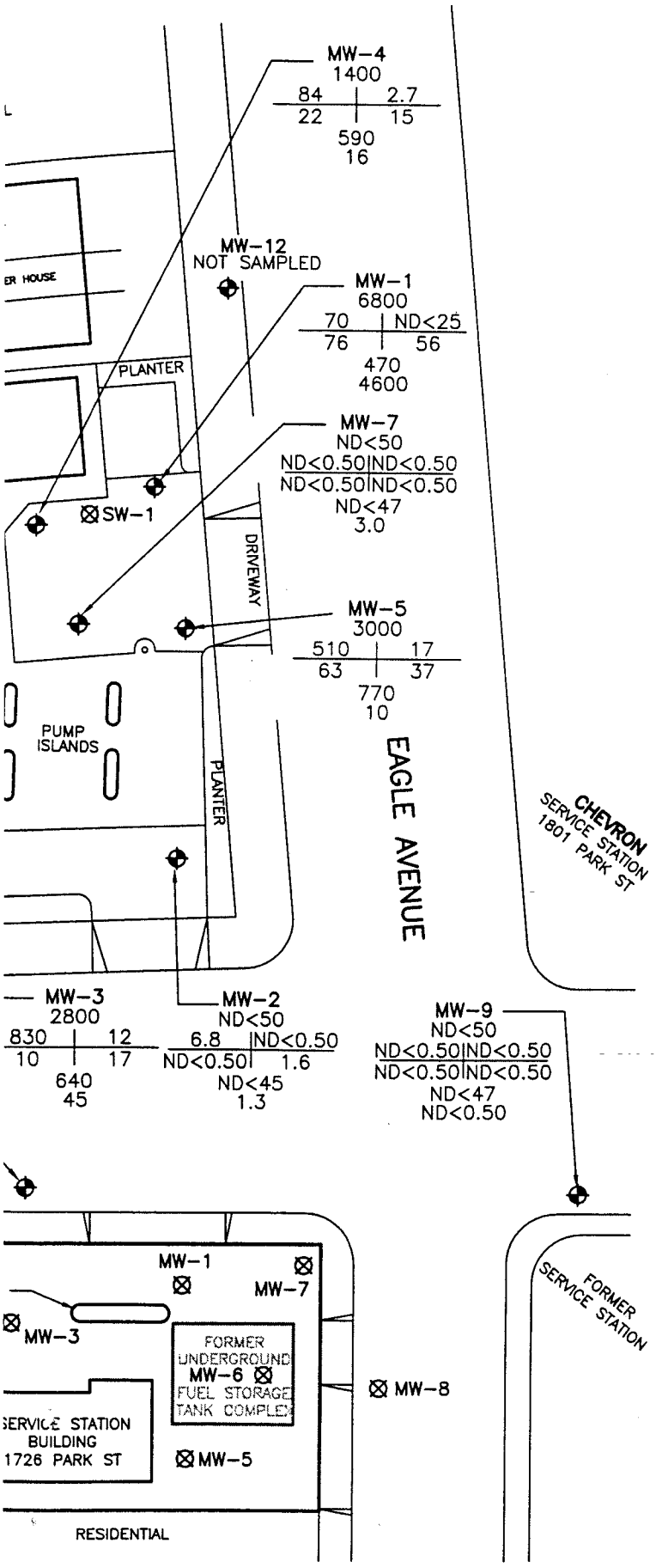
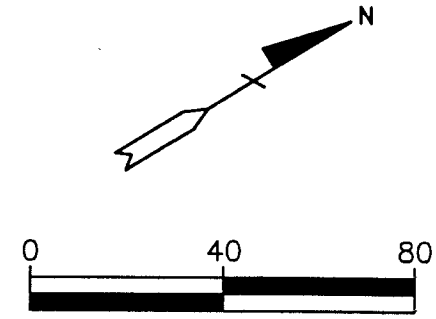

RESIDENCE
PLANTER
XTRA
SERVICE STATION
BUILDING
1701 PARK ST
AC PAVING
CONCRETE
EQUIPMENT
ENCLOSURE
RESTROOM
REFUSE
ENCLOSURE
VENT RISERS
MW-3
(15.64)
0.012
15.00
UNDERGROUND
FUEL TANKS
DRIVEWAY
PARKING
LOT
EXXON
SERVICE STATION
BUILDING
1725 PARK ST
SHED
TRASH
ENCLOSURE
AIR
DISPENSER ISLANDS
MW-4
(15.04)
14.00
GERMAN
AUTO SERVICE
BUILDING
MW-6
(13.03)
MW-3
(12.61)
13.00
FORMER
LIQUOR
STORAGE
RESIDENCE
ABOVE
MW-2
(14.17)
MW-1
(13.81)
MW-11
(13.03)
CATCH
BASIN
BUENA VISTA AVENUE
PARK STREET
WINNER FORD
1650 PARK ST
FORMER
UNDERGROUND
FUEL TANK
CMW-4
CAVANAUGH MOTOR
1700 PARK ST
CMW-3
FORMER
WASTE
OIL TANK
CMW-6
CMW-1
CMW-2
FORMER
UNDERGROUND
STORAGE TANK
CMW-5
MW-2
MW-4
FORMER
WASTE
OIL TANK





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
⇦ 0.012	CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

EXXON SERVICE STATION DEPTHS TO WATER TAKEN MARCH 13, 2006.

FIGURE 3

CONCENTRATIONS OF PETROLEUM HYDROCABONS IN GROUNDWATER

APRIL 4, 2006

XTRA OIL COMPANY SERVICE STATION
1701 PARK STREET
ALAMEDA, CALIFORNIA

PROJECT NO. 10-210

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

6/1/06

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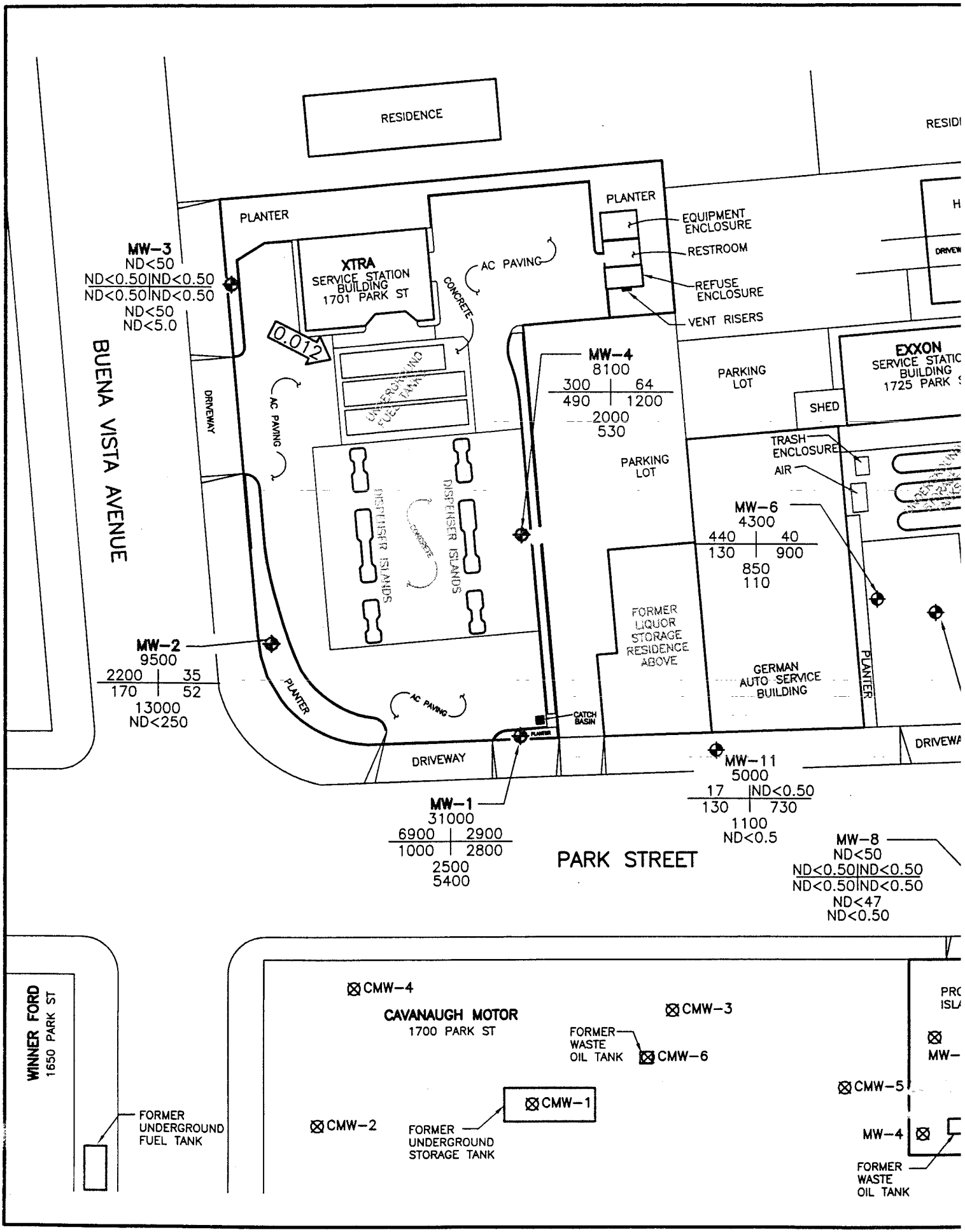
RESIDENCE
PLANTER
MW-3
ND<50
ND<0.50 ND<0.50
ND<0.50 ND<0.50
ND<50
ND<5.0
XTRA
SERVICE STATION
BUILDING
1701 PARK ST
AC PAVING
CONCRETE
EQUIPMENT ENCLOSURE
RESTROOM
REFUSE ENCLOSURE
VENT RISERS
0.012
BUENA VISTA AVENUE
DRIVEWAY
UNDERGROUND FUEL TANK
MW-4
8100
300 64
490 1200
2000
530
PARKING LOT
SHED
EXXON
SERVICE STATIC
BUILDING
1725 PARK
TRASH ENCLOSURE
AIR
DISPENSER ISLANDS
MW-6
4300
440 40
130 900
850
110
FORMER LIQUOR STORAGE RESIDENCE ABOVE
GERMAN AUTO SERVICE BUILDING
PLANTER
MW-2
9500
2200 35
170 52
13000
ND<250
CATCH BASIN
DRIVEWAY
MW-11
5000
17 ND<0.50
130 730
1100
ND<0.5
MW-1
31000
6900 2900
1000 2800
2500
5400
PARK STREET
MW-8
ND<50
ND<0.50 ND<0.50
ND<0.50 ND<0.50
ND<47
ND<0.50
WINNER FORD
1650 PARK ST
FORMER UNDERGROUND FUEL TANK
CMW-4
CAVANAUGH MOTOR
1700 PARK ST
CMW-3
FORMER WASTE OIL TANK
CMW-6
CMW-5
CMW-1
CMW-2
FORMER UNDERGROUND STORAGE TANK
MW-4
FORMER WASTE OIL TANK

TABLES

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	46000	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	---	---	---	6.2	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
MW-1	09/12/05	19.60	7.89	---	11.71	60000	4600	4900	8200	1900	7300	2300	---	---	---	2.6	MCC
QC-1 (c)	09/12/05	---	---	---	---	58000	---	5000	8500	1900	7300	2200	---	---	---	---	MCC
MW-1	01/04/06 (g)	19.60	6.09	---	13.51	54000	2900	8800	3500	970	3700	5400	---	---	---	---	MCC
QC-1 (c)	01/04/06 (g)	---	---	---	---	46000	---	8500	3500	970	3700	5200	---	---	---	---	MCC
MW-1	04/04/06 (h)	19.60	5.71	<0.01	13.89	31000	2500	6700	2800	980	2800	5400	---	---	---	---	MCC
QC-1 (c)	04/04/06 (h)	---	---	---	---	31000	---	6900	2900	1000	2800	5800	---	---	---	---	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	05/09/97	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	7.90	---	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	65	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	670	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
MW-2	09/12/05	20.31	8.25	0.01	12.06	10000	11000	2600	30	200	ND<10	660	---	---	---	2.6	MCC
MW-2	01/04/06 (g)	20.31	6.45	<0.01	13.86	7300	14000	1500	18	180	47	ND<250	---	---	---	---	MCC
MW-2	04/04/06 (h)	20.31	6.14	---	14.17	9500	130000	2200	35	170	52	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-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
MW-4		09/12/05		19.69		7.84	---	11.85		24000	4000	1400	640	1400	3900	1400	---	---	---	2.2	MCC
MW-4		01/04/06	(g)	19.69		4.65	---	15.04		20000	2800	740	350	930	2900	1100	---	---	---	---	MCC
MW-4		04/04/06	(h)	19.69		4.62	---	15.07		8100	2000	300	64	490	1200	530	---	---	---	---	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.

(g) 4th Quarter 2005 sampling

(h) 1st Quarter 2006 sampling

TABLE 1A

CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0104

1725 Park Street

Alameda, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW1	09/13/04	17.29	6.62	10.67	NLPH	221d	754	479	---	34.4	1.5	1.1	1.2
MW1	12/22/04	17.29	5.67	11.62	NLPH	288d, f	775	253	---	38.8	1.0	1.8	0.8
MW1	03/24/05	17.29	4.63	12.66	NLPH	471d	952	---	120	41.6	1.4	12.8	6.0
MW1	06/14/05	17.29	5.55	11.74	NLPH	695d	605	---	91	37.9	2.5	2.6	2.5
MW1	09/12/05	17.29	8.16	9.13	NLPH	260d	1,410	---	4,780	1.43	<0.50	0.82	1.08
MW1	12/13/05	17.29	6.86	10.43	NLPH	182d	4,610	---	6000h	2.35	0.71	<0.50	<0.50
MW1	03/13/06	17.29	6.31	10.98	NLPH	470d	6,800i	---	4,600	70	<25	76	56
MW2	09/12/94	16.67	6.71	9.96	NLPH	---	31,000a	---	---	4,400	120	1,700	2,100
MW2	10/01/94	16.67	7.22	9.45	NLPH	---	45,000a	---	---	4,500	250	1,800	2,400
MW2	01/13/95	16.67	4.46	12.21	NLPH	---	---	---	---	---	---	---	---
MW2	04/27/95	16.67	6.92	9.75	NLPH	---	44,000	---	---	7,000	840	2,400	3,400
MW2	08/03/95	16.67	6.96	9.71	NLPH	---	30,000	37,000	---	4,600	170	1,600	1,100
MW2	10/17/95	16.67	7.83	8.84	NLPH	---	45,000	14,000	---	5,400	190	2,000	1,500
MW2	01/24/96	16.67	6.45	10.22	NLPH	---	30,000	4,100	---	5,000	810	2,200	2,200
MW2	04/24/96	16.67	6.00	10.67	NLPH	---	34,000	22,000	---	8,700	410	2,200	2,000
MW2	07/26/96	16.67	7.14	9.53	NLPH	---	40,000	18,000	---	10,000	<200	1,800	760
MW2	10/30/96	16.67	6.95	9.72	NLPH	---	43,000	18,000	---	9,100	<250	2,400	730
MW2	01/31/97	16.67	5.07	11.60	NLPH	---	28,000	8,000	---	2,400	630	1,500	3,300
MW2	04/10/97	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	07/10/97	16.67	7.34	9.33	NLPH	---	18,000	2,600	---	2,900	82	1,500	530
MW2	10/08/97	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	01/28/98	16.67	4.46	12.21	NLPH	---	29,000	---	28,000	5,600	410	1,500	720
MW2	04/14/98	16.67	4.48	12.19	---	---	---	---	---	---	---	---	---
MW2	07/30/98	16.67	6.01	10.66	NLPH	---	24,000	6,300	---	7,500	<200	1,300	280
MW2	10/19/98	16.67	6.35	10.32	NLPH	---	---	---	---	---	---	---	---
MW2	01/13/99	16.67	6.54	10.13	NLPH	---	18,400	2,200	---	4,750	211	1,760	45.3
MW2	04/28/99	16.67	5.54	11.13	---	---	---	---	---	---	---	---	---
MW2	07/09/99	16.67	6.45	10.22	NLPH	---	14,100	3,410	---	4,270	80.1	1,300	339
MW2	10/25/99	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	01/21/00	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	02/11/00	16.67	---	---	NLPH	---	<50	15	---	<1.0	<1.0	<1.0	<1.0
MW2	04/14/00	16.67	4.69	11.98	NLPH	---	---	---	---	---	---	---	---
MW2	06/16/00	16.67	Property transferred to Valero Refining Company.										
MW2	07/05/00	16.67	5.44	11.23	NLPH	---	150	86	---	15	<0.5	6.2	2.8
MW2	10/03/00	16.67	6.31	10.36	NLPH	---	200	2,500	---	35	0.51	5.1	12
MW2	01/02/01	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	04/02/01	16.67	5.00	11.67	NLPH	---	<50	680	---	3.6	<0.5	<0.5	<0.5
MW2	07/02/01	16.67	5.62	11.05	NLPH	---	1,400	890	---	13	1.1	<0.5	1.1
MW2	10/15/01	16.67	7.55	9.12	NLPH	---	620	1,900	---	190	3.5	4.5	7
MW2	Nov-01	16.39	Well surveyed in compliance with AB 2886 requirements.										
MW2	02/04/02	16.39	4.71	11.68	NLPH	69.0	122	7.10	---	31.4	5.40	9.10	10.4
MW2	05/06/02	16.39	5.08	11.31	NLPH	252	1,250	646	958	125	22.5	68.2	63.1

TABLE 1A

CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0104

1725 Park Street

Alameda, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	01/02/01	17.11	5.78	11.33	NLPH	560c	2,700	3,100	—	1300	8.8	11	21.3
MW3	04/02/01	17.11	4.71	12.40	NLPH	620	3,700	1,400	—	1,400	11	36	21
MW3	07/02/01	17.11	5.82	11.29	NLPH	880	5,300	1,200	—	1,300	32	30	730
MW3	10/15/01	17.11	6.12	10.99	NLPH	210d	2,300	1,800	—	630	2.5	8.2	3.34
MW3	Nov-01	17.02	Well surveyed in compliance with AB 2886 requirements.										
MW3	02/04/02	17.02	4.59	12.43	NLPH	402	8,830	1,420	—	2,300	166	150	158
MW3	05/06/02	17.02	4.84	12.18	NLPH	1,300	7,950	544	967	1,930	18.0	80.0	648
MW3	08/22/02	17.02	6.42	10.60	NLPH	416	2,270	298	—	506	3.5	8.0	6.5
MW3	11/08/02	17.02	5.66	11.36	NLPH	193	1,640	470	—	330	1.8	4.9	2.7
MW3	02/07/03	17.02	4.99	12.03	NLPH	800	1,360	662	—	328	6.5	9.0	35.0
MW3	05/02/03	17.02	4.73	12.29	NLPH	562	2,500	300	—	306	4.8	17.5	29.1
MW3	08/14/03	17.02	6.02	11.00	NLPH	227d	2,040	367	—	356	3.4	3.9	3.2
MW3	11/14/03	17.02	6.01	11.01	NLPH	280d	1,880	794	—	244	2.6	3.7	4.5
MW3	03/01/04	17.02	3.71	13.31	NLPH	484d	3,660	—	288	865	11.5	22.5	20.5
MW3	06/15/04	17.02	5.28	11.74	NLPH	666d	9,980	180	—	1,120	82.0	86.0	1,740
MW3	09/13/04	17.02	5.91	11.11	NLPH	390d	1,640	183	—	454	4.8	6.7	6.8
MW3	12/22/04	17.02	4.88	12.14	NLPH	209d, f	1,770	44.9	—	230	2.8	8.2	9.2
MW3	03/24/05	17.02	3.59	13.43	NLPH	808d	4,800	---	128	930	45.1	59.6	425
MW3	06/14/05	17.02	4.71	12.31	NLPH	1,440d	6,080	—	144	1,330	34.0	39.0	217
MW3	09/12/05	17.02	7.03	9.99	NLPH	417d	1,480	—	114	447	4.48	8.40	13.9
MW3	12/13/05	17.02	5.89	11.13	NLPH	317d	1,160	—	26.5	218	2.19	3.87	6.70
MW3	03/13/06	17.02	4.41	12.61	NLPH	640d	2,800	---	45	830	12	10	17
MW4	09/12/94	17.34	6.80	10.54	NLPH	---	5,200a	---	---	900	57	310	490
MW4	10/01/94	17.34	7.09	10.25	NLPH	—	9,100a	—	—	1,200	66	360	380
MW4	01/13/95	17.34	4.66	12.68	NLPH	—	25,000a	—	—	1,300	200	550	1,000
MW4	04/27/95	17.34	5.54	11.80	NLPH	—	5,900	—	—	650	130	350	590
MW4	08/03/95	17.34	6.92	10.42	NLPH	—	4,200	5,700	—	1,000	<12	170	140
MW4	10/17/95	17.34	7.50	9.84	NLPH	---	6,900	1,700	---	1,300	30	360	380
MW4	01/24/96	17.34	5.81	11.53	NLPH	—	6,300	830	—	1,900	46	290	330
MW4	04/24/96	17.34	5.44	11.90	NLPH	---	5,000	1,600	---	1,800	<20	190	130
MW4	07/26/96	17.34	7.03	10.31	NLPH	—	9,100	1,200	—	1,700	<25	340	280
MW4	10/30/96	17.34	7.57	9.77	NLPH	---	5,300	1,500	---	1,100	35	420	300
MW4	01/31/97	17.34	4.22	13.12	NLPH	—	6,500	40,000	—	1,200	28	490	130
MW4	04/10/97	17.34	—	---	—	—	---	---	---	---	---	---	---
MW4	07/10/97	17.34	7.56	9.78	NLPH	—	10,000	11,000	—	1,100	120	470	720
MW4	10/08/97	17.34	---	---	---	—	---	—	---	—	—	—	---
MW4	01/28/98	17.34	3.70	13.64	NLPH	---	1,700	---	4,900	450	6.8	220	73
MW4	04/14/98	17.34	3.81	13.53	---	---	---	---	---	---	---	---	—
MW4	07/30/98	17.34	5.96	11.38	NLPH	—	2,900	2,800	---	680	<10	220	56
MW4	10/19/98	17.34	6.51	10.83	NLPH	—	—	—	---	---	---	---	—
MW4	01/13/99	17.34	6.24	11.10	NLPH	---	2,140	1,800	---	146	<10	60.9	16.2
MW4	04/28/99	17.34	4.80	12.54	---	—	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW5	10/08/97	16.71	---	---	---	---	---	---	---	---	---	---	---
MW5	01/28/98	16.71	3.95	12.76	NLPH	---	6,500	---	15,000	1,500	34	73	57
MW5	04/14/98	16.71	4.30	12.41	---	---	---	---	---	---	---	---	---
MW5	07/30/98	16.71	5.86	10.85	NLPH	---	8,300	4,300	---	1,700	26	110	66
MW5	10/19/98	16.71	6.20	10.51	NLPH	---	---	---	---	---	---	---	---
MW5	01/13/99	16.71	6.37	10.34	NLPH	---	4,780	3,650	---	1,240	11.1	<10	<10
MW5	04/28/99	16.71	5.25	11.46	---	---	---	---	---	---	---	---	---
MW5	07/09/99	16.71	6.08	10.63	NLPH	---	4,360	2,360	---	1,780	18.6	45	<5.0
MW5	10/25/99	16.71	6.46	10.25	NLPH	---	---	---	---	---	---	---	---
MW5	01/21/00	16.71	5.79	10.92	NLPH	---	2,600	3,100	---	720	4.7	25	11.3
MW5	04/14/00	16.71	4.57	12.14	NLPH	---	---	---	---	---	---	---	---
MW5	06/16/00	16.71	Property transferred to Valero Refining Company.										
MW5	07/05/00	16.71	5.37	11.34	NLPH	---	5,100	360	---	1,800	14	52	34
MW5	10/03/00	16.71	5.93	10.78	NLPH	---	5,800	630	---	2,000	8.9	59	21
MW5	01/02/01	16.71	5.68	11.03	NLPH	---	4,800	1,100	---	1,600	9.6	38	15
MW5	04/02/01	16.71	4.87	11.84	NLPH	---	6,800	1,500	---	2,000	40	150	49
MW5	07/02/01	16.71	5.77	10.94	NLPH	---	4,100	960	---	1,600	20	35	21
MW5	10/15/01	16.71	6.15	10.56	NLPH	---	3,900	1,000	---	1,400	8.7	17	15.7
MW5	Nov-01	16.64	Well surveyed in compliance with AB 2886 requirements.										
MW5	02/04/02	16.64	4.69	11.95	NLPH	976	4,380	620	---	1,440	38.0	84.0	50.0
MW5	05/06/02	16.64	5.00	11.64	NLPH	1,360	3,810	764	1,220	1,110	20.0	26.0	26.0
MW5	08/22/02	16.64	6.98	9.66	NLPH	695	3,190	545	---	823	9.0	11.0	31.0
MW5	11/08/02	16.64	5.31	11.33	NLPH	645	3,360	746	---	1,050	9.4	11.1	17.8
MW5	02/07/03	16.64	5.75	10.89	NLPH	689	3,550	400	---	1,100	25.0	65.0	29.0
MW5	05/02/03	16.64	5.34	11.30	NLPH	934	4,070	439	---	818	16.9	31.9	28.6
MW5	08/14/03	16.64	6.37	10.27	NLPH	988d	3,860	286	---	912	15.6	16.2	24.0
MW5	11/14/03	16.64	6.01	10.63	NLPH	1,000d	3,450	198	---	841	15.0	14.8	17.4
MW5	03/01/04	16.64	4.04	12.60	NLPH	711d	3,160	---	52.7	767	21.5	32.5	26.5
MW5	06/15/04	16.64	5.47	11.17	NLPH	600d	4,520	52.0	---	930	14.5	17.5	24.5
MW5	09/13/04	16.64	5.99	10.65	NLPH	686d	3,960	70.0	---	998	12.0	14.0	20.0
MW5	12/22/04	16.64	5.08	11.56	NLPH	1,200d, f	3,110	52.6	---	1,000	58.5	91.9	90.3
MW5	03/24/05	16.64	3.85	12.79	NLPH	1,240d	3,370	---	30.7	962	24.3	80.5	80.0
MW5	06/14/05	16.64	4.92	11.72	NLPH	1,640d	4,210	---	28.1	976	25.0	51.0	64.0
MW5	09/12/05	16.64	7.86	8.78	NLPH	780d	1,130	---	23.4	481	6.44	4.94	10.1
MW5	12/13/05	16.64	6.22	10.42	NLPH	1,090d	2,210	---	18.7	698	8.07	9.59	8.15
MW5	03/13/06	16.64	5.52	11.12	NLPH	770d	3,000	---	10	510	17	63	37
MW6	09/12/94	17.56	6.88	10.68	NLPH	---	1,500a	---	---	150	4.4	170	85
MW6	10/01/94	17.56	7.15	10.41	NLPH	---	87a	---	---	120	<0.5	99	38
MW6	01/13/95	17.56	4.80	12.76	NLPH	---	9,900a	---	---	710	220	780	1,100
MW6	04/27/95	17.56	6.14	11.42	NLPH	---	3,900	---	---	340	40	460	320
MW6	08/03/95	17.56	6.83	10.73	NLPH	---	1,100	65	---	89	<2.5	110	63
MW6	10/17/95	17.56	7.66	9.90	NLPH	---	8,500	<5.0	---	410	74	850	110

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0104
1725 Park Street
Alameda, California
(Page 8 of 18)

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW7	09/12/94	17.12	6.43	10.69	NLPH	---	6,000a	---	---	490	50	280	70
MW7	10/01/94	17.12	6.71	10.41	NLPH	---	8,900a	---	---	940	670	310	160
MW7	01/13/95	17.12	4.29	12.83	NLPH	---	20,000a	---	---	590	780	970	4,200
MW7	04/27/95	17.12	5.00	12.12	NLPH	---	8,800	---	---	410	32	410	230
MW7	08/03/95	17.12	6.53	10.59	NLPH	---	4,900	17,000	---	390	<50	290	<50
MW7	10/17/95	17.12	7.23	9.89	NLPH	---	6,700	17,000	---	530	26	240	25
MW7	01/24/96	17.12	5.26	11.86	NLPH	---	9,300	60,000	---	2,000	390	350	230
MW7	04/24/96	17.12	5.06	12.06	NLPH	---	9,000	360,000	---	2,400	850	150	130
MW7	07/26/96	17.12	6.62	10.50	NLPH	---	4,800	86,000	---	530	25	60	46
MW7	10/30/96	17.12	7.09	10.03	NLPH	---	3,400	28,000	---	180	9.8	58	38
MW7	01/31/97	17.12	3.65	13.47	NLPH	---	3,800	45,000	---	300	18	48	37
MW7	04/10/97	17.12	---	---	---	---	---	---	---	---	---	---	---
MW7	07/10/97	17.12	7.44	9.68	NLPH	---	3,500	18,000	---	70	<25	<25	<25
MW7	10/08/97	17.12	---	---	---	---	---	---	---	---	---	---	---
MW7	01/28/98	17.12	3.06	14.06	NLPH	---	100	---	250	1.0	<0.5	<0.5	0.67
MW7	04/14/98	17.12	3.10	14.02	---	---	---	---	---	---	---	---	---
MW7	07/30/98	17.12	5.78	11.34	NLPH	---	100	670	---	1.4	<0.5	<0.5	<0.5
MW7	10/19/98	17.12	6.25	10.87	NLPH	---	---	---	---	---	---	---	---
MW7	01/13/99	17.12	5.98	11.14	NLPH	---	273	530	---	<2.5	<2.5	<2.5	<2.5
MW7	04/26/99	17.12	4.32	12.80	---	---	---	---	---	---	---	---	---
MW7	07/09/99	17.12	5.67	11.45	NLPH	---	139	860	---	3.79	7.10	1.19	8.65
MW7	10/25/99	17.12	6.23	10.89	NLPH	---	<50	<1.0	---	<1.0	<1.0	<1.0	<1.0
MW7	01/21/00	17.12	5.41	11.71	NLPH	---	410	500	---	10	2.5	<1.0	2.5
MW7	04/14/00	17.12	3.84	13.28	NLPH	---	---	---	---	---	---	---	---
MW7	06/16/00	17.12	Property transferred to Valero Refining Company.										
MW7	07/05/00	17.12	5.05	12.07	NLPH	---	140	480	---	<0.5	<0.5	<0.5	0.56
MW7	10/03/00	17.12	5.88	11.24	NLPH	---	370	1,900	---	<0.5	0.62	<0.5	3.20
MW7	01/02/01	17.12	5.52	11.60	NLPH	---	120	1,500	---	2.2	<0.5	<0.5	<0.5
MW7	04/02/01	17.12	4.26	12.86	NLPH	---	120	1,500	---	0.91	<0.5	<0.5	<0.5
MW7	07/02/01	17.12	5.42	11.70	NLPH	---	110	740	---	4.1	<0.5	0.75	0.84
MW7	10/15/01	17.12	7.50	9.62	NLPH	---	170	740	---	<0.5	<0.5	<0.5	0.69
MW7	Nov-01	17.06	Well surveyed in compliance with AB 2886 requirements.										
MW7	02/04/02	17.06	3.81	13.25	NLPH	88.0	928	610	---	<0.50	<0.50	<0.50	<0.50
MW7	05/06/02	17.06	4.51	12.55	NLPH	72	591	565	712.0	2.4	<0.5	2.5	4.1
MW7	08/22/02	17.06	6.25	10.81	NLPH	<50	586	482	---	2.5	<2.5	<2.5	3.0
MW7	11/08/02	17.06	5.03	12.03	NLPH	<50	463	319	---	1.7	<0.5	<0.5	0.6
MW7	02/07/03	17.06	4.57	12.49	NLPH	<50	344	440	---	0.9	0.9	0.8	3.5
MW7	05/02/03	17.06	4.39	12.67	NLPH	<50	323	307	---	0.80	<0.5	<0.5	<0.5
MW7	08/14/03	17.06	5.96	11.10	NLPH	<50	197	45.5	---	2.00	<0.5	<0.5	1.0
MW7	11/14/03	17.06	6.04	11.02	NLPH	<50	146	48.0	---	1.50	<0.5	0.6	1.7
MW7	03/01/04	17.06	2.91	14.15	NLPH	138d	<50.0	---	8.10	<0.50	<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

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW8	08/22/02	16.24	6.07	10.17	NLPH	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW8	11/08/02	16.24	5.91	10.33	NLPH	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW8	02/07/03	16.24	5.34	10.90	NLPH	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW8	05/02/03	16.24	5.27	10.97	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW8	08/14/03	16.24	5.60	10.64	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW8	11/14/03	16.24	6.01	10.23	NLPH	55d	<50.0	<0.5	—	<0.50	<0.5	0.7	1.7
MW8	03/01/04	16.24	5.16	11.08	NLPH	<50	<50.0	—	<0.50	<0.50	<0.5	<0.5	<0.5
MW8	06/15/04	16.24	5.36	10.88	NLPH	<50	<50.0	<0.50	—	<0.50	<0.5	<0.5	<0.5
MW8	09/13/04	16.24	5.81	10.43	NLPH	<50	<50.0	0.9	—	<0.50	<0.5	<0.5	0.7
MW8	12/22/04	16.24	5.42	10.82	NLPH	<50	<50.0	<0.50	—	0.50	<0.5	0.5	<0.5
MW8	03/24/05	16.24	5.03	11.21	NLPH	<50	<50.0	—	<0.50	<0.50	<0.5	<0.5	<0.5
MW8	06/14/05	16.24	5.09	11.15	NLPH	<50	<50.0	—	<0.50	<0.50	<0.5	<0.5	<0.5
MW8	09/12/05	16.24	6.24	10.00	NLPH	69.5d	<50.0	—	<0.500	<0.50	<0.50	<0.50	<0.50
MW8	12/13/05	16.24	5.69	10.55	NLPH	<50.0	<50.0	—	<0.500	<0.50	<0.50	<0.50	<0.50
MW8	**03/13/06**	**16.24**	**5.28**	**10.96**	**NLPH**	**<47**	**<50**	—	**<0.50**	**0.69**	**<0.50**	**<0.50**	**<0.50**
MW9	09/12/94	15.62	6.84	8.78	NLPH	—	<50a	—	—	<0.5	<0.5	<0.5	<0.5
MW9	10/01/94	15.62	6.97	8.65	NLPH	—	<50a	—	—	<0.5	<0.5	<0.5	<0.5
MW9	01/13/95	15.62	6.18	9.44	NLPH	—	<50a	—	—	<0.5	<0.5	<0.5	<0.5
MW9	04/27/95	15.62	6.58	9.04	NLPH	—	<50	—	—	<0.5	<0.5	<0.5	<0.5
MW9	08/03/95	15.62	6.72	8.90	NLPH	—	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	10/17/95	15.62	7.09	8.53	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	01/24/96	15.62	6.46	9.16	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	04/24/96	15.62	6.43	9.19	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	07/26/96	15.62	6.80	8.82	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	10/30/96	15.62	6.94	8.68	NLPH	—	<50	<5.0	—	<0.5	<0.5	<0.5	<0.5
MW9	01/31/97	15.62	6.10	9.52	NLPH	—	—	—	—	—	—	—	—
MW9	04/10/97	15.62	—	—	—	—	—	—	—	—	—	—	—
MW9	07/10/97	15.62	—	—	—	—	—	—	—	—	—	—	—
MW9	10/08/97	15.62	—	—	—	—	—	—	—	—	—	—	—
MW9	01/28/98	15.62	5.66	9.96	NLPH	—	—	—	—	—	—	—	—
MW9	04/14/98	15.62	—	—	—	—	—	—	—	—	—	—	—
MW9	07/30/98	15.62	6.17	9.45	NLPH	—	—	—	—	—	—	—	—
MW9	10/19/98	15.62	6.40	9.22	NLPH	—	—	—	—	—	—	—	—
MW9	01/13/99	15.62	6.28	9.34	NLPH	—	—	—	—	—	—	—	—
MW9	04/28/99	15.62	5.87	9.75	NLPH	—	<50	—	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	07/09/99	15.62	6.24	9.38	NLPH	—	<50	<2.0	—	<0.5	<0.5	<0.5	<0.5
MW9	10/25/99	15.62	6.67	8.95	NLPH	—	<50	<1.0	—	<1.0	<1.0	<1.0	<1.0
MW9	01/21/00	15.62	6.93	8.69	NLPH	—	<50	<1.0	—	<1.0	<1.0	<1.0	<1.0
MW9	04/14/00	15.62	6.05	9.57	Turbid	—	<50	<1	—	<1	<1	<1	<1
MW9	06/16/00	15.62	Property transferred to Valero Refining Company.										
MW9	07/05/00	15.62	6.34	9.28	NLPH	—	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW9	10/03/00	15.62	6.52	9.10	NLPH	—	<50	<2	—	<0.5	<0.5	<0.5	<0.5

APPENDIX A

WATER SAMPLING FIELD SURVEY FORMS

ALISTO ENGINEERING GROUP
GROUNDWATER MONITORING

Client: Xtra Oil
Alisto Project No: 10-210-21004
Service Station No: _____

Date: 4/4/06
Field Personnel: LCB
Site Address: 1701 Park St, Alameda

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-1	2"	3	19.90	5.71	Ø	Ø	
MW-2	↓	4	19.10	6.14	—	—	irredescence (sheen)
MW-3		1	19.20	4.93	Ø	Ø	
MW-4		2	13.40	4.62	Ø	Ø	

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: 4/4/06
Day: M (T) W TH F
Project No.: 10-210-21004

Well MW-3

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-3	4.93	2"	19.20	O.K.

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

19.20 - 4.93 = 14.27 X .16 = 2.28
2.28 X3 = 6.84

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

Comments:

Gal.	Time	Temp F or C	pH	E.C. ms/cm (umhos/cm)	D.O. mg/l	Eh Millivolts	Turbidity NTU
3	1006	15.0	6.70	.349			
5	1010	15.5	6.55	.288			
7	1015	15.8	6.50	.288			

Laboratory Analyses Requested

TIME/SAMPLE ID: 1015

Well MW-4

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-4	4.62	2"	13.40	O.K.

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

13.40 - 4.62 = 8.78 X 16/3 = 1.40
1.40 X3 = 4.20

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

Comments:

Gal.	Time	Temp F or C	pH	E.C. ms/cm (umhos/cm)	D.O. mg/l	Eh Millivolts	Turbidity NTU
2	1030	14.6	6.65	.552			
3	1038	15.0	6.82	.550			
5	1045	15.0	6.88	.548			

Laboratory Analyses Requested

TIME/SAMPLE ID: 1045

Well MW-1

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-1	5.71	2"	19.90	O.K.

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

19.90 - 5.71 = 14.19 X .16 = 2.27
2.27 X3 = 6.81

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

Comments: QC-1 (Dup.) taken from this well

Gal.	Time	Temp F or C	pH	E.C. ms/cm (umhos/cm)	D.O. mg/l	Eh Millivolts	Turbidity NTU
3	1102	16.7	6.62	.792			
5	1107	17.3	6.70	1.28			
7	1115	17.5	6.73	1.30			

Laboratory Analyses Requested

TIME/SAMPLE ID: 1115

Field Form_gw xls

ALISTO

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

Field Report / Sampling Data Sheet

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

Date: 4/4/06
Day: M T W TH F
Tech: LB

Project No.: 10-210-21|004

Well ID	DTW	Diameter	Total Depth	Cap / Lock
MW-2	6.14	2"	19.10	O.K.

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

19.10 - 6.14 = 12.96 X .16 = 2.07
2.07 X 3 = 6.21

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

Comments: Service PPRS

Gal.	Time	Temp F or C	pH	E.C. ~~umhos/cm~~ mS/cm	D.O. mg/l	Eh Millivolts	Turbidity NTU
3	1135	17.2	6.70	.932			
5	1140	17.5	6.71	.874			
7	1145	17.5	6.74	.872			

Laboratory Analyses Requested

TIME/SAMPLE ID: 1145

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

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: #10-210-21/004; Xtrea Oil	Date Sampled: 04/04/06
		Date Received: 04/05/06
	Client Contact: Rhea Farley	Date Reported: 04/10/06
	Client P.O.:	Date Completed: 04/10/06

WorkOrder: 0604064

April 10, 2006

Dear Rhea:

Enclosed are:

1). the results of **5** analyzed samples from your **#10-210-21/004; Xtrea 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.

Best regards,

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: #10-210-21/004; Xtrea Oil	Date Sampled: 04/04/06
2737 North Main Street, Ste 100		Date Received: 04/05/06
Walnut Creek, CA 94597	Client Contact: Rhea Farley	Date Extracted: 04/06/06-04/07/06
	Client P.O.:	Date Analyzed: 04/06/06-04/07/06

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0604064

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	31,000,a	5400	6700	2800	980	2800	100	114
002A	MW-2	W	9500,a,h	ND<250	2200	35	170	52	20	100
003A	MW-3	W	ND	ND	ND	ND	ND	ND	1	110
004A	MW-4	W	8100,a	530	300	64	490	1200	10	112
005A	QC-1	W	31,000,a	5800	6900	2900	1000	2800	100	116
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. 2737 North Main Street, Ste 100 Walnut Creek, CA 94597	Client Project ID: #10-210-21/004; Xtrea Oil	Date Sampled: 04/04/06
		Date Received: 04/05/06
	Client Contact: Rhea Farley	Date Extracted: 04/05/06
	Client P.O.:	Date Analyzed: 04/05/06-04/06/06

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

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0604064

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0604064-001B	MW-1	W	2500,d	1	111
0604064-002B	MW-2	W	130,000,c,d,h	10	107
0604064-003B	MW-3	W	ND	1	89
0604064-004B	MW-4	W	2000,d	1	89

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: 0604064

EPA Method: SW8021B/8015Cm **Extraction: SW5030B** **BatchID: 21125** **Spiked Sample ID: 0604064-003A**

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	97.4	103	5.24	98.2	93.2	5.27	70 - 130	70 - 130
MTBE	ND	10	119	118	0.369	118	103	13.5	70 - 130	70 - 130
Benzene	ND	10	103	106	2.27	104	87.6	17.1	70 - 130	70 - 130
Toluene	ND	10	104	107	2.57	105	93.5	11.4	70 - 130	70 - 130
Ethylbenzene	ND	10	105	106	1.08	105	95.6	9.39	70 - 130	70 - 130
Xylenes	ND	30	95.3	99.3	4.11	95.7	89.3	6.85	70 - 130	70 - 130
%SS:	110	10	105	105	0	106	107	0.328	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 21125 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0604064-001A	4/04/06 11:15 AM	4/06/06	4/06/06 7:34 AM	0604064-002A	4/04/06 11:45 AM	4/07/06	4/07/06 6:17 AM
0604064-003A	4/04/06 10:15 AM	4/06/06	4/06/06 8:39 AM	0604064-004A	4/04/06 10:45 AM	4/07/06	4/07/06 8:26 AM
0604064-005A	4/04/06 11:15 AM	4/06/06	4/06/06 9:45 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 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.

£ 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: 0604064

EPA Method: SW8015C	Extraction: SW3510C	BatchID: 21126	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	101	101	0	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	99	99	0	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 21126 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0604064-001B	4/04/06 11:15 AM	4/05/06	4/05/06 10:07 PM	0604064-002B	4/04/06 11:45 AM	4/05/06	4/05/06 11:16 PM
0604064-003B	4/04/06 10:15 AM	4/05/06	4/06/06 12:24 AM	0604064-004B	4/04/06 10:45 AM	4/05/06	4/06/06 1:32 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 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 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0604064 **ClientID: AEGL** **EDF: NO**

Report to:
Rhea Farley
Alisto Engineering Grp.
2737 North Main Street, Ste 100
Walnut Creek, CA 94597
TEL: (925) 279-5000
FAX: (925) 279-5001
ProjectNo: #10-210-21/004; Xtrea Oil
PO:

Bill to:
Accounts Payable
Xtra Oil Company
2307 Park Avenue
Oakland, CA 94501

Requested TAT: 5 days
Date Received: 04/05/2006
Date Printed: 04/12/2006

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0604064-001	MW-1	Water	04/04/2006	☐	A	B										
0604064-002	MW-2	Water	04/04/2006	☐	A	B										
0604064-003	MW-3	Water	04/04/2006	☐	A	B										
0604064-004	MW-4	Water	04/04/2006	☐	A	B										
0604064-005	QC-1	Water	04/04/2006	☐	A											

Test Legend:

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

Prepared by: Kathleen Owen

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.

Oa040624 AEGL

ALISTO ENGINEERING GROUP
CHAIN OF CUSTODY

Project Information:	
Project No:	10-210-21/004
Project Title:	Xtra Oil
Location:	1701 Park St., Alameda, CA
Sampler's Name: (print)	Larry Buenvenida
Sampler's Signature:	Larry Buenvenida

Report To:	
Consultant:	Alisto Engineering Group
Address:	2737 North Main Street #100 Walnut Creek, CA 94597
Contact:	Rhea Farley
Phone:	(925) 279-5000
Fax:	(925) 279-5001
Bill To:	
Consultant:	Xtra Oil
Address:	2307 Pacific Ave. Alameda CA 94501

Samples Submitted To:	
Laboratory:	McCampbell Analytical, Inc.
Address:	110 2nd Ave. South, #D7 Pacheco, CA 94553
Contact:	Sample Receiving
Phone:	925-798-1620
Fax:	925-798-1622
Shipment Method:	Lab Courier
Air Bill Number:	

TURN AROUND TIME

RUSH	24 Hour	48 Hour	5 Day	Standard (10-14 days)
☐	☐	☐	☐	☒

Sample ID.	Date	Time	# Containers	Matrix	ANALYSIS: TPH-G/ BTXE/ MTBE (8021B/8015Cm)	ANALYSIS: TPH-D (8015C)	COMMENTS
MW-1	4/4/2006	1115	5	H20	X	X	Preservative: HCL Voas, Unpreserved Amber Liter
MW-2	4/4/2006	1145	5	H20	X	X	Preservative: HCL Voas, Unpreserved Amber Liter
MW-3	4/4/2006	1015	5	H20	X	X	Preservative: HCL Voas, Unpreserved Amber Liter
MW-4	4/4/2006	1045	5	H20	X	X	Preservative: HCL Voas, Unpreserved Amber Liter
QC-1	4/4/2006	1115	4	H20	X		Preservative: HCL Voas, Unpreserved Amber Liter

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

PRESERVATION	VOAS	O&G	METALS	OTHER
	✓			

Relinquished By: Larry Buenvenida	Date: 4/4/06	Time: 1124	Received By: Greg Schwarz 258	Date: 04/05/06	Time: 1124
Relinquished By: Greg Schwarz 258	Date: 04/05/06	Time: 1140	Received By: Kathleen Owen	Date: 4/5/06	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

SPECIAL INSTRUCTIONS:
1) Please Relinquish
2)
3) Cooler