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GROUNDWATER MONITORING AND SAMPLING REPORT

XTRA OIL COMPANY SERVICE STATION 1701 Park Street Alameda, California

Alisto Project No. 10-210

February 2003



GROUNDWATER MONITORING AND SAMPLING REPORT

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

Project No. 10-210-18-004

Prepared for:

Xtra Oil Company 2307 Pacific Avenue Alameda, California

Prepared by:

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February 13, 2003

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GROUNDWATER MONITORING AND SAMPLING REPORT

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INTRODUCTION

This report presents the results and findings of the November 8, 2002 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. Groundwater monitoring was performed concurrently with former Exxon Service Station 7-0104, 1725 Park Street, Alameda, California, the results of which are presented in Table 2.

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. The laboratory report and chain of custody record are presented in Appendix B.



FINDINGS

The findings of the November 8, 2002 groundwater monitoring and sampling event are as follows:

- Groundwater gradient as interpreted from the monitoring data was 0.020 foot per foot in a general northeasterly direction across the Xtra Oil and former Exxon sites.
- Analysis of the samples detected dissolved-phase petroleum hydrocarbons in Monitoring Wells MW-1, MW-2, and MW-4 at concentrations of up to 38000 micrograms per liter (ug/l) total petroleum hydrocarbons as gasoline in Well MW-1 and up to 2100 ug/l benzene in Well MW-2.
- Total petroleum hydrocarbons as diesel was detected in the samples from Wells MW-1, MW-2, and MW-4 at concentrations ranging from 3600 to 100000 ug/l.
- Methyl tert-butyl ether (MTBE) was detected in the sample from Well MW-4 at a concentration of 670 ug/l.
- Dissolved-phase petroleum hydrocarbons, including MTBE, were not detected in the sample collected from Well MW-3.



TABLE

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

ALISTO PROJECT NO. 10-210

WELL	ı	DATE OF MONITORING/ SAMPLING	CASING ELEVATION (Feet)	(a)	DEPTH TO WATER (Feet)	PRODUCT OF 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/I)	BENZO- PYRENE (ug/l)	DO (ppm)	LAB
MW-1		11/04/94	19.60		8.6		10.96	60000	6400	13000	4900	1300	5500				1-3-7		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	i9000	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
	(c)	03/11/98					***	43000		7200	5000	1400	5300	14000					MCC
MW-1		06/23/98	19.60		6.63		12.97	44000	370Q	5900	6200	1800	6200	870				6.2	MCC
	(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 MCC
	(c)	03/30/99	10.00		7.00		10.50	64000	6400	5500 3800	9000 9100	2400 2800	9100 11000	3100 ND<1700				1.3	MCC
MW-1	4-1	08/16/99	19.60		7.02		12.58	63000 64000		3700	8800	2800	11000	ND<1700				1.3	MCC
QC-1 MW-1	(c)	08/16/99	19.60		7.45		12.15	62000	5100	2900	9400	2700	11000	ND<100				8.3	MCC
	(-)	12/31/99			7.45		12.15	67000	4900	2900	9700	2800	12000	ND<100				0.5	MCC
MW-1	(c)	12/31/99 03/31/00	19.60		5.85		13.75	48000	4900	3200	5500	2000	6700	520				7.9	MCC
	(0)	03/31/00	19.00		5.65		13./5	54000	3300	3500	6000	2300	7300	730				7.5	MCC
MW-1	(c)	07/14/00	19.60		7.00		12.60	78000	5700	5600	14000	2300	9500	ND<200				3.2	MCC
	(0)	07/14/00	19.60		7.00		12.00	72000	5700	4900	14000	2100	9200	ND<200				U.Z	MCC
MW-1	(c)	10/04/00	19.60		7.60		12.00	65000	2900	3800	11000	2400	8200	ND<100				1.4	MCC
	(0)	10/04/00	19.60		7.00		12.00	68000	2900	3900	13000	2400	9300	ND<100					MCC
MW-1	(c)	12/21/00	19.60		6.91		12.69	74000	2500	3800	17000	3400	15000	ND<200				1.3	MCC
	(0)	12/21/00	19.00		0.51		12.09	69000	2500	2700	12000	2400	11000	ND<550		•••			MCC
MW-1	(c)	04/13/01	19.60		6.06		13.54	55000	2400	2900	7800	2400	9400	ND<900				0.8	MCC
	(c)	04/13/01			0.00			51000		2300	6100	2000	7900	ND<350					MCC
MW-1	(0)	06/27/01	19.60		6.54		13.06	80000	3600	2800	13000	2300	10000	ND<250				1,1	MCC
	(c)	06/27/01	13.00				10.00	76000		3100	13000	2300	10000	ND<250				***	MCC
MW-1	(0)	09/20/01	19.60		7.08		12.52	74000	6600	1600	7700	2500	10000	ND<200				8.0	MCC
	(c)	09/20/01	13.00		7.00			67000		1600	7800	2600	10000	ND<200					MCC
MW-1	(0)	12/21/01	19.60		5.71		13.89	58000	5500	2100	11000	2400	10000	ND<720		***		1.4	MCC
	(c)	12/21/01	13.00		3.71		10.00	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
	(c)	02/04/02	13.00		3.01			8000		90	130	270	1800	ND<500		•••			MCC
MW-1	۱~/	05/07/02	19.60		6.10		13.50	41000	7900	1300	5200	1700	6300	ND<1000				4.3	MCC
	(c)	05/07/02					***	40000		1300	5200	1700	6400	ND<500					MCC
MW-1	ν,	08/22/02	19.60		6.91		12.69	42000	4800	1100	6300	1900	7900	ND<500				4.9	MCC
	(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		11/08/02						49000		880	4800	1800	6700	ND<1700					MCC

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

ALISTO PROJECT NO. 10-210

WELL	DATE OF	CASING	DEPTH TO	DDODIJO*	000111101111												
ID	MONITORING/ SAMPLING	ELEVATION (Feet)	(a) WATER (Feet)	THICKNESS (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/1)	(ug/l)	MTBE (ug/l)	SVOCs	NAPTHALENE (ug/l)	PYRENE	DO (ppm)	LAB
MW-2	11/04/94	20.31	9.12	0.16	11.31								(ug/l)		(ug/l)		
MW-2	01/11/95	20.31	6.75		13.56									***			-
MW-2 MW-2	02/24/95	20.31	7.11	0.18	13.34												
MW-2	05/25/95 08/30/95	20.31	7.01	0.01	13.31												
MW-2	11/16/95	20.31 20.31	8.58	0.12	11.82									***	***		
MW-2	03/20/96	20.31	9.07 6.79	0.01	11.25												
MW-2	06/13/96	20.31	6.79 7.41	0.01 0.01	13.53												
MW-2	09/23/96	20.31	7.83	0.01	12.91												
QC-1 (20.01	7.63	0.01	12.49	30000	19000	4600	180	1500	4100	2600		***		5.5	MCC
MW-2	12/19/96	20.31	7.37	0.01	12.95	33000		4700	170	1600	3900	2400				***	MCC
QC-1 (c) 12/19/96				12.93	29000 29000		1800	240	1400	5400		(d)	420	ND<10		MCC
MW-2	05/09/97	20.31	6.11	0.21	14.36	34000	6700000	580 4600	210	1300	5100						MCC
MW-2	09/11/97	20.31	7.70	0.03	12.63	44000	1200000	3900	260 250	1500	4300	1600				3.7	MCC
QC-1 (47000	1100000	4000	420	2400 2700	7400 8300	ND<610				6.5	MCC
MW-2	12/15/97	20.31	7.87	0.03	12.46	32000	68000	4600	130	2200	5400	920				***	MCC
MW-2	03/11/98	20.31	5.61	0.18	14.84	44000	3800	5200	220	2000	5000	ND<470 1100				6	MCC
MW-2 MW-2	06/23/98	20.31	6.74	0.02	13.59	75000	570000	5900	390	3100	8300	8400				6.2	MCC
MW-2	12/01/98 03/30/99	20.31	7.30		13.01	36000		3800	73	1500	3900	2000				6.3	MCC
MW-2	08/16/99	20.31	6.51	0.13	13.90	23000	23000	5000	100	610	870	21000				1.9	MCC
MW-2	12/31/99	20.31 20.31	8.04	0.21	12.43	30000	***	5200	67	1100	1800	6000		***		1.7 2.6	MCC MCC
MW-2	03/31/00	20.31	8.20 6.29	0.01	12.12	43000	340000	7600	97	1400	2500	4300				9.0	MCC
MW-2	07/14/00	20.31	8.02	0.01	14.03	26000	200000	4000	58	1100	1500	13000			•••	8.1	MCC
MW-2	10/04/00	20.31	8.62		12.29	35000	170000	5000	76	1100	2500	4900				3.9	MCC
MW-2	12/21/00	20.31	7.70		11.69	22000	67000	4700	97	1300	1000	1900		***	•	1.8	MCC
MW-2	04/13/01	20.31	7.05		12.61 13.26	23000 25000	16000	7500	65	770	490	8600		220	ND<10	0.6	MCC
MW-2	06/27/01	20.31	7.50		12.81	34000	21000	6400	79	790	670	8300				1.1	MCC
MW-2	09/20/01	20.31	8.10		12.21	28000	10000 64000	5400	100	520	370	6800				0.7	MCC
MW-2	12/21/01	20.31	6.66		13.65	30000	18000	4600 3000	78 52	670	500	2000				0.4	MCC
MW-2	02/04/02	20.31	6.75		13.56	17000	35000	3600	52 ND<50	1700	970	ND<100				0.9	MCC
MW-2	05/07/02	20.31	7.20		13.11	16000	59000	3500	43	960 520	500 220	1200			.,	1.3	MCC
MW-2	08/22/02	20.31	7.96		12.35	15000	60000	2700	30	460	220	3100 700				1.0	MCC
MW-2	11/08/02	20.31	7.69		12.62	15000	100000	2100	60	1100	150	ND<250				4.2	MCC MCC
MW-3	11/04/94	20.57	8.92		11.65	ND<50	ND<50	ND<0.5	ND<0.5	ND of							
MW-3	01/11/95	20.57	5.67		14.90		1415450	NDC0.5	ND<0.5	ND<0.5	ND<0.5						MCC
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			•••		•	
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						MCC
MW-3 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					4.6	MCC
MW-3	03/20/96 06/13/96	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	09/23/96	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	12/19/96	20.57 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 MCC
MW-3	05/09/97	20.57	6.59		13.98	ND<50	**-	ND<0.5	ND<0.5	ND<0.5	ND<0.5					4.9	MCC
MW-3	09/11/97	20.57	7.00 6.92		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	12/15/97	20.57	7.03		13.65	ND<50	82 ND 50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		•		7	MCC
MW-3	03/11/98	20.57	4.71		13.54 15.86	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0				6.5	MCC
MW-3	06/23/98	20.57	6.33	***	15.86	ND<50	ND<50	ND<0.5	1.8	0.6	3.1	ND<5.0				6.1	MCC
MW-3	12/01/98	20.57	6.74	***	14.24	ND<50 ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0				5.7	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<0.5	ND<5.0				4	MCC
MW-3	08/16/99	20.57	7.67		12.90	ND<50	MD<20	ND<0.5 ND<0.5	ND<0.5 ND<0.5	ND<0.5	ND<0.5	ND<5.0				4.6	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<0.5	ND<0.5 ND<0.5	ND<5.0		***		2.7	MCC
MW-3 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<0.5 ND<0.5	ND<5.0 ND<5.0				9.0	MCC
MW-3 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 ND<5.0				2.8	MCC
MW-3	10/04/00 12/21/00	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				2.1	MCC
MW-3	04/13/01	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				2.0	MCC
MW-3	06/27/01	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				1.4	MCC
MW-3	09/20/01	20.57 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		***	***	1.3	MCC
MW-3	12/21/01	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				1.9 2.1	MCC MCC
MW-3	02/04/02	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
	05/07/02	20.57	5.85 6.49		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		20.07	0.49		14.08	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND of						
MW-3 MW-3		20.57	7 02								ND<0.5	ND<5.0	***			4.0	MCC
	08/22/02 11/08/02	20.57 20.57	7.93 7.6 7		12.64 12.90	ND<50 ND<50	ND<50 ND<50	ND<0.5 ND<0.5	ND<0.5 ND<0.5	ND<0.5 ND<0.5 ND<0.5	ND<0.5 ND<0.5 ND<0.5	ND<5.0 ND<5.0				4.0 4.6	MCC MCC

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

ALISTO PROJECT NO. 10-210

WELL	DATE OF	CASING		DEPTH TO	PRODUCT	GROUNDWATER	TPH-G	TPH-D	В	T	E	X	MTBE	OTHER	NAPTHALENE	BENZO-	DÖ	
ID	MONITORING/	ELEVATION	(a)		THICKNESS	ELEVATION (b)	(ug/l)	(ug/I)	(ug/l)	(ug/l)	(ug/1)	(ug/l)	(ug/l)	SVOCs	(ug/I)	PYRENE		LAB
	SAMPLING	(Feet)		(Feet)	(Feet)	(Feet)							,	(ug/l)	(-3-)	(ug/1)	(PP)	
MW-4	05/09/97	19.69		7.17		12.52	31000	15000	540	1300	1000	4500	1900	NO				
MW-4	09/11/97	19.69		7.71		11.98	40000	6500	2000	3100	1700	7700	3400	ND 	2.1	ND<2	3.1	MCC/CHR
MW-4	12/15/97	19.69		7.87		11.82	14000	2100	910	690	390	2700	1700	***			6.4 6	MCC 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 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 12/21/01	19.69		7.30		12.39	36000	4400	460	1300	1700	6700	1000				2.0	MCC
MW-4	02/04/02	19.69		4.55		15.14	11000	5600	130	250	480	2400	ND<320				1.6	MCC
MW-4	05/07/02	19.69 19.69		5.82		13.87	50000	12000	3000	8100	1900	7600	ND<500				2.0	MCC
MW-4	08/22/02	19.69		6.08		13.61	17000	3200	270	820	870	3700	ND<500		***		2.6	MCC
MW-4	11/08/02	19.69		7.45 6.74		12.24	26000	3800	720	920	1500	6500	2100			*	4.6	MCC
	1170002	15.05		0./4		12.95	20000	3600	290	630	1200	5100	670					MCC
QC-2 (e						***	ND<50		ND<0.5	ND<0.5	ND<0.5	ND<0.5						MCC
QC-2 (e							ND<50		ND<0.5	ND<0.5	ND<0.5	ND<0.5			***			MCC
QC-2 (e					***		ND<50		ND<0.5	ND<0.5	ND<0.5	ND<0.5						MCC
QC-2 (6					***		ND<50		ND<0.5	ND<0.5	ND<0.5	ND<0.5						MCC
QC-2 (6							ND<50		ND<0.5	ND<0.5	ND<0.5	ND<0.5						MCC
QC-2 (6						***	ND<50		ND<0.5	ND<0.5	ND<0.5	ND<0.5					•••	MCC
QC-2 (e	9) 06/13/96						ND<50	•	ND<0.5	ND<0.5	ND<0.5	ND<0.5						MCC
ABBREVIA	TIONS:				-			NOTES:										
T011.0	-							110120.										
TPH-G TPH-D	Total petroleum h Total petroleum h	ydrocarbons as g	jasolir	e using EPA M	lethods 5030/801	5		(a)	Top of casing	surveyed re	elative to me	an sea level.						
В	Benzene using El	Mothode E020	VOAAA	using EPA Met	nods 3510/8015													
Ť	Toluene using EP							(b)	Groundwater	elevations e	expressed in	feet above n	nean sea level,	, and				
Ė	Ethylbenzene usir			8020					adjusted assu	ıming a spe	cific gravity (of 0.75 for fre	e product.					
x	Total xylenes usin							(-)	Direct description									
MTBE	Methyl tert butyl e							(c)	Blind duplicat	θ.								
SVOCs	Semivolatile organ				70			(d)	Other SVOCs	datacted of	concentrati	ana of 200 ···	-4					
DO	Dissolved oxygen		•					(4)	2-methylnapti				μı					
ug/I	Micrograms per lit	er							2 montymapu	wiene and	- aga pilen	a						
ppm	Parts per million	1						(e)	Travel blank.									
	Not analyzed/appl							(0)										
ND	Not detected above	e reported detec	tion li	nit														
MCC	McCampbell Analy	tical, inc.																
CHR	Chromalab, Inc.																	

TABLE 2 - SUMMARY OF GROUNDWATER SAMPLING FORMER EXXON SERVICE STATION 7-0104 1725 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-210

NEIT NE	DATE OF MONITORING/	CASING ELEVATION	DEPTH TO (a) WATER	GROUNDWATER ELEVATION (b)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/1)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	LA
	SAMPLING	(Feet)	(Feet)	(Feet)								
MW-1	02/04/02	17.29	5.00	12.29	75	52.0	0.70	ND<0.50	0.50	ND<0.50	67.1	TA
MW-1	05/06/02	17.29	5.48	11.81	793	129	8.6	ND<0.50	0.50	1.1	702	TA
MW-1	08/22/02	17.29	7.14	10.15	1150	602	120	0.8	9.0	3.6	181	TA
MW-1	11/08/02	17.29	6.19	11.10	947	504	95.6	4.0	3.7	2.7	182	TA
MW-2	02/04/02	16.39	4.71	11.68	122.0	69.0	31.4	5.40	9.10	10.4	7.10	TA
MW-2	05/06/02	16.39	5.08	11.31	1250	252	125	22.5	68.2			
MW-2	08/22/02	16.39	6.88	9.51						63.1	646	TA
MW-2	11/08/02	16.39	6.20	10.19	1270 158	178 83	269 14.0	ND<0.5 0.7	4.3 0.6	10.6 1.0	652 177	TA TA
					130	0.5	14.0	0.7	0.0	1.0	177	174
MW-3	02/04/02	17.02	4.59	12.43	8830	402	2300	166	150	158	1420	TA
MW-3	05/06/02	17.02	4.84	12.18	7950	1300	1930	18.0	80.0	648	544	TA
MW-3	08/22/02	17.02	6.42	10.60	2270	418	506	3.5	8.0	6.5	298	TA
MW-3	11/08/02	17.02	5.66	11.36	1640	193	330	1.8	4.9	2.7	470	TA
WW-4	02/04/02	17.29	4.35	12.94	1250	774	124	4.40	46.7	43.5	46.1	TA
MW-4	05/06/02	17.29	4.95	12.34	2040	776	165	5.0	42.0	39.0	1410	TA
MW-4	08/22/02	17.29	6.65	10.64	1570	445	73.3	ND<0.5	9.9	6.8	1070	TA
MW-4	11/08/02	17.29	5.60	11.69	2340	680	169	4.3	34.9	23.3	1200	TA
MW-5	02/04/02	16.64	4.69	11.95	4380	070	4440					
MW-5	05/06/02					976	1440	38.0	84.0	50.0	620	TA
		16.64	5.00	11.64	3810	1360	1110	20.0	26.0	26.0	764	TA
MW-5	08/22/02	16.64	6.98	9.66	3190	695	623	9.0	11.0	31.0	545	TA
MW-5	11/08/02	16.64	5.31	11.33	3360	645	1050	9.4	11.1	17.8	746	TA
MW-6	02/04/02	17.31	4.24	13.07	14800	168	425	120	1480	4030	545	TA
MW-6	05/06/02	17.31	4.83	12.48	8580	1540	988	24.0	866	1080	380	TA
MW-6	08/22/02	17.31	6.49	10.82	4050	10400	44.5	11.5	460	270	716	TA
MW-6	11/08/02	17.31	5.49	11.82	5640	822	49.3	42.7	586	858	1150	TA
MW-7	02/04/02	17.06	3.81	13.25	928	88.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	610	TA
MW-7	05/06/02	17.06	4.51	12.55	591	72	2.4	ND<0.5	2.5	4.1	565	TA
MW-7	08/22/02	17.06	6.25	10.81	586	ND<50	2.5	ND<2.5	ND<2.5	3.0		
MW-7	11/08/02	17.06	5.03	12.03	463	ND<50	1.7	ND<2.5	ND<0.5	0.6	482 319	TA TA
	00101100 (
MW-8	02/04/02 (4				***					***		
MW-8	05/06/02	16.24	5.31	10.93	ND<50.0	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	TA
MW-8	08/22/02	16.24	6.07	10.17	ND<50.0	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	TA
MW-8	11/08/02	16.24	5.91	10.33	ND<50.0	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	TA
MW-9	02/04/02	15.56	4.77	10.79	ND<50.0	ND<50.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.50	TA
MW-9	05/06/02	15.56	6.29	9.27	ND<50.0	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	TA
MW-9	08/22/02	15.56	6.70	8.86	ND<50.0	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	TA
MW-9	11/08/02	15.56	6.55	9.01	ND<50.0	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	TA
/W -11	02/04/02	17.98	5.14	12.84	37800	2430	3340	3550	1450	6480	1910	TA
/W-11	05/06/02	17.98	5.51	12.47	27200	3000	1420	1580	1110	4960	1350	TA
AW-11	08/22/02	17.98	6.63	11.35	28100	5660						
/W-11	11/08/02	17.98	5.34	12.64	26000	3680	2020 1170	1520 2130	1120 1020	5360 5390	2240 246	TA TA
8M 40	00104100 (,,,
/W-12	02/04/02 (0				•••				***			
/W-12	05/06/02 (***						***	***	
MW-12	08/22/02 (0			***								
AW-12	11/08/02	16.15										

ABBREVIATIONS:

Total petroleum hydrocarbons as gasoline using EPA Methods 8015m/5030
Total petroleum hydrocarbons as diesel using EPA Methods 8015B/3510
Benzene using EPA Methods 8121B
Toluene using EPA Methods 8121B
Ethylbenzene using EPA Methods 8121B
Total xylenes using EPA Methods 8121B
Methyl tert butyl ether using EPA Methods 8121B
Methyl tert butyl ether using EPA Methods 8121B
Methyl tert butyl ether using EPA Methods 8121B TPH-G TPH-D

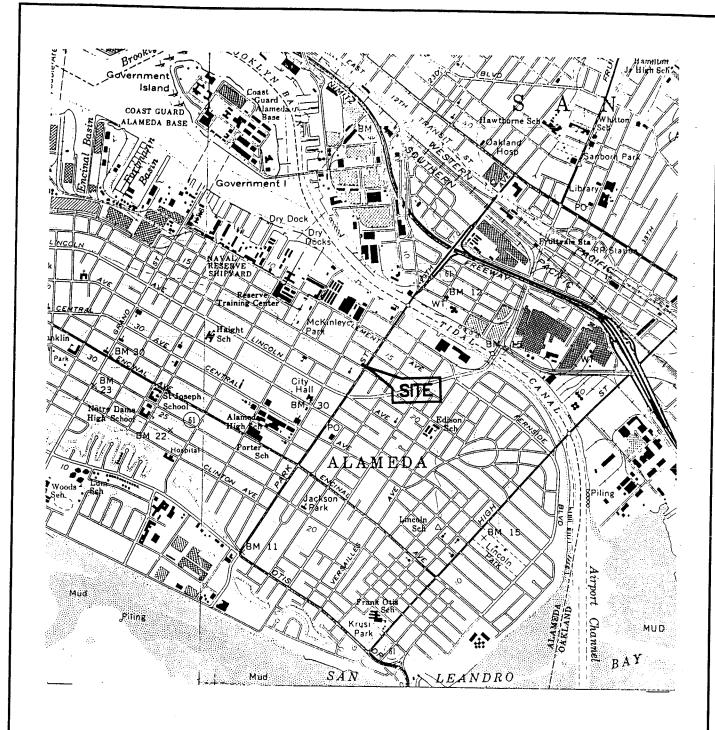
X MTBE

Micrograms per liter
Not analyzed/applicable/measurable ug/l

ND TAJ Not detected above reported detection limit Test America Incorporated

NOTES:

- (a) Top of casing surveyed relative to mean sea level.
- (b) Groundwater elevations expressed in feet above mean sea level.
- (c) Not monitored or sampled



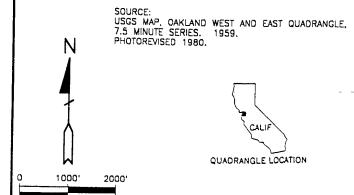


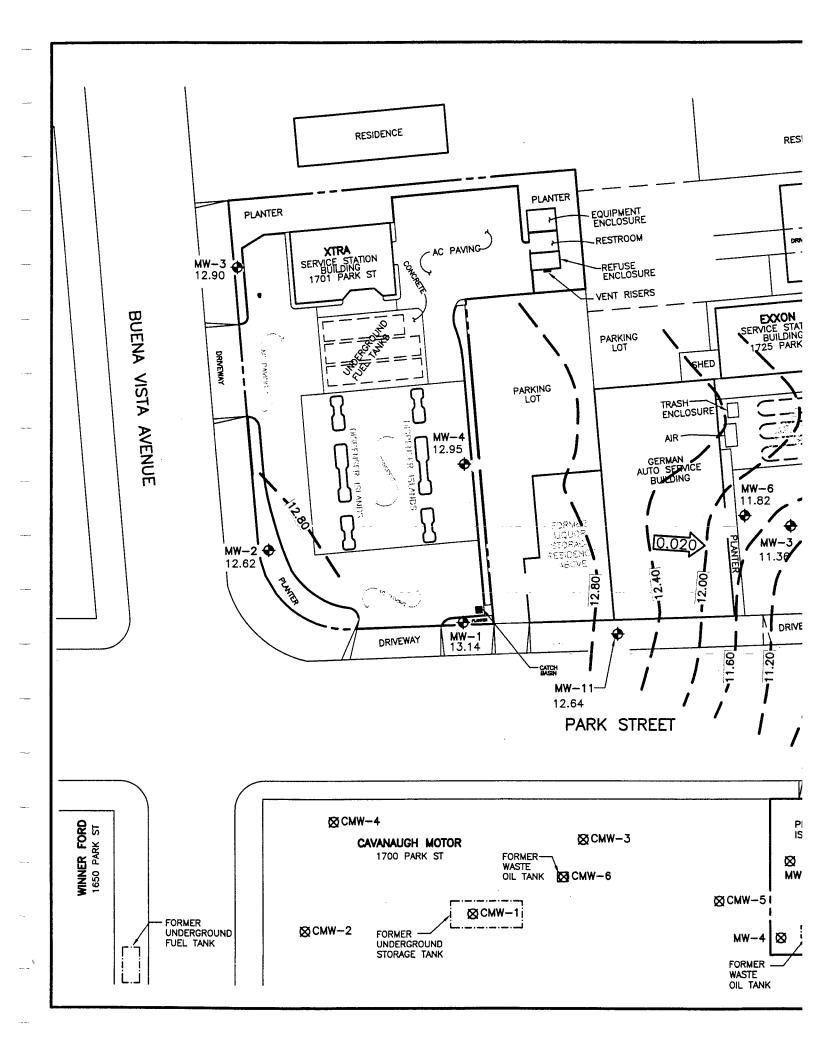
FIGURE 1

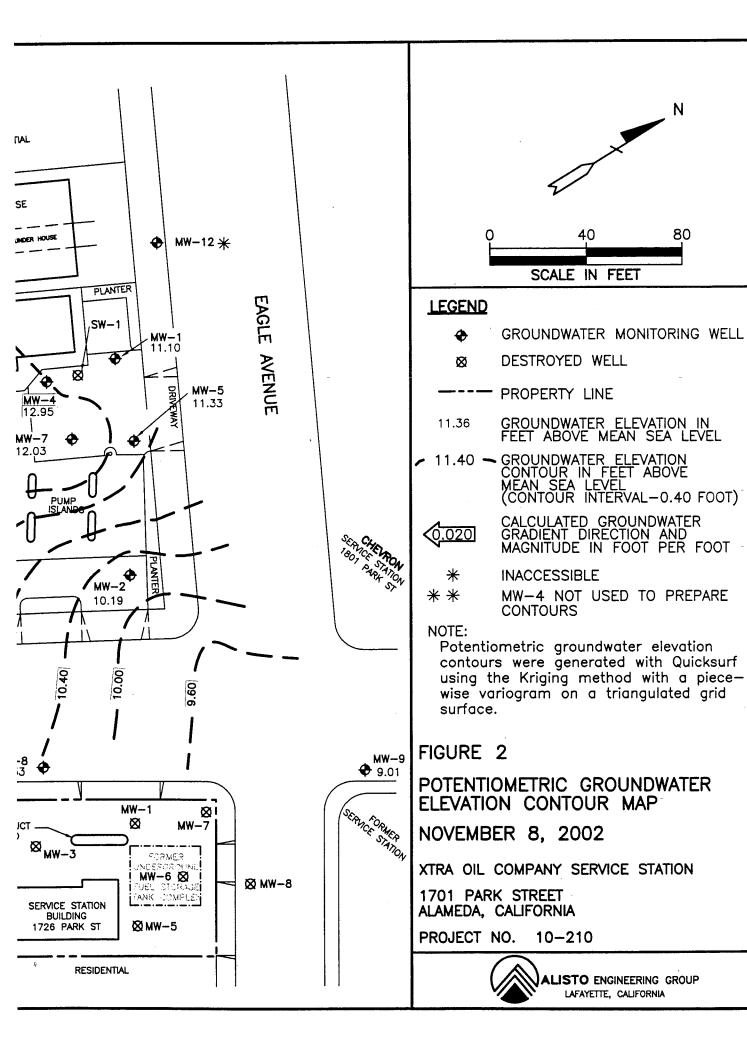
SITE VICINITY MAP

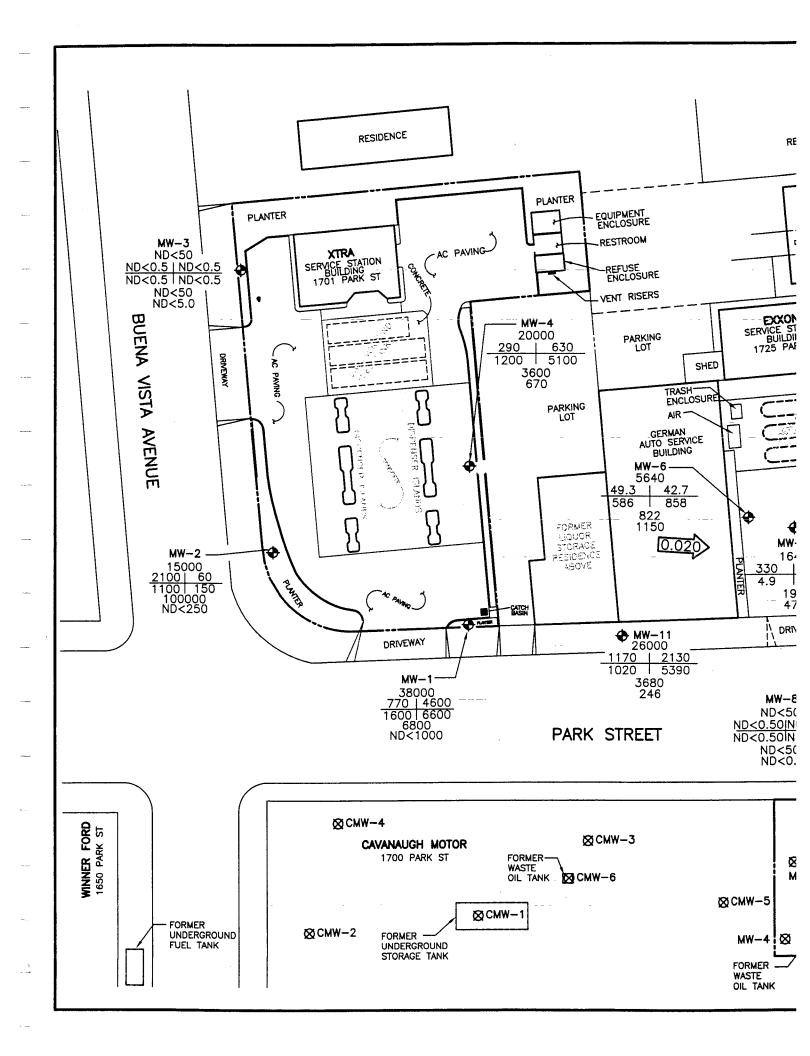
XTRA OIL COMPANY SERVICE STATION 1701 PARK STREET ALAMEDA, CALIFORNIA

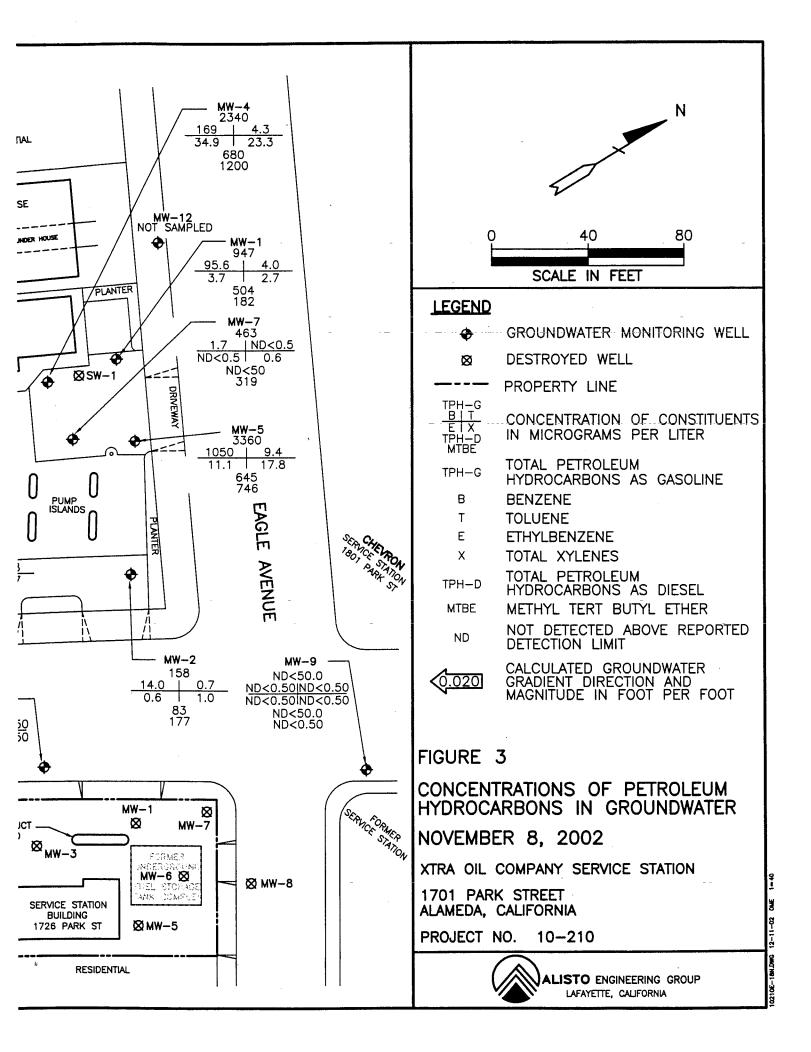
PROJECT NO. 10-210











APPENDIX A WATER SAMPLING FIELD SURVEY FORMS

ALISTO ENGINEERING GROUP

Field Report / Sampling Data Sheet

3732 MT. DIABLO BOULEVARD, SUITE 270 LAFAYETTE CA 94598 (925) 962-6970 FAX 962-6971 Project No. **Address**

10-210-18-004 1701 Park Street Date:

Day: MTWTHF

Contract No. Station No. n/a

XTRA

Sampler: LCB Alameda

DEPTH TO GROUNDWATER SUMMARY

WELL ID	SAMPLE ID	WELL DIAM	TOTAL DEPTH	DEPTH TO WATER	PRODUCT THICKNESS	TIME MONITORI	COMMENTS:
MW-1	3	2"	19.60	6.46	Ø	1036	
MW-2	+	2"	20.31	7.69	Clobyles	1039	- 100 mL of FP in PPRS (Pure Product)
MW-3		2"	20.57	7.67	Ø	1030	
MW-4	2	2"	19.69	6.74	'Ø	\033	
D.O. METCONDUCTORY Well ID Muc Total Depth	Pepth to W 3 7.67 - Water Level= 5 7.67 ethod: OSurf	ER LI X Well Vol. 1	ZEF Oriba y A ALAF Cap/Lock D Y Factor x#	10.0 d.O. SOL 10.0 d.O. SOL 10.00 looped l	ODISP. Bailer(s	RATURE CO NA TURBIDI ON ALARM M Gal. Time LOYL 1 LOYL 1 LOYL OSys F	DITY METER 5.0 NTU OTHER 4.49 ms/cm I MODE The Temp *C pH E.C. D.O. O EPA 601 THE CONTROL O TPH-G/BTEX THE CONTROL O TPH Diesel THE CONTROL O T

PAGE OF____

ALISTO

Field Report / Sampling Data Sheet

ENGINEERING GROUP		Project N	No.	10-210-1	8-004		Date:	1118102
		Addre	ss	1701 Pa	rk Street		Day:	MTWTHE
3732 MT. DIABLO BOULEVARD, SUITE 270	C	ontract N					City:	Alameda
LAFAYETTE CA 94598 (925) 962-6970 FAX 962-6971		Station I		XTRA		Sampler:	LU	
Well ID Depth to Wate Diam Cap/Lock Product Del Iridescence	Gal.	Time	Temp "C	PH E	<u> 1≥.G.</u> ρΗ	D.O.	_	EPA 601
MW-4 6.74 2" OK D Y (N)	2	1104	19.2	भऽठ	7.22	NIA	Ø	TPH-G/BTEX MTS
Total Depth - Water Level= x Well Vol. Factor= x#vol. to Purge= PurgeVol.	4	1110	20.2	.412	7.07		Ø	TPH Diesel
1969-6.74=1295X.16=2.07X3=6.21	7	1117	20.4	, 398	6.97		0	TOG 5520
Purge Method: OSurface Pump ODisp. Tube OWinch ODisp. Baile	er(s)	OSys Port						TIME/SAMPLE ID
Comments:								# 1117
Well ID Depth to Wate Diam Cap/Lock Product Del Iridescence	Gal.	Time	Temp *C	рН	E.C.	D.O.	O	EPA 601
MW-1 6.46 211 6R D Y N	2	125	20.6	725	.392	NA	0	TPH-G/BTEX
Total Depth - Water Level= x Well Vol. Factor= x#vol. to Purge= PurgeVol.	4	1130	71.4	7.11	. 307		0	TPH Diesel
19.60-6.46=1314X.16=2.10x3=6.30	7	1138	21.6	7.02	,291	4	0	TOG 5520
Purge Method: OSurface Pump ODisp.Tube OWinch ODisp. Baile	er(s)	OSys Port			٠		٠٠.	TIME/SAMPLE ID
Comments:								113-8
Well ID Depth to Wate Diam Cap/Lock Product Del Tridescence	Gal.	Time	Temp *C	рH	E.C.	D.O.	O	EPA 601
MW-2 7.69 21 OF LOGICHION N	d	1148	202	7.29	874.	NIA	0	TPH-G/BTEX
Total Depth - Water Level= x Well Vol. Factor= x#vol. to Purge= PurgeVol.	7	1153	20.8	7.09	£.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0	TPH Diesel
20.31-769-12.62x-16=2.02x3-6.06	7	1158	21.2	700	.409		0	TOG 5520
Purge Method: OSurface Pump ODisp. Tube OWinch ODisp. Bailer(s)OSys Port								TIME/SAMPLE ID
Comments:								1150
		,					·	
		,						'
\$000).								

PAGE 2 OF 2

APPENDIX B LABORATORY REPORT AND CHAIN OF CUSTODY RECORD

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

Alisto Engineering Grp.	Client Project ID: #10-210-18-004;	Date Sampled: 11/08/02
3732 Mt. Diablo Blvd. Ste. 270	Groundwater Sampling	Date Received: 11/12/02
Lafayette, CA 94549	Client Contact: Brady Nagle	Date Reported: 11/18/02
Latayette, Cri 74347	Client P.O.:	Date Completed: 11/18/02

WorkOrder: 0211207

November 18, 2002

Dear Brady:

Enclosed are:

1). the results of 5 analyzed samples from your #10-210-18-004; Groundwater Sampling 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 http://www.mccampbell.com E-mail: main@mccampbell.com

Alisto Engineering Grp.	Client Project ID: #10-210-18-004;	Date Sampled: 11/08/02
3732 Mt. Diablo Blvd. Ste. 270	Groundwater Sampling	Date Received: 11/12/02
Lafayette, CA 94549	Client Contact: Brady Nagle	Date Extracted: 11/14/02-11/15/02
•	Client P.O.:	Date Analyzed: 11/14/02-11/15/02

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

	thod: SW5030B	3		Analytical r	nethods: SW80211	B/8015Cm		Work	Order: 02	211207
Lab ID	Client ID	Matrix	TPH(g)	МТВЕ	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% S
001A	MW-I	w	38,000,a	ND<1000	770 .	4600	1600	6600	200	98.
002A	MW-2	w	15,000,a,h	ND<250	2100	60	1100	150	50	114
003A	MW-3	w	ND	ND	ND	ND	ND	ND	1	103
004A	MW-4	w	20,000,a	670	290	630	1200	5100	100	99.8
005A	QC-1	w	49,000,a	ND<1700	880	4800	1800	6700	330	101
	· · · · · · · · · · · · · · · · · · ·									
									-	
		<u> </u>								
								,		
									1	
	nit for DF =1;	w	50	5.0	0.5	0.5	0.5	0.5	1	μg/L
	porting limit	S	NA	NA	NA	NA	NA	NA	1 1	mg/K

^{*}water and vapor samples are reported in μg/L, soil and sludge samples in mg/kg, wipe samples in μg/wipe, and TCLP extracts in μg/L.

⁺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 ~2 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.



[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

McCampbell Analytical Inc.

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

Alisto Engineering Grp.	Client Project ID: #10-210-18-004; Groundwater Sampling	Date Sampled: 11/08/02
3732 Mt. Diablo Blvd. Ste. 270	Groundwater Sampling	Date Received: 11/12/02
Lafayette, CA 94549	Client Contact: Brady Nagle	Date Extracted: 11/12/02
	Client P.O.:	Date Analyzed: 11/13/02-11/15/02

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

xtraction method: SW			xtractable Hydrocarbons as Diesel* tical methods: SW8015C	Work Order: (02112
Lab ID	Client ID	Matrix	TPH(d)	DF	% S
0211207-001B	MW-1	w	6800,d	1	89.
0211207-002B	MW-2	w	100,000,a,d,h	1	111
211207-003B	MW-3	w	ND	I	88.
0211207-004B	MW-4	W	3600,d	1	90.2
!		,			
				!	
Reporting Li ND means no	mit for DF =1; of detected at or	W	50	µg/1	L
	enorting limit	S	NA	NA NA	

* water and vapor samples are reported in $\mu g/L$, wipe samples in ug/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all TCLP / STLC / SPLP extracts in $\mu g/L$

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 ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent / mineral spirit.

Musik

Edward Hamilton, Lab Director

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: W

WorkOrder: 0211207

EPA Method: SW802	21B/8015Cm E	extraction:	action: SW5030B		BatchID:	4862	Spiked Sample ID: 0211207-003A					
Compound	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	e Criteria (%)			
	µg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	High			
TPH(gas)	ND	60	95	94	1.02	103	101	1.98	80	120		
МТВЕ	ND	10	86.2	88.9	3.01	85.2	81	5.09	80	120		
Benzene	ND	10	90.5	93.4	3.13	89	84.9	4.71	80 .	120		
Toluene	ND	10	96.1	98.2	2.19	93.9	89.7	4.55	80	120		
Ethylbenzene	ND	10	98	100	2.41	95.3	90.6	5.06	80	120		
Xylenes	ND	30	99	99.7	0.671	95	94	1.06	80	120		
%SS:	103	100	97.8	98.1	0.309	89	86.8	2.53	80	120		

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

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

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.

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

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

QC SUMMARY REPORT FOR SW8015C

Matrix: W

WorkOrder: 0211207

EPA Method: SW8015C	Extraction: SW3510C				BatchID:	4865	Spiked Sample ID: N/A					
El / (Method: Tropic)	Sample	Spiked	MS* MSD*		MS-MSD*	LCS	LCSD	LCS-LCSD Acceptance Criteria				
Compound			% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High			
TPH(d)	N/A	7500	N/A	N/A	N/A	92.2	91.9	0.380	70	130		
%SS:	N/A	100	N/A	N/A	N/A	96.7	96.1	0.559	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

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

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.

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

^{*} MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

McCampbell Analytical Inc.

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

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 0211207

Client:

Alisto Engineering Grp. 3732 Mt. Diablo Blvd. Ste. 270

Lafayette, CA 94549

TEL:

(925) 962-6970

FAX:

(925) 962-6971

ProjectNo:

#10-210-18-004;

PO:

12-Nov-02

							Request	ed Tests			
Sample ID	ClientSampID	Matrix	Collection Date	Hold	SW8015C	8021B/8015					
0211207-001	MW-1	Water	11/8/02 11:38:00 AM		В	Á	1	1			
0211207-002	MW-2	Water	11/8/02 11:58:00 AM		В	A		<u> </u>			
0211207-003	MW-3	Water	11/8/02 10:50:00 AM		В	A					
0211207-004	MW-4	Water	11/8/02 11:58:00 AM		В	A					
0211207-005	QC-1	Water	11/8/02 11:38:00 AM			A					

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	Date/Time		Date/Time
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Relinquished by:		Received by:	
Relinquished by:		Received by:	
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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.

0211207

ALISTO ENGINEERING GROUP CHAIN OF CUSTODY

Project Information:					Report To:							Samples Submitted To:				
Project No:	10-210-18-004				Consultant: Alisto Engineering Group								Laboratory: McCampbell Analytical			
Project Title:	Groundwater 8				Address: 3732 Mt. Diablo Boulevard, Suite 270							Address: 110 Second Avenue, Suite D7				
Location:	Xtra Oil Station				Lafayette, CA 94549							ļ			o, California	
	1701 Park Ave	enue, Alameda	·		Contact	t:		Brady Nagle					Contact		Ed Ham	
Sampler's Name:	1 '				Phone:			(925) 962-6970					Phone:		925.798	
1 " '	(print) Larry Buenvenida				Fax:			(925) 962-6971					Fax:		925.798	.1622
Sampler's Signatur	re:	1)	` {}}					Bill To:					Date Re	uits Req	ulred:	<u> </u>
	Jay Land					ant: s:		Xtra Oil Company 2307 Pacific Aven Oakland, CA 9450					Date Re	Date Report Required:		
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RUSH	24 Hour	48 Hour	5 Day	Standard			l			1						· ·
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MW-1	1050	11/8/02	<u> </u>	H20	X	X	Х									Time Samples 1138
MW-2	1128				х	х	х									
h MW-3	1050				х	х	X									
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MW-4	1128	+			X	X	X			ļ			<u> </u>			
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Relinculated By:	Mul	240	Date: // 2	Time: 15-40					Dayo!	20.	Z-75	40		· · · · · · ·		
Relinquished By:	V	1	Date:	Time:	Receive	d By:					Date:	1	Time:	-		
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