TRC Alton Geoscience

5052 Commercial Circle
Concord, California 94520
Telephone 925-688-1200
Facsimile 925-688-0388

99 OCT 22 PM 4:50

October 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 Third Quarter 1999 Progress Report for the subject location, prepared for Mobil Business Resources Corporation by TRC/Alton Geoscience. The contents of this report include:

Quarterly Progress Report Summary Sheet
Exhibit 1: Sampling Schedule
Exhibit 2: Summary of Groundwater Monitoring and 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: Vapor Extraction System Performance Table
Exhibit 6: Groundwater Remediation Performance Table
Exhibit 7: Well Purging and Groundwater Sampling Protocol
Exhibit 8: Monitoring Well Sampling Forms
Exhibit 9: Analytical Laboratory Data Sheets

Please note that circumstances required groundwater well RW-3 to be re-sampled on two occasions. The first time, September 29, 1999, was due to the anomalous analytical results of the September 16, 1999 groundwater sample. The September 16, 1999 sample analytical results are not considered representative of the groundwater conditions at RW-3. The second time, October 4, 1999, was due to breakage of the September 29, 1999 sample VOA vials while in refrigerated storage pending transportation to the analytical laboratory. The October 4, 1999 groundwater sample analytical results are considered representative of the groundwater conditions at RW-3 and are used herein.

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) 688-2463.

Sincerely,

C.B.D.

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. Matthew Katen, Alameda County Flood Control and Water Conservation District
Mount Diablo National Bank

TRC / Alton Geoscience

Quarterly Progress Report Summary Sheet
Third 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:	16-Sep-99
Number of ground water wells on-site:	16	Groundwater Wells monitored:	16
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:			38.50 ft
Approximate elevation of potentiometric surface above Mean Sea Level:			309.51 ft
Average Increase/Decrease in ground water elevations since last sampling episode:		Decrease:	1.08 ft
Approximate flow direction and hydraulic gradient:		East-southeast at:	0.20 ft/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:	3	Volume of Free Product Recovered This Period:	0
Number of wells with concentrations at or above MCL:	5	Volume of Free Product Recovered To Date:	0
		Range in Concentrations:	Benzene: ND<0.3 to 960 ppb
Nature of contamination:	Gasoline		TPH-G: ND<50 to 45,000 ppb
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):	930	Carbon Change:	1
Total Amount of Groundwater Extracted (gallons):	[redacted]		
Operating days this quarter:	13		
Total operating Days:	660		
VAPOR EXTRACTION PERFORMANCE		Date Started:	4-Apr-95
Technology used:	Blower & Carbon	Maximum influent Concentration (ppmv):	2,080 ppmv
Number of vapor wells onsite:	9	Maximum Diluted Influent Concentration (ppmv):	480 ppmv
Number of vapor extraction wells open:	5	Mass of hydrocarbons removed this quarter:	32.1 gals.
Operating Days this quarter:	13	[redacted]	[redacted]
Total operating Days:	637	Operating Mode:	Blower & Carbon
		Conversion Date (changeover to carbon):	6/30/98

ADDITIONAL INFORMATION:

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: _____ — Stephen V. Huvane, PE, Project Engineer — Date Submitted: 10/15/99

California Registered Professional Engineer 52385

EXHIBIT 1

SAMPLING SCHEDULE

1999 MONITORING WELL SAMPLING SCHEDULE
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

SUMMARY OF GROUNDWATER MONITORING AND ANALYSIS

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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-1†	05/27/99	348.03	0.00	41.51	306.52	ND	—	ND	ND	ND	ND	ND	—	2.03
MW-1†	09/16/99	348.03	0.00	43.56	304.47	ND	—	ND	ND	ND	ND	ND	—	0.89

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—
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-2†	05/27/99	348.45	0.00	41.57	306.88	12,000	—	930	460	350	1,300	ND	ND	2.86
MW-2†	09/16/99	348.45	0.00	43.61	304.84	13,000	—	220	100	300	300	99	—	0.26

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—	—	—	—	—	—	—	—
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-3	05/27/99	347.97	0.00	18.34	329.63	—	—	—	—	—	—	—	—	1.16
MW-3	09/16/99	347.97	0.00	18.53	329.44	—	—	—	—	—	—	—	—	0.78

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—
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-4†	05/27/99	348.07	0.00	41.71	306.36	670	—	67	9.0	4.7	40	ND	—	0.98
MW-4†	09/16/99	348.07	0.00	43.71	304.36	3,000	—	150	34	6.2	150	ND	—	0.36

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—	—	—	—	—	—	—	—
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-5	05/27/99	347.97	0.00	34.01	313.96	—	—	—	—	—	—	—	—	3.14
MW-5	09/16/99	347.97	0.00	34.10	313.87	—	—	—	—	—	—	—	—	5.48
MW-6	10/18/90	348.23	0.00	43.60	304.63	3,000	ND	1,300	150	120	85	—	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—	—	—	—	—	—	—
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-6†	05/27/99	348.23	0.00	42.13	306.10	160	—	ND	3.7	ND	0.9	ND	—	1.11
MW-6†	09/16/99	348.23	0.00	44.27	303.96	70	—	ND	ND	ND	ND	ND	—	1.70

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—	—	—	—	—	—	—	—
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-7	05/27/99	347.90	0.00	23.67	324.23	—	—	—	—	—	—	—	—	1.30
MW-7	09/16/99	347.90	0.00	23.19	324.71	—	—	—	—	—	—	—	—	0.64
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	—	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—	—	—	—	—	—	—	—
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-8	05/27/99	348.90	0.00	20.53	328.37	—	—	—	—	—	—	—	—	4.53
MW-8	09/16/99	348.90	0.00	18.10	330.80	—	—	—	—	—	—	—	—	2.34
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	—	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—
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-10	05/27/99	347.95	0.00	41.78	306.17	—	—	—	—	—	—	—	—	5.38

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
MW-10	09/16/99	347.95	0.00	43.82	304.13	—	—	—	—	—	—	—	—	3.17
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
MW-11	05/27/99	347.56	0.00	42.27	305.29	—	—	—	—	—	—	—	—	4.89
MW-11	09/16/99	347.56	0.00	43.91	303.65	—	—	—	—	—	—	—	—	4.91
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	—	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—	—	—	—	—	—	—	—	—
MW-12	05/27/99	347.15	0.00	43.18	303.97	—	—	—	—	—	—	—	—	2.81
MW-12	09/16/99	347.15	0.00	46.29	300.86	—	—	—	—	—	—	—	—	5.26
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	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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-1	05/27/99	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-1	09/16/99	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-2	05/27/99	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-2	09/16/99	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-3	11/30/93	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
VMW-3	01/27/94	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—
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-3	05/27/99	348.10	0.00	36.14	311.96	—	—	—	—	—	—	—	—	1.84
VMW-3	09/16/99	348.10	0.00	31.32	316.78	—	—	—	—	—	—	—	—	1.32
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	—	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—
VMW-4	05/27/99	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	09/16/99	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

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
RW-1†	05/27/99	347.89	0.00	41.39	306.50	23,000	—	1,400	1,800	320	3,000	ND	—	4.31
RW-1†	09/16/99	347.89	0.00	44.23	303.66	34,000	—	910	5,000	1,000	3,800	ND	—	6.64
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	—	—
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-2†	05/27/99	347.82	0.00	44.15	303.67	310	—	1.4	4.5	0.6	1.7	ND	—	2.83
RW-2†	09/16/99	347.82	0.00	47.97	299.85	260	—	ND	ND	ND	ND	ND	—	1.87
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	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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-3†	05/27/99	347.92	0.00	44.40	303.52	ND	—	ND	ND	ND	ND	ND	—	3.18
RW-3†^	09/16/99	347.92	0.00	44.58	303.34	45,000	—	960	5,700	1,200	5,000	200	—	8.45
RW-3†^	10/04/99	347.92	—	—	—	ND	—	ND	0.6	ND	ND	ND	—	—
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	—	—	—	—	—	—	—	—	—
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
RW-4†	05/27/99	348.29	0.00	42.06	306.23	ND	—	ND	ND	ND	ND	ND	—	2.43
RW-4†	09/16/99	348.29	0.00	44.87	303.42	ND	—	ND	ND	ND	ND	ND	—	1.94

RW-1 data?

FORMER UNOCAL STATION #0543 WELLS

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—	—	—	—	—	—	—
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	—	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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

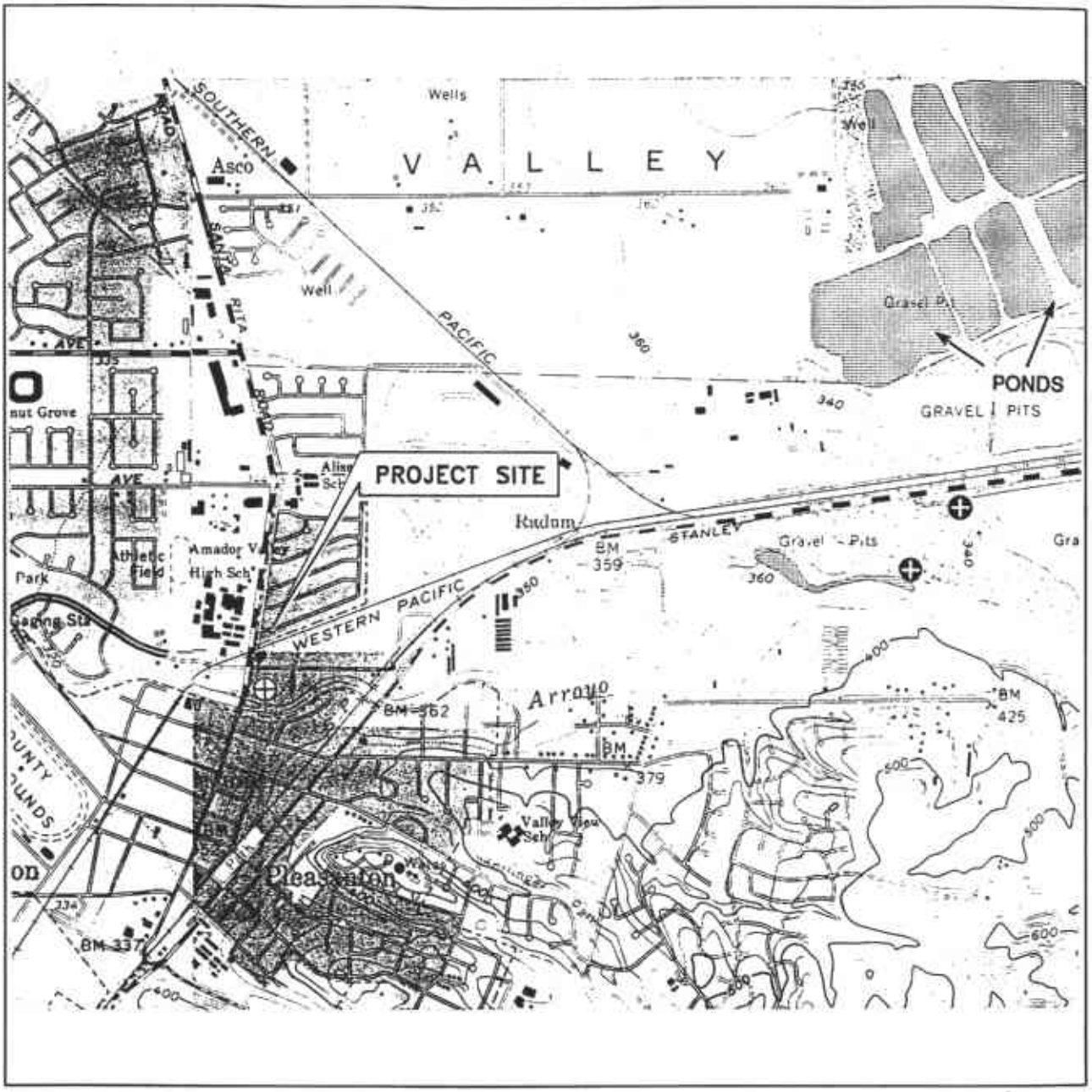
** = well inaccessible

*** = 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

^ = Due to an anomalous analytical result on 9/16/99, RW-3 was resampled on 10/4/99.



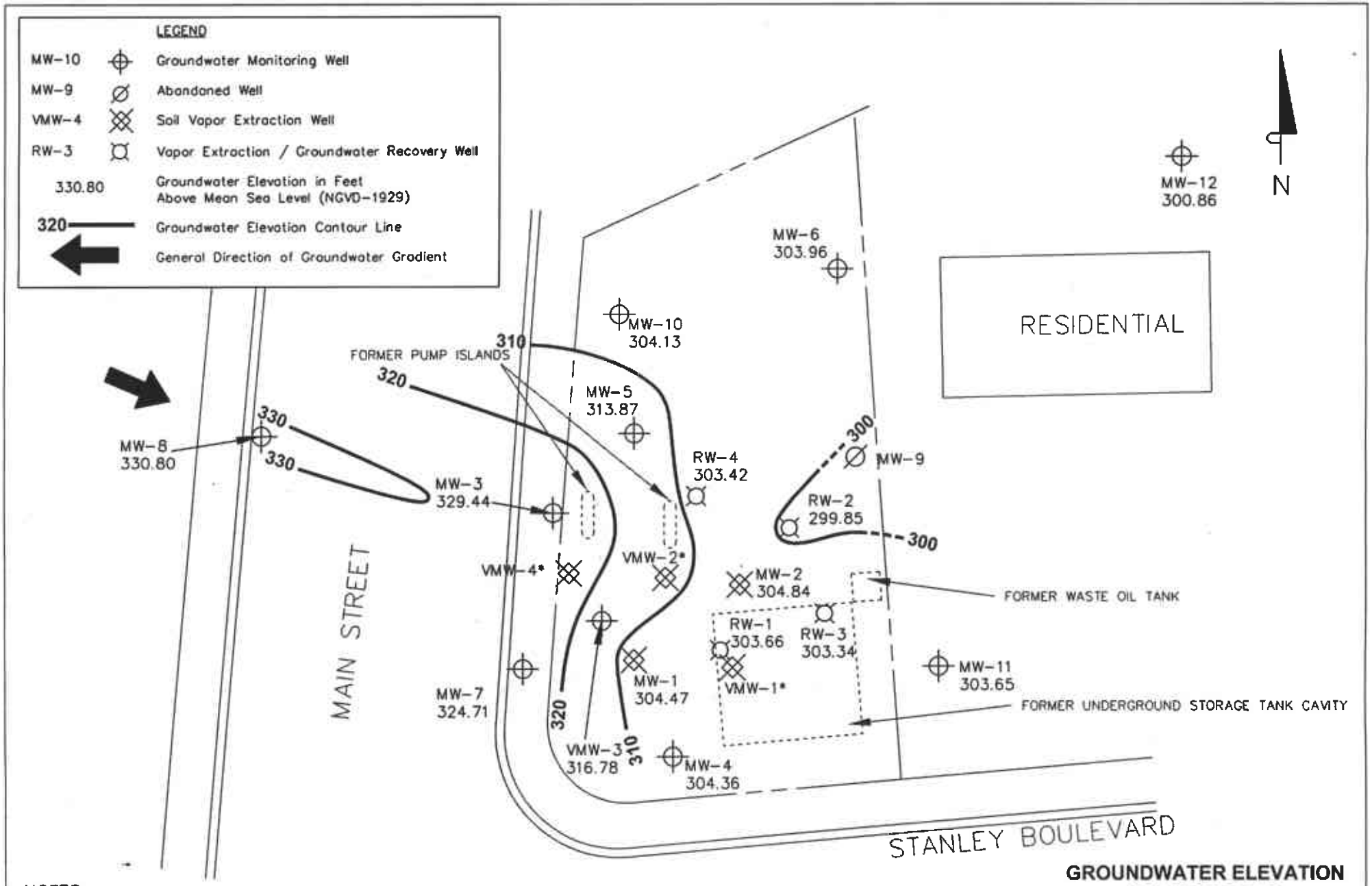
SOURCE:
United States Geological Survey
7.5 Minute Topographic Maps:
Livermore Quadrangle

VICINITY MAP

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

ALTON GEOSCIENCE
Northern California

FIGURE 1

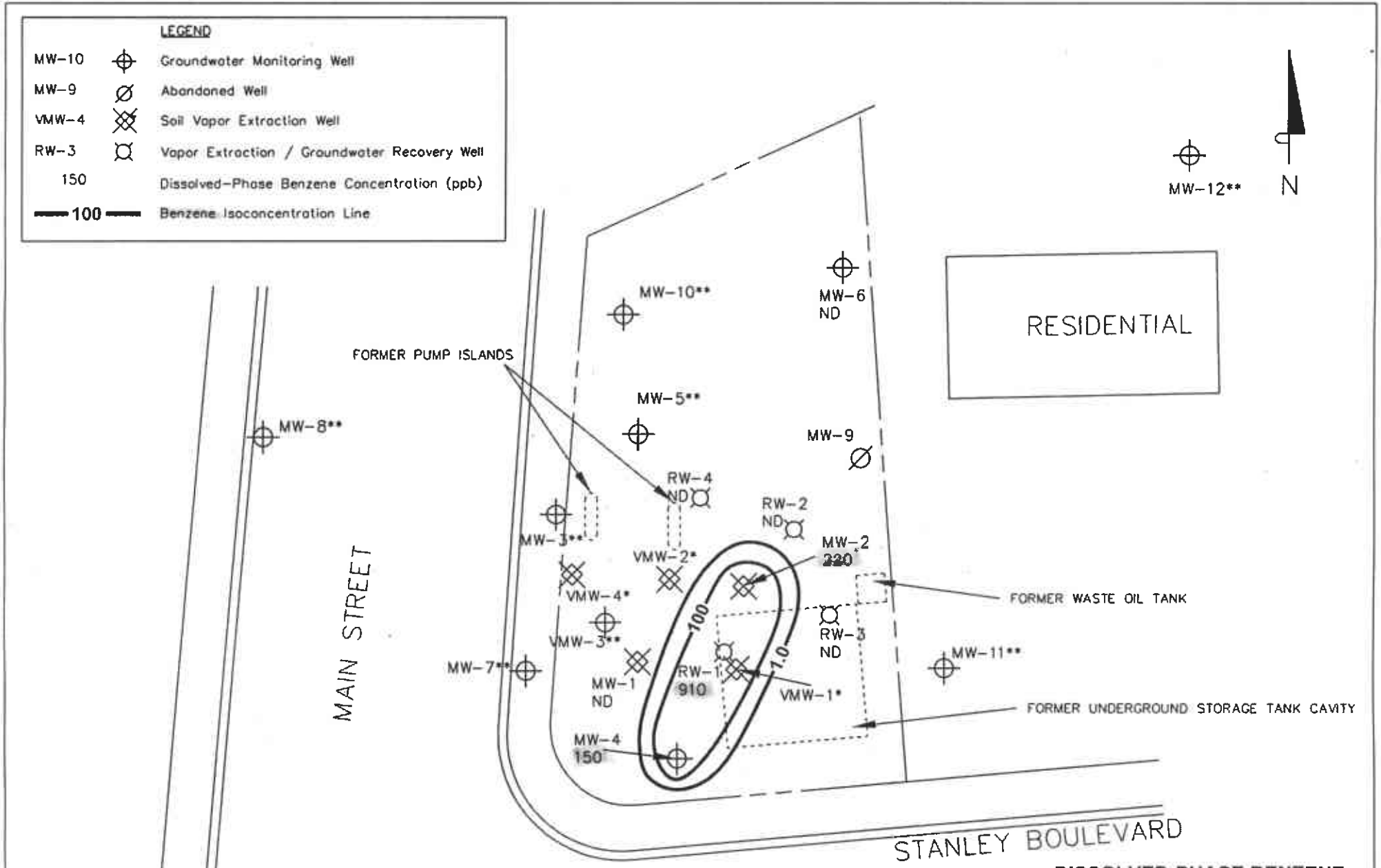


NOTES:
Contour lines are interpretive based on fluid-level measurements collected September 16, 1999.
Contour interval = 10 feet. * = dry well.

ALTON GEOSCIENCE
Northern California

SCALE (FEET)
0 30 60

GROUNDWATER ELEVATION CONTOUR MAP
September 16, 1999
Former Mobil Station 04-H6J
1024 Main Street
Pleasanton, California
FIGURE 2



NOTES:
Results are based on laboratory analysis of groundwater samples collected September 16, 1999.
ppb = parts per billion; ND = not detected at or above method detection limit, * = dry well; not sampled; ** = well not scheduled for sampling.

ALTON GEOSCIENCE
Northern California

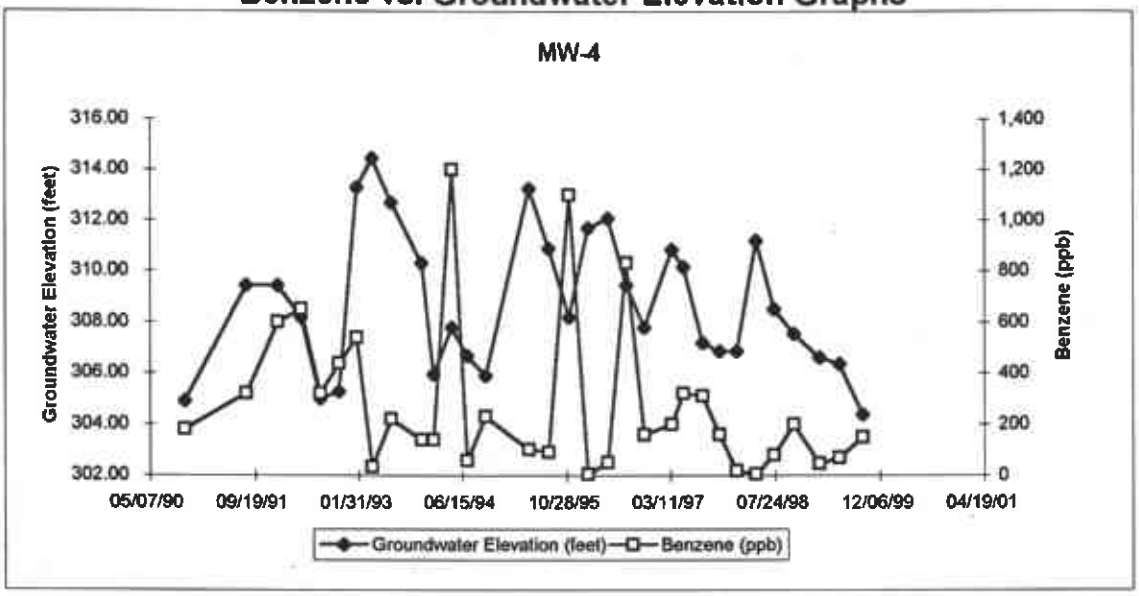
SCALE (FEET)
0 30 60

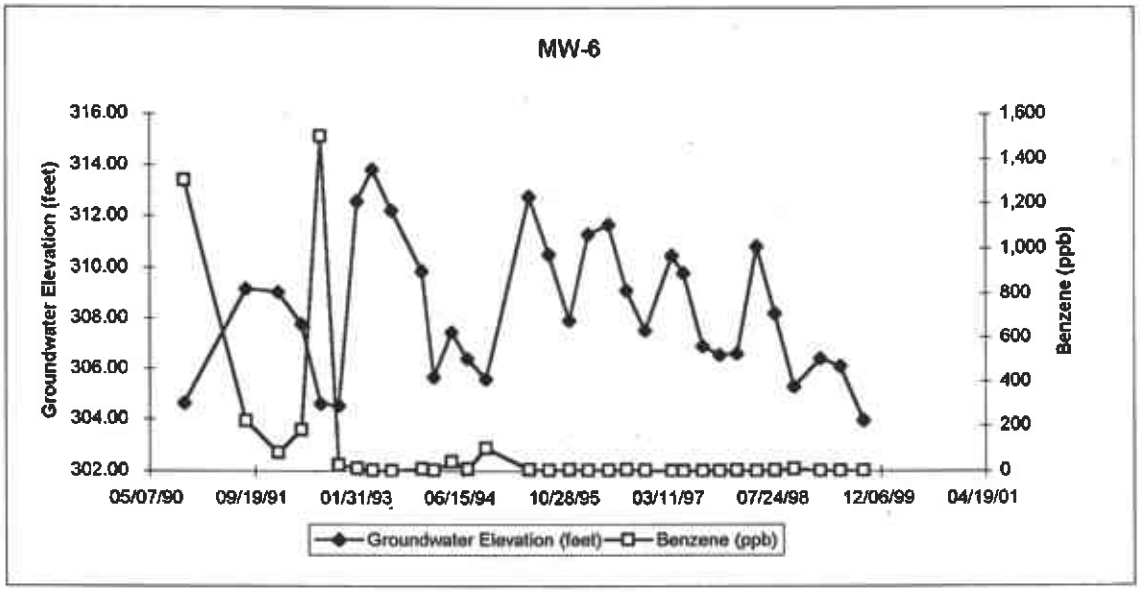
DISSOLVED-PHASE BENZENE CONCENTRATIONS
September 16, 1999
Former Mobil Station 04-H6J
1024 Main Street
Pleasanton, California
FIGURE 3

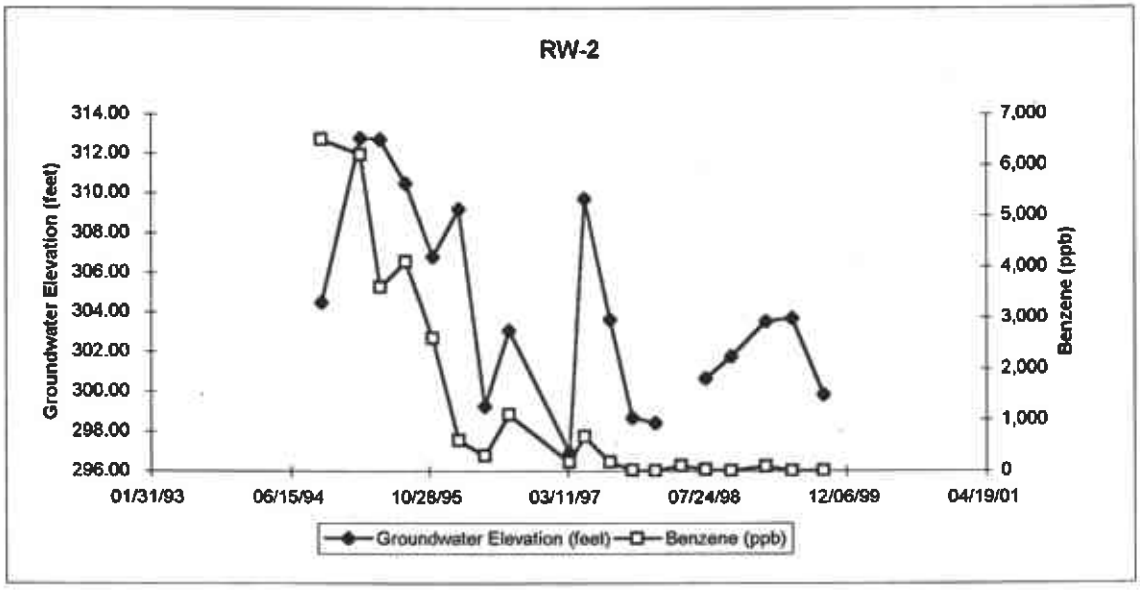
EXHIBIT 4

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	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 (%)
(m/d/yy)								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	
5/26/95	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	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	

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

Date	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 (%)
(m/d/yy)								Field	Lab	Field	Lab	Lab						
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	
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	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	0.036	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	170		0					NA	4.4	3683.3	100.0
10/23/97	NA	24	100%	367	46	NA	260	240		0					NA	4.8	3688.1	100.0
10/24/97	NA	24	100%	385	50	NA	220	170		0					NA	4.9	3693.0	100.0

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

Date	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 (%)
(m/d/yy)								Field	Lab	Field	Lab	Lab						
10/31/97	NA	168	100%	369	48	NA	150	70		0					NA	20.2	3713.2	100.0
11/11/97	NA	264	100%	260	87	NA	620	270		0					NA	37.5	3750.6	100.0
11/26/97	NA	360	100%	207	100	NA	1,950	360		0					NA	70.3	3821.0	100.0
12/4/97	NA	216	113%	203	100	NA	1,180	230		0					NA	34.7	3855.6	100.0
12/11/97	NA	168	100%	200	100	NA	900	180		0					NA	18.4	3874.1	100.0
12/16/97	NA	96	100%	172	100	NA	850	150		0					NA	7.8	3881.9	100.0
12/26/97	NA	264	100%	170	100	NA	850	170		0					NA	19.2	3901.1	100.0
12/31/97	NA	120	100%	170	100	NA	840	190		0					NA	9.8	3910.8	100.0
1/5/98	NA	120	100%	164	100	NA	1,125	270		0					NA	12.2	3923.1	100.0
1/16/98	NA	264	100%	177	100	NA	700	160		0					NA	25.7	3948.8	100.0
1/22/98	NA	144	100%	190	100	NA	610	120		0					NA	9.8	3958.6	100.0
1/30/98	NA	192	100%	186	100	NA	530	110		0					NA	11.0	3969.6	100.0
2/5/98	NA	144	100%	163	100	NA	300	80		0					NA	6.3	3975.9	100.0
2/9/98	NA	96	100%	156	100	NA	150	50		0					NA	2.6	3978.6	100.0
2/20/98	NA	264	100%	148	100	NA	10	10		0					NA	3.2	3981.8	100.0
2/27/98	NA	168	100%	153	100	NA	60	10		0					NA	0.7	3982.5	100.0
3/5/98	NA	144	100%	146	100	NA	150	60		0					NA	2.0	3984.5	100.0
3/12/98	NA	168	100%	145	100	NA	50	0		0					NA	1.9	3986.4	100.0
3/20/98	NA	192	100%	151	100	NA	100	10		0					NA	0.4	3986.8	100.0
3/27/98	NA	168	100%	150	100	NA	120	10		0					NA	0.7	3987.5	100.0
4/1/98	NA	120	100%	143	100	NA	130	20		0					NA	0.7	3988.2	100.0
4/6/98	NA	120	100%	NA	100	NA	180	30		0					NA	0.6	3988.7	100.0
4/16/98	NA	240	100%	155	100	NA	170	30		0					NA	1.5	3990.2	100.0
4/22/98	NA	144	100%	154	100	NA	30	10		0					NA	1.2	3991.4	100.0
4/30/98	NA	192	100%	149	100	NA	50	10		0					NA	0.8	3992.2	100.0
5/29/98	NA	0	0%	NA	NA	NA	NA	20		0					NA	0.0	3992.2	100.0
6/4/98	NA	0	0%	NA	NA	NA	50	30		0					NA	0.0	3992.2	100.0
6/11/98	NA	168	100%	317	NA	NA	20	20		0					NA	1.8	3993.9	100.0
6/18/98	NA	168	100%	227	NA	NA	130	20		0					NA	2.4	3996.4	100.0
7/7/98	NA	0	0%	306	NA	NA	100	20		0					NA	0.0	3996.4	100.0
7/13/98	NA	144	100%	225	NA	NA	200	50		0					NA	3.6	3999.9	100.0
1/6/99	NA	0	0%	408	NA	NA	3,460	2,600		0					NA	0.0	3999.9	100.0
1/12/99	NA	144	100%	395	NA	NA	120	700		0					NA	253.3	4253.2	100.0
1/15/99	NA	72	100%	382	NA	NA	120	70		0					NA	28.6	4281.8	100.0
1/22/99	NA	0	0%	384	NA	NA	110	150		0					NA	0.0	4281.8	100.0
1/27/99	NA	120	100%	306	NA	NA	NA	70		0					NA	12.1	4293.9	100.0
2/1/99	NA	0	0%	NA	NA	NA	NA	80		0					NA	0.0	4293.9	100.0
2/4/99	NA	72	100%	317	NA	NA	110	60		0					NA	2.1	4296.0	100.0
2/24/99	NA	0	0%	263	NA	NA	650	230		0					NA	0.0	4296.0	100.0

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

Date	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 (%)
(m/d/yy)								Field	Lab	Field	Lab	Lab						
3/3/99	NA	168	100%	281	NA	NA	230	80		0					NA	18.8	4314.8	100.0
3/23/99	NA	0	0%	278	NA	NA	470	130		0					NA	0.0	4314.8	100.0
4/5/99	NA	312	100%	254	NA	NA	130	70		0					NA	22.0	4336.9	100.0
6/1/99	NA	0	0%	261	NA	NA	NA	190		0					NA	0.0	4336.9	100.0
6/29/99	NA	0	0%	224	NA	NA	720	480		0					NA	0.0	4336.9	100.0
7/12/99	NA	312	100%	175	NA	NA	820	80		0					NA	46.3	4383.2	100.0
9/29/99	NA	0	0%	NA	NA	NA	390	200		0					NA	0.0	4383.2	100.0

Total to Date = 14928 | 38% = Average % Operation

NOTES:

ppmv = parts per million volume

cfm = cubic feet per minute

HC Recovery Per Period = Hydrocarbons recovered based on weekly field date 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

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EXHIBIT 6

GROUNDWATER REMEDIATION PERFORMANCE TABLE

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	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	34,650	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	881	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	680	55	500
I-1	11/20/95	1,221,950	50,060	16,687	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	2,073,600	--	--	--	--	--	--
I-1	04/08/96	54,120	7,820	460	2,081,420	10,000	2,000	690	1,500	120	930
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	--	--	--	--	--	--

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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	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	1,694,940	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	160	3,847,480	--	--	--	--	--	--
I-1	02/04/99	1,820,670	490	163	3,847,970	--	--	--	--	--	--
I-1	02/24/99	1,820,670	0	0	3,847,970	15,000	7,300	1,300	52	2,900	2,900
I-1	03/03/99	1,821,820	1,150	164	3,849,120	14,000	7,400	490	780	30	2,400
I-1	03/23/99	1,821,820	0	0	3,849,120	--	--	--	--	--	--
I-1	04/05/99	1,822,750	930	72	3,850,050	--	--	--	--	--	--
I-1	05/28/99	1,822,750	0	0	3,850,050	--	--	--	--	--	--
I-1	06/25/99	1,822,750	0	0	3,850,050	--	--	--	--	--	--
I-1	06/29/99	1,822,780	30	8	3,850,080	--	--	--	--	--	--
I-1	07/12/99	1,822,980	200	15	3,850,280	--	--	--	--	--	--
I-1	07/26/99	1,824,800	1,820	130	3,852,100	4,900	2,800	49	17	ND	530
I-1	08/27/99	1,824,800	0	0	3,852,100	--	--	--	--	--	--
I-1	09/29/99	1,824,800	0	0	3,852,100	--	--	--	--	--	--
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

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)
E-1	07/08/96	--	--	--	--	--	ND	ND	0.71	ND	ND	ND
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	2.6	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	01/06/98	--	--	--	--	--	ND	270	ND	0.6	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	06/11/98	--	--	--	--	--	ND	ND	ND	ND	ND	ND
E-1	07/13/98	--	--	--	--	--	410	3,600	3.1	3.1	1.4	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	01/27/98	--	--	--	--	--	ND	2,000	ND	0.3	ND	ND
E-1	02/04/99	--	--	--	--	--	--	2,100	--	--	--	--
E-1	02/25/99	--	--	--	--	--	ND	--	ND	0.6	0.3	0.8
E-1	03/03/99	--	--	--	--	--	110	4,000	0.8	ND	0.8	6.4
E-1	04/05/99	--	--	--	--	--	ND	--	ND	ND	ND	ND
E-1	04/23/99	--	--	--	--	--	--	ND	--	--	--	--
E-1	05/28/99	--	--	--	--	--	--	--	--	--	--	--
E-1	06/25/99	--	--	--	--	--	--	--	--	--	--	--
E-1	06/29/99	--	--	--	--	--	--	--	--	--	--	--
E-1	07/12/99	--	--	--	--	--	--	--	--	--	--	--
E-1	07/26/99	--	--	--	--	--	110	2,000	ND	ND	0.5	1.7
E-1	08/27/99	--	--	--	--	--	--	--	--	--	--	--
E-1	09/29/99	--	--	--	--	--	--	--	--	--	--	--

Total Effluent Discharged to Date: 3,852,100 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 7

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 8

MONITORING WELL SAMPLING FORMS

TRC/Alton Geoscience, Northern California Operations

FLUID MEASUREMENT FIELD FORM

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

Alton Personnel: SEAN VAN GORDER
Date: 9/16/99

Well Number	Screen Interval	Depth to Water	Depth to Product	Free Product Thickness (ft)	Free Product Recovery	Total Depth	Dissolved O_2 (mg/L)	Comments
MW-1		43.56					0.89	
MW-2		43.61					0.26	
MW-3		18.53					0.78	
MW-4		43.71					0.36	
MW-5		34.10					5.48	
MW-6		44.27					1.70	
MW-7		23.19					0.64	
MW-8		18.10					2.34	
MW-10		43.82					3.17	
MW-11		43.91					4.91	
MW-12		46.29					5.26	~~DRY WELL~~
RW-1		~~DRY~~	44.23				6.64	COULD NOT ACCESS WELL; DID NOT UNDERSTAND WHERE TO GET SAMPLE FROM
RW-2		47.97					1.87	Water clear (XD)
RW-3		~~DRY~~	44.58				8.45	~~Could not get DRY WELL~~ D.I.W. OR SAMPLE
RW-4		44.87					1.94	Water slightly murky
VMW-4		DRY					–	
VMW-3		31.32					1.32	
VMW-2		DRY					–	
VMW-1		DRY					–	

TRC/Alton Geoscience, Northern California Operations

GROUND WATER SAMPLING FIELD NOTES

Site: 04-H6J Project No.: 30-0065 Sampled By: SEAN VanGorder Date: 9/16/99 & 9/17/99

Well No. MW-6 - 9/16 Purge Method: NP
Total Depth (feet): ____ Depth to Product (feet): ____
Depth to Water (feet): 44.27 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
3:00		44.27		1.06	70.8	7.75
	Total Purged			Time Sampled		3:00

Comments: CLEAR
Turbidity=

Well No. MW-4 - 9/16 Purge Method: NP
Total Depth (feet): ____ Depth to Product (feet): ____
Depth to Water (feet): 43.71 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
1:20		43.71		1.07	70.5	6.93
	Total Purged			Time Sampled		1:20

Comments: CLEAR
Turbidity=

Well No. MW-1 - 9/16 Purge Method: NP
Total Depth (feet): ____ Depth to Product (feet): ____
Depth to Water (feet): 43.56 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
12:50		43.56		1.15	69.8	6.86
	Total Purged			Time Sampled		12:50

Comments: CLEAR
Turbidity=

Well No. RW-4 - 9/17 Purge Method: NP
Total Depth (feet): ____ Depth to Product (feet): ____
Depth to Water (feet): 44.87 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
11:15		44.87		1.20	78.2	6.88
	Total Purged			Time Sampled		11:15

Comments: Slightly murky at bottom of
Turbidity= VOAS

Well No. RW-3 9/17 Purge Method: NP
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
12:30		44.58		1.21	70.6	6.75
	Total Purged			Time Sampled		12:30

Comments: Water slightly murky, blackish
Turbidity= ~~Bot wtr~~ ~~sl.~~ odor

Well No. RW-2 9/17 Purge Method: NP
Total Depth (feet): ____ Depth to Product (feet): ____
Depth to Water (feet): 47.97 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
12:10		47.97		1.02	~~[illegible]~~ 74.9	7.08
	Total Purged			Time Sampled		12:10

Comments: clear
Turbidity=

g:\general\forms\Gwsmplg.xls

TRC/Alton Geoscience, Northern California Operations

GROUND WATER SAMPLING FIELD NOTES

Site: 04-H6J Project No.: 30-0065 Sampled By: Sean Van Gelder Date: 9/16/97

Well No. MW-2 - 9/16
Purge Method: NP
Total Depth (feet): '
Depth to Product (feet):
Depth to Water (feet): 43.61
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
2:30		43.61		1.37	72.1	7.17
	Total Purged			Time Sampled		2:30

Comments: CLEAR
Turbidity=

Well No. RW-1- 9/17
Purge Method: NP
Total Depth (feet):
Depth to Product (feet):
Depth to Water (feet): 44.23
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
~~12:30~~ 1:00		44.23		1.23	73.3	6.86
	Total Purged			Time Sampled		~~12:30~~ 1:00

Comments: clear
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):

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):

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):

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):

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

Comments:
Turbidity=

Mobil 04-HGJ 9-29-99 O&M RPT. PR

Elec - 65393
flow - 1824800

- Troubleshoot Wonick control system. both ale units have failed. ORDER # 17A1E0 ($195) & ST 144600 ($125). Will install week of 10/4.
- Troubleshoot RW pumps. RW3 bad ground lead. repaired. Valve on this pump was closed and petcock open! RW 1 pump ok, petcock broken off, H20 sample bailer stuck in pump works. RW 4 pump ok valve closed. RW2 ok.
- Repair VCS hoses & connections Repair VES back @ E of A ran.
- HAD discussion w/ super @ Tioga Cons. (across St. "says their gonna take metal fence down, denies breaking fence. They are using our lot for debris storage and parking. Additionally they are stockpiling material and operating a backhoe over well field (in area of VMW 3).
- see site plan for fence problems.
- Collect sample from RW3.

#	Depth to H20	Depth to Pump Inlet.
RW1	44.00	43.5
2	49.60	48.0
3	47.43	47.5
4	44.18	43.00

NYSEP

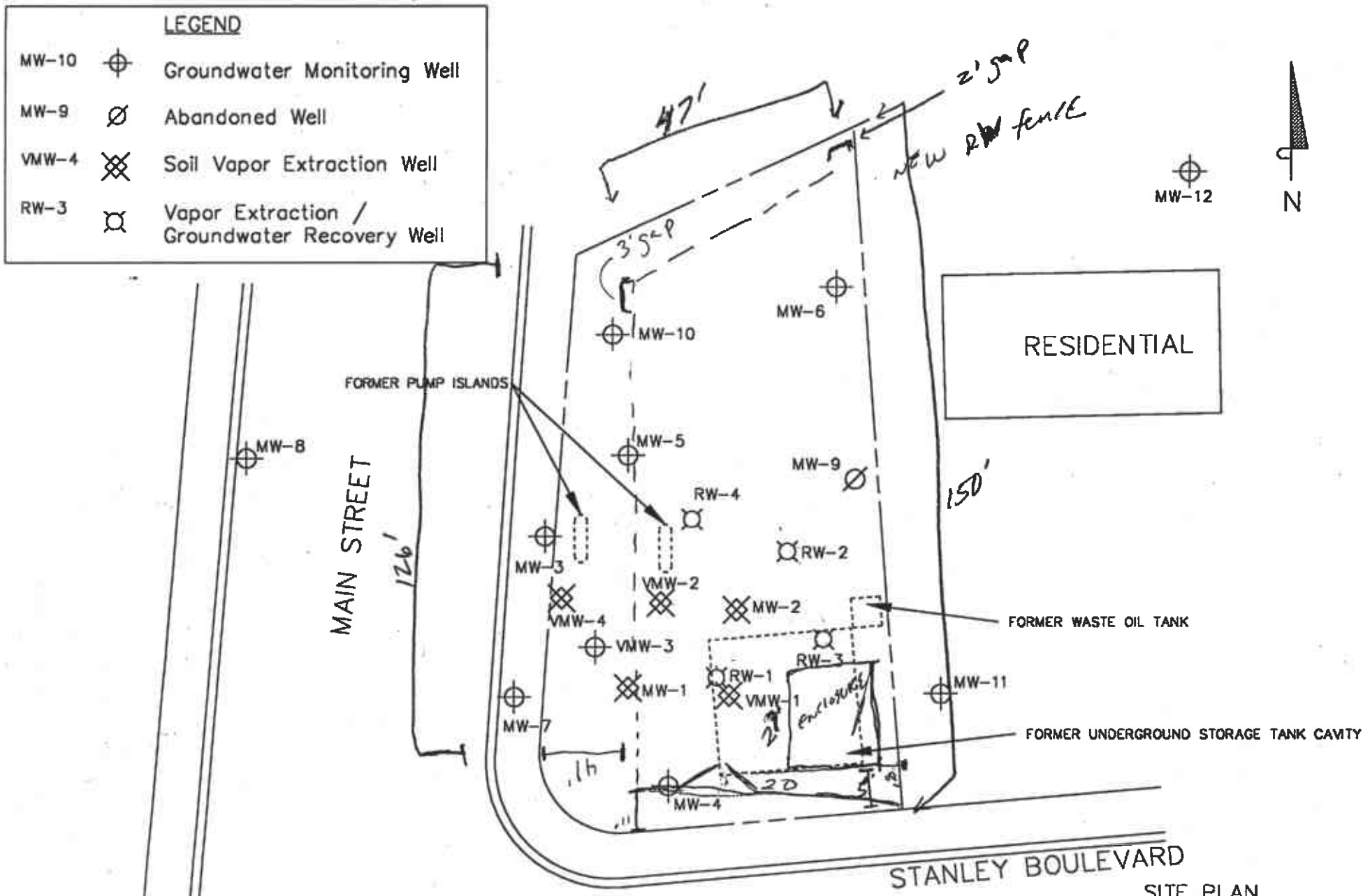
9/29/99

VES DATA

well #	ppm
I'	390
mw1	90
RW1	4370
mw2	540
I 3	200
A	140
B	0
E	0

H2O sample parameters

#.	pH	Cond	Temp	DO
RW3	6.88	1.60	62.9	1.9



SITE PLAN

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

SCALE (FEET)
0 30 60

ALTON GEOSCIENCE
Northern California

FIGURE 2

9/29/99

EXHIBIT 9

ANALYTICAL LABORATORY DATA SHEETS

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233224
Collected: 09/16/99 at 15:00 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

MW-6 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

CAT NO.	ANALYSIS NAME	AS RECEIVED RESULTS	REPORTING LIMIT	UNITS
2488	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
2489	Methyl t-butyl ether	N.D.	5.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	70.	50.	ug/l

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

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
2488 BTEX, MTBE (8020)			Batch: 99264A51									
0776 Benzene	0.3	ug/l	N.D.		106	110	4	94			81	124
0777 Toluene	0.3	ug/l	N.D.		103	106	3	97			81	122
0778 Ethylbenzene	0.3	ug/l	N.D.		105	107	3	98			79	123
0779 Total Xylenes	0.6	ug/l	N.D.		105	107	2	98			80	123
2489 Methyl t-butyl ether	5.	ug/l	N.D.		88	97	10	87			79	123
8268 8015 Mod. for Gasoline			Batch: 99264A51									
5554 TPH-GRO (CA LUFT)												

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
03:13:41 D 0001 8 134750 683342
310 0.00 00004500 ASR000

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233224
Collected: 09/16/99 at 15:00 by SVG

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

MW-6 Ground Water Sample
LOC# 04-H6J WBS# 56
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
50.	ug/l	N.D.		106			99	100	1	79	128

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS LOW	SURROGATE LIMITS HIGH
2488 BTEX, MTBE (8020)	TFT	101	77	118
8268 8015 Mod. for Gasoline	TFT-F	93	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
2488	BTEX, MTBE (8020)	SW-846 8021B	1		09/22/99 1421	Steven J. Stabinger
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		09/22/99 1421	Steven J. Stabinger

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233225
Collected: 09/17/99 at 11:15 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

RW-4 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

AS RECEIVED

CAT NO.	ANALYSIS NAME	RESULTS	REPORTING LIMIT	UNITS
2488	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
2489	Methyl t-butyl ether	N.D.	5.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	N.D.	50.	ug/l

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

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
2488 BTEX, MTBE (8020)			Batch: 99264A51									
0776 Benzene	0.3	ug/l	N.D.		106	110	4	94			81	124
0777 Toluene	0.3	ug/l	N.D.		103	106	3	97			81	122
0778 Ethylbenzene	0.3	ug/l	N.D.		105	107	3	98			79	123
0779 Total Xylenes	0.6	ug/l	N.D.		105	107	2	98			80	123
2489 Methyl t-butyl ether	5.	ug/l	N.D.		88	97	10	87			79	123
8268 8015 Mod. for Gasoline			Batch: 99264A51									
5554 TPH-GRO (CA LUFT)												

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
03:14:24 D 0001 8 134750 683342
310 0.00 00004500 ASR000

Respectfully Submitted
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Group Leader, Petrol. Analysis

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233225
Collected: 09/17/99 at 11:15 by SVG

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

RW-4 Ground Water Sample
LOC# 04-H6J WBS# 56
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
50.	ug/l	N.D.		106			99	100	1	79	128

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS LOW	SURROGATE LIMITS HIGH
2488 BTEX, MTBE (8020)	TFT	97	77	118
8268 8015 Mod. for Gasoline	TFT-F	88	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
2488	BTEX, MTBE (8020)	SW-846 8021B	1		09/22/99 1455	Steven J. Stabinger
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		09/22/99 1455	Steven J. Stabinger

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233226
Collected: 09/17/99 at 12:30 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

RW-3 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

CAT NO.	ANALYSIS NAME	AS RECEIVED RESULTS	REPORTING LIMIT	UNITS
2488	BTEX, MTBE (8020)			
0776	Benzene	960.	10.	ug/l
0777	Toluene	5,700.	10.	ug/l
0778	Ethylbenzene	1,200.	10.	ug/l
0779	Total Xylenes	5,000.	30.	ug/l
2489	Methyl t-butyl ether	200.	20.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	45,000.	1,000.	ug/l

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

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
2488 BTEX, MTBE (8020)			Batch: 99264A51									
0776 Benzene	10.	ug/l	N.D.		106	110	4	94			81	124
0777 Toluene	10.	ug/l	N.D.		103	106	3	97			81	122
0778 Ethylbenzene	10.	ug/l	N.D.		105	107	3	98			79	123
0779 Total Xylenes	30.	ug/l	N.D.		105	107	2	98			80	123
2489 Methyl t-butyl ether	20.	ug/l	N.D.		88	97	10	87			79	123
8268 8015 Mod. for Gasoline			Batch: 99264A51									
5554 TPH-GRO (CA LUFT)												

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
03:15:06 D 0001 8 134750 683342
310 0.00 00004500 ASR000

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233226
Collected: 09/17/99 at 12:30 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

RW-3 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
1,000.	ug/l	N.D.		106			99	100	1	79	128

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS LOW	SURROGATE LIMITS HIGH
2488 BTEX, MTBE (8020)	TFT	105	77	118
8268 8015 Mod. for Gasoline	TFT-F	97	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
2488	BTEX, MTBE (8020)	SW-846 8021B	1		09/22/99 1530	Steven J. Stabinger
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		09/22/99 1530	Steven J. Stabinger

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233227
Collected: 09/16/99 at 12:50 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

MW-1 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

CAT NO.	ANALYSIS NAME	AS RECEIVED RESULTS	REPORTING LIMIT	UNITS
2488	BTEX, MTBE (8020)			
0776	Benzene	N.D. #	1.	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
2489	Methyl t-butyl ether	N.D.	5.	ug/l
	Due to the nature of the sample matrix, normal reporting limits were not attained for benzene.			
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	N.D.	50.	ug/l
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.			

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
2488 BTEX, MTBE (8020)		Batch: 99264A51									
0776 Benzene											
1.	ug/l	N.D.		106	110	4	94			81	124
0777 Toluene											
0.3	ug/l	N.D.		103	106	3	97			81	122
0778 Ethylbenzene											
0.3	ug/l	N.D.		105	107	3	98			79	123
0779 Total Xylenes											
0.6	ug/l	N.D.		105	107	2	98			80	123
2489 Methyl t-butyl ether											
5.	ug/l	N.D.		88	97	10	87			79	123
8268 8015 Mod. for Gasoline		Batch: 99264A51									

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
03:15:47 D 0001 8 134750 683342
310 0.00 00004500 ASR000

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233227
Collected: 09/16/99 at 12:50 by SVG

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

MW-1 Ground Water Sample
LOC# 04-H6J WBS# 56
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
5554	TPH-GRO (CA LUFT)											
	50.	ug/l	N.D.		106			99	100	1	79	128

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS LOW	SURROGATE LIMITS HIGH
2488 BTEX, MTBE (8020)	TFT	95	77	118
8268 8015 Mod. for Gasoline	TFT-F	84	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
2488	BTEX, MTBE (8020)	SW-846 8021B	1		09/22/99 0031	Steven J. Stabinger
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		09/22/99 0031	Steven J. Stabinger

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233228
Collected: 09/16/99 at 13:20 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

MW-4 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

CAT NO.	ANALYSIS NAME	AS RECEIVED RESULTS	REPORTING LIMIT	UNITS
2488	BTEX, MTBE (8020)			
0776	Benzene	150.	0.3	ug/l
0777	Toluene	34.	0.3	ug/l
0778	Ethylbenzene	6.2	0.3	ug/l
0779	Total Xylenes	150.	0.6	ug/l
2489	Methyl t-butyl ether	N.D. #	50.	ug/l
	Due to the nature of the sample matrix, normal reporting limits were not attained for MTBE.			
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	3,000.	50.	ug/l
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.			

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
2488 BTEX, MTBE (8020)		Batch: 99264A51									
0776 Benzene											
0.3	ug/l	N.D.		106	110	4	94			81	124
0777 Toluene											
0.3	ug/l	N.D.		103	106	3	97			81	122
0778 Ethylbenzene											
0.3	ug/l	N.D.		105	107	3	98			79	123
0779 Total Xylenes											
0.6	ug/l	N.D.		105	107	2	98			80	123
2489 Methyl t-butyl ether											
50.	ug/l	N.D.		88	97	10	87			79	123
8268 8015 Mod. for Gasoline		Batch: 99264A51									

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
03:16:28 D 0001 8 134750 683342
310 0.00 00004500 ASR000

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

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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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LLI Sample No. WW 3233228
Collected: 09/16/99 at 13:20 by SVG

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

MW-4 Ground Water Sample
LOC# 04-H6J.WBS# 56
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
5554 TPH-GRO (CA LUFT)											
50.	ug/l	N.D.		106			99	100	1	79	128

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS LOW	SURROGATE LIMITS HIGH
2488 BTEX, MTBE (8020)	TFT	101	77	118
8268 8015 Mod. for Gasoline	TFT-F	112	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
2488	BTEX, MTBE (8020)	SW-846 8021B	1		09/22/99 1605	Steven J. Stabinger
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		09/22/99 1605	Steven J. Stabinger

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233229
Collected: 09/17/99 at 12:10 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

RW-2 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

CAT NO.	ANALYSIS NAME	AS RECEIVED RESULTS	REPORTING LIMIT	UNITS
2488	BTEX, MTBE (8020)			
0776	Benzene	N.D. #	2.	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
2489	Methyl t-butyl ether	N.D.	5.	ug/l
	Due to the nature of the sample matrix, normal reporting limits were not attained for benzene.			
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	260.	50.	ug/l
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.			

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
2488 BTEX, MTBE (8020)			Batch: 99264A51									
0776 Benzene	2.	ug/l	N.D.		106	110	4	94			81	124
0777 Toluene	0.3	ug/l	N.D.		103	106	3	97			81	122
0778 Ethylbenzene	0.3	ug/l	N.D.		105	107	3	98			79	123
0779 Total Xylenes	0.6	ug/l	N.D.		105	107	2	98			80	123
2489 Methyl t-butyl ether	5.	ug/l	N.D.		88	97	10	87			79	123
8268 8015 Mod. for Gasoline			Batch: 99264A51									

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
03:17:10 D 0001 8 134750 683342
310 0.00 00004500 ASR000

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233229
Collected: 09/17/99 at 12:10 by SVG

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

RW-2 Ground Water Sample
LOC# 04-H6J WBS# 56
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
5554 TPH-GRO (CA LUFT)											
50.	ug/l	N.D.		106			99	100	1	79	128

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS LOW	SURROGATE LIMITS HIGH
2488 BTEX, MTBE (8020)	TFT	108	77	118
8268 8015 Mod. for Gasoline	TFT-F	104	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
2488	BTEX, MTBE (8020)	SW-846 8021B	1		09/22/99 1640	Steven J. Stabinger
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		09/22/99 1640	Steven J. Stabinger

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233230
Collected: 09/16/99 at 14:30 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

MW-2 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

CAT NO.	ANALYSIS NAME	AS RECEIVED RESULTS	REPORTING LIMIT	UNITS
2488	BTEX, MTBE (8020)			
0776	Benzene	220.	2.	ug/l
0777	Toluene	100.	2.	ug/l
0778	Ethylbenzene	300.	2.	ug/l
0779	Total Xylenes	300.	6.	ug/l
2489	Methyl t-butyl ether	99.	5.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	13,000.	200.	ug/l

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

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
2488 BTEX, MTBE (8020)			Batch: 99264A51									
0776 Benzene	2.	ug/l	N.D.		106	110	4	94			81	124
0777 Toluene	2.	ug/l	N.D.		103	106	3	97			81	122
0778 Ethylbenzene	2.	ug/l	N.D.		105	107	3	98			79	123
0779 Total Xylenes	6.	ug/l	N.D.		105	107	2	98			80	123
2489 Methyl t-butyl ether	5.	ug/l	N.D.		88	97	10	87			79	123
8268 8015 Mod. for Gasoline			Batch: 99264A51									
5554 TPH-GRO (CA LUFT)												

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
03:17:50 D 0001 8 134750 683342
310 0.00 00004500 ASR000

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233230
Collected: 09/16/99 at 14:30 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

MW-2 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. · Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
200.	ug/l	N.D.		106			99	100	1	79	128

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS LOW	SURROGATE LIMITS HIGH
2488 BTEX, MTBE (8020)	TFT	112	77	118
8268 8015 Mod. for Gasoline	TFT-F	120	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
2488	BTEX, MTBE (8020)	SW-846 8021B	1		09/22/99 1714	Steven J. Stabinger
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		09/22/99 1714	Steven J. Stabinger

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233231
Collected: 09/17/99 at 13:00 by SVG

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

RW-1 Ground Water Sample
LOC# 04-H6J WBS# 56
MOBIL: 1024 Main St. - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

CAT NO.	ANALYSIS NAME	AS RECEIVED RESULTS	REPORTING LIMIT	UNITS
2488	BTEX, MTBE (8020)			
0776	Benzene	910.	10.	ug/l
0777	Toluene	5,000.	10.	ug/l
0778	Ethylbenzene	1,000.	10.	ug/l
0779	Total Xylenes	3,800.	30.	ug/l
2489	Methyl t-butyl ether	N.D. #	200.	ug/l
	Due to the nature of the sample matrix, normal reporting limits were not attained for MTBE.			
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	34,000.	1,000.	ug/l
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.			

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
2488 BTEX, MTBE (8020)		Batch: 99264A51									
0776 Benzene											
10.	ug/l	N.D.		106	110	4	94			81	124
0777 Toluene											
10.	ug/l	N.D.		103	106	3	97			81	122
0778 Ethylbenzene											
10.	ug/l	N.D.		105	107	3	98			79	123
0779 Total Xylenes											
30.	ug/l	N.D.		105	107	2	98			80	123
2489 Methyl t-butyl ether											
200.	ug/l	N.D.		88	97	10	87			79	123
8268 8015 Mod. for Gasoline		Batch: 99264A51									

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
03:18:31 D 0001 8 134750 683342
310 0.00 00004500 ASR000

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3233231
Collected: 09/17/99 at 13:00 by SVG

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

Submitted: 09/20/99 Reported: 09/24/99
Discard: 10/25/99

RW-1 Ground Water Sample
LOC# 04-H6J WBS# 56
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
5554 TPH-GRO (CA LUFT)											
1,000.	ug/l	N.D.		106			99	100	1	79	128

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS LOW	SURROGATE LIMITS HIGH
2488 BTEX, MTBE (8020)	TFT	103	77	118
8268 8015 Mod. for Gasoline	TFT-F	95	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
2488	BTEX, MTBE (8020)	SW-846 8021B	1		09/22/99 1749	Steven J. Stabinger
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		09/22/99 1749	Steven J. Stabinger

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

Kate Nhoder for

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

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

Mobil Western Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 9728 Sample #: 3233224-31

SCR#: _____

Please print.

Mobil Consultant/Office: TRC / ALTON GEOSCIENCE
Consultant Prj. Mgr: CHRIS DENNIS Prj. #: 30-0065-60
Consultant Phone #: (925) 688-1200 Fax #: (925) 688-0388
Location Code #: 04-HGJ WBS #: .56
Site Address: 1024 MAIN ST., PLEASANTON State: CA
Sampler: SEAN VAN GORDER
Mobil Engineer: Cherenie Fontch

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Ground Water Samples (Potable ☐ NPDES ☐)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX 8020 ☒ 8021 ☐ + MTBE ☒	TPH 8015 MOD GRO ☒ DRO ☐	NWTPH Gx ☐ Dx ☐	TPHAZ	Title 22 Metals	Lead 7420 ☐ 7421 ☐	Remarks
MW-6	9/16/99	3:00				X									* Please detect 1 ppb to 5 ppb.
RW-4	9/17/99	11:15				↓			↓	↓					
RW-3	9/17/99	12:30													
MW-1	9/16/99	12:50													
MW-4	9/16/99	1:20													
RW-2	9/17/99	12:10													
MW-2	9/16/99	2:30													
RW-1	9/17/99	1:00				↓			↓	↓					

Turnaround Time Requested (TAT) (please circle):
MOBIL STD. TAT 72 hour 48 hour
24 hour other ____ day

Data Package Options (please circle if requested)
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 No

Site-specific QC required? Yes (No) (If yes, indicate QC sample and submit triplicate volume.
Internal Chain of Custody required? Yes (No)

Relinquished by:	Date	Time	Received by:	Date	Time
Sean M. Van Gorder	9/17/99				
Shipped fed X w/ custody seals					

Relinquished by Commercial Carrier: UPS ~~FedEx~~ Other _____
Received by: [signature] 9/20/99 0735

Temperature Upon Receipt 6.0 °C
Custody Seals Intact? (Yes) No N/A

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3244114
Collected: 10/04/99 at 08:30 by KD

Submitted: 10/05/99 Reported: 10/14/99
Discard: 11/14/99

RW-3 Water Sample
LOC# 04-H6J WBS#56
Mobil: 1024 Main St - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

CAT NO.	ANALYSIS NAME	AS RECEIVED RESULTS	REPORTING LIMIT	UNITS
8209	BTEX, MTBE (8020)			
0776	Benzene	N.D.	0.3	ug/l
0777	Toluene	0.6	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: 99279A02									
0776 Benzene	0.3	ug/l	N.D.		105	105	0	103			81	124
0777 Toluene	0.3	ug/l	N.D.		108	109	1	107			81	122
0778 Ethylbenzene	0.3	ug/l	N.D.		110	111	1	109			79	123
0779 Total Xylenes	0.6	ug/l	N.D.		111	112	1	112			80	123
0780 Methyl tert-Butyl Ether	10.	ug/l	N.D.		102	99	3	102			79	123
8268 8015 Mod. for Gasoline			Batch: 99279A02									
5554 TPH-GRO (CA LUFT)	50.	ug/l	N.D.		98	97	0	98			79	128

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
09:00:08 D 0001 1 134751 685561
310 0.00 00004500 ASR000

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3244114
Collected: 10/04/99 at 08:30 by KD

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

Submitted: 10/05/99 Reported: 10/14/99
Discard: 11/14/99

RW-3 Water Sample
LOC# 04-H6J WBS#56
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

	TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS LOW	SURROGATE LIMITS HIGH
8209 BTEX, MTBE (8020)		TFT-P	96	77	118
8268 8015 Mod. for Gasoline		TFT-F	98	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1		10/07/99 1603	Michael C. Wehn
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		10/07/99 1603	Michael C. Wehn

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

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Jedidiah E. Turzi at (717) 656-2300

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

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

Mobil Western Region Analysis Request/Chain of Custody

Lancaster Laboratories
A division of Thermo Analytical Inc.

Acct. #: 9728 — For Lancaster Laboratories use only — Sample #: 3244114

Please print. SCR#:

Mobil Consultant/Office: TRC / ALTON GEOSCIENCE
Consultant Prj. Mgr: Chris Dennis Prj. #: 30-00165-60
Consultant Phone #: 925-688-1200 Fax #: 925-688-0388
Location Code #: 04-HCOT
PRCA/AFE/Release #: ____ WBS # Phase Code: 560
Site Address: 1024 Main St, Pleasanton State: CA
Sampler: Kevin Dolan
Mobil Engineer: Cherrie Fouten

Preservative Codes: H=HCl, T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / NPDES)	Matrix: Oil / Air	Total Number of Containers	BTEX 8020 / 8021 + MTBE	TPH 8015 MOD GRO / DRO	NWTPH Gx / Dx	TPHAZ	Title 22 Metals	Lead 7420 / 7421	Remarks
RW-3	10/4	8:30				X		4	X	X					please confirm MTBE by 8260
RW-3	9/29					X		1						HOLD	

Samples vials broke while being refrigerated. Sample re-collected on 10/4/99. CD 10/11/99

Turnaround Time Requested (TAT) (please circle):
MOBIL STD. TAT — 72 hour — 48 hour — 24 hour — other ____ day

Data Package Options (please circle if requested)
QC Summary, Type I (Tier I), Type III (NJ Red. Del.), Type IV (CLP), Type VI (Raw Data), WIP, GLP, Other, Disk

SDG Complete? Yes / No

Site-specific QC required? Yes / No (If yes, indicate QC sample and submit triplicate volume.)

Internal Chain of Custody required? Yes / No

	Date	Time		Date	Time
Relinquished by: Kevin Dolan	10/4/99	9:45	Received by:	10/4/99	9:45
Relinquished by:	10/4/99	11:00	Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS / FedEx / Other ____			Received by:	10/5/99	0850

Temperature Upon Receipt 4.0 °C

Custody Seals Intact? Yes / No / N/A

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3244114
Collected: 10/04/99 at 08:30 by KD

Submitted: 10/05/99 Reported: 10/14/99
Discard: 11/14/99

RW-3 Water Sample
LOC# 04-H6J WBS#56
Mobil: 1024 Main St - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

CAT NO.	ANALYSIS NAME	AS RECEIVED RESULTS	REPORTING LIMIT	UNITS
8209	BTEX, MTBE (8020)			
0776	Benzene	N.D.	0.3	ug/l
0777	Toluene	0.6	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: 99279A02									
0776 Benzene											
0.3	ug/l	N.D.		105	105	0	103			81	124
0777 Toluene											
0.3	ug/l	N.D.		108	109	1	107			81	122
0778 Ethylbenzene											
0.3	ug/l	N.D.		110	111	1	109			79	123
0779 Total Xylenes											
0.6	ug/l	N.D.		111	112	1	112			80	123
0780 Methyl tert-Butyl Ether											
10.	ug/l	N.D.		102	99	3	102			79	123
8268 8015 Mod. for Gasoline		Batch: 99279A02									
5554 TPH-GRO (CA LUFT)											
50.	ug/l	N.D.		98	97	0	98			79	128

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

1 COPY TO TRC/Alton Geoscience ATTN: Chris Dennis

Questions? Contact your Client Services Representative
Jedidiah E. Turzi at (717) 656-2300
09:00:08 D 0001 1 134751 685561
310 0.00 00004500 ASR000

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

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

Lancaster Laboratories
Where quality is a science.

LLI Sample No. WW 3244114
Collected: 10/04/99 at 08:30 by KD

Submitted: 10/05/99 Reported: 10/14/99
Discard: 11/14/99

RW-3 Water Sample
LOC# 04-H6J WBS#56
Mobil: 1024 Main St - Pleasanton, CA

Account No: 09728

Mobil Business Resources Corp.
2063 Main Street
Suite 501
Oakley CA 94561

P.O. 4500100232-0509
Rel. 00010

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	SURROGATE LIMITS HIGH
8209 BTEX, MTBE (8020)		TFT-P	96	77	118
8268 8015 Mod. for Gasoline		TFT-F	98	59	144

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1		10/07/99 1603	Michael C. Wehn
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1		10/07/99 1603	Michael C. Wehn

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

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

Mobil Western Region Analysis Request/Chain of Custody

Lancaster Laboratories
A division of Thermo Analytical Inc.

For Lancaster Laboratories use only
Acct. #: 9728 Sample #: 324414

Please print.

SCR#:

Mobil Consultant/Office: TRC/ALTON GEOSCIENCE
Consultant Prj. Mgr: Chris Dennis Prj. #: 30-0065-60
Consultant Phone #: 925-688-1200 Fax #: 925-688-0388
Location Code #: 04-1160T
PRCA/AFE/Release #: ____ WBS # Phase Code: 560
Site Address: 1024 Main St, Pleasanton State: CA
Sampler: Kevin Dolan
Mobil Engineer: Cherrie Fouten

Sample Identification	Date Collected	Time Collected	Matrix: Grab	Composite	Soil	Water (Potable / NPDES)	Oil / Air	Total Number of Containers	Analyses Requested: BTEX 8020 / 8021 + MTBE	TPH 8015 MOD GRO / DRO	NWTPH Gx / Dx	TPHAZ	Title 22 Metals	Lead 7420 / 7421	Remarks
RW-3	10/4	8:30				X		4	X	X					please confirm MTBE by 8260
RW-3	9/29					X		1						Hold	

Preservative Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, O = Other

Turnaround Time Requested (TAT) (please circle):
MOBIL STD. TAT | 72 hour | 48 hour | 24 hour | other ____ day

Data Package Options (please circle if requested)
QC Summary, Type I (Tier I), Type III (NJ Red. Del.), Type IV (CLP), Type VI (Raw Data), WIP, GLP, Other, Disk

SDG Complete? Yes / No

Site-specific QC required? Yes / No (If yes, indicate QC sample and submit triplicate volume.)

Internal Chain of Custody required? Yes / No

Relinquished by:	Date	Time	Received by:	Date	Time
Kevin Dolan	10/4/99	9:45		10/4/99	9:45
	10/4/99	11:00			

Relinquished by Commercial Carrier: UPS / FedEx / Other ____

Temperature Upon Receipt 4.0 °C

Received by: Jesse Zook — Date 10/5/99 Time 0850

Custody Seals Intact? Yes / No / N/A