



ENVIRONMENTAL
PROTECTION

99 APR 20 AM 9:16

April 15, 1999

Mr. Scott Seery
Alameda County Environmental Health Department
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502

RE: FORMER MOBIL STATION 04-H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

Alton Project No. 30-0065

Dear Mr. Seery:

Please find enclosed the First Quarter 1999 Progress Report for the subject location, prepared for Mobil Business Resources Corporation by Alton Geoscience. The contents of this report include:

Quarterly Progress Report Summary Sheet

- Exhibit 1: Sampling Schedule
- Exhibit 2: Groundwater Levels and Chemical Analysis
- Exhibit 3: Figures 1 through 3 (Vicinity Map, Groundwater Elevation Contour Map, and Dissolved-Phase Benzene Concentrations)
- Exhibit 4: Benzene Versus Groundwater Elevation Graphs
- Exhibit 5: Well Purging and Groundwater Sampling Protocol
- Exhibit 6: Monitoring Well Sampling Forms
- Exhibit 7: Analytical Laboratory Data Sheets

Should you have any questions regarding this report, please call either Ms. Cherine Foutch, Mobil Engineer, at (925) 625-1173, or Chris Dennis at (925) 606-9150, extension 109.

Sincerely,

Christopher B. Dennis
Project Geologist

cc: Ms. Cherine Foutch, Mobil Business Resources Corporation
Mr. Chuck Headlee, Regional Water Quality Control Board, San Francisco Bay Region
Mr. Gary Lee, Pleasanton Department of Public Works
Mr. Craig Mayfield, Alameda County Flood Control and Water Conservation District
Mr. Joe Ramia, Gentry Homes

Alton Geoscience

Quarterly Progress Report Summary Sheet
First Quarter 1999

Mobil Service Station 04-H6J
1024 Main Street
Pleasanton, California

CRWQCB Case # N/A
BAAQMD # 14053
DSRSD sewer discharge permit # 95010

Number of water zones:	1	This Page	1
FIELD ACTIVITY:		Date Sampled:	22-Feb-99
Number of ground water wells on-site:	16	Groundwater Wells monitored:	14 *
Number of ground water wells off-site:	3	Groundwater Wells sampled:	8 **
		Groundwater Wells with Free Product:	0
Phase of Investigation: Vadose Zone:	Post-Remediation Monitoring	Groundwater Phase:	Post-Remediation Monitoring
SITE HYDROGEOLOGY:			
Approximate depth to ground water below ground surface:			37.22 ft
Approximate elevation of potentiometric surface above Mean Sea Level:			310.85 ft
Average Increase/Decrease in ground water elevations since last sampling episode:		Increase:	0.87 ft
Approximate flow direction and hydraulic gradient:		East at:	0.45 f/ft
GROUND WATER CONTAMINATION (BENZENE MCL=1.0 ppb):			
Wells containing free product:	0	Range in Thickness of Free Product:	N/A
Number of wells with concentrations below MCL:	5	Volume of Free Product Recovered This Period:	0
Number of wells with concentrations at or above MCL:	3	Volume of Free Product Recovered To Date:	0
		Range in Concentrations:	Benzene: ND<0.3 to 1,100 ppb TPH-G: ND<50 to 28,000 ppb
Nature of contamination:	Gasoline		
GROUND WATER REMEDIATION PERFORMANCE		Date Started:	5-May-95
Technology used:	Pump & treat w/ air stripper	Number of Wells Extracting Ground Water:	4 (RW-1 through RW-4)
Amount of Groundwater Extracted This Quarter(gallons):	3,130	Carbon Change:	0
Total Amount of Groundwater Extracted (gallons):	3,933,410		
Operating days this quarter:	24		
Total operating Days:	647		
VAPOR EXTRACTION PERFORMANCE		Date Started:	4-Apr-95
Technology used:	Blower & Carbon	Maximum influent Concentration (ppmv):	3,460 ppmv
Number of vapor wells onsite:	9	Maximum Diluted Influent Concentration (ppmv):	2,600 ppmv
Number of vapor extraction wells open:	5	Amount of hydrocarbons removed this quarter:	6 gals.
Operating Days this quarter:	29	Cumulative amount of hydrocarbons removed:	4,087 gals.
Total operating Days:	624	Operating Mode:	Blower & Carbon
		Conversion Date (changeover to carbon):	6/30/98
ADDITIONAL INFORMATION:			
* Monitoring well MW-12 was inaccessible.			
** Monitoring well MW-11 was inadvertently not sampled.			
Monitoring and sampling of wells MW-10, MW-11, and MW-12 has been modified (see attached sampling schedule).			
The soil vapor extraction system (VES) was turned off April 29,1998, and the groundwater ARS was turned off July 13, 1998, due to low hydrocarbon concentrations.			
Since shutdown, pulse testing has been conducted.			
Groundwater samples were collected in accordance with the RWQCB guidelines for no-purge groundwater sampling.			

Prepared by: C.B. Dennis Christopher B. Dennis
Project Geologist

Alton Project No: 30-0065

Approved by: John Trompeter John Trompeter, RG
California RG # 6685 Senior Associate

Date Submitted: 4/15/99



EXHIBIT 1
SAMPLING SCHEDULE

1999 MONITORING WELL SAMPLING SCHEDULE, REVISED
Former Mobil Station 04-H6J

Well Number	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
MW-1	X	X	X	X
MW-2	X	X	X	X
MW-3*				
MW-4	X	X	X	X
MW-5*				
MW-6	X	X	X	X
MW-7*				
MW-8*				
MW-10				
MW-11	X			
MW-12	X			
RW-1	X	X	X	X
RW-2	X	X	X	X
RW-3	X	X	X	X
RW-4	X	X	X	X
VMW-1*				
VMW-2*				
VMW-3*				
VMW-4*				

NOTES: X = well scheduled for sampling
* = well historically dry; screened above water table

EXHIBIT 2

GROUNDWATER LEVELS AND CHEMICAL ANALYSIS

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)									
MW-1	04/12/90	348.03	0.00	43.57	304.46	3,600	—	73	13	3	180	—	—	—				
MW-1	10/18/90	348.03	0.00	43.18	304.85	5,000	ND	700	360	170	480	—	—	—				
MW-1	08/06/91	348.03	0.00	38.65	309.38	2,600	—	310	340	110	340	—	—	—				
MW-1	01/08/92	348.03	0.00	38.68	309.35	2,400	—	270	370	18	340	—	—	—				
MW-1	04/30/92	348.03	0.00	39.93	308.10	1,300	—	150	120	12	160	—	—	—				
MW-1	07/31/92	348.03	0.00	43.05	304.98	ND	—	ND	ND	ND	ND	—	—	—				
MW-1	10/27/92	348.03	0.00	42.86	305.17	2,700	—	320	310	84	310	—	—	—				
MW-1	01/22/93	348.03	0.00	34.88	313.15	2,800	—	190	340	87	320	—	—	—				
MW-1	04/05/93	348.03	0.00	33.71	314.32	6,000	—	410	460	51	500	—	—	—				
MW-1	07/06/93	348.03	0.00	35.46	312.57	2,200	—	140	240	32	180	—	—	—				
MW-1	11/30/93	348.03	0.00	37.81	310.22	450	—	68	34	ND	48	—	—	—				
MW-1	01/27/94	348.03	0.00	42.10	305.93	1,000	—	270	330	44	190	—	—	—				
MW-1	04/25/94	348.03	0.00	40.33	307.70	—	—	—	—	—	—	—	—	—				
MW-1	04/26/94	348.03	—	—	—	3,500	—	310	370	22	320	—	—	—				
MW-1	07/08/94	348.03	0.00	41.39	306.64	640	—	120	87	15	43	—	—	—				
MW-1	10/05/94	348.03	0.00	42.19	305.84	970	—	110	140	21	90	—	—	—				
MW-1	02/21/95	348.03	0.00	34.73	313.30	3,500	—	200	270	24	100	—	—	—				
MW-1	05/03/95	348.03	0.00	34.67	313.36	160	—	7.8	12	4.5	20	—	—	—				
MW-1	08/04/95	348.03	0.00	37.00	311.03	1,900	—	99	330	40	570	10	—	—				
MW-1	11/10/95	348.03	0.00	39.66	308.37	610	—	150	56	22	89	—	—	—				
MW-1	02/12/96	348.03	0.00	36.19	311.84	470	—	3.0	37	7.8	140	1.3	—	—				
MW-1	05/17/96	348.03	0.00	35.82	312.21	ND	—	ND	ND	ND	ND	ND	—	—				
MW-1	08/12/96	348.03	0.00	38.44	309.59	ND	—	ND	ND	ND	ND	ND	—	—				
MW-1	11/08/96	348.03	0.00	40.07	307.96	ND	—	ND	ND	ND	ND	ND	—	—				
MW-1	02/12/97	348.03	0.00	34.27	313.76	—	—	—	—	—	—	—	—	—				
MW-1†	03/17/97	348.03	0.00	37.07	310.96	ND	—	ND	ND	ND	ND	ND	—	—				
MW-1†	05/13/97	348.03	0.00	37.76	310.27	ND	—	ND	ND	ND	ND	ND	—	—				
MW-1†	08/12/97	348.03	0.00	40.68	307.35	ND	—	ND	ND	ND	ND	ND	—	—				
MW-1†	10/31/97	348.03	0.00	40.90	307.13	740	—	17	62	7.9	150	ND	—	—				
MW-1†	01/21/98	348.03	0.00	41.05	306.98	ND	—	ND	ND	ND	ND	ND	—	—				
MW-1†	04/24/98	348.03	0.00	36.71	311.32	ND	—	ND	ND	ND	ND	ND	—	4.67				
MW-1†	07/20/98	348.03	0.00	39.38	308.65	ND	—	ND	ND	ND	ND	ND	—	1.43				
MW-1†	10/21/98	348.03	0.00	42.31	305.72	ND	—	0.3	ND	ND	ND	ND	—	2.19				
MW-1†	02/22/99	348.03	0.00	42.70	305.33	840	—	40	17	5.4	94	ND	—	2.17				
MW-2	04/12/90	348.45	0.00	44.14	304.31	64,000	—	5,500	7,600	1,900	7,800	—	—	—				
MW-2	10/18/90	348.45	0.00	43.18	305.27	83,000	10,000	6,800	9,100	2,400	11,000	—	—	—				

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-2	08/06/91	348.45	0.00	39.19	309.26	160,000	—	16,000	25,000	4,300	19,000	—	—	—
MW-2	01/08/92	348.45	0.02	39.40	309.07	—	—	—	—	—	—	—	—	—
MW-2	04/30/92	348.45	0.00	40.50	307.95	71,000	—	9,200	19,000	3,700	15,000	—	—	—
MW-2	07/31/92	348.45	0.15	43.64	304.92	—	—	—	—	—	—	—	—	—
MW-2	10/27/92	348.45	Trace	43.53	304.92	—	—	—	—	—	—	—	—	—
MW-2	01/22/93	348.45	Trace	35.55	312.90	—	—	—	—	—	—	—	—	—
MW-2	04/05/93	348.45	Trace	34.41	314.04	—	—	—	—	—	—	—	—	—
MW-2	07/06/93	348.45	Trace	35.98	312.47	—	—	—	—	—	—	—	—	—
MW-2	11/30/93	348.45	0.48	38.78	310.03	—	—	—	—	—	—	—	—	—
MW-2	01/27/94	348.45	0.01	42.50	305.96	—	—	—	—	—	—	—	—	—
MW-2	04/25/94	348.45	Trace	40.32	308.13	—	—	—	—	—	—	—	—	—
MW-2	07/08/94	348.45	Trace	42.46	305.99	—	—	—	—	—	—	—	—	—
MW-2	10/05/94	348.45	Trace	42.78	305.67	—	—	—	—	—	—	—	—	—
MW-2	02/21/95	348.45	0.12	34.88	313.66	—	—	—	—	—	—	—	—	—
MW-2	05/03/95	348.45	0.62	35.30	313.62	—	—	—	—	—	—	—	—	—
MW-2	08/04/95	348.45	0.20	37.21	311.39	—	—	—	—	—	—	—	—	—
MW-2	11/10/95	348.45	0.24	39.87	308.76	—	—	—	—	—	—	—	—	—
MW-2	02/12/96	348.45	Trace	36.16	312.29	—	—	—	—	—	—	—	—	—
MW-2	05/17/96	348.45	0.00	35.95	312.50	57,000	—	950	3,000	940	6,500	ND	—	—
MW-2	08/12/96	348.45	0.00	38.45	310.00	86,000	—	18,000	16,000	1,700	10,000	ND	—	—
MW-2	11/08/96	348.45	0.01	40.27	308.19	—	—	—	—	—	—	—	—	—
MW-2	02/12/97	348.45	0.00	34.37	314.08	—	—	—	—	—	—	—	—	—
MW-2**	03/17/97	348.45	—	—	—	—	—	—	—	—	—	—	—	—
MW-2†	05/13/97	348.45	0.00	37.74	310.71	87,000	—	12,000	14,000	1,300	8,100	ND	—	—
MW-2	08/12/97	348.45	0.04	40.73	307.75	—	—	—	—	—	—	—	—	—
MW-2†	10/31/97	348.45	0.00	41.12	307.33	11,000	—	320	450	300	760	280	—	—
MW-2†	01/21/98	348.45	0.00	40.75	307.70	27,000	—	300	750	180	2,500	ND	ND	—
MW-2†	04/24/98	348.45	0.00	36.48	311.97	11,000	—	37	110	110	1,300	72	—	4.40
MW-2†	07/20/98	348.45	0.00	39.38	309.07	23,000	—	3,200	2,500	510	1,800	ND	—	0.58
MW-2	10/21/98	348.45	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-2†	02/22/99	348.45	0.00	41.26	307.19	14,000	—	660	370	250	1,000	ND	—	3.16
MW-3	04/12/90	347.97	0.00	23.18	324.79	2,100	—	32	56	31	170	—	—	—
MW-3	10/18/90	347.97	0.00	14.28	333.69	110	ND	3	3	1	5	—	—	—
MW-3	08/06/91	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	01/08/92	347.97	0.00	32.36	315.61	680	—	8.9	26	8.5	72	—	—	—
MW-3	04/30/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				Ethyl- Total MTBE MTBE Dissolved								
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	8020 (ppb)	8260 (ppb)	Oxygen (mg/L)
MW-3	07/31/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	10/27/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	01/22/93	347.97	0.00	27.30	320.67	2,600	—	240	300	170	440	—	—	—
MW-3	04/05/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	07/06/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	11/30/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	01/27/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	04/25/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	07/08/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	02/21/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	05/03/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	08/04/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	11/10/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	02/12/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	05/17/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	08/12/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	11/08/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3	02/12/97	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-3†	03/17/97	347.97	0.00	22.39	325.58	ND	—	ND	ND	ND	ND	ND	—	—
MW-3†	05/13/97	347.97	0.00	22.18	325.79	ND	—	ND	ND	ND	ND	ND	—	—
MW-3†	08/12/97	347.97	0.00	18.56	329.41	ND	—	ND	ND	ND	ND	ND	—	—
MW-3	10/31/97	347.97	0.00	17.81	330.16	—	—	—	—	—	—	—	—	—
MW-3	01/21/98	347.97	0.00	18.81	329.16	—	—	—	—	—	—	—	—	—
MW-3	04/24/98	347.97	0.00	16.81	331.16	—	—	—	—	—	—	—	—	1.47
MW-3	07/20/98	347.97	0.00	18.00	329.97	—	—	—	—	—	—	—	—	2.76
MW-3	10/21/98	347.97	0.00	19.37	328.60	—	—	—	—	—	—	—	—	2.30
MW-3	02/22/99	347.97	0.00	19.82	328.15	—	—	—	—	—	—	—	—	2.42
MW-4	10/18/90	348.07	0.00	43.16	304.91	9,600	2,000	180	500	200	1,200	—	—	—
MW-4	08/06/91	348.07	0.00	38.65	309.42	8,600	—	320	420	220	650	—	—	—
MW-4	01/08/92	348.07	0.00	38.65	309.42	3,400	—	600	880	220	1,100	—	—	—
MW-4	04/30/92	348.07	0.00	39.88	308.19	7,200	—	650	1,200	210	1,200	—	—	—
MW-4	07/31/92	348.07	0.00	43.07	305.00	3,800	—	320	340	120	360	—	—	—
MW-4	10/27/92	348.07	0.00	42.78	305.29	9,000	—	440	750	190	900	—	—	—
MW-4	01/22/93	348.07	0.00	34.76	313.31	12,000	—	540	1,200	320	1,900	—	—	—
MW-4	04/05/93	348.07	0.00	33.61	314.46	1,100	—	34	18	12	31	—	—	—
MW-4	07/06/93	348.07	0.00	35.37	312.70	4,000	—	220	300	43	440	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Product Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)					
MW-4	11/30/93	348.07	0.00	37.78	310.29	1,400	—	140	83	54	110	—	—	—
MW-4	01/27/94	348.07	0.00	42.10	305.97	910	—	140	75	24	94	—	—	—
MW-4	04/25/94	348.07	0.00	40.28	307.79	—	—	—	—	—	—	—	—	—
MW-4	04/26/94	348.07	—	—	—	27,000	—	1,200	1,800	580	2,500	—	—	—
MW-4	07/08/94	348.07	0.00	41.38	306.69	540	—	57	47	17	43	—	—	—
MW-4	10/05/94	348.07	0.00	42.17	305.90	3,200	—	230	280	73	210	—	—	—
MW-4	02/21/95	348.07	0.02	34.87	313.22	—	—	—	—	—	—	—	—	—
MW-4	05/03/95	348.07	0.00	34.81	313.26	—	—	—	—	—	—	—	—	—
MW-4	05/04/95	348.07	—	—	—	1,700	—	100	200	50	240	—	—	—
MW-4	08/04/95	348.07	0.00	37.18	310.89	2,500	—	92	67	49	150	12	—	—
MW-4	11/10/95	348.07	0.00	39.86	308.21	11,000	—	1,100	590	420	1,200	—	—	—
MW-4	02/12/96	348.07	0.00	36.38	311.69	77	—	4.5	2.4	ND	2.8	17	—	—
MW-4	05/17/96	348.07	0.00	36.00	312.07	470	—	50	ND	ND	8.9	ND	—	—
MW-4	08/12/96	348.07	0.00	38.63	309.44	4,000	—	830	180	160	250	ND	—	—
MW-4	11/08/96	348.07	0.00	40.28	307.79	1,100	—	160	35	41	110	ND	—	—
MW-4	02/12/97	348.07	0.00	34.45	313.62	—	—	—	—	—	—	—	—	—
MW-4†	03/17/97	348.07	0.00	37.25	310.82	2,100	—	200	40	54	74	ND	—	—
MW-4†	05/13/97	348.07	0.00	37.92	310.15	2,200	—	320	72	67	100	ND	—	—
MW-4†	08/12/97	348.07	0.00	40.87	307.20	2,200	—	310	31	59	68	ND	—	—
MW-4†	10/31/97	348.07	0.00	41.21	306.86	1,000	—	160	ND	15	28	ND	—	—
MW-4†	01/21/98	348.07	0.00	41.20	306.87	610	—	17	2.4	27	5.3	ND	—	—
MW-4†	04/24/98	348.07	0.00	36.90	311.17	460	—	5.0	1.2	3.0	ND	ND	—	4.05
MW-4†	07/20/98	348.07	0.00	39.56	308.51	1,700	—	79	12	40	16	ND	—	0.73
MW-4†	10/21/98	348.07	0.00	40.51	307.56	2,000	—	200	59	51	90	ND	—	0.21
MW-4†	02/22/99	348.07	0.00	41.46	306.61	920	—	45	21	6.3	100	ND	—	0.74
MW-5	10/18/90	347.97	—	**	—	—	—	—	—	—	—	—	—	—
MW-5	08/06/91	347.97	0.00	34.25	313.72	—	—	—	—	—	—	—	—	—
MW-5	01/08/92	347.97	0.00	34.22	313.75	—	—	—	—	—	—	—	—	—
MW-5	04/30/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-5	07/31/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-5	10/27/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-5	01/22/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-5	04/05/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-5	07/06/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-5	11/30/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-5	01/27/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)									
MW-5	04/25/94	347.97	0.00	34.23	313.74	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	07/08/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	02/21/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	05/03/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	08/04/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	11/10/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	02/12/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	05/17/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	08/12/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	11/08/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	02/12/97	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	03/17/97	347.97	0.00	34.21	313.76	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	05/13/97	347.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5***	08/12/97	347.97	0.00	34.22	313.75	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	10/31/97	347.97	0.00	34.19	313.78	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	01/21/98	347.97	0.00	31.25	316.72	—	—	—	—	—	—	—	—	—	—	—	—	
MW-5	04/24/98	347.97	0.00	34.21	313.76	—	—	—	—	—	—	—	—	—	—	—	3.43	
MW-5	07/20/98	347.97	0.00	34.21	313.76	—	—	—	—	—	—	—	—	—	—	—	0.55	
MW-5	10/21/98	347.97	0.00	34.20	313.77	—	—	—	—	—	—	—	—	—	—	—	3.07	
MW-5	02/22/99	347.97	0.00	34.25	313.72	—	—	—	—	—	—	—	—	—	—	—	3.45	
MW-6	10/18/90	348.23	0.00	43.60	304.63	3,000	ND	1,300	150	120	85	—	—	—	—	—	—	
MW-6	08/06/91	348.23	0.00	39.07	309.16	1,600	—	220	10	5.2	14	—	—	—	—	—	—	
MW-6	01/08/92	348.23	0.00	39.18	309.05	370	—	81	3.9	4.5	2.9	—	—	—	—	—	—	
MW-6	04/30/92	348.23	0.00	40.46	307.77	610	—	180	8.4	6.8	3.3	—	—	—	—	—	—	
MW-6	07/31/92	348.23	0.00	43.61	304.62	96	—	1,500	1,500	370	1,100	—	—	—	—	—	—	
MW-6	10/27/92	348.23	0.00	43.68	304.55	9,400	—	27	ND	6	10	—	—	—	—	—	—	
MW-6	01/22/93	348.23	0.00	35.66	312.57	250	—	12	2.4	1.4	1.9	—	—	—	—	—	—	
MW-6	04/05/93	348.23	0.00	34.41	313.82	190	—	2.3	0.99	ND	0.5	—	—	—	—	—	—	
MW-6	07/06/93	348.23	0.00	36.01	312.22	99	—	1.4	0.54	ND	ND	—	—	—	—	—	—	
MW-6	11/30/93	348.23	0.00	38.36	309.87	86	—	9.1	ND	ND	ND	—	—	—	—	—	—	
MW-6	01/27/94	348.23	0.00	42.57	305.66	140	—	1.7	ND	ND	ND	—	—	—	—	—	—	
MW-6	04/25/94	348.23	0.00	40.77	307.46	—	—	—	—	—	—	—	—	—	—	—	—	
MW-6	04/26/94	348.23	—	—	—	330	—	40	ND	ND	ND	—	—	—	—	—	—	
MW-6	07/08/94	348.23	0.00	41.82	306.41	170	—	8.8	9.2	3.5	12	—	—	—	—	—	—	
MW-6	10/05/94	348.23	0.00	42.64	305.59	600	—	100	5.6	11	12	—	—	—	—	—	—	
MW-6	02/21/95	348.23	0.01	35.55	312.69	—	—	—	—	—	—	—	—	—	—	—	—	

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Product Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)					
MW-6	05/03/95	348.23	0.00	35.47	312.76	—	—	—	—	—	—	—	—	—
MW-6	05/04/95	348.23	—	—	—	350	—	6.8	1.8	7.4	7.1	—	—	—
MW-6	08/04/95	348.23	0.00	37.72	310.51	150	—	3.8	1.7	ND	1.1	6.5	—	—
MW-6	11/10/95	348.23	0.00	40.31	307.92	130	—	6.6	0.96	1.6	1.7	—	—	—
MW-6	02/12/96	348.23	0.00	36.92	311.31	65	—	2.8	1.6	0.57	1.3	5.2	—	—
MW-6	05/17/96	348.23	0.00	36.56	311.67	91	—	2.8	ND	ND	ND	ND	—	—
MW-6	08/12/96	348.23	0.00	39.12	309.11	75	—	4.6	2.6	ND	1.7	ND	—	—
MW-6	11/08/96	348.23	0.00	40.69	307.54	60	—	2.5	0.60	0.50	0.68	ND	—	—
MW-6	02/12/97	348.23	0.00	34.99	313.24	—	—	—	—	—	—	—	—	—
MW-6†	03/17/97	348.23	0.00	37.76	310.47	ND	—	ND	ND	ND	ND	ND	—	—
MW-6†	05/13/97	348.23	0.00	38.45	309.78	ND	—	ND	ND	ND	ND	ND	—	—
MW-6†	08/12/97	348.23	0.00	41.33	306.90	68	—	1.3	ND	ND	ND	ND	—	—
MW-6†	10/31/97	348.23	0.00	41.68	306.55	ND	—	ND	ND	ND	ND	ND	—	—
MW-6†	01/21/98	348.23	0.00	41.62	306.61	180	—	2.1	ND	0.4	ND	ND	—	—
MW-6†	04/24/98	348.23	0.00	37.42	310.81	100	—	1.0	ND	ND	ND	ND	—	4.51
MW-6†	07/20/98	348.23	0.00	40.01	308.22	280	—	1.5	6.0	1.2	1.2	ND	—	1.86
MW-6†	10/21/98	348.23	0.00	42.93	305.30	590	—	9.1	7.7	ND	1.1	ND	—	4.63
MW-6†	02/22/99	348.23	0.00	41.83	306.40	170	—	ND	4.4	ND	ND	ND	—	3.79
MW-7	10/18/90	347.90	0.00	9.26	338.64	ND	ND	0	0.5	ND	0.8	—	—	—
MW-7	08/06/91	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	01/08/92	347.90	0.00	23.79	324.11	220	—	7.8	1.7	ND	0.55	—	—	—
MW-7	04/30/92	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	07/31/92	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	10/27/92	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	01/22/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	04/05/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	07/06/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	11/30/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	01/27/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	04/25/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	07/08/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	02/21/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	05/03/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	08/04/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	11/10/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	02/12/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing		Depth to Groundwater		Ethyl- Total MTBE MTBE Dissolved								
		Elevation (feet)	Product Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	8020 (ppb)	8260 (ppb)	Oxygen (mg/L)
MW-7	05/17/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	08/12/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	11/08/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	02/12/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	03/17/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	05/13/97	347.90	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	08/12/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	10/31/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	01/21/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	04/24/98	347.90	0.00	24.44	323.46	—	—	—	—	—	—	—	—	0.45
MW-7	07/20/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	10/21/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-7	02/22/99	347.90	0.00	23.69	324.21	—	—	—	—	—	—	—	—	—
MW-8	10/18/90	348.90	0.00	11.30	337.60	900	ND	3	5	7	62	—	—	—
MW-8	08/06/91	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	01/08/92	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	04/30/92	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	07/31/92	348.90	0.00	12.04	336.86	270*	—	ND	ND	ND	1.3	—	—	—
MW-8	10/27/92	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	01/22/93	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	04/05/93	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	07/06/93	348.90	0.00	7.48	341.42	ND	—	ND	ND	ND	ND	—	—	—
MW-8	11/30/93	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	01/27/94	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	04/25/94	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	07/08/94	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	10/05/94	348.90	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	02/21/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	05/03/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	08/04/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	11/10/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	02/12/96	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	05/17/96	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	08/12/96	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	11/08/96	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	02/12/97	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				Ethyl- Total MTBE MTBE Dissolved								
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	8020 (ppb)	8260 (ppb)	Oxygen (mg/L)
MW-8	03/17/97	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	05/13/97	348.90	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	08/12/97	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-8	10/31/97	348.90	0.00	18.88	330.02	—	—	—	—	—	—	—	—	—
MW-8	01/21/98	348.90	0.00	19.50	329.40	—	—	—	—	—	—	—	—	—
MW-8	04/24/98	348.90	0.00	18.53	330.37	—	—	—	—	—	—	—	—	1.98
MW-8	07/20/98	348.90	0.00	19.22	329.68	—	—	—	—	—	—	—	—	5.25
MW-8	10/21/98	348.90	0.00	20.19	328.71	—	—	—	—	—	—	—	—	4.28
MW-8	02/22/99	348.90	0.00	20.64	328.26	—	—	—	—	—	—	—	—	4.71
MW-9	02/04/92	348.53	0.00	43.54	304.99	16,000	—	3,000	740	1,200	2,500	—	—	—
MW-9	04/30/92	348.53	0.00	42.83	305.70	5,600	—	1,000	120	410	350	—	—	—
MW-9	07/31/92	348.53	0.00	47.36	301.17	93	—	1,800	1,900	620	940	—	—	—
MW-9	10/27/92	348.53	0.00	48.32	300.21	13,000	—	2,400	1,600	680	1,100	—	—	—
MW-9	01/22/93	348.53	0.00	39.11	309.42	5,600	—	1,200	200	510	350	—	—	—
MW-9	04/05/93	348.53	0.00	37.10	311.43	7,900	—	1,300	510	620	670	—	—	—
MW-9	07/06/93	348.53	0.00	39.21	309.32	3,200	—	510	46	170	150	—	—	—
MW-9	11/30/93	348.53	0.00	40.58	307.95	2,800	—	610	28	220	65	—	—	—
MW-9	01/27/94	348.53	0.00	44.32	304.21	11,000	—	1,400	130	230	700	—	—	—
MW-9	04/25/94	348.53	0.00	43.05	305.48	—	—	—	—	—	—	—	—	—
MW-9	04/26/94	348.53	—	—	—	3,900	—	460	56	160	220	—	—	—
MW-9	07/08/94	348.53	0.00	45.72	302.81	2,600	—	340	82	96	220	—	—	—
(Abandoned 08/01/94)														
MW-10	11/30/93	347.95	0.00	37.97	309.98	ND	—	ND	ND	ND	ND	—	—	—
MW-10	01/27/94	347.95	0.00	42.16	305.79	ND	—	ND	ND	ND	1.2	—	—	—
MW-10	04/25/94	347.95	0.00	40.39	307.56	—	—	—	—	—	—	—	—	—
MW-10	04/26/94	347.95	—	—	—	810	—	17	0.84	ND	ND	—	—	—
MW-10	07/08/94	347.95	0.00	41.45	306.50	110	—	18	12	3.7	14	—	—	—
MW-10	10/05/94	347.95	0.00	42.28	305.67	87	—	8.0	5.0	0.85	4.5	—	—	—
MW-10	02/21/95	347.95	0.00	35.14	312.81	70	—	3.6	12	1.8	9.5	—	—	—
MW-10	05/03/95	347.95	0.00	35.07	312.88	ND	—	ND	ND	ND	ND	—	—	—
MW-10	08/04/95	347.95	0.00	37.42	310.53	ND	—	ND	ND	ND	ND	ND	—	—
MW-10	11/10/95	347.95	0.00	39.95	308.00	ND	—	ND	ND	ND	ND	—	—	—
MW-10	02/12/96	347.95	0.00	36.57	311.38	ND	—	ND	1.9	ND	1.2	1.2	—	—
MW-10	05/17/96	347.95	0.00	36.18	311.77	ND	—	ND	ND	ND	ND	ND	—	—
MW-10	08/12/96	347.95	0.00	38.76	309.19	ND	—	ND	ND	ND	ND	ND	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Depth to Groundwater				Ethyl- benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Product Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)					
MW-10	11/08/96	347.95	0.00	40.35	307.60	ND	—	ND	ND	ND	ND	ND	—	—
MW-10	02/12/97	347.95	0.00	34.62	313.33	—	—	—	—	—	—	—	—	—
MW-10†	03/17/97	347.95	0.00	37.40	310.55	ND	—	ND	ND	ND	ND	ND	—	—
MW-10†	05/13/97	347.95	0.00	38.08	309.87	ND	—	ND	ND	ND	ND	ND	—	—
MW-10†	08/12/97	347.95	0.00	40.97	306.98	ND	—	ND	ND	ND	ND	ND	—	—
MW-10†	10/31/97	347.95	0.00	41.29	306.66	ND	—	ND	ND	ND	ND	ND	—	—
MW-10†	01/21/98	347.95	0.00	41.88	306.07	ND	—	ND	ND	ND	ND	ND	—	—
MW-10†	04/24/98	347.95	0.00	37.06	310.89	ND	—	ND	ND	ND	ND	ND	—	3.34
MW-10†	07/20/98	347.95	0.00	39.62	308.33	ND	—	ND	ND	ND	ND	ND	—	0.96
MW-10†	10/21/98	347.95	0.00	42.39	305.56	ND	—	ND	ND	ND	ND	ND	—	5.31
MW-10	02/22/99	347.95	0.00	41.51	306.44	—	—	—	—	—	—	—	—	4.97
MW-11	11/30/93	347.56	0.00	38.41	309.15	ND	—	ND	ND	ND	1.6	—	—	—
MW-11	01/27/94	347.56	0.00	38.02	309.54	ND	—	ND	ND	ND	ND	—	—	—
MW-11	04/25/94	347.56	0.00	38.77	308.79	—	—	—	—	—	—	—	—	—
MW-11	04/26/94	347.56	—	—	—	ND	—	ND	ND	ND	1.7	—	—	—
MW-11	07/08/94	347.56	0.00	41.70	305.86	120	—	23	18	4.0	15	—	—	—
MW-11	10/05/94	347.56	0.00	44.49	303.07	130	—	12	19	4.6	24	—	—	—
MW-11	02/21/95	347.56	0.00	41.74	305.82	300	—	27	64	7.3	36	—	—	—
MW-11	05/03/95	347.56	0.00	34.64	312.92	ND	—	ND	ND	ND	ND	—	—	—
MW-11	08/04/95	347.56	0.00	35.28	312.28	ND	—	ND	ND	ND	ND	ND	—	—
MW-11	11/10/95	347.56	0.00	36.85	310.71	ND	—	ND	0.88	ND	0.88	—	—	—
MW-11	02/12/96	347.56	0.00	36.18	311.38	ND	—	ND	1.7	ND	1.2	1.3	—	—
MW-11	05/17/96	347.56	0.00	34.39	313.17	ND	—	ND	ND	ND	ND	ND	—	—
MW-11	08/12/96	347.56	0.00	35.64	311.92	ND	—	ND	ND	ND	ND	ND	—	—
MW-11	11/08/96	347.56	0.00	37.34	310.22	ND	—	ND	ND	ND	0.81	ND	—	—
MW-11	02/12/97	347.56	0.00	35.37	312.19	—	—	—	—	—	—	—	—	—
MW-11†	03/17/97	347.56	0.00	35.11	312.45	ND	—	ND	ND	ND	ND	ND	—	—
MW-11†	05/13/97	347.56	0.00	36.19	311.37	ND	—	ND	ND	ND	ND	ND	—	—
MW-11†	08/12/97	347.56	0.00	37.73	309.83	ND	—	ND	ND	ND	ND	ND	—	—
MW-11†	10/31/97	347.56	0.00	40.48	307.08	ND	—	ND	ND	ND	ND	ND	—	—
MW-11†	01/21/98	347.56	0.00	38.28	309.28	ND	—	ND	ND	ND	ND	ND	—	—
MW-11†	04/24/98	347.56	0.00	34.50	313.06	ND	—	ND	ND	ND	ND	ND	—	5.03
MW-11†	07/20/98	347.56	0.00	40.21	307.35	ND	—	ND	ND	ND	ND	ND	—	4.71
MW-11†	10/21/98	347.56	0.00	43.07	304.49	ND	—	ND	ND	ND	ND	ND	—	5.15
MW-11	02/22/99	347.56	0.00	42.32	305.24	—	—	—	—	—	—	—	—	5.24

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)									
MW-12	11/30/93	347.15	0.00	37.97	309.18	55	—	1.8	4.3	2.5	11	—	—	—				
MW-12	01/27/94	347.15	0.00	44.02	303.13	ND	—	ND	ND	ND	ND	—	—	—				
MW-12	04/25/94	347.15	0.00	42.27	304.88	—	—	—	—	—	—	—	—	—				
MW-12	04/26/94	347.15	—	—	—	ND	—	ND	ND	ND	1.4	—	—	—				
MW-12	07/08/94	347.15	0.00	43.26	303.89	53	—	8.4	7.4	1.9	7.1	—	—	—				
MW-12	10/05/94	347.15	0.00	44.32	302.83	350	—	27	56	13	67	—	—	—				
MW-12	02/21/95	347.15	0.00	37.83	309.32	ND	—	4.0	4.0	0.77	3.6	—	—	—				
MW-12	05/03/95	347.15	0.00	37.24	309.91	ND	—	ND	ND	ND	ND	—	—	—				
MW-12	08/04/95	347.15	0.00	39.07	308.08	ND	—	ND	ND	ND	ND	ND	—	—				
MW-12	11/10/95	347.15	0.00	41.24	305.91	ND	—	ND	ND	ND	ND	—	—	—				
MW-12	02/12/96	347.15	0.00	38.19	308.96	ND	—	ND	2.1	ND	1.3	2.5	—	—				
MW-12**	05/17/96	347.15	—	—	—	—	—	—	—	—	—	—	—	—				
MW-12	08/12/96	347.15	0.00	40.32	306.83	ND	—	ND	ND	ND	ND	ND	—	—				
MW-12	11/08/96	347.15	0.00	41.32	305.83	ND	—	ND	ND	ND	ND	ND	—	—				
MW-12	02/12/97	347.15	0.00	35.98	311.17	—	—	—	—	—	—	—	—	—				
MW-12†	03/17/97	347.15	0.00	38.67	308.48	ND	—	ND	ND	ND	ND	ND	—	—				
MW-12†	05/13/97	347.15	0.00	39.68	307.47	ND	—	ND	ND	ND	ND	ND	—	—				
MW-12†	08/12/97	347.15	0.00	42.81	304.34	ND	—	ND	ND	ND	ND	ND	—	—				
MW-12†	10/31/97	347.15	0.00	43.28	303.87	ND	—	ND	ND	ND	ND	ND	—	—				
MW-12†	01/21/98	347.15	0.00	43.10	304.05	ND	—	ND	ND	ND	ND	ND	—	—				
MW-12†	04/24/98	347.15	0.00	38.23	308.92	ND	—	ND	ND	ND	ND	ND	—	2.80				
MW-12†	07/20/98	347.15	0.00	41.09	306.06	ND	—	ND	ND	ND	ND	ND	—	—				
MW-12†	10/21/98	347.15	0.00	44.23	302.92	ND	—	ND	ND	ND	ND	ND	—	4.87				
MW-12**	02/22/99	347.15	0.00	—	—	—	—	—	—	—	—	—	—	—				
VMW-1	11/30/93	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	01/27/94	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	04/25/94	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	07/08/94	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	10/05/94	348.05	—	—	—	—	—	—	—	—	—	—	—	—				
VMW-1	02/21/95	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	05/03/95	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	08/04/95	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	11/10/95	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	02/12/96	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	05/17/96	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				
VMW-1	08/12/96	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—				

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)									
VMW-1	11/08/96	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	02/12/97	348.05	0.00	30.60	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	03/17/97	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	05/13/97	348.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	08/12/97	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	10/31/97	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	01/21/98	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	04/24/98	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	07/20/98	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	10/21/98	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-1	02/22/99	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	11/30/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	01/27/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	04/25/94	347.90	0.00	33.82	314.08	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	07/08/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	02/21/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	05/03/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	08/04/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	11/10/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	02/12/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	05/17/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	08/12/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	11/08/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	02/12/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	03/17/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	05/13/97	347.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	08/12/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	10/31/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	01/21/98	347.90	0.00	27.85	320.05	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	04/24/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	07/20/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	10/21/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	02/22/99	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-3	11/30/93	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-3	01/27/94	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
				Water (feet)	Elevation (feet)									
VMW-3	04/25/94	348.10	Trace	31.23	316.87	—	—	—	—	—	—	—	—	—
VMW-3	07/08/94	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	02/21/95	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	05/03/95	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	08/04/95	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	11/10/95	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	02/12/96	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	05/17/96	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	08/12/96	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	11/08/96	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	02/12/97	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	03/17/97	348.10	0.00	31.29	316.81	—	—	—	—	—	—	—	—	—
VMW-3	05/13/97	348.10	—	—	—	—	—	—	—	—	—	—	—	—
VMW-3	08/12/97	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	10/31/97	348.10	0.00	31.21	316.89	—	—	—	—	—	—	—	—	—
VMW-3	01/21/98	348.10	0.00	31.25	316.85	—	—	—	—	—	—	—	—	—
VMW-3	04/24/98	348.10	0.00	31.21	316.89	—	—	—	—	—	—	—	—	0.34
VMW-3	07/20/98	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	10/21/98	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	02/22/99	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	11/30/93	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	01/27/94	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	04/25/94	347.95	—	31.41	316.54	—	—	—	—	—	—	—	—	—
VMW-4	07/08/94	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	02/21/95	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	05/03/95	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	08/04/95	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	11/10/95	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	02/12/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	05/17/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	08/12/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	11/08/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	02/12/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	03/17/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	05/13/97	347.95	—	—	—	—	—	—	—	—	—	—	—	—
VMW-4	08/12/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
				Water (feet)	Elevation (feet)									
VMW-4	10/31/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	01/21/98	347.95	0.00	10.95	337.00	—	—	—	—	—	—	—	—	—
VMW-4	04/24/98	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	07/20/98	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	10/21/98	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	02/22/99	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
RW-1	11/30/93	347.89	Trace	37.75	310.14	—	—	—	—	—	—	—	—	—
RW-1	01/27/94	347.89	Trace	42.00	305.89	—	—	—	—	—	—	—	—	—
RW-1	04/25/94	347.89	0.02	40.24	307.67	—	—	—	—	—	—	—	—	—
RW-1	07/08/94	347.89	0.15	41.41	306.59	—	—	—	—	—	—	—	—	—
RW-1	10/05/94	347.89	Trace	42.18	305.71	—	—	—	—	—	—	—	—	—
RW-1	02/21/95	347.89	Trace	34.94	312.95	110,000	—	16,000	29,000	2,200	14,000	—	—	—
RW-1	05/03/95	347.89	0.01	34.83	313.07	—	—	—	—	—	—	—	—	—
RW-1	08/04/95	347.89	Trace	37.11	310.78	—	—	—	—	—	—	—	—	—
RW-1	11/10/95	347.89	0.02	39.74	308.17	—	—	—	—	—	—	—	—	—
RW-1	02/12/96	347.89	0.00	47.29	300.60	41,000	—	4,400	12,000	960	6,900	120	—	—
RW-1	05/17/96	347.89	0.00	47.53	300.36	81,000	—	2,700	8,600	1,100	6,300	ND	—	—
RW-1	08/12/96	347.89	0.00	39.75	308.14	140,000	—	12,000	25,000	2,200	15,000	ND	—	—
RW-1	11/08/96	347.89	—	—	—	81,000	—	5,300	11,000	1,300	8,900	ND	—	—
RW-1	02/12/97	347.89	0.00	46.50	301.39	—	—	—	—	—	—	—	—	—
RW-1†	03/17/97	347.89	0.00	49.30	298.59	38,000	—	3,600	12,000	710	7,400	ND	—	—
RW-1†	05/13/97	347.89	0.00	37.86	310.03	130,000	—	7,300	20,000	1,500	12,000	ND	—	—
RW-1†	08/12/97	347.89	0.00	40.77	307.12	72,000	—	9,200	19,000	1,300	7,000	1,000	ND	—
RW-1†	10/31/97	347.89	0.00	47.54	300.35	45,000	—	4,500	11,000	530	6,800	630	ND	—
RW-1†	01/21/98	347.89	0.00	46.71	301.18	23,000	—	570	1,300	120	2,500	ND	ND	—
RW-1†	04/24/98	347.89	0.00	—	—	28,000	—	1,300	3,400	250	4,000	ND	—	—
RW-1†	07/20/98	347.89	0.00	45.54	302.35	21,000	—	1,400	3,500	530	2,700	ND	ND	1.60
RW-1†	10/21/98	347.89	0.00	42.41	305.48	35,000	—	3,500	5,700	660	4,100	ND	25	5.41
RW-1†	02/22/99	347.89	0.00	41.25	306.64	28,000	—	1,100	1,700	220	3,000	ND	ND	5.01
RW-2	10/05/94	347.82	0.00	43.33	304.49	41,000	—	6,500	6,300	1,000	5,400	—	—	—
RW-2	02/21/95	347.82	0.00	35.05	312.77	45,000	—	6,200	2,600	1,400	5,600	—	—	—
RW-2	05/03/95	347.82	0.00	35.11	312.71	30,000	—	3,600	2,000	1,000	5,700	—	—	—
RW-2	08/04/95	347.82	0.00	37.35	310.47	21,000	—	4,100	1,400	810	3,200	ND	—	—
RW-2	11/10/95	347.82	0.00	41.02	306.80	26,000	—	2,600	990	810	2,700	—	—	—
RW-2	02/12/96	347.82	0.00	38.63	309.19	10,000	—	600	600	230	1,900	ND	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Product Thickness (feet)	Water (feet)	Elevation (feet)									
RW-2	05/17/96	347.82	0.00	48.56	299.26	4,000	—	300	64	86	470	10	—	—
RW-2	08/12/96	347.82	0.00	44.74	303.08	5,400	—	1,100	36	320	190	ND	—	—
RW-2	11/08/96	347.82	—	—	—	3,500	—	480	48	150	150	ND	—	—
RW-2	02/12/97	347.82	0.00	48.10	299.72	—	—	—	—	—	—	—	—	—
RW-2†	03/17/97	347.82	0.00	50.90	296.92	1,100	—	180	21	42	56	ND	—	—
RW-2†	05/13/97	347.82	0.00	38.11	309.71	3,500	—	680	93	150	300	ND	—	—
RW-2†	08/12/97	347.82	0.00	44.22	303.60	1,200	—	180	6.7	44	27	ND	—	—
RW-2†	10/31/97	347.82	0.00	49.13	298.69	440	—	8.9	3.6	1.5	90	ND	—	—
RW-2†	01/21/98	347.82	0.00	49.39	298.43	ND	—	ND	ND	ND	ND	ND	—	—
RW-2†	04/24/98	347.82	—	—	—	3,000	—	100	12	46	77	28	ND	—
RW-2†	07/20/98	347.82	0.00	47.16	300.66	480	—	20	6.9	7.7	9.6	ND	—	1.72
RW-2†	10/21/98	347.82	0.00	46.08	301.74	780	—	4.4	6.1	2.8	3.9	ND	—	2.18
RW-2†	02/22/99	347.82	0.00	44.31	303.51	2,300	—	87	11	33	27	ND	—	3.07
RW-3	10/05/94	347.92	0.00	44.66	303.26	1,600	—	120	180	26	170	—	—	—
RW-3	02/21/95	347.92	0.00	39.85	308.07	620	—	67	30	12	48	—	—	—
RW-3	05/03/95	347.92	0.00	40.12	307.80	780	—	31	28	6.0	40	—	—	—
RW-3	08/04/95	347.92	0.00	41.84	306.08	190	—	37	14	ND	19	8.1	—	—
RW-3	11/10/95	347.92	0.00	44.45	303.47	160	—	19	5.0	ND	4.4	—	—	—
RW-3	02/12/96	347.92	0.00	42.62	305.30	ND	—	0.78	2.0	ND	2.0	1.4	—	—
RW-3	05/17/96	347.92	0.00	48.90	299.02	52	—	2.8	0.5	ND	ND	3.6	—	—
RW-3	08/12/96	347.92	0.00	43.71	304.21	ND	—	0.87	ND	ND	ND	ND	—	—
RW-3	11/08/96	347.92	—	—	—	110	—	28	3.3	1.2	4.5	ND	—	—
RW-3	02/12/97	347.92	0.00	48.82	299.10	—	—	—	—	—	—	—	—	—
RW-3†	03/17/97	347.92	0.00	51.61	296.31	ND	—	ND	ND	ND	ND	ND	—	—
RW-3†	05/13/97	347.92	0.00	38.22	309.70	960	—	180	190	6.8	79	ND	—	—
RW-3†	08/12/97	347.92	0.00	44.15	303.77	160	—	20	11	2.1	17	4.8	—	—
RW-3†	10/31/97	347.92	0.00	48.18	299.74	330	—	11	14	4.4	32	10	—	—
RW-3†	01/21/98	347.92	0.00	46.31	301.61	50	—	1.4	0.9	0.4	2.1	ND	—	—
RW-3†	04/24/98	347.92	—	—	—	ND	—	ND	ND	ND	ND	ND	—	—
RW-3†	07/20/98	347.92	0.00	46.81	301.11	80	—	0.6	1.0	ND	ND	ND	—	2.87
RW-3	10/21/98	347.92	—	Dry	—	—	—	—	—	—	—	—	—	—
RW-3†	02/22/99	347.92	0.00	44.17	303.75	ND	—	ND	ND	ND	ND	ND	—	3.42
RW-4	10/05/94	348.29	0.00	42.62	305.67	130	—	11	4.9	1.5	9.2	—	—	—
RW-4	02/21/95	348.29	0.02	35.40	312.91	—	—	—	—	—	—	—	—	—
RW-4	05/03/95	348.29	0.00	35.03	313.26	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
RW-4	05/04/95	348.29	—	—	—	2,900	—	330	130	120	410	—	—	—
RW-4	08/04/95	348.29	0.00	37.62	310.67	520	—	63	ND	14	2.1	6.1	—	—
RW-4	11/10/95	348.29	0.00	40.26	308.03	450	—	94	28	31	43	—	—	—
RW-4	02/12/96	348.29	0.00	36.84	311.45	52	—	1.5	2.0	2.9	2.4	4.0	—	—
RW-4	05/17/96	348.29	0.00	36.58	311.71	160	—	7.7	2.3	26	1.4	ND	—	—
RW-4	08/12/96	348.29	0.00	38.96	309.33	ND	—	ND	ND	ND	ND	ND	—	—
RW-4	11/08/96	348.29	—	—	—	ND	—	ND	ND	ND	ND	ND	—	—
RW-4	02/12/97	348.29	0.00	34.95	313.34	—	—	—	—	—	—	—	—	—
RW-4†	03/17/97	348.29	0.00	37.75	310.54	ND	—	ND	ND	ND	ND	ND	—	—
RW-4†	05/13/97	348.29	0.00	38.36	309.93	ND	—	ND	ND	ND	ND	ND	—	—
RW-4†	08/12/97	348.29	0.00	41.28	307.01	ND	—	ND	ND	ND	ND	ND	—	—
RW-4†	10/31/97	348.29	0.00	41.75	306.54	ND	—	ND	ND	ND	ND	ND	—	—
RW-4†	01/21/98	348.29	0.00	41.61	306.68	ND	—	ND	ND	ND	ND	ND	—	—
RW-4†	04/24/98	348.29	—	—	—	ND	—	ND	ND	ND	ND	ND	—	—
RW-4†	07/20/98	348.29	0.00	49.94	298.35	ND	—	ND	ND	ND	ND	ND	—	1.93
RW-4	10/21/98	348.29	—	Dry	—	—	—	—	—	—	—	—	—	—
RW-4†	02/22/99	348.29	0.00	41.80	306.49	ND	—	ND	ND	ND	ND	ND	—	2.98

FORMER UNOCAL STATION #0543 WELLS

MW-1#	12/16/92	351.18	—	—	—	ND	ND	ND	ND	ND	ND	—	—	—
MW-1#	02/02/93	351.18	0.00	37.76	313.42	—	—	—	—	—	—	—	—	—
MW-1#	03/01/93	351.18	0.00	36.26	314.92	—	—	—	—	—	—	—	—	—
MW-1#	04/14/93	351.18	0.00	36.56	314.62	ND	ND	ND	ND	ND	ND	—	—	—
MW-1#	05/14/93	351.18	0.00	37.27	313.91	—	—	—	—	—	—	—	—	—
MW-1#	06/15/93	351.18	0.00	38.02	313.16	—	—	—	—	—	—	—	—	—
MW-1#	07/06/93	351.18	0.00	38.06	313.12	ND	ND	ND	ND	ND	ND	—	—	—
MW-1#	11/30/93	350.78	—	—	—	—	—	—	—	—	—	—	—	—
MW-1#	01/27/94	350.78	0.00	43.41	307.37	ND	—	ND	ND	ND	ND	—	—	—
MW-1#	04/25/94	350.78	0.00	45.32	305.46	ND	—	ND	3.5	ND	3.4	—	—	—
MW-1#	07/08/94	350.78	0.00	46.26	304.52	ND	—	ND	ND	ND	ND	—	—	—
MW-1#	10/05/94	350.78	0.00	47.26	303.52	ND	—	ND	ND	ND	ND	—	—	—
MW-1#	01/04/95	350.78	0.00	44.98	305.80	ND	—	ND	ND	ND	ND	—	—	—
MW-1#	05/03/95	350.78	0.00	36.75	314.03	—	—	—	—	—	—	—	—	—
MW-1#	08/04/95	350.78	0.00	38.54	312.24	—	—	—	—	—	—	—	—	—
MW-1#	11/10/95	350.78	0.00	40.97	309.81	—	—	—	—	—	—	—	—	—
MW-1#	02/12/96	350.78	0.00	37.58	313.20	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-1#	08/19/96	350.78	0.00	39.01	311.77	—	—	—	—	—	—	—	—	—
MW-1#	02/12/97	350.78	0.00	36.25	314.53	—	—	—	—	—	—	—	—	—
MW-2#	12/16/92	349.83	—	—	—	1,600	—	28	ND	5.1	5.6	—	—	—
MW-2#	02/02/93	349.83	0.00	39.18	310.65	—	—	—	—	—	—	—	—	—
MW-2#	03/01/93	349.83	0.00	34.33	315.50	—	—	—	—	—	—	—	—	—
MW-2#	04/14/93	349.83	0.00	37.56	312.27	4,300	—	7.2	5.8	13	10	—	—	—
MW-2#	05/14/93	349.83	0.00	37.49	312.34	—	—	—	—	—	—	—	—	—
MW-2#	06/15/93	349.83	0.00	39.34	310.49	—	—	—	—	—	—	—	—	—
MW-2#	07/06/93	349.83	0.00	37.82	312.01	4,700	—	17	15	30	28	—	—	—
MW-2#	11/30/93	349.51	—	—	—	—	—	—	—	—	—	—	—	—
MW-2#	01/27/94	349.51	0.00	43.15	306.36	1,500	—	28	9.0	ND	20	—	—	—
MW-2#	04/25/94	349.51	0.00	41.90	307.61	1,100	—	19	1.7	2.5	8.8	—	—	—
MW-2#	07/08/94	349.51	0.00	42.75	306.76	1,100	—	17	ND	ND	6	—	—	—
MW-2#	10/05/94	349.51	0.00	43.50	306.01	240	—	4.7	2.5	0.52	2.6	—	—	—
MW-2#	01/04/95	349.51	0.00	44.75	304.76	2,000	—	23	ND	ND	ND	—	—	—
MW-2#	05/03/95	349.51	0.00	36.98	312.53	—	—	—	—	—	—	—	—	—
MW-2#	08/04/95	349.51	0.00	39.15	310.36	2,000	—	40	ND	17	43	—	—	—
MW-2#	11/10/95	349.51	0.00	41.45	308.06	1,400	—	13	2.8	2.7	4.0	—	—	—
MW-2#	02/12/96	349.51	0.00	38.11	311.40	3,200	—	66	9.2	27	35	ND	—	—
MW-2#	08/19/96	349.51	0.00	40.39	309.12	—	—	—	—	—	—	—	—	—
MW-2#	02/12/97	349.51	0.00	36.37	313.14	—	—	—	—	—	—	—	—	—
MW-3#	12/16/92	351.35	—	—	—	ND	—	ND	ND	ND	ND	—	—	—
MW-3#	02/02/93	351.35	0.00	40.62	310.73	—	—	—	—	—	—	—	—	—
MW-3#	03/01/93	351.35	0.00	35.7	315.65	—	—	—	—	—	—	—	—	—
MW-3#	04/14/93	351.35	0.00	38.97	312.38	ND	—	ND	ND	ND	ND	—	—	—
MW-3#	05/14/93	351.35	0.00	39.07	312.28	—	—	—	—	—	—	—	—	—
MW-3#	06/15/93	351.35	0.00	40.68	310.67	—	—	—	—	—	—	—	—	—
MW-3#	07/06/93	351.35	0.00	37.82	313.53	ND	—	ND	ND	ND	ND	—	—	—
MW-3#	11/30/93	351.04	—	—	—	—	—	—	—	—	—	—	—	—
MW-3#	01/27/94	351.04	0.00	44.25	306.79	ND	—	ND	ND	ND	ND	—	—	—
MW-3#	04/25/94	351.04	0.00	43.23	307.81	ND	—	ND	1.4	ND	1.8	—	—	—
MW-3#	07/08/94	351.04	0.00	44.01	307.03	ND	—	ND	ND	ND	ND	—	—	—
MW-3#	10/05/94	351.04	0.00	44.66	306.38	ND	—	ND	ND	ND	ND	—	—	—
MW-3#	01/04/95	351.04	0.00	44.90	306.14	ND	—	ND	ND	ND	ND	—	—	—
MW-3#	05/03/95	351.04	0.00	38.61	312.43	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

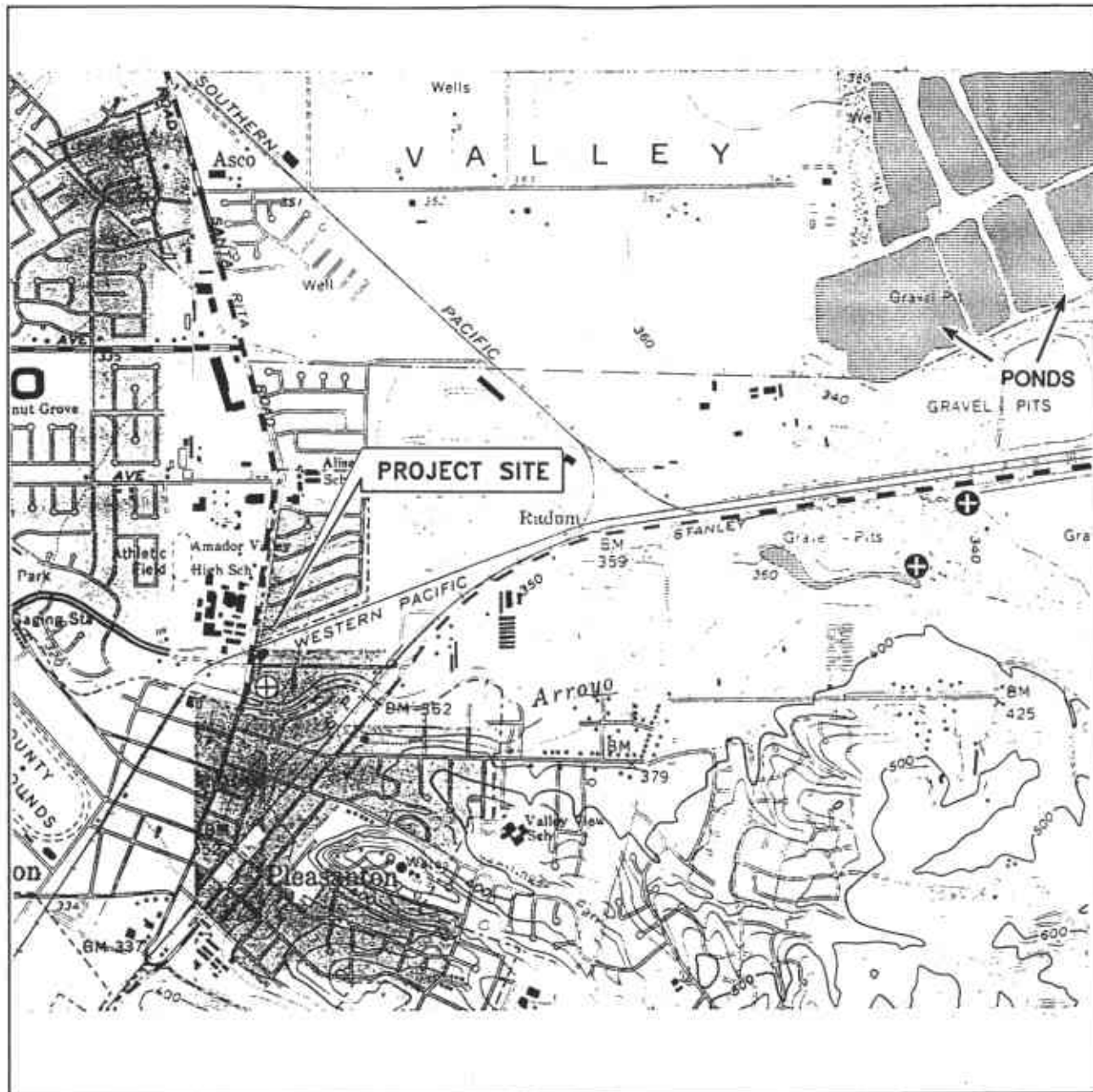
Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-3#	08/04/95	351.04	0.00	40.75	310.29	—	—	—	—	—	—	—	—	—
MW-3#	11/10/95	351.04	0.00	42.68	308.36	—	—	—	—	—	—	—	—	—
MW-3#	02/12/96	351.04	0.00	39.54	311.50	—	—	—	—	—	—	—	—	—
MW-3#	08/19/96	351.04	0.00	41.80	309.24	—	—	—	—	—	—	—	—	—
MW-3#	02/12/97	351.04	0.00	37.74	313.30	—	—	—	—	—	—	—	—	—
MW-4#	01/27/94	350.14	0.00	43.37	306.77	ND	—	ND	ND	ND	ND	—	—	—
MW-4#	04/25/94	350.14	0.00	42.28	307.86	ND	—	ND	1.2	ND	1.5	—	—	—
MW-4#	07/08/94	350.14	0.00	43.2	306.94	ND	—	ND	ND	ND	ND	—	—	—
MW-4#	10/05/94	350.14	0.00	43.97	306.17	ND	—	ND	ND	ND	ND	—	—	—
MW-4#	01/04/95	350.14	0.00	44.96	305.18	ND	—	ND	ND	ND	ND	—	—	—
MW-4#	05/03/95	350.14	0.00	36.06	314.08	—	—	—	—	—	—	—	—	—
MW-4#	08/04/95	350.14	0.00	38.10	312.04	63	—	0.77	1.1	1.9	15	—	—	—
MW-4#	11/10/95	350.14	0.00	40.61	309.53	—	—	—	—	—	—	—	—	—
MW-4#	02/12/96	350.14	0.00	37.24	312.90	ND	—	ND	0.98	ND	0.67	—	—	—
MW-4#	08/19/96	350.14	0.00	39.08	311.06	—	—	—	—	—	—	—	—	—
MW-4#	02/12/97	350.14	0.00	35.51	314.63	—	—	—	—	—	—	—	—	—
MW-5#	01/27/94	349.33	0.00	44.76	304.57	320	—	1.8	1.3	2.6	4.5	—	—	—
MW-5#	04/25/94	349.33	0.00	44.30	305.03	160	—	ND	1.9	1.4	1.9	—	—	—
MW-5#	07/08/94	349.33	0.00	45.17	304.16	120	—	ND	ND	1.1	1.8	—	—	—
MW-5#	10/05/94	349.33	0.00	46.07	303.26	83	—	0.73	0.90	ND	3.0	—	—	—
MW-5#	01/04/95	349.33	0.00	46.38	302.95	210	—	ND	0.74	ND	0.90	—	—	—
MW-5#	05/03/95	349.33	0.00	36.64	312.69	580	—	6.9	1.5	1.6	1.7	—	—	—
MW-5#	08/04/95	349.33	0.00	39.00	310.33	550	—	5.4	0.76	1.2	11	—	—	—
MW-5#	11/10/95	349.33	0.00	42.59	306.74	300	—	0.99	1.2	0.98	0.58	—	—	—
MW-5#	02/12/96	349.33	0.00	37.25	312.08	420	—	8.2	2.1	1.7	1.2	—	—	—
MW-5#	08/19/96	349.33	0.00	39.90	309.43	—	—	—	—	—	—	—	—	—
MW-5#	02/12/97	349.33	0.00	35.93	313.40	—	—	—	—	—	—	—	—	—

NOTES:

ppb = parts per billion
 mg/L = milligrams per liter
 TPH-G = total petroleum hydrocarbons as gasoline
 TPH-D = total petroleum hydrocarbons as diesel
 ND = not detected at or above method detection limits
 — = not measured/not analyzed
 Trace = product present but too thin to be measured

* = reported by laboratory as non-gasoline mixture
 ** = well inaccessible
 *** = insufficient amount of water for sample collection
 # = wells installed by Kaprealian Engineering at former Unocal Station #0543; resurveyed by Kier & Wright Civil Engineers & Surveyors, Inc. on 9/20/93.
 † = sampled using no-purge method



1 MILE 3/4 1/2 1/4 0 1 MILE



SCALE 1 : 24,000



SOURCE:

United States Geological Survey
7.5 Minute Topographic Maps:
Livermore Quadrangle



QUADRANGLE
LOCATION

VICINITY MAP








Former Mobil Station 04-H6J
1024 Main Street
Pleasanton, California

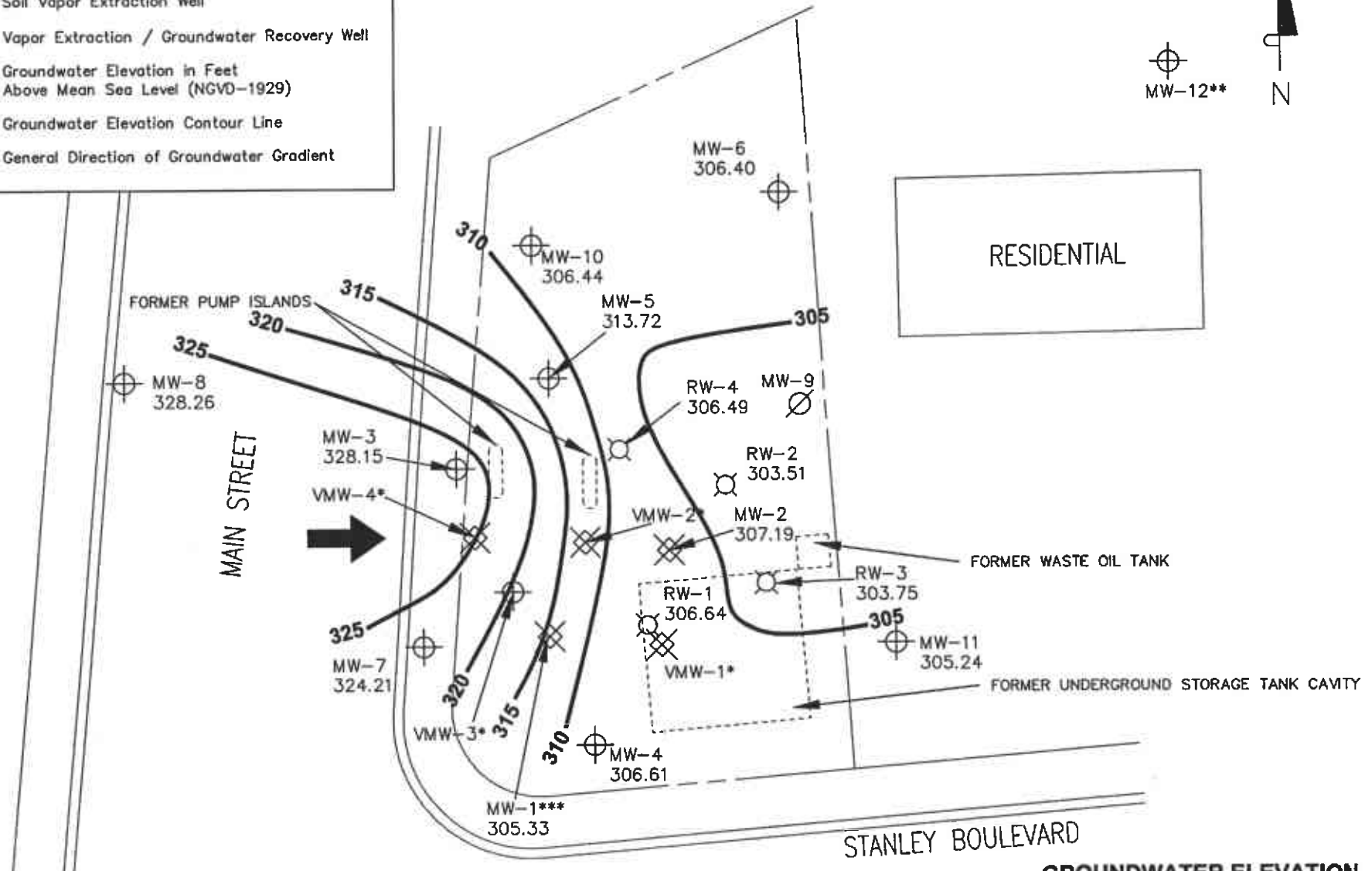
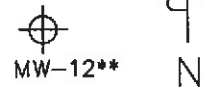
FIGURE 1



**ALTON
GEOSCIENCE**
Livermore, California

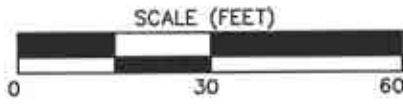
LEGEND

- MW-10  Groundwater Monitoring Well
- MW-9  Abandoned Well
- VMW-4  Soil Vapor Extraction Well
- RW-3  Vapor Extraction / Groundwater Recovery Well
- 311.17  Groundwater Elevation in Feet Above Mean Sea Level (NGVD-1929)
- 320  Groundwater Elevation Contour Line
-  General Direction of Groundwater Gradient









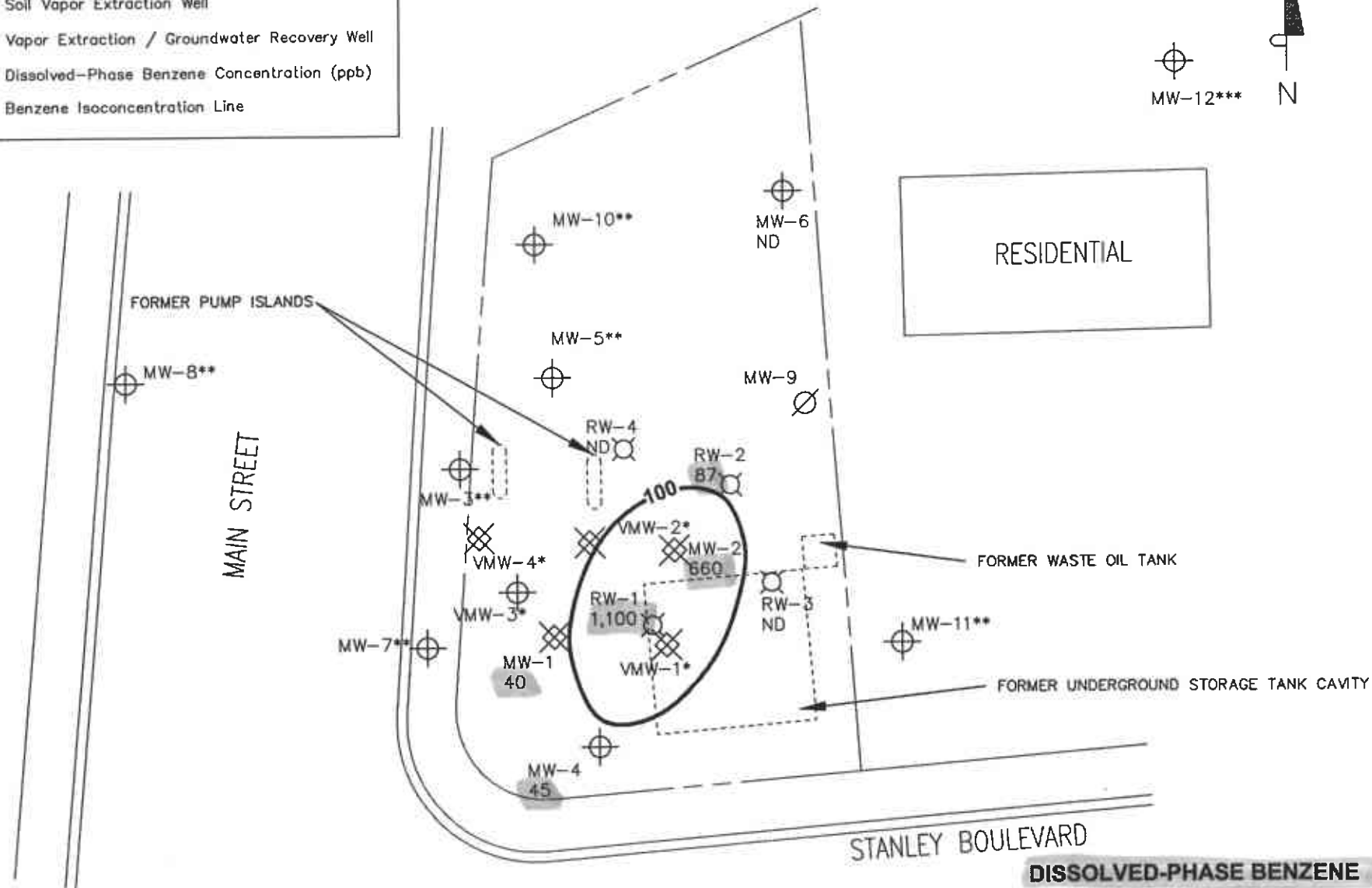
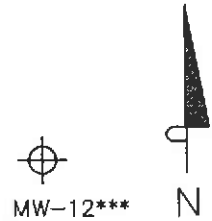
NOTES:
 Contour lines are interpretive based on fluid-level measurements collected February 22, 1999.
 Contour interval = 5.0 feet. * = dry well. ** = well inaccessible. *** = MW-1 not used in contouring.

**GROUNDWATER ELEVATION
 CONTOUR MAP
 February 22, 1999**
 Former Mobil Station 04-H6J
 1024 Main Street
 Pleasanton, California
FIGURE 2

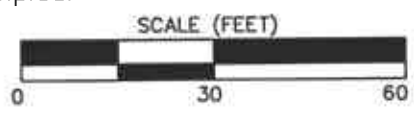


LEGEND

- MW-10  Groundwater Monitoring Well
- MW-9  Abandoned Well
- VMW-4  Soil Vapor Extraction Well
- RW-3  Vapor Extraction / Groundwater Recovery Well
- 300  Dissolved-Phase Benzene Concentration (ppb)
- 100  Benzene Isoconcentration Line



NOTES:
 Results are based on laboratory analysis of groundwater samples collected February 22, 1999.
 ppb = parts per billion; ND = not detected at or above method detection limit. * = dry well; not sampled; ** = well inadvertently not sampled. *** = well inaccessible.

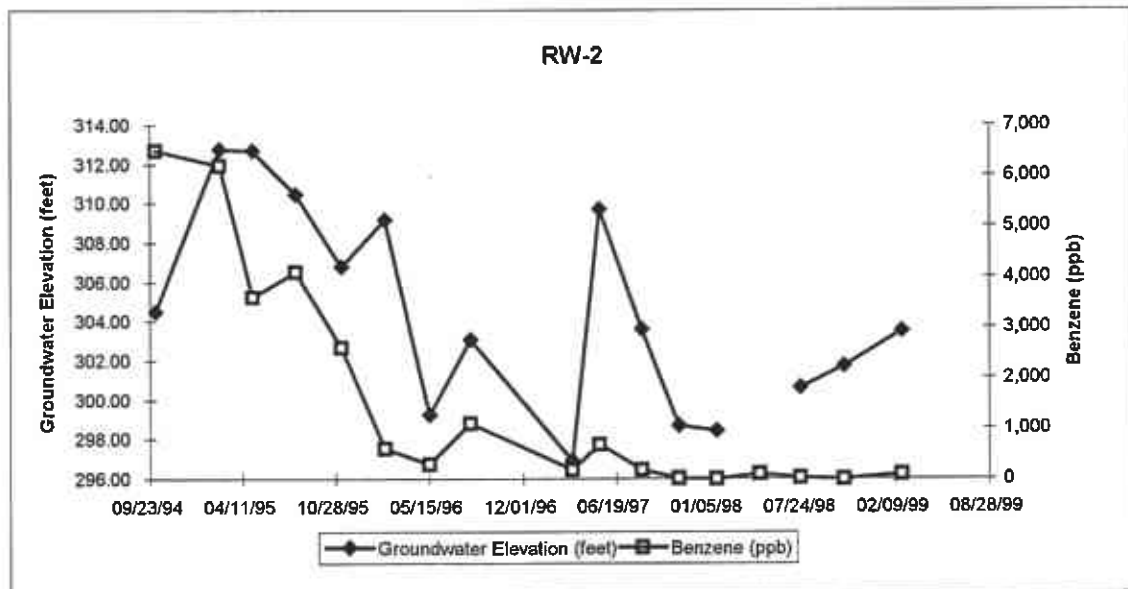
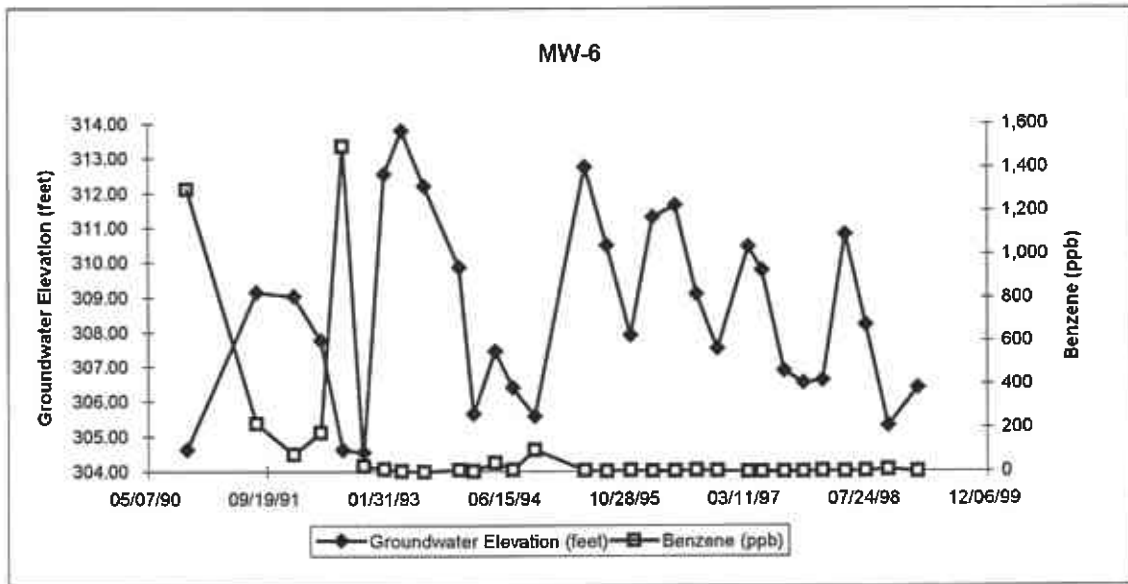
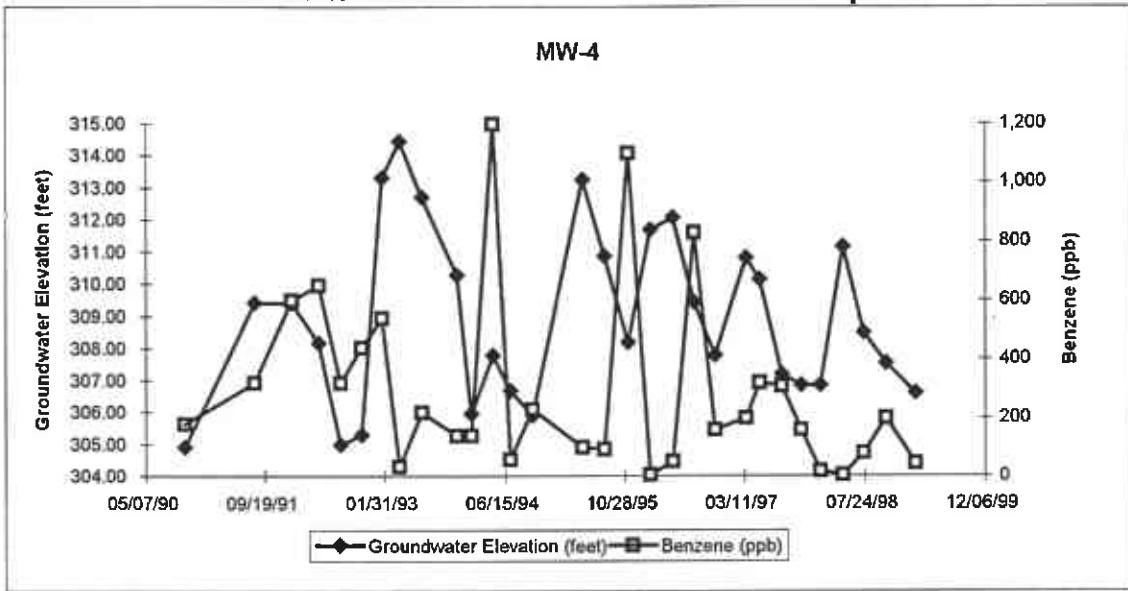


DISSOLVED-PHASE BENZENE CONCENTRATIONS
February 22, 1999
 Former Mobil Station 04-H6J
 1024 Main Street
 Pleasanton, California
FIGURE 3

EXHIBIT 4

BENZENE VERSUS GROUNDWATER ELEVATION GRAPHS

Benzene vs. Groundwater Elevation Graphs



NOTE: ND values are plotted as zero.

EXHIBIT 5

VAPOR EXTRACTION SYSTEM PERFORMANCE TABLE

Vapor Extraction System Monitoring
Former Mobil Station 04-H6J, Pleasanton

Date (m/d/yy)	Operation Time			INFLUENT						EFFLUENT					RECOVERY DATA			
	Hour Meter Reading (hours)	operating Time (hours)	Up-Time Per Period (%)	Total Flow Rate (cfm)	Vacuum Reading at Well Header (in. H2O)	Inlet Temp. (deg F)	Total Well TPH-G Conc. (ppmv)	Influent TPH-G Conc. Total Well + Air Stripper (ppmv)		Effluent TPH-G Conc. (ppmv)		Effluent Benzene Conc. (ppmv)	Mass Emission TPH-G (lbs/day)	Mass Emission Benzene (lbs/day)	Outlet Temp. (deg F)	HC Recovery Per Period (gallons)	Cumulative HC Recovery (gallons)	Destruction Efficiency TPH-G (%)
								Field	Lab	Field	Lab	Lab						
4/4/95	11	0	0%	175	57	600	10,480	10,480	11,000	0	<1.2	0.030	0.0809	0.0008	809	0.0	0	100.0
4/12/95	202	191	99%	324	96	601	5,100	5,100		0					850	985.8	985.8	
4/22/95	440	238	99%	314	96	599	2,400	2,400		0					764	356.0	1741.8	
4/26/95	535	95	99%	432	96	597	1,890	1,890	390	0	2.8	<0.016	0.4659	0.0020	710	201.8	1943.6	99.3
5/5/95	601	66	31%	452	95	601	1,800	750		0					885	102.3	2045.9	
5/12/95	768	167	99%	678	100	601	960	460	350	0	<2.3	<0.031	0.6006	0.0060	742	151.6	2197.5	99.3
5/19/95	936	168	100%	678	100	601	1,010	310		0					701	116.4	2313.9	
5/25/95	1080	144	100%	530	100	600	840	210		0					675	60.0	2374.0	
6/1/95	1248	168	100%	535	97	598	870	270		0					683	57.0	2431.0	
6/8/95	1415	167	99%	530	100	599	700	150	280	0	<1.2	<0.016	0.2450	0.0024	658	49.6	2480.6	99.6
6/16/95	1607	192	100%	545	100	600	400	190		0					648	46.6	2527.2	
6/23/95	1664	57	34%	540	98	601	520	180		0					647	15.2	2542.3	
6/28/95	1695	31	26%	545	94	600	820	350		0					641	11.8	2554.2	
7/7/95	1907	212	98%	545	90	601	320	140		0					635	75.2	2629.3	
7/13/95	2055	148	103%	432	88	606	300	150		0					611	27.8	2657.2	
7/18/95	2106	51	43%	471	74	599	650	230	320	0	2.1	0.044	0.3810	0.0059	648	11.6	2668.8	99.3
7/28/95	2300	194	81%	432	84	NA	430	200		0					NA	50.0	2718.8	
8/4/95	2303	3	2%	452	83	NA	690	270		0					NA	0.8	2719.6	
8/11/95	2406	103	31%	589	68	NA	430	250		0					NA	37.0	2756.6	
8/18/95	2440	34	20%	353	68	NA	480	240		0					NA	10.4	2767.1	
8/28/95	2494	54	23%	432	62	600	730	290	370	0	<2.6	<0.016	0.4326	0.0020	679	14.9	2782.0	99.3
9/1/95	2520	26	27%	441	69	629	190	300		0					678	8.9	2790.9	
9/6/95	2524	4	3%	545	78	600	660	420	280	0	<2.3	0.029	0.4828	0.0045	693	1.9	2792.8	99.2
9/14/95	2528	4	2%	354	54	600	670	410		0					657	2.0	2794.7	
9/22/95	2625	97	51%	265	130	600	3,450	380		0					755	31.5	2826.2	
9/29/95	2742	117	70%	334	115	600	3,200	360		0					679	34.4	2860.7	
10/5/95	2771	29	20%	334	115	600	3,100	330		0					682	8.9	2869.5	
10/12/95	2780	9	5%	324	100	600	2,310	300	320	0	<2.3	<0.016	0.2870	0.0015	712	2.5	2872.0	99.3
11/10/95	2798	18	3%	324	100	600	2,310	300		0					712	4.6	2876.7	
11/17/95	2839	41	24%	393	82	600	3,360	390	300	0	<2.3	<0.016	0.3482	0.0018	664	13.5	2890.1	99.2
11/20/95	2910	71	99%	700	88	600	2,100	140		0					601	27.3	2917.4	
11/27/95	3045	135	80%	700	88	587	830	100		0					603	30.1	2947.5	
12/4/95	3213	168	100%	545	86	602	2,200	260	230	0	<2.3	<0.016	0.4828	0.0025	643	50.0	2997.5	99.0
12/14/95	3383	170	71%	700	92	601	1,650	290		0					612	77.3	3074.8	
12/21/95	3551	168	100%	700	94	600	1,150	150		0					608	68.7	3143.5	
12/29/95	3656	105	55%	700	90	598	890	140		0					605	28.3	3171.8	
1/5/96	3826	170	101%	692	91	597	630	220		0					600	56.6	3228.4	
1/8/96	3897	71	99%	361	105	600	1,120	340	210	0	<2.3	<0.016	0.3198	0.0017	638	27.8	3256.2	98.9
1/18/96	4132	235	98%	393	107	600	950	280		0					643	72.9	3329.1	
2/2/96	4484	352	98%	353	105	600	720	220		0					630	87.2	3416.2	
2/7/96	4602	118	98%	353	105	599	560	120	130	0	<2.3	0.024	0.3127	0.0016	613	18.8	3435.0	98.2
2/12/96	4724	122	102%	353	105	600	630	160		0					602	16.0	3451.1	

Vapor Extraction System Monitoring
Former Mobil Station 04-H6J, Pleasanton

Date (m/d/yy)	Operation Time			INFLUENT						EFFLUENT					RECOVERY DATA			
	Hour Meter Reading (hours)	perating Time (hours)	Up-Time Per Period (%)	Total Flow Rate (cfm)	Vacuum Reading at Well Header (In. H2O)	Inlet Temp. (deg F)	Total Well TPH-G Conc. (ppmv)	Influent TPH-G Conc. Total Well + Air Stripper (ppmv)		Effluent TPH-G Conc. (ppmv)		Effluent Benzene Conc. (ppmv)	Mass Emission TPH-G (lbs/day)	Mass Emission Benzene (lbs/day)	Outlet Temp. (deg F)	HC Recovery Per Period (gallons)	Cummulative HC Recovery (gallons)	Destruction Efficiency TPH-G (%)
							Field	Lab	Field	Lab	Lab							
2/22/96	4965	241	100%	353	107	601	330	80		0					602	27.1	3478.2	
2/29/96	5136	171	102%	353	105	596	450	110		0					601	15.2	3493.4	
3/6/96	5281	145	101%	545	105	595	90	10	56	0	<2.3	<0.016	0.4828	0.0025	600	10.4	3503.8	95.9
3/22/96	5662	381	99%	545	105	590	70	30		0					602	11.0	3514.8	
4/8/96	5679	17	4%	545	90	577	190	90		0					600	1.5	3516.3	
5/2/96	5942	263	48%	160	96	600	140	30		0					607	14.8	3531.0	
5/14/96	6159	217	75%	272	95	581	130	60	180	0	18	0.038	0.2410	0.0012	602	5.6	3536.8	98.7
5/27/96	6430	271	87%	254	90	598	140	50		0					601	10.4	3547.1	
6/14/96	6508	78	18%	286	90	592	220	110	130	0	5.4	0.019	0.2534	0.0013	604	4.5	3551.5	98.2
6/25/96	6521	13	5%	282	90	601	170	130		0					605	1.2	3552.7	
7/8/96	6598	77	25%	147	90	599	140	110	166	0	<2.4	<0.016	0.1302	0.0007	601	5.3	3558.0	98.6
7/25/96	6604	6	1%	221	92	599	210	50		0					615	0.2	3558.2	
8/6/96	6607	3	1%	259	90	600	240	230		5					621	0.3	3558.5	
8/12/96	6613	6	4%	241	92	600	250	190	176	20	<2.4	<0.016	0.2135	0.0011	621	0.8	3559.3	98.7
8/27/96	6617	4	1%	260	88	599	230	220		0					616	0.5	3559.8	
12/6/96	6818	201	8%	331	60	639	350	100	83	0	<2.4	<0.016	0.2932	0.0015	651	25.2	3585.1	97.2
12/12/96	6906	88	61%	331	60	632	300	120		0					649	8.5	3593.6	
12/23/96	7176	270	102%	331	60	633	300	70		0					649	22.5	3616.1	
1/3/97	7321	145	55%	331	73	601	200	130		0					601	12.7	3628.9	
1/7/97	7420	99	103%	331	72	601	120	90		0					601	9.6	3638.5	
1/15/97	7611	191	99%	285	85	599	100	30	32	0	<2.4	<0.016	0.2525	0.0013	599	9.4	3647.8	92.8
1/24/97	7739	128	59%	299	80	598	110	10		0					598	2.0	3649.8	
2/7/97	7875	136	40%	285	90	600	100	30		0					600	2.1	3651.9	
2/19/97	8148	273	95%	273	85	600	130	30		0					600	6.1	3658.0	
3/4/97	8457	309	99%	273	85	602	130	30		0					602	6.7	3664.7	
3/12/97	8565	108	56%	273	85	600	130	30		0					600	2.3	3667.1	
5/2/97	8565	0	0%	299	87	600	180	40		0					602	0.0	3667.1	
5/7/97	8598	33	28%	299	87	600	150	30		0					604	0.9	3668.0	
5/14/97	8600	2	1%	299	85	600	180	40		0					600	0.1	3668.0	
7/29/97	8603	3	0%	282	88	601	890	250	190	0	100	1	0.2498	0.0013	602	0.3	3668.4	98.8
10/1/97	8603	0	0%	0	0	0	0	0		0					0	0.0	3668.4	
10/20/97	NA	24	5%	363	48	NA	600	470		0					NA	2.7	3671.1	100.0
10/21/97	NA	24	100%	358	52	NA	230	210		0					NA	7.8	3678.9	100.0
10/22/97	NA	24	100%	366	45	NA	250	240		0					NA	5.2	3684.1	100.0
10/23/97	NA	24	100%	367	46	NA	260	240		0					NA	5.6	3689.7	100.0
10/24/97	NA	24	100%	385	50	NA	220	170		0					NA	4.9	3694.6	100.0
10/31/97	NA	168	100%	369	48	NA	202	70		0					NA	20.2	3714.8	100.0
11/11/97	NA	264	100%	260	87	NA	620	270		0					NA	37.5	3752.3	100.0
11/26/97	NA	360	100%	207	100	NA	1,950	360		0					NA	70.3	3822.6	100.0
12/4/97	NA	216	113%	203	100	NA	1,180	230		0					NA	34.7	3857.3	100.0
12/11/97	NA	168	100%	200	100	NA	900	180		0					NA	18.4	3875.7	100.0
12/15/97	NA	96	100%	172	100	NA	850	150		0					NA	7.8	3883.5	100.0

Vapor Extraction System Monitoring
Former Mobil Station 04-H6J, Pleasanton

Date (m/d/yy)	Operation Time			INFLUENT						EFFLUENT						RECOVERY DATA		
	Hour Meter Reading (hours)	perating Time (hours)	Up-Time Per Period (%)	Total Flow Rate (cfm)	Vacuum Reading at Well Header (in. H2O)	Inlet Temp. (deg F)	Total Well TPH-G Conc. (ppmv)	Influent TPH-G Conc. (ppmv)		Effluent TPH-G Conc. (ppmv)		Effluent Benzene Conc. (ppmv) Lab	Mass Emission TPH-G (lbs/day)	Mass Emission Benzene (lbs/day)	Outlet Temp. (deg F)	HC Recovery Per Period (gallons)	Cumulative HC Recovery (gallons)	Destruction Efficiency TPH-G (%)
								Field	Lab	Field	Lab							
12/26/97	NA	264	100%	170	100	NA	850	170	0					NA	19.2	3902.7	100.0	
12/31/97	NA	120	100%	170	100	NA	840	190	0					NA	9.8	3912.4	100.0	
1/5/98	NA	120	100%	164	100	NA	1,125	270	0					NA	12.2	3924.7	100.0	
1/16/98	NA	264	100%	177	100	NA	700	160	0					NA	25.7	3950.4	100.0	
1/22/98	NA	144	100%	190	100	NA	610	120	0					NA	9.8	3960.2	100.0	
1/30/98	NA	192	100%	186	100	NA	530	110	0					NA	11.0	3971.2	100.0	
2/5/98	NA	144	100%	163	100	NA	300	80	0					NA	6.3	3977.6	100.0	
2/9/98	NA	96	100%	156	100	NA	150	50	0					NA	2.6	3980.2	100.0	
2/20/98	NA	264	100%	148	100	NA	10	10	0					NA	3.2	3983.4	100.0	
2/27/98	NA	168	100%	153	100	NA	60	10	0					NA	0.7	3984.1	100.0	
3/5/98	NA	144	100%	146	100	NA	150	60	0					NA	2.0	3986.1	100.0	
3/12/98	NA	168	100%	145	100	NA	50	0	0					NA	1.9	3988.0	100.0	
3/20/98	NA	192	100%	151	100	NA	100	10	0					NA	0.4	3988.4	100.0	
3/27/98	NA	168	100%	150	100	NA	120	10	0					NA	0.7	3989.1	100.0	
4/1/98	NA	120	100%	143	100	NA	130	20	0					NA	0.7	3989.8	100.0	
4/6/98	NA	120	100%	NA	100	NA	180	30	0					NA	0.6	3990.3	100.0	
4/16/98	NA	240	100%	155	100	NA	170	30	0					NA	1.5	3991.8	100.0	
4/22/98	NA	144	100%	154	100	NA	30	10	0					NA	1.2	3993.0	100.0	
4/30/98	NA	192	100%	149	100	NA	50	10	0					NA	0.8	3993.8	100.0	
5/29/98	NA	0	0%	NA	NA	NA	NA	20	0					NA	0.0	3993.8	100.0	
6/4/98	NA	0	0%	NA	NA	NA	50	30	0					NA	0.0	3993.8	100.0	
6/11/98	NA	168	100%	317	NA	NA	20	20	0					NA	1.8	3995.6	100.0	
6/18/98	NA	168	100%	227	NA	NA	130	20	0					NA	2.4	3998.0	100.0	
7/7/98	NA	0	0%	306	NA	NA	20	20	0					NA	0.0	3998.0	100.0	
7/13/98	NA	144	100%	225	NA	NA	50	50	0					NA	3.6	4001.5	100.0	
1/6/99	NA	0	0%	408	NA	NA	2,600	20	0					NA	0.0	4001.5	100.0	
1/12/99	NA	144	100%	395	NA	NA	700	20	0					NA	3.1	4004.6	100.0	
1/15/99	NA	72	100%	382	NA	NA	70	20	0					NA	1.5	4006.1	100.0	
1/22/99	NA	0	0%	384	NA	NA	150	20	0					NA	0.0	4006.1	100.0	
1/27/99	NA	120	100%	306	NA	NA	70	NA	0					NA	1.1	4007.2	100.0	
2/1/99	NA	0	0%	NA	NA	NA	80	NA	0					NA	0.0	4007.2	100.0	
2/4/99	NA	72	100%	317	NA	NA	60	20	0					NA	0.3	4007.5	100.0	
2/24/99	NA	0	0%	263	NA	NA	230	no H2O	0					NA	0.0	4007.5	100.0	
3/3/99	NA	168	100%	281	NA	NA	80	no H2O	0					NA	0.0	4007.5	100.0	

Total to Date = 14304 59% = Average % Operation

NOTES:

ppmv = parts per million volume
 cfm = cubic feet per minute
 HC Recovery Per Period = Hydrocarbons recovered based on weekly field data and an average hydrocarbon density of 6.26 lbs. per gallon
 HC Destruction Efficiency = Hydrocarbon destruction efficiency based on monthly lab data
 Total Well TPH-G Conc. = Concentration of total petroleum hydrocarbons as gasoline of soil vapor extracted from all open wells

Vapor Extraction System Monitoring
Former Mobil Station 04-H6J, Pleasanton

Date (m/d/yy)	Operation Time			INFLUENT						EFFLUENT					RECOVERY DATA			
	Hour Meter Reading (hours)	operating Time (hours)	Up-Time Per Period (%)	Total Flow Rate (cfm)	Vacuum Reading at Well Header (in. H ₂ O)	Inlet Temp. (deg F)	Total Well TPH-G Conc. (ppmv)	Influent TPH-G Conc. Total Well + Air Stripper (ppmv)		Effluent TPH-G Conc. (ppmv)		Mass Emission TPH-G (lbs/day)	Mass Emission Benzene (lbs/day)	Outlet Temp. (deg F)	HC Recovery Per Period (gallons)	Cumulative HC Recovery (gallons)	Destruction Efficiency TPH-G (%)	
								Field	Lab	Field	Lab							Lab
4/4/95	11	0	0%	175	57	600	10,480	10,480	11,000	0	<1.2	0.030	0.0809	0.0008	809	0.0	0	100.0
4/12/95	202	191	99%	324	96	601	5,100	5,100		0					850	985.8	985.8	
4/22/95	440	238	99%	314	96	599	2,400	2,400		0					764	756.0	1741.8	
4/26/95	535	95	99%	432	96	597	1,890	1,890	390	0	2.8	<0.016	0.4659	0.0020	710	201.8	1943.6	99.3
5/5/95	601	66	31%	452	95	601	1,800	750		0					885	102.3	2045.9	
5/12/95	768	167	99%	678	100	601	960	460	350	0	<2.3	<0.031	0.6006	0.0060	742	151.6	2197.5	99.3
5/19/95	936	168	100%	678	100	601	1,010	310		0					701	116.4	2313.9	
5/25/95	1080	144	100%	530	100	600	840	210		0					675	60.0	2374.0	
6/1/95	1248	168	100%	535	97	598	870	270		0					683	57.0	2431.0	
6/8/95	1415	167	99%	530	100	599	700	150	280	0	<1.2	<0.016	0.2450	0.0024	658	49.6	2480.6	99.6
6/16/95	1607	192	100%	545	100	600	400	190		0					648	46.6	2527.2	
6/23/95	1664	57	34%	540	98	601	520	180		0					647	15.2	2542.3	
6/28/95	1695	31	26%	545	94	600	820	350		0					641	11.8	2554.2	
7/7/95	1907	212	98%	545	90	601	320	140		0					635	75.2	2629.3	
7/13/95	2055	148	103%	432	88	606	300	150		0					611	27.8	2657.2	
7/18/95	2106	51	43%	471	74	599	650	230	320	0	2.1	0.044	0.3810	0.0059	648	11.6	2668.8	99.3
7/28/95	2300	194	81%	432	84	NA	430	200		0					NA	50.0	2718.8	
8/4/95	2303	3	2%	452	83	NA	690	270		0					NA	0.8	2719.6	
8/11/95	2406	103	31%	589	68	NA	430	250		0					NA	37.0	2756.6	
8/18/95	2440	34	20%	353	66	NA	480	240		0					NA	10.4	2767.1	
8/28/95	2494	54	23%	432	62	600	730	290	370	0	<2.6	<0.016	0.4326	0.0020	679	14.9	2782.0	99.3
9/1/95	2520	26	27%	441	69	629	190	300		0					678	8.9	2790.9	
9/6/95	2524	4	3%	545	78	600	660	420	280	0	<2.3	0.029	0.4828	0.0045	693	1.9	2792.8	99.2
9/14/95	2528	4	2%	354	54	600	670	410		0					657	2.0	2794.7	
9/22/95	2625	97	51%	265	130	600	3,450	380		0					755	31.5	2826.2	
9/29/95	2742	117	70%	334	115	600	3,200	360		0					679	34.4	2860.7	
10/5/95	2771	29	20%	334	115	600	3,100	330		0					682	8.9	2869.5	
10/12/95	2780	9	5%	324	100	600	2,310	300	320	0	<2.3	<0.016	0.2870	0.0015	712	2.5	2872.0	99.3
11/10/95	2798	18	3%	324	100	600	2,310	300		0					712	4.6	2876.7	
11/17/95	2839	41	24%	393	82	600	3,360	390	300	0	<2.3	<0.016	0.3482	0.0018	664	13.5	2890.1	99.2
11/20/95	2910	71	99%	700	88	600	2,100	140		0					601	27.3	2917.4	
11/27/95	3045	135	80%	700	88	587	830	100		0					603	30.1	2947.5	
12/4/95	3213	168	100%	545	86	602	2,200	260	230	0	<2.3	<0.016	0.4828	0.0025	643	50.0	2997.5	99.0
12/14/95	3383	170	71%	700	92	601	1,650	290		0					612	77.3	3074.8	
12/21/95	3551	168	100%	700	94	600	1,150	150		0					608	66.7	3143.5	
12/29/95	3656	105	55%	700	90	598	890	140		0					605	28.3	3171.8	
1/5/96	3826	170	101%	692	91	597	630	220		0					600	56.6	3228.4	
1/8/96	3897	71	99%	361	105	600	1,120	340	210	0	<2.3	<0.016	0.3198	0.0017	638	27.8	3256.2	98.9
1/18/96	4132	235	98%	393	107	800	950	280		0					643	72.9	3329.1	
2/2/96	4484	352	98%	353	105	600	720	220		0					630	87.2	3416.2	
2/7/96	4602	118	98%	353	105	599	560	120	130	0	<2.3	0.024	0.3127	0.0016	613	18.8	3435.0	98.2
2/12/96	4724	122	102%	353	105	600	630	160		0					602	16.0	3451.1	

Vapor Extraction System Monitoring
Former Mobil Station 04-H6J, Pleasanton

Date (m/d/yy)	Operation Time			INFLUENT						EFFLUENT					RECOVERY DATA			
	Hour Meter Reading (hours)	operating Time (hours)	Up-Time Per Period (%)	Total Flow Rate (cfm)	Vacuum Reading at Well Header (in. H2O)	Inlet Temp. (deg F)	Total Well TPH-G Conc. (ppmv)	Influent TPH-G Conc. Total Well + Air Stripper (ppmv)		Effluent TPH-G Conc. (ppmv)		Effluent Benzene Conc. (ppmv)	Mass Emission TPH-G (lbs/day)	Mass Emission Benzene (lbs/day)	Outlet Temp. (deg F)	HC Recovery Per Period (gallons)	Cummulative HC Recovery (gallons)	Destruction Efficiency TPH-G (%)
								Field	Lab	Field	Lab	Lab						
2/22/96	4965	241	100%	353	107	601	330	80		0					602	27.1	3478.2	
2/29/96	5136	171	102%	353	105	596	450	110		0					601	15.2	3493.4	
3/6/96	5281	145	101%	545	105	595	90	10	56	0	<2.3	<0.016	0.4828	0.0025	600	10.4	3503.8	95.9
3/22/96	5682	381	99%	545	105	590	70	30		0					602	11.0	3514.8	
4/8/96	5679	17	4%	545	90	577	190	90		0					600	1.5	3516.3	
5/2/96	5942	263	46%	160	96	600	140	30		0					607	14.8	3531.0	
5/14/96	6159	217	75%	272	95	581	130	60	180	0	18	0.038	0.2410	0.0012	602	5.6	3536.6	98.7
5/27/96	6430	271	87%	254	90	598	140	50		0					601	10.4	3547.1	
6/14/96	6508	78	18%	286	90	592	220	110	130	0	5.4	0.019	0.2534	0.0013	604	4.5	3551.5	98.2
6/25/96	6521	13	5%	282	90	601	170	130		0					605	1.2	3552.7	
7/8/96	6598	77	25%	147	90	599	140	110	166	0	<2.4	<0.016	0.1302	0.0007	601	5.3	3558.0	98.6
7/25/96	6604	6	1%	221	92	599	210	50		0					615	0.2	3558.2	
8/6/96	6607	3	1%	259	90	600	240	230		5					621	0.3	3558.5	
8/12/96	6613	6	4%	241	92	600	250	190	176	20	<2.4	<0.016	0.2135	0.0011	621	0.8	3559.3	98.7
8/27/96	6617	4	1%	260	88	599	230	220		0					616	0.5	3559.8	
12/6/96	6818	201	8%	331	60	639	350	100	83	0	<2.4	<0.016	0.2932	0.0015	651	25.2	3585.1	97.2
12/12/96	6906	88	61%	331	60	632	300	120		0					649	8.5	3593.6	
12/23/96	7176	270	102%	331	60	633	300	70		0					649	22.5	3616.1	
1/3/97	7321	145	55%	331	73	601	200	130		0					601	12.7	3628.9	
1/7/97	7420	99	103%	331	72	601	120	90		0					601	9.6	3638.5	
1/15/97	7611	191	99%	285	85	599	100	30	32	0	<2.4	<0.016	0.2525	0.0013	599	9.4	3647.8	92.8
1/24/97	7739	128	59%	299	80	598	110	10		0					598	2.0	3649.8	
2/7/97	7875	136	40%	285	90	600	100	30		0					600	2.1	3651.9	
2/19/97	8148	273	95%	273	85	600	130	30		0					600	6.1	3658.0	
3/4/97	8457	309	99%	273	85	602	130	30		0					602	6.7	3664.7	
3/12/97	8565	108	56%	273	85	600	130	30		0					600	2.3	3667.1	
5/2/97	8565	0	0%	299	87	600	180	40		0					602	0.0	3667.1	
5/7/97	8598	33	28%	299	87	600	150	30		0					604	0.9	3668.0	
5/14/97	8600	2	1%	299	85	600	180	40		0					600	0.1	3668.0	
7/29/97	8603	3	0%	282	88	601	890	250	190	0	100	1	0.2498	0.0013	602	0.3	3668.4	98.8
10/1/97	8603	0	0%	0	0	0	0	0		0					0	0.0	3668.4	
10/20/97	NA	24	5%	363	48	NA	600	470		0					NA	2.7	3671.1	100.0
10/21/97	NA	24	100%	358	52	NA	230	210		0					NA	7.8	3678.9	100.0
10/22/97	NA	24	100%	366	45	NA	250	240		0					NA	5.2	3684.1	100.0
10/23/97	NA	24	100%	367	46	NA	260	240		0					NA	5.6	3689.7	100.0
10/24/97	NA	24	100%	385	50	NA	220	170		0					NA	4.9	3694.6	100.0
10/31/97	NA	168	100%	369	48	NA	202	70		0					NA	20.2	3714.8	100.0
11/11/97	NA	264	100%	260	87	NA	620	270		0					NA	37.5	3752.3	100.0
11/26/97	NA	360	100%	207	100	NA	1,950	360		0					NA	70.3	3822.6	100.0
12/4/97	NA	216	113%	203	100	NA	1,180	230		0					NA	34.7	3857.3	100.0
12/11/97	NA	168	100%	200	100	NA	900	180		0					NA	18.4	3875.7	100.0
12/15/97	NA	96	100%	172	100	NA	850	150		0					NA	7.8	3883.5	100.0

Vapor Extraction System Monitoring
Former Mobil Station 04-H6J, Pleasanton

Date (m/d/yy)	Operation Time			INFLUENT						EFFLUENT					RECOVERY DATA			
	Hour Meter Reading (hours)	perating Time (hours)	Up-Time Per Period (%)	Total Flow Rate (cfm)	Vacuum Reading at Well Header (in. H2O)	Inlet Temp. (deg F)	Total Well TPH-G Conc. (ppmv)	Influent TPH-G Conc. Total Well + Air Stripper (ppmv)		Effluent TPH-G Conc. (ppmv)		Effluent Benzene Conc (ppmv) Lab	Mass Emission TPH-G (lbs/day)	Mass Emission Benzene (lbs/day)	Outlet Temp. (deg F)	HC Recovery Per Period (gallons)	Cumulative HC Recovery (gallons)	Destruction Efficiency TPH-G (%)
								Field	Lab	Field	Lab							
12/26/97	NA	264	100%	170	100	NA	850	170		0				NA	19.2	3902.7	100.0	
12/31/97	NA	120	100%	170	100	NA	840	190		0				NA	9.8	3912.4	100.0	
1/5/98	NA	120	100%	164	100	NA	1,125	270		0				NA	12.2	3924.7	100.0	
1/16/98	NA	264	100%	177	100	NA	700	160		0				NA	25.7	3950.4	100.0	
1/22/98	NA	144	100%	190	100	NA	610	120		0				NA	9.8	3960.2	100.0	
1/30/98	NA	192	100%	186	100	NA	530	110		0				NA	11.0	3971.2	100.0	
2/5/98	NA	144	100%	163	100	NA	300	80		0				NA	6.3	3977.6	100.0	
2/9/98	NA	96	100%	156	100	NA	150	50		0				NA	2.6	3980.2	100.0	
2/20/98	NA	264	100%	148	100	NA	10	10		0				NA	3.2	3983.4	100.0	
2/27/98	NA	168	100%	153	100	NA	60	10		0				NA	0.7	3984.1	100.0	
3/5/98	NA	144	100%	146	100	NA	150	60		0				NA	2.0	3986.1	100.0	
3/12/98	NA	168	100%	145	100	NA	50	0		0				NA	1.9	3988.0	100.0	
3/20/98	NA	192	100%	151	100	NA	100	10		0				NA	0.4	3988.4	100.0	
3/27/98	NA	168	100%	150	100	NA	120	10		0				NA	0.7	3989.1	100.0	
4/1/98	NA	120	100%	143	100	NA	130	20		0				NA	0.7	3989.8	100.0	
4/6/98	NA	120	100%	NA	100	NA	180	30		0				NA	0.6	3990.3	100.0	
4/16/98	NA	240	100%	155	100	NA	170	30		0				NA	1.5	3991.8	100.0	
4/22/98	NA	144	100%	154	100	NA	30	10		0				NA	1.2	3993.0	100.0	
4/30/98	NA	192	100%	149	100	NA	50	10		0				NA	0.8	3993.8	100.0	
5/29/98	NA	0	0%	NA	NA	NA	NA	20		0				NA	0.0	3993.8	100.0	
6/4/98	NA	0	0%	NA	NA	NA	50	30		0				NA	0.0	3993.8	100.0	
6/11/98	NA	168	100%	317	NA	NA	20	20		0				NA	1.8	3995.6	100.0	
6/18/98	NA	168	100%	227	NA	NA	130	20		0				NA	2.4	3998.0	100.0	
7/7/98	NA	0	0%	306	NA	NA	20	20		0				NA	0.0	3998.0	100.0	
7/13/98	NA	144	100%	225	NA	NA	50	50		0				NA	3.6	4001.5	100.0	
1/6/99	NA	0	0%	408	NA	NA	2,600	20		0				NA	0.0	4001.5	100.0	
1/12/99	NA	144	100%	395	NA	NA	700	20		0				NA	3.1	4004.6	100.0	
1/15/99	NA	72	100%	382	NA	NA	70	20		0				NA	1.5	4005.1	100.0	
1/22/99	NA	0	0%	384	NA	NA	150	20		0				NA	0.0	4005.1	100.0	
1/27/99	NA	120	100%	306	NA	NA	70	NA		0				NA	1.1	4007.2	100.0	
2/1/99	NA	0	0%	NA	NA	NA	80	NA		0				NA	0.0	4007.2	100.0	
2/4/99	NA	72	100%	317	NA	NA	60	20		0				NA	0.3	4007.5	100.0	
2/24/99	NA	0	0%	263	NA	NA	230	no H2O		0				NA	0.0	4007.5	100.0	
3/3/99	NA	168	100%	281	NA	NA	80	no H2O		0				NA	0.0	4007.5	100.0	

Total to Date = 14304 59% = Average % Operation

NOTES:

ppmv = parts per million volume
 cfm = cubic feet per minute
 HC Recovery Per Period = Hydrocarbons recovered based on weekly field data and an average hydrocarbon density of 6.26 lbs. per gallon
 HC Destruction Efficiency = Hydrocarbon destruction efficiency based on monthly lab data
 Total Well TPH-G Conc. = Concentration of total petroleum hydrocarbons as gasoline of soil vapor extracted from all open wells

EXHIBIT 6

GROUNDWATER REMEDIATION PERFORMANCE TABLE

Table 1
Summary of Results of Groundwater Treatment System Monitoring
Former Mobil Station 04-H6J

Sample ID	Date of Sampling	Flow Meter Reading (gallons)	Effluent Discharge (gallons)	Average Flow Rate (gpd)	Total Discharged (gallons)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)
I-1	04/27/95	640	0	0	0	240	840	44	54	8.0	39
I-1	05/05/95	55,200	54,560	6,820	54,560	--	--	--	--	--	--
I-1	05/12/95	197,540	142,340	20,334	196,900	6,500	790	400	860	92	660
I-1	05/25/95	328,980	131,440	10,111	328,340	--	--	--	--	--	--
I-1	06/01/95	331,090	2,110	301	330,450	--	--	--	--	--	--
I-1	06/08/95	460,730	129,640	18,520	460,090	780	130	82	130	15	140
I-1	06/16/95	590,300	129,570	16,196	589,660	--	--	--	--	--	--
I-1	06/23/95	626,890	36,590	5,227	626,250	--	--	--	--	--	--
I-1	06/28/95	646,240	19,350	3,870	645,600	--	--	--	--	--	--
I-1	07/07/95	646,930	690	77	646,290	--	--	--	--	--	--
I-1	07/13/95	677,120	30,190	5,032	676,480	3,400	1,100	190	370	45	300
I-1	07/18/95	711,770	34,850	6,930	711,130	--	--	--	--	--	--
I-1	07/28/95	831,040	119,270	11,927	830,400	--	--	--	--	--	--
I-1	08/04/95	831,940	900	129	831,300	--	--	--	--	--	--
I-1	08/11/95	897,280	65,340	9,334	896,640	--	--	--	--	--	--
I-1	08/17/95	918,610	21,330	3,555	917,970	--	--	--	--	--	--
I-1	08/28/95	964,370	45,760	4,160	963,730	7,900	2,100	940	1,100	120	1,200
I-1	09/01/95	969,900	5,530	1,383	969,260	--	--	--	--	--	--
I-1	09/07/95	972,180	2,280	380	971,540	5,800	1,300	540	750	51	760
I-1	09/14/95	975,490	3,310	473	974,850	--	--	--	--	--	--
I-1	09/22/95	1,038,540	63,050	7,881	1,037,900	--	--	--	--	--	--
I-1	09/29/95	1,114,830	76,290	10,899	1,114,190	--	--	--	--	--	--
I-1	10/05/95	1,133,030	18,200	3,033	1,132,390	--	--	--	--	--	--
I-1	10/12/95	1,139,200	6,170	861	1,138,560	2,700	690	280	470	45	270
I-1	10/23/95	1,169,390	30,190	2,745	1,168,750	--	--	--	--	--	--
I-1	11/10/95	1,169,390	0	0	1,168,750	--	--	--	--	--	--
I-1	11/17/95	1,171,890	2,500	357	1,171,250	4,900	1,200	450	880	55	500
I-1	11/20/95	1,221,950	50,060	16,887	1,221,310	--	--	--	--	--	--
I-1	11/27/95	1,295,450	73,500	10,500	1,294,810	--	--	--	--	--	--
I-1	12/04/95	1,400,780	105,330	15,047	1,400,140	2,300	380	290	510	27	230
I-1	12/14/95	1,501,930	101,150	10,115	1,501,290	--	--	--	--	--	--
I-1	12/21/95	1,608,890	106,960	15,280	1,608,250	--	--	--	--	--	--
I-1	12/29/95	1,632,530	23,640	2,955	1,631,890	--	--	--	--	--	--
I-1	01/05/96	1,690,780	58,250	8,321	1,690,140	--	--	--	--	--	--
I-1	01/08/96	1,735,880	45,100	15,033	1,735,240	3,000	520	250	600	46	440
I-1	01/18/96	1,865,520	129,640	12,964	1,864,880	--	--	--	--	--	--
I-1	01/25/96	1,886,830	21,310	3,044	1,886,190	--	--	--	--	--	--
I-1	02/02/96	2,014,240	127,410	15,926	2,013,600	--	--	--	--	--	--
I-1	02/07/96	2,027,770	13,530	2,706	2,027,130	1,800	860	38	75	9.6	110
I-1	02/12/96	2,027,950	180	36	2,027,310	--	--	--	--	--	--
I-1	02/22/96	10	0	0	2,027,310	--	--	--	--	--	--
I-1	02/29/96	14,090	14,080	2,011	2,041,390	--	--	--	--	--	--
I-1	03/06/96	23,260	9,170	1,528	2,050,560	25,000	3,400	5,400	5,400	360	3,500
I-1	03/14/96	34,660	11,400	1,425	2,061,960	--	--	--	--	--	--
I-1	03/22/96	46,300	11,640	1,455	2,073,800	--	--	--	--	--	--
I-1	04/08/96	54,120	7,820	460	2,081,420	10,000	2,000	690	1,500	120	930

Table 1
Summary of Results of Groundwater Treatment System Monitoring
Former Mobil Station 04-H6J

Sample ID	Date of Sampling	Flow Meter Reading (gallons)	Effluent Discharge (gallons)	Average Flow Rate (gpd)	Total Discharged (gallons)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)
I-1	05/02/96	54,840	720	30	2,082,140	--	--	--	--	--	--
I-1	05/14/96	139,900	85,060	7,088	2,167,200	4,400	840	330	820	53	580
I-1	05/28/96	251,390	111,490	7,964	2,278,690	--	--	--	--	--	--
I-1	06/14/96	264,690	13,300	782	2,291,990	1,200	330	170	16	51	120
I-1	07/08/96	295,770	31,080	1,295	2,323,070	150	65	3.7	4.4	0.60	6.7
I-1	07/25/96	298,890	3,120	184	2,328,190	--	--	--	--	--	--
I-1	08/08/96	300,120	1,230	88	2,327,420	--	--	--	--	--	--
I-1	08/12/96	302,120	2,000	500	2,329,420	890	190	110	190	14	120
I-1	08/27/96	303,730	1,610	107	2,331,030	--	--	--	--	--	--
I-1	09/13/96	311,780	8,050	474	2,339,080	--	--	--	--	--	--
I-1	10/04/96	311,780	0	0	2,339,080	--	--	--	--	--	--
I-1	11/08/96	311,780	0	0	2,339,080	--	--	--	--	--	--
I-1	12/02/96	311,780	0	0	2,339,080	--	--	--	--	--	--
I-1	12/06/96	337,540	25,760	6,440	2,364,840	630	160	48	120	8.9	69
I-1	01/07/97	512,070	174,530	5,454	2,539,370	2,800	310	210	540	35	330
I-1	01/15/97	553,950	41,880	5,235	2,581,250	--	--	--	--	--	--
I-1	01/24/97	594,490	40,540	4,504	2,621,790	--	--	--	--	--	--
I-1	02/07/97	626,600	32,110	2,294	2,653,900	5,300	720	460	1,300	440	640
I-1	02/19/97	687,340	60,740	5,082	2,714,640	--	--	--	--	--	--
I-1	03/04/97	695,030	7,690	592	2,722,330	--	--	--	--	--	--
I-1	03/12/97	705,530	10,500	1,313	2,732,830	3,700	740	380	1,000	61	560
I-1	04/01/97	705,530	0	0	2,732,830	--	--	--	--	--	--
I-1	05/02/97	705,530	0	0	2,732,830	--	--	--	--	--	--
I-1	05/07/97	707,770	2,240	448	2,735,070	--	--	--	--	--	--
I-1	05/14/97	708,080	310	44	2,735,380	--	--	--	--	--	--
I-1	07/29/97	708,860	780	10	2,736,160	2,100	170	240	440	21	240
I-1	10/01/97	708,860	0	0	2,736,160	--	--	--	--	--	--
I-1	10/20/97	708,860	0	0	2,736,160	3,400	11,000	470	840	42	390
I-1	10/31/97	783,000	74,140	6,740	2,810,300	--	--	--	--	--	--
I-1	11/05/97	817,960	34,960	6,992	2,845,260	--	--	--	--	--	--
I-1	11/11/97	854,790	36,830	6,138	2,882,090	920	320	34	97	12	150
I-1	11/21/97	917,210	62,420	6,242	2,944,510	--	--	--	--	--	--
I-1	11/25/97	944,770	27,560	6,890	2,972,070	--	--	--	--	--	--
I-1	12/04/97	989,710	44,940	4,993	3,017,010	--	--	--	--	--	--
I-1	12/11/97	1,023,840	33,930	4,847	3,050,940	ND	ND	ND	ND	ND	ND
I-1	12/15/97	1,042,420	18,780	4,695	3,069,720	--	--	--	--	--	--
I-1	12/31/97	1,106,010	63,590	3,974	3,133,310	--	--	--	--	--	--
I-1	01/06/98	1,127,130	21,120	3,520	3,154,430	1,000	630	24	58	5.2	170
I-1	01/16/98	1,171,800	44,870	4,467	3,199,100	--	--	--	--	--	--
I-1	01/22/98	1,195,970	24,170	4,028	3,223,270	--	--	--	--	--	--
I-1	01/30/98	1,229,990	34,020	4,253	3,257,290	--	--	--	--	--	--
I-1	02/05/98	1,253,850	23,860	3,977	3,281,150	570	340	19	54	5.4	95
I-1	02/09/98	1,273,640	19,790	4,948	3,300,940	--	--	--	--	--	--
I-1	02/20/98	1,326,030	52,390	4,763	3,353,330	--	--	--	--	--	--
I-1	02/27/98	1,365,130	39,100	5,586	3,392,430	--	--	--	--	--	--
I-1	03/05/98	1,394,470	29,340	4,890	3,421,770	--	--	--	--	--	--

Table 1
Summary of Results of Groundwater Treatment System Monitoring
Former Mobil Station 04-H6J

Sample ID	Date of Sampling	Flow Meter Reading (gallons)	Effluent Discharge (gallons)	Average Flow Rate (gpd)	Total Discharged (gallons)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)
I-1	03/12/98	1,429,330	34,860	4,980	3,456,830	1,900	920	96	220	16	280
I-1	03/20/98	1,468,420	39,090	4,886	3,495,720	--	--	--	--	--	--
I-1	03/27/98	1,499,700	31,280	4,469	3,527,000	--	--	--	--	--	--
I-1	04/01/98	1,522,760	23,060	4,612	3,550,060	910	550	47	94	5.8	180
I-1	04/06/98	1,522,980	220	44	3,550,280	--	--	--	--	--	--
I-1	04/16/98	1,566,740	43,760	4,376	3,594,040	--	--	--	--	--	--
I-1	04/22/98	1,593,240	26,500	4,417	3,620,540	--	--	--	--	--	--
I-1	04/29/98	1,624,180	30,940	4,420	3,651,480	--	--	--	--	--	--
I-1	05/11/98	1,668,000	43,820	3,652	3,695,300	--	--	--	--	--	--
I-1	05/19/98	1,694,840	26,940	3,368	3,722,240	240	ND	19	38	3.2	43
I-1	05/29/98	1,732,330	37,390	3,739	3,759,630	--	--	--	--	--	--
I-1	06/11/98	1,785,020	52,690	4,053	3,812,320	570	ND	22	57	4.8	91
I-1	06/18/98	1,816,620	31,600	4,514	3,843,920	--	--	--	--	--	--
I-1	07/07/98	1,816,690	70	4	3,843,990	--	--	--	--	--	--
I-1	07/13/98	1,818,690	2,000	333	3,845,990	9,200	6,600	310	230	8	1,600
I-1	08/02/98	1,818,690	0	0	3,845,990	--	--	--	--	--	--
I-1	08/30/98	1,818,690	0	0	3,845,990	--	--	--	--	--	--
I-1	09/30/98	1,818,690	0	0	3,845,990	--	--	--	--	--	--
I-1	10/31/98	1,818,690	0	0	3,845,990	--	--	--	--	--	--
I-1	11/30/98	1,818,690	0	0	3,845,990	--	--	--	--	--	--
I-1	12/30/98	1,818,690	0	0	3,845,990	--	--	--	--	--	--
I-1	01/06/99	1,818,690	0	0	3,845,990	--	--	--	--	--	--
I-1	01/12/99	1,819,320	630	105	3,846,620	--	--	--	--	--	--
I-1	01/22/99	1,819,380	60	6	3,846,680	--	--	--	--	--	--
I-1	01/27/99	1,819,380	0	0	3,846,680	3,400	4,500	58	72	12	310
I-1	02/01/99	1,820,180	800	80	3,847,480	--	--	--	--	--	--
I-1	02/04/99	1,820,670	1,290	161	3,847,970	--	--	--	--	--	--
I-1	02/25/99	1,820,670	490	20	3,848,460	15,000	7,300	1,300	52	2,900	2,900
I-1	03/03/99	1,821,820	1,150	43	3,849,610	14,000	7,400	490	780	30	2,400
E-1	04/27/95	--	--	--	--	ND	87	ND	ND	ND	ND
E-1	05/12/95	--	--	--	--	670	180	3.4	5.8	ND	9.8
E-1	06/08/95	--	--	--	--	ND	ND	0.87	0.92	ND	1.4
E-1	07/13/95	--	--	--	--	ND	110	ND	ND	ND	ND
E-1	08/28/95	--	--	--	--	140	220	2.6	4.4	0.98	6.2
E-1	09/07/95	--	--	--	--	200	290	5.8	6.9	0.77	93
E-1	10/12/95	--	--	--	--	ND	120	ND	ND	ND	ND
E-1	11/17/95	--	--	--	--	93	230	0.73	1.3	ND	1.4
E-1	12/04/95	--	--	--	--	ND	120	ND	ND	ND	ND
E-1	01/08/96	--	--	--	--	110	76	52	11	0.74	9.4
E-1	02/07/96	--	--	--	--	840	470	4.2	7.7	2.1	16
E-1	03/06/96	--	--	--	--	140	420	1.1	0.94	ND	0.59
E-1	04/08/96	--	--	--	--	340	190	11	7.1	3.5	21
E-1	05/14/96	--	--	--	--	630	330	13	31	3.8	29
E-1	06/14/96	--	--	--	--	ND	79	ND	ND	ND	ND
E-1	07/08/96	--	--	--	--	ND	ND	0.71	ND	ND	ND

Table 1
Summary of Results of Groundwater Treatment System Monitoring
Former Mobil Station 04-H6J

Sample ID	Date of Sampling	Flow Meter Reading (gallons)	Effluent Discharge (gallons)	Average Flow Rate (gpd)	Total Discharged (gallons)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)
E-1	08/12/96	--	--	--	--	73	72	1.7	3.0	ND	27
E-1	12/06/96	--	--	--	--	ND	ND	ND	1.4	ND	0.57
E-1	01/07/97	--	--	--	--	ND	ND	1.4	2.7	ND	2.3
E-1	02/07/97	--	--	--	--	85	80	ND	1.3	ND	0.57
E-1	03/12/97	--	--	--	--	100	170	3.3	5.5	0.63	4.4
E-1	07/29/97	--	--	--	--	160	160	13	28	2.8	15
E-1	10/20/97	--	--	--	--	87	860	0.80	2.6	0.73	3.0
E-1	11/11/97	--	--	--	--	ND	130	ND	ND	ND	ND
E-1	12/11/97	--	--	--	--	ND	ND	ND	ND	ND	ND
E-1	01/08/98	--	--	--	--	ND	270	ND	0.8	ND	2.2
E-1	02/05/98	--	--	--	--	ND	300	0.3	1.0	ND	2.5
E-1	03/12/98	--	--	--	--	ND	390	0.4	0.9	ND	2.0
E-1	04/01/98	--	--	--	--	ND	330	0.6	1.4	ND	2.9
E-1	05/19/98	--	--	--	--	ND	ND	ND	ND	ND	ND
E-1	08/11/98	--	--	--	--	ND	ND	ND	ND	ND	ND
E-1	07/13/98	--	--	--	--	410	3,600	3.1	3.1	1	25.0
E-1	08/02/98	--	--	--	--	--	--	--	--	--	--
E-1	08/30/98	--	--	--	--	--	--	--	--	--	--
E-1	09/30/98	--	--	--	--	--	--	--	--	--	--
E-1	10/31/98	--	--	--	--	--	--	--	--	--	--
E-1	11/30/98	--	--	--	--	--	--	--	--	--	--
E-1	12/30/98	--	--	--	--	--	--	--	--	--	--
E-1	01/27/99	--	--	--	--	ND	2,000	ND	0.3	ND	ND
E-1	02/04/99	--	--	--	--	--	2,100	--	--	--	--
E-1	02/25/99	--	--	--	--	ND	--	ND	0.6	0	0.8
E-1	03/03/99	--	--	--	--	110	4,000	0.8	ND	1	6.4

Total Effluent Discharged to Date: **3,850,410** gallons

NOTES:

ppb = parts per billion

TPH-G = total petroleum hydrocarbons as gasoline

ND = not detected at or above method detection limit

-- = not measured/not analyzed

gpd = gallons per day

I-1 = influent

E-1 = effluent from air stripper

TPH-D = total petroleum hydrocarbons as diesel

* = new flow meter installed 02/22/96

EXHIBIT 5

WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL

WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL

FLUID-LEVEL MONITORING

Fluid-levels are monitored in the wells using an electronic interface probe with conductance sensors. The presence of liquid-phase hydrocarbons is verified using a hydrocarbon-reactive paste. The depth to liquid-phase hydrocarbons and water is measured to the nearest 0.01 foot relative to the well box top or top of casing. Well box or casing elevations are surveyed to within 0.02 foot relative to a county or city bench mark.

GROUNDWATER SAMPLING

Currently, 'pre-purge' and 'non-purge' methods of sampling both comply with regulatory standards.

NON-PURGE METHOD:

Alton Geoscience utilizes the 'non-purge' method of sampling for all qualifying groundwater monitoring wells. Groundwater samples are collected by lowering a 1.5-inch-diameter, bottom-fill, disposable polyethylene bailer just below the static water level in the well. The samples are carefully transferred from the check-valve-equipped bailer to 1-liter and 40-milliliter glass containers. The sample containers are filled to zero headspace and fitted with Teflon-sealed caps. Each sample is labeled with the project number, well number, sample date, and sampler's initials. Samples remain chilled at approximately 4°C prior to analysis by a state-certified laboratory.

The following criteria necessary for a well to qualify for 'non-purge' sampling are taken from a letter issued by San Francisco Bay Regional Water Quality Control Board on January 31, 1997:

1. The non-purging approach shall be used only for monitoring wells where groundwater has been impacted by petroleum hydrocarbons, BTEX, and MTBE.
2. Non-purge sampling shall be utilized for unconfined aquifers only.
3. The monitoring well shall be properly permitted, constructed (in this case, screened across the water table), and developed.
4. The well is presently in use for groundwater or soil vapor extraction.
5. The well does not contain free product.

6. For new wells or wells brought into monitoring for the first time, the first round of groundwater sampling performed at a site shall be with both non-purged and purged samples. The purging and sampling method used shall be documented. This shall include the rate of purge and sampling details. For these wells we require measurements of dissolved oxygen, specific conductance, pH, and temperature whether purged or not purged. Also, if biodegradation is being tracked at the well, our requirements do not preclude the measurement of other parameters.
7. Existing wells which have already been routinely purged in previous sampling events immediate to being switched to a non-purging mode do not require an initial duplicate non-purged and purged sample.
8. Monitoring data frequency shall be as required by the appropriate regulatory oversight agency.
9. Should site closure be requested where the non-purged approach has been used, the final confirmation sampling event shall include both non-purged and purged samples from each well or as agreed upon with the appropriate regulatory oversight agency.

PURGE METHOD:

Groundwater monitoring wells that do not qualify for the 'non-purge' method are purged and sampled in accordance with standard regulatory protocol. Typically, monitoring wells that contain no liquid-phase hydrocarbons are purged of groundwater prior to sampling so that fluids sampled are representative of fluids within the formation. Temperature, pH, and specific conductance are typically measured after each well casing volume has been removed. Purging is considered complete when these parameters vary less than 10% from the previous readings, or when four casing volumes of fluid have been removed. Samples are collected without further purging if the well does not recharge within 2 hours to 80% of its volume before purging.

The purged water is either pumped directly into a licensed vacuum truck or temporarily stored in labeled drums prior to transport to an appropriate treatment or recycling facility. If an automatic recovery system (ARS) is operating at the site, purged water may be pumped into the ARS for treatment.

Groundwater samples are collected by lowering a 1.5-inch-diameter, bottom-fill, disposable polyethylene bailer just below the static water level in the well. The samples are carefully transferred from the check-valve-equipped bailer to 1-liter and 40-milliliter glass containers. The sample containers are filled to zero headspace and fitted with Teflon-sealed caps. Each sample is labeled with the project number, well number, sample date, and sampler's initials. Samples remain chilled at approximately 4°C prior to analysis by a state-certified laboratory.

EXHIBIT 6
MONITORING WELL SAMPLING FORMS

FLUID MEASUREMENT FIELD FORM

Project No.: 30-0065-50
 Station No.: 04-H6J

Alton Personnel: Kevin Dolan
 Date: 2/22/99

Well Number	Screen Interval	Depth to Water	Depth to Product	Free Product Thickness (ft)	Free Product Recovery	Total Depth	DO/mylc Comments
MW-1		42.70					2.17
MW-2		41.26					3.16
MW-3		19.82					2.42
MW-4		41.46					0.74
MW-5		34.25					3.45
MW-6		41.83					3.79
MW-7		23.69					
MW-8		20.64					4.71
MW-10		41.51					4.97
MW-11		42.32					5.24
MW-12							
DW-1		41.25					5.01
DW-2		44.31					3.07
DW-3		41.17					3.42
DW-4		41.80					2.98

Alton Geoscience, Northern California Operations
GROUND WATER SAMPLING FIELD NOTES

Site: 04-465 Project No.: 30-0065-30 Sampled By: K. Dolan Date: 2/22/99

Well No. MW-2 Purge Method: _____
 Total Depth (feet): _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Well No. RW-1 Purge Method: _____
 Total Depth (feet): _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
				2.41	70.1	7.82
Total Purged				Time Sampled		1:00

Comments: HC smell - black oily film on bailer
 Turbidity = _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
				2.18	70.2	7.78
Total Purged				Time Sampled		1:10

Comments: HC smell strong. Black film on
 Turbidity = Bailer

Well No. _____ Purge Method: _____
 Total Depth (feet): _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Well No. _____ Purge Method: _____
 Total Depth (feet): _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
Total Purged				Time Sampled		

Comments: _____
 Turbidity = _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
Total Purged				Time Sampled		

Comments: _____
 Turbidity = _____

Well No. _____ Purge Method: _____
 Total Depth (feet): _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Well No. _____ Purge Method: _____
 Total Depth (feet): _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
Total Purged				Time Sampled		

Comments: _____
 Turbidity = _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
Total Purged				Time Sampled		

Comments: _____
 Turbidity = _____

Alton Geoscience, Northern California Operations

GROUND WATER SAMPLING FIELD NOTES

Site: 04-H65 Project No.: 30-0065-SU Sampled By: F. Dolan

Date: 2/22/99

Well No. MW-1
 Total Depth (feet): _____
 Depth to Water (feet): _____
 Water Column (feet): _____
 80% Recharge Depth (feet): _____

Purge Method: NO Purge
 Depth to Product (feet): _____
 Product Recovered (gallons): _____
 Casing Diameter (Inches): _____
 1 Well Volume (gallons): _____

Well No. MW-6
 Total Depth (feet): _____
 Depth to Water (feet): _____
 Water Column (feet): _____
 80% Recharge Depth (feet): _____

Purge Method: NO Purge
 Depth to Product (feet): _____
 Product Recovered (gallons): _____
 Casing Diameter (Inches): _____
 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH
				1.72	67.7	7.10
<u>NO Purge</u>						
Total Purged				Time Sampled		12:00
Comments:						
Turbidity =						

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH
				1.42	67.9	7.18
<u>NO Purge</u>						
Total Purged				Time Sampled		12:10
Comments:						
Turbidity =						

Well No. BW-4
 Total Depth (feet): _____
 Depth to Water (feet): _____
 Water Column (feet): _____
 80% Recharge Depth (feet): _____

Purge Method: NO Purge
 Depth to Product (feet): _____
 Product Recovered (gallons): _____
 Casing Diameter (Inches): _____
 1 Well Volume (gallons): _____

Well No. BW-2
 Total Depth (feet): _____
 Depth to Water (feet): _____
 Water Column (feet): _____
 80% Recharge Depth (feet): _____

Purge Method: _____
 Depth to Product (feet): _____
 Product Recovered (gallons): _____
 Casing Diameter (Inches): _____
 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH
				2.01	68.1	6.89
<u>NO Purge</u>						
Total Purged				Time Sampled		12:40
Comments:						
Turbidity =						

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH
				1.97	68.3	7.57
<u>NO Purge</u>						
Total Purged				Time Sampled		12:30
Comments:						
Turbidity =						

Well No. BW-3
 Total Depth (feet): _____
 Depth to Water (feet): _____
 Water Column (feet): _____
 80% Recharge Depth (feet): _____

Purge Method: NO Purge
 Depth to Product (feet): _____
 Product Recovered (gallons): _____
 Casing Diameter (Inches): _____
 1 Well Volume (gallons): _____

Well No. MW-4
 Total Depth (feet): _____
 Depth to Water (feet): _____
 Water Column (feet): _____
 80% Recharge Depth (feet): _____

Purge Method: _____
 Depth to Product (feet): _____
 Product Recovered (gallons): _____
 Casing Diameter (Inches): _____
 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH
				1.82	67.8	7.49
<u>NO Purge</u>						
Total Purged				Time Sampled		12:40
Comments:						
Turbidity =						

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH
				1.37	68.1	7.42
<u>NO Purge</u>						
Total Purged				Time Sampled		12:50
Comments:						
Turbidity =						

EXHIBIT 7

ANALYTICAL LABORATORY DATA SHEETS



Lancaster Laboratories
A division of Thermo Analytical Inc.

LLI Sample No. WW 3096161
Collected: 2/22/99 at 12:00 by KD

Submitted: 2/23/99 Reported: 3/10/99
Discard: 4/10/99

MW-1 Groundwater Sample
LOC# 04-H6J PRCA# 980044 PHC# 4L
MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 04-H6J
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		
		RESULTS	REPORTING LIMIT	UNITS
8209	BTEX, MTBE (8020)			
0776	Benzene	40.	0.3	ug/l
0777	Toluene	17.	0.3	ug/l
0778	Ethylbenzene	5.4	0.3	ug/l
0779	Total Xylenes	94.	0.6	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	840.	50.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LOW	LCS HIGH	
8209	BTEX, MTBE (8020)	Batch: 99055A16										
0776	Benzene	N.D.		117	116	1	107			81	124	
	0.3 ug/l											
0777	Toluene	N.D.		108	108	0	101			84	119	
	0.3 ug/l											
0778	Ethylbenzene	N.D.		106	105	1	101			82	118	
	0.3 ug/l											
0779	Total Xylenes	N.D.		108	107	1	104			81	120	
	0.6 ug/l											
0780	Methyl tert-Butyl Ether	N.D.		131	133	1	104			79	125	
	10. ug/l											
8268	8015 Mod. for Gasoline	Batch: 99055A16										
5554	TPH-GRO (CA LUFT)	N.D.		98	97	1	102			72	124	
	50. ug/l											

#=Laboratory Method Detection Limit exceeded State Regulatory Limit
N.D.=Not detected at or above the Reporting Limit

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
12:28:42 D 0001 8 134750 654010
320 0.00 00006050 ASR000

Donald J. Shultz Jr.

Respectfully Submitted
Thomas C. Lehman, Ph.D.
Group Leader, Petrol. Analysis



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2681



LLI Sample No. WW 3096161
Collected: 2/22/99 at 12:00 by KD

Submitted: 2/23/99 Reported: 3/10/99
Discard: 4/10/99

MW-1 Groundwater Sample
LOC# 04-H6J PRCA# 980044 PHC# 4L
MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 04-H6J
Rel.

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
----------------	--------------	-------	---------	----	-----	--------	-----	---------	---------	----------------	-----------------

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS	
			LOW	HIGH
8209 BTEX, MTBE (8020)	TFT	100	77	125
8268 8015 Mod. for Gasoline	TFT	91	61	133

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	ANALYSIS		
			TRIAL ID	DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1	02/26/99 0006	K. Robert James
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1	02/26/99 0006	K. Robert James

State of California Lab Certification No. 2116

#=Laboratory Method Detection Limit exceeded State Regulatory Limit
N.D.=Not detected at or above the Reporting Limit

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300

Respectfully Submitted
Thomas C. Lehman, Ph.D.
Group Leader, Petrol. Analysis



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2687



LLI Sample No. WW 3096162

Collected: 2/22/99 at 12:10 by KD

Submitted: 2/23/99 Reported: 3/10/99
Discard: 4/10/99

MW-6 Groundwater Sample
LOC# 04-H6J PRCA# 980044 PHC# 4L
MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 04-H6J
Rel.

AS RECEIVED

CAT NO.	ANALYSIS NAME	RESULTS	REPORTING LIMIT	UNITS
8209	BTEX, MTBE (8020)			
0776	Benzene	N.D.	0.3	ug/l
0777	Toluene	4.4	0.3	ug/l
0778	Ethylbenzene	N.D.	0.3	ug/l
0779	Total Xylenes	N.D. #	3.	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for total xylenes.				
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	170.	50.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LOW	LCS HIGH
8209	BTEX, MTBE (8020)	Batch: 99055A16									
0776	Benzene	N.D.		117	116	1	107			81	124
	0.3 ug/l										
0777	Toluene	N.D.		108	108	0	101			84	119
	0.3 ug/l										
0778	Ethylbenzene	N.D.		106	105	1	101			82	118
	0.3 ug/l										
0779	Total Xylenes	N.D.		108	107	1	104			81	120
	3. ug/l										
0780	Methyl tert-Butyl Ether	N.D.		131	133	1	104			79	125
	10. ug/l										
8268	8015 Mod. for Gasoline	Batch: 99055A16									

#=Laboratory Method Detection Limit exceeded State Regulatory Limit
N.D.=Not detected at or above the Reporting Limit

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
12:30:44 D 0001 8 134750 654010
320 0.00 00006050 ASR000

Respectfully Submitted
Thomas C. Lehman, Ph.D.
Group Leader, Petrol. Analysis



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2631



LLI Sample No. WW 3096162

Collected: 2/22/99 at 12:10 by KD

Submitted: 2/23/99 Reported: 3/10/99

Discard: 4/10/99

MW-6 Groundwater Sample

LOC# 04-H6J PRCA# 980044 PHC# 4L

MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
 Mobil Business Resources Corp.
 2063 Main Street
 Suite 501
 Oakley CA 94561

P.O. 04-H6J
 Rel.

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
5554	TPH-GRO (CA LUFT)										
50.	ug/l	N.D.		98	97	1	102			72	124

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS	
			LOW	HIGH
8209	BTEX, MTBE (8020)	104	77	125
8268	8015 Mod. for Gasoline	87	61	133

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL ID	ANALYSIS DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1	02/26/99 0043	K. Robert James
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1	02/26/99 0043	K. Robert James

State of California Lab Certification No. 2116

#Laboratory Method Detection Limit exceeded State Regulatory Limit
 N.D.=Not detected at or above the Reporting Limit

Questions? Contact your Client Services Representative
 Jedidiah E. Turzi at (717) 656-2300

Donald J. Shelby Jr.

Respectfully Submitted
 Thomas C. Lehman, Ph.D.
 Group Leader, Petrol. Analysis



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax 717-656-2681

See reverse side for explanation of symbols and abbreviations.

221c Rev. 8/4/97





LLI Sample No. WW 3096163

Collected: 2/22/99 at 12:20 by KD

Submitted: 2/23/99 Reported: 3/10/99
Discard: 4/10/99

RW-4 Groundwater Sample
LOC# 04-H6J PRCA# 980044 PHC# 4L
MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 04-H6J
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		
		RESULTS	REPORTING LIMIT	UNITS
8209	BTEX, MTBE (8020)			
0776	Benzene	N.D.	0.3	ug/l
0777	Toluene	N.D.	0.3	ug/l
0778	Ethylbenzene	N.D.	0.3	ug/l
0779	Total Xylenes	N.D.	0.6	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	N.D.	50.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
8209 BTEX, MTBE (8020)		Batch: 99055A16									
0776	Benzene										
	0.3 ug/l	N.D.		117	116	1	107			81	124
0777	Toluene										
	0.3 ug/l	N.D.		108	108	0	101			84	119
0778	Ethylbenzene										
	0.3 ug/l	N.D.		106	105	1	101			82	118
0779	Total Xylenes										
	0.6 ug/l	N.D.		108	107	1	104			81	120
0780	Methyl tert-Butyl Ether										
	10. ug/l	N.D.		131	133	1	104			79	125
8268 8015 Mod. for Gasoline		Batch: 99055A16									
5554	TPH-GRO (CA LUFT)										
	50. ug/l	N.D.		98	97	1	102			72	124

#=Laboratory Method Detection Limit exceeded State Regulatory Limit
N.D.=Not detected at or above the Reporting Limit

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
12:34:21 D 0001 8 134750 654010
320 0.00 00006050 ASR000

Donald J. Shultz, Jr.
for

Respectfully Submitted
Thomas C. Lehman, Ph.D.
Group Leader, Petrol. Analysis



Lancaster Laboratories
2425 Navy Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2657



LLI Sample No. WW 3096163

Collected: 2/22/99 at 12:20 by KD

Submitted: 2/23/99 Reported: 3/10/99

Discard: 4/10/99

RW-4 Groundwater Sample

LOC# 04-H6J PRCA# 980044 PHC# 4L

MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
 Mobil Business Resources Corp.
 2063 Main Street
 Suite 501
 Oakley CA 94561

P.O. 04-H6J
 Rel.

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW HIGH
----------------	--------------	-------	---------	----	-----	--------	-----	---------	---------	---------------------

SURROGATE SUMMARY

	TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS	
				LOW	HIGH
8209 BTEX, MTBE (8020)		TFT	102	77	125
8268 8015 Mod. for Gasoline		TFT	77	61	133

LABORATORY CHRONICLE

CAT	ANALYSIS NAME	METHOD	TRIAL	ID	DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1		02/26/99 0121	K. Robert James
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		02/26/99 0121	K. Robert James

State of California Lab Certification No. 2116

#-Laboratory Method Detection Limit exceeded State Regulatory Limit
 N.D.=Not detected at or above the Reporting Limit

Questions? Contact your Client Services Representative
 Jedidiah E. Turzi at (717) 656-2300

Donald J. Shelly Jr.
for

Respectfully Submitted
 Thomas C. Lehman, Ph.D.
 Group Leader, Petrol. Analysis



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681





LLI Sample No. WW 3096164

Collected: 2/22/99 at 12:30 by KD

Submitted: 2/23/99 Reported: 3/10/99
Discard: 4/10/99

RW-2 Groundwater Sample
LOC# 04-H6J PRCA# 980044 PHC# 4L
MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 04-H6J
Rel.

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
5554	TPH-GRO (CA LUFT)										
50.	ug/l	N.D.		98	97	1	102			72	124

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS	
			LOW	HIGH
8209	BTEX, MTBE (8020)	124	77	125
8268	8015 Mod. for Gasoline	190	61	133

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL ID	ANALYSIS DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1	02/26/99 0158	K. Robert James
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1	02/26/99 0158	K. Robert James

State of California Lab Certification No. 2116

#Laboratory Method Detection Limit exceeded State Regulatory Limit
N.D.=Not detected at or above the Reporting Limit

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300

Respectfully Submitted
Thomas C. Lehman, Ph.D.
Group Leader, Petrol. Analysis



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2681





LLI Sample No. WW 3096165
 Collected: 2/22/99 at 12:40 by KD

Submitted: 2/23/99 Reported: 3/10/99
 Discard: 4/10/99

RW-3 Groundwater Sample
 LOC# 04-H6J PRCA# 980044 PHC# 4L
 MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
 Mobil Business Resources Corp.
 2063 Main Street
 Suite 501
 Oakley CA 94561

P.O. 04-H6J
 Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		
		RESULTS	REPORTING LIMIT	UNITS
8209	BTEX, MTBE (8020)			
0776	Benzene	N.D.	0.3	ug/l
0777	Toluene	N.D.	0.3	ug/l
0778	Ethylbenzene	N.D.	0.3	ug/l
0779	Total Xylenes	N.D.	0.6	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	N.D.	50.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
8209	BTEX, MTBE (8020)	Batch: 99055A16									
0776	Benzene	N.D.		117	116	1	107			81	124
	0.3 ug/l										
0777	Toluene	N.D.		108	108	0	101			84	119
	0.3 ug/l										
0778	Ethylbenzene	N.D.		106	105	1	101			82	118
	0.3 ug/l										
0779	Total Xylenes	N.D.		108	107	1	104			81	120
	0.6 ug/l										
0780	Methyl tert-Butyl Ether	N.D.		131	133	1	104			79	125
	10. ug/l										
8268	8015 Mod. for Gasoline	Batch: 99055A16									
5554	TPH-GRO (CA LUFT)	N.D.		98	97	1	102			72	124
	50. ug/l										

#Laboratory Method Detection Limit exceeded State Regulatory Limit
 N.D.=Not detected at or above the Reporting Limit

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative
 Jedidiah E. Turzi at (717) 656-2300
 12:39:29 D 0001 8 134750 654010
 320 0.00 00006050 ASR000

Respectfully Submitted
 Thomas C. Lehman, Ph.D.
 Group Leader, Petrol. Analysis



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2687





Lancaster Laboratories

A division of Thermo Analytical Inc.

LLI Sample No. **WW 3096165**
Collected: 2/22/99 at 12:40 by KD
Submitted: 2/23/99 Reported: 3/10/99
Discard: 4/10/99

Account No: 09728
Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 04-H6J
Rel.

RW-3 Groundwater Sample
LOC# 04-H6J PRCA# 980044 PHC# 4L
MOBIL: 1024 Main St., Pleasanton, CA

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
----------------	--------------	-------	---------	----	-----	--------	-----	---------	---------	----------------	-----------------

SURROGATE SUMMARY

SURROGATE LIMITS

TRIAL ID	SURROGATE	RECOVERY %	LOW	HIGH
8209	BTEX, MTBE (8020)	100	77	125
8268	8015 Mod. for Gasoline	83	61	133

LABORATORY CHRONICLE

ANALYSIS

CAT NO	ANALYSIS NAME	METHOD	TRIAL ID	DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1	02/26/99 0427	K. Robert James
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1	02/26/99 0427	K. Robert James

State of California Lab Certification No. 2116

#=Laboratory Method Detection Limit exceeded State Regulatory Limit
N.D.=Not detected at or above the Reporting Limit

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300

Respectfully Submitted
Thomas C. Lehman, Ph.D.
Group Leader, Petrol. Analysis



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2681

See reverse side for explanation of symbols and abbreviations



LLI Sample No. WW 3096166

Collected: 2/22/99 at 12:50 by KD

Submitted: 2/23/99 Reported: 3/10/99

Discard: 4/10/99

MW-4 Groundwater Sample

LOC# 04-H6J PRCA# 980044 PHC# 4L

MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
 Mobil Business Resources Corp.
 2063 Main Street
 Suite 501
 Oakley CA 94561

P.O. 04-H6J
 Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		UNITS
		RESULTS	REPORTING LIMIT	
8209	BTEX, MTBE (8020)			
0776	Benzene	45.	0.3	ug/l
0777	Toluene	21.	0.3	ug/l
0778	Ethylbenzene	6.3	0.3	ug/l
0779	Total Xylenes	100.	0.6	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	920.	50.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS	
										LOW	HIGH
8209 BTEX, MTBE (8020)		Batch: 99055A16									
0776	Benzene	N.D.		117	116	1	107			81	124
0777	Toluene	N.D.		108	108	0	101			84	119
0778	Ethylbenzene	N.D.		106	105	1	101			82	118
0779	Total Xylenes	N.D.		108	107	1	104			81	120
0780	Methyl tert-Butyl Ether	N.D.		131	133	1	104			79	125
8268 8015 Mod. for Gasoline		Batch: 99055A16									
5554	TPH-GRO (CA LUFT)	N.D.		98	97	1	102			72	124

#=Laboratory Method Detection Limit exceeded State Regulatory Limit
 N.D.=Not detected at or above the Reporting Limit

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative
 Jedidiah E. Turzi at (717) 656-2300
 12:41:34 D 0001 8 134750 654010
 320 0.00 00006050 ASR000

Thomas C. Lehman

Respectfully Submitted
 Thomas C. Lehman, Ph.D.
 Group Leader, Petrol. Analysis



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



LLI Sample No. WW 3096166

Collected: 2/22/99 at 12:50 by KD

Submitted: 2/23/99 Reported: 3/10/99
Discard: 4/10/99

MW-4 Groundwater Sample
LOC# 04-H6J PRCA# 980044 PHC# 4L
MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 04-H6J
Rel.

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
----------------	--------------	-------	---------	----	-----	--------	-----	---------	---------	----------------	-----------------

SURROGATE SUMMARY

	TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS	
				LOW	HIGH
8209 BTEX, MTBE (8020)		TFT	100	77	125
8268 8015 Mod. for Gasoline		TFT	91	61	133

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL ID	ANALYSIS DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1	02/26/99 0504	K. Robert James
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1	02/26/99 0504	K. Robert James

State of California Lab Certification No. 2116

#-Laboratory Method Detection Limit exceeded State Regulatory Limit
N.D.=Not detected at or above the Reporting Limit

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300

Donald J. Shady for

Respectfully Submitted
Thomas C. Lehman, Ph.D.
Group Leader, Petrol. Analysis



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2631





LLI Sample No. WW **3096167**
 Collected: 2/22/99 at 13:00 by KD

Submitted: 2/23/99 Reported: 3/10/99
 Discard: 4/10/99

MW-2 Groundwater Sample
 LOC# 04-H6J PRCA# 980044 PHC# 4L
 MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
 Mobil Business Resources Corp.
 2063 Main Street
 Suite 501
 Oakley CA 94561

P.O. 04-H6J
 Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		UNITS
		RESULTS	REPORTING LIMIT	
8209	BTEX, MTBE (8020)			
0776	Benzene	660.	1.	ug/l
0777	Toluene	370.	1.	ug/l
0778	Ethylbenzene	250.	1.	ug/l
0779	Total Xylenes	1,000.	3.	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	14,000.	100.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
8209 BTEX, MTBE (8020)		Batch: 99055A16									
0776	Benzene										
1.	ug/l	N.D.		117	116	1	107			81	124
0777	Toluene										
1.	ug/l	N.D.		108	108	0	101			84	119
0778	Ethylbenzene										
1.	ug/l	N.D.		106	105	1	101			82	118
0779	Total Xylenes										
3.	ug/l	N.D.		108	107	1	104			81	120
0780	Methyl tert-Butyl Ether										
10.	ug/l	N.D.		131	133	1	104			79	125
8268 8015 Mod. for Gasoline		Batch: 99055A16									
5554	TPH-GRO (CA LUFT)										
100.	ug/l	N.D.		98	97	1	102			72	124

#Laboratory Method Detection Limit exceeded State Regulatory Limit
 N.D.=Not detected at or above the Reporting Limit

1 COPY TO Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
 Jedidiah E. Turzi at (717) 656-2300
 12:43:40 D 0001 8 134750 654010
 320 0.00 00006050 ASR000

Thomas C. Lehman, Ph.D.

Respectfully Submitted
 Thomas C. Lehman, Ph.D.
 Group Leader, Petro. Analysis



LLI Sample No. WW 3096167

Collected: 2/22/99 at 13:00 by KD

Submitted: 2/23/99 Reported: 3/10/99

Discard: 4/10/99

MW-2 Groundwater Sample

LOC# 04-H6J PRCA# 980044 PHC# 4L

MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
 Mobil Business Resources Corp.
 2063 Main Street
 Suite 501
 Oakley CA 94561

P.O. 04-H6J
 Rel.

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
----------------	--------------	-------	---------	----	-----	--------	-----	---------	---------	----------------	-----------------

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS	
			LOW	HIGH
8209	BTEX, MTBE (8020)	TFT	77	125
8268	8015 Mod. for Gasoline	TFT	61	133

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL ID	ANALYSIS DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1	02/26/99 0541	K. Robert James
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1	02/26/99 0541	K. Robert James

State of California Lab Certification No. 2116

#=Laboratory Method Detection Limit exceeded State Regulatory Limit
 N.D.=Not detected at or above the Reporting Limit

Questions? Contact your Client Services Representative
 Jedidiah E. Turzi at (717) 656-2300

Respectfully Submitted
 Thomas C. Lehman, Ph.D.
 Group Leader, Petrol. Analysis



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2631

See reverse side for explanation of symbols and abbreviations

2216 Rev. 8/4/97





LLI Sample No. WW 3096168

Collected: 2/22/99 at 13:10 by KD

Submitted: 2/23/99 Reported: 3/10/99

Discard: 4/10/99

RW-1 Groundwater Sample
 LOC# 04-H6J PRCA# 980044 PHC# 4L
 MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
 Mobil Business Resources Corp.
 2063 Main Street
 Suite 501
 Oakley CA 94561

P.O. 04-H6J
 Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		
		RESULTS	REPORTING LIMIT	UNITS
2306	MTBE by GC/MS			
2010	Methyl t-butyl ether	N.D. #	10.	ug/l
	Due to excessive foaming of the sample, normal reporting limits were not attained.			
8209	BTEX, MTBE (8020)			
0776	Benzene	1,100.	2.	ug/l
0777	Toluene	1,700.	2.	ug/l
0778	Ethylbenzene	220.	2.	ug/l
0779	Total Xylenes	3,000.	6.	ug/l
0780	Methyl tert-Butyl Ether	N.D. #	100.	ug/l
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE.			
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	28,000.	200.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS	
										LOW	HIGH
2306 MTBE by GC/MS		Batch: 99064A67									
2010	Methyl t-butyl ether	N.D.		106	107	1	103			72	122
10.	ug/l										
8209 BTEX, MTBE (8020)		Batch: 99056A51									
0776	Benzene	N.D.		109	107	2	112			81	124
2.	ug/l										

#=Laboratory Method Detection Limit exceeded State Regulatory Limit
 N.D.=Not detected at or above the Reporting Limit

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative
 Jedidiah E. Turzi at (717) 656-2300
 12:44:56 D 0001 8 134750 654010
 320 0.00 00015550 ASR000

Respectfully Submitted
 Thomas C. Lehman, Ph.D.
 Group Leader, Petrol. Analysis



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681





LLI Sample No. WW 3096168

Collected: 2/22/99 at 13:10 by KD

Submitted: 2/23/99 Reported: 3/10/99

Discard: 4/10/99

RW-1 Groundwater Sample

LOC# 04-H6J PRCA# 980044 PHC# 4L

MOBIL: 1024 Main St., Pleasanton, CA

Account No: 09728
 Mobil Business Resources Corp.
 2063 Main Street
 Suite 501
 Oakley CA 94561

P.O. 04-H6J
 Rel.

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
0777	Toluene										
2.	ug/l	N.D.		107	105	2	108			84	119
0778	Ethylbenzene										
2.	ug/l	N.D.		105	102	3	107			82	118
0779	Total Xylenes										
6.	ug/l	N.D.		106	103	3	108			81	120
0780	Methyl tert-Butyl Ether										
100.	ug/l	N.D.		100	98	2	105			79	125

8268	8015 Mod. for Gasoline	Batch: 99056A51									

5554	TPH-GRO (CA LUFT)										
200.	ug/l	N.D.		102	114	11	105			72	124

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS	
			LOW	HIGH
2306	MTBE by GC/MS	89	86	118
8209	BTEX, MTBE (8020)	109	77	125
8268	8015 Mod. for Gasoline	115	61	133

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	ANALYSIS		
			TRIAL ID	DATE AND TIME	ANALYST
2306	MTBE by GC/MS	SW-846 8260B	1	03/08/99 1115	Melanie D. Rittenhouse
8209	BTEX, MTBE (8020)	SW-846 8020A	1	02/26/99 0722	Courtney M. Kutchi
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1	02/26/99 0722	Courtney M. Kutchi

State of California Lab Certification No. 2116

#=Laboratory Method Detection Limit exceeded State Regulatory Limit
 N.D.=Not detected at or above the Reporting Limit

Questions? Contact your Client Services Representative
 Jedidiah E. Turzi at (717) 656-2300

Respectfully Submitted
 Thomas C. Lehman, Ph.D.
 Group Leader, Petrol. Analysis



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2631

Please print.

SCR#: _____

Mobil Consultant/Office: <u>ALTON GEOSCIENCE - Livermore</u>				Matrix		Analyses Requested					<small>List total number of containers in the box under each analysis.</small>				
Consultant Prj. Mgr: <u>Chris Dennis</u>		Prj. #: <u>30-0065-50</u>		<input type="checkbox"/> Potable <input type="checkbox"/> NPDES	<input type="checkbox"/> BTEX 8020 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> + MTBE	<input type="checkbox"/> TPH 8015 MOD GROSS DRO	<input type="checkbox"/> NWTPH Gx <input type="checkbox"/> Dx <input type="checkbox"/>	Title 22 Metals	Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>	# of Containers					
Consultant Phone #: <u>(925) 462-6944</u>		Fax #: <u>(925) 606-9260</u>												<input type="checkbox"/> Soil	<input type="checkbox"/> Water
Location Code #: <u>04-1165</u>				PRCA/AFE/Release #: <u>980044</u>		Phase Code: <u>4L</u>		Site Address: <u>1024 Main St., Pleas.</u>		State: <u>CA</u>		Sampler: <u>Kevin Dolan</u>			
Mobil Engineer: <u>Cherine Foutch</u>				Date Collected		Time Collected		Grab		Composite		Remarks			
Sample Identification															
MW-1				2/22		12:00		<input checked="" type="checkbox"/>				* Confirm highest MTBE 3 rd lit by 8260			
MW-6						12:10									
RW-4						12:20									
RW-2						12:30									
RW-3						12:40									
MW-4						12:50									
MW-2						1:00									
RW-1				✓		1:10		✓							
Turnaround Time Requested (TAT) (please circle):				Relinquished by:		Date		Time		Received by:		Date		Time	
MOBIL STD. TAT <u>72 hour</u> 48 hour 24 hour other _____ day				<u>Kevin Dolan</u>		2/22		3:00							
Data Package Options (please circle if requested)				Relinquished by:		Date		Time		Received by:		Date		Time	
QC Summary GLP Type I (Tier I) Other Type III (NJ Red. Del.) Disk Type IV (CLP) Type VI (Raw Data) WIP				SDG Complete? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		<u>Fed Ex w/ custody seals</u>									
Site-specific QC required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, indicate QC sample and submit triplicate volume.				Relinquished by Commercial Carrier:		Date		Time		Received by:		Date		Time	
Internal Chain of Custody required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Other _____						<u>Annexie Hutcheson</u>		2/23/99		0900	
				Temperature Upon Receipt <u>3</u> °C						Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A					