



September 18, 2001

Project No. 30-0065

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

SEP 20 2001

Dear Mr. Seery:

Please find enclosed the Third Quarter 2001 Progress Report for the subject location, prepared by TRC for ExxonMobil Oil Corporation. 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

If you have questions regarding this report, please call me at (925)688-2473. You may also call Mr. Gene Ortega, ExxonMobil Environmental Engineer, at (925) 246-8747.

Sincerely,

Tracy L. Walker, RG
Associate

- cc: Mr. Gene Ortega, ExxonMobil Refining and Supply Company, Global Remediation—U.S. Retail Projects
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
Mr. Paul L. Hulme, Pleasanton on Main LLC

TRC

Quarterly Progress Report Summary Sheet
Third Quarter 2001

SEP 20 2001

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:		27-Jul-01
Number of ground water wells on-site:	16	Groundwater Wells monitored:	17	
Number of ground water wells off-site:	3	Groundwater Wells sampled:	9	
Phase of Investigation: Vadose Zone:	Post-Remediation Monitoring	Groundwater Wells with Free Product:	0	
		Groundwater Phase:	Post-Remediation Monitoring	
SITE HYDROGEOLOGY:				
Approximate depth to ground water below ground surface:				38.35 ft
Approximate elevation of potentiometric surface above Mean Sea Level:				309.66 ft
Average Increase/Decrease in ground water elevations since last sampling episode:		Decrease:	0.58 ft	
Approximate flow direction and hydraulic gradient:		East at:	0.29 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:	6	Volume of Free Product Recovered This Period:	0	
Number of wells with concentrations at or above MCL:	3	Volume of Free Product Recovered To Date:	0	
Nature of contamination	Gasoline	Range in Concentrations:	Benzene: ND<0.20 to 640 ppb TPH-G: ND<20 to 11,000 ppb	
GROUND WATER REMEDIATION PERFORMANCE				
Technology used: Pump & treat w/ air stripper		Date Started:		5-May-95
Volume of Groundwater Extracted This Quarter(gallons):	0	Number of Wells Extracting Ground Water:	N/A	
Total Volume of Groundwater Extracted (gallons):	3,854,430	Carbon Change:	N/A	
Operating days this quarter:	0			
Total operating days:	836			
System shutdown:	5/25/00			
VAPOR EXTRACTION PERFORMANCE				
Technology used: Blower & Carbon		Date Started:		4-Apr-95
Number of vapor wells onsite	9	Maximum Total Well Influent Concentration this quarter (ppmv)	0 ppmv	
Number of vapor extraction wells open:	5	Maximum Total Well + Stripper Influent Concentration this quarter (ppmv)	0 ppmv	
Operating Days this quarter:	0	Mass of hydrocarbons removed this quarter:	0 lbs.	
Total operating Days:	763	Volume of hydrocarbons removed this quarter:	0 gals.	
System shutdown:	5/25/00	Cumulative mass of hydrocarbons removed:	27,218 lbs.	
		Cumulative volume of hydrocarbons removed:	4,348 gals.	
		Operating Mode:	Blower & Carbon	
		Conversion Date (changeover to carbon):	6/30/98	
ADDITIONAL INFORMATION:				
gals = gallons				
lbs = pounds				
ppmv = parts per million per volume				
Groundwater samples were collected in accordance with the RWQCB guidelines for no-purge groundwater sampling.				
Mass of hydrocarbons recovered based on an average hydrocarbon density of 6.26 pounds per gallon.				

Prepared by: Tia L. Rutledge Tia Rutledge
Senior Staff Engineer

Project No: 30-0065

Approved by: Tracy L. Walker Tracy L. Walker, RG
California Registered Geologist No. 6808 Associate

Date Submitted: 09/18/01

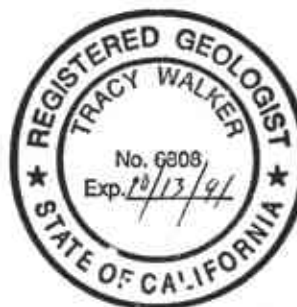


EXHIBIT 1
SAMPLING SCHEDULE

MONITORING WELL SAMPLING SCHEDULE 2001
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	X			
MW-11	X	X	X	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 CHEMICAL ANALYSIS

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-1	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 Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing	Product	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-	Total	MTBE	MTBE	Dissolved
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)					benzene (ppb)	Xylenes (ppb)	8020 (ppb)	8260 (ppb)	Oxygen (mg/L)
MW-1†	11/15/99	348.03	0.00	43.87	304.16	ND	—	ND	ND	ND	ND	ND	—	4.97
MW-1†	03/02/00	348.03	0.00	40.88	307.15	<50	—	<0.30	<0.30	<0.30	<0.60	<10	—	4.17
MW-1†	06/06/00	348.03	0.00	42.83	305.20	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	0.96
MW-1†	08/29/00	348.03	0.00	44.82	303.21	<50	—	<0.30	<0.30	<0.30	<0.60	<10	—	1.90
MW-1†	11/07/00	348.03	0.00	43.35	304.68	<20	—	0.25	<0.20	0.25	<0.60	<0.30	—	2.04
MW-1**	01/30/01	348.03	—	—	—	—	—	—	—	—	—	—	—	—
MW-1†	04/19/01	348.03	0.00	43.87	304.16	<20	—	<0.20	<0.20	0.28	<0.60	<0.30	—	2.65
MW-1†	07/27/01	348.03	0.00	43.96	304.07	<50	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	1.14
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	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)					
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				
MW-2†	11/15/99	348.45	0.00	43.71	304.74	8,800	—	ND<100	ND<50	86	140	49	ND<5	2.82				
MW-2†	03/02/00	348.45	0.00	40.90	307.55	11,000	—	250	180	220	1,200	<50	—	1.60				
MW-2†	06/06/00	348.45	0.00	42.68	305.77	8,400	—	290	68	250	100	<10	—	0.31				
MW-2†	08/29/00	348.45	0.00	44.98	303.47	14,000	—	170	86	440	250	<10	—	1.50				
MW-2†	11/07/00	348.45	0.00	43.46	304.99	18,000	—	120	43	250	150	110	<5	0.92				
MW-2†	01/30/01	348.45	0.00	44.73	303.72	18,000	—	220	74	690	240	<250	—	0.32				
MW-2†	04/19/01	348.45	0.00	43.95	304.50	19,000	—	150	37	440	80	<200	<5	1.26				
MW-2†	07/27/01	348.45	0.00	44.10	304.35	6,900	—	37	<20	220	20	<5.0	—	0.62				
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	—	—	—	—	—	—	—	—	—	—				

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-3	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
MW-3	11/15/99	347.97	0.00	20.40	327.57	—	—	—	—	—	—	—	—	1.32
MW-3	03/02/00	347.97	0.00	18.02	329.95	—	—	—	—	—	—	—	—	1.07
MW-3	06/06/00	347.97	0.00	18.33	329.64	—	—	—	—	—	—	—	—	0.92
MW-3	08/29/00	347.97	0.00	17.31	330.66	—	—	—	—	—	—	—	—	3.30
MW-3	11/07/00	347.97	0.00	17.67	330.30	—	—	—	—	—	—	—	—	0.95
MW-3	01/30/01	347.97	0.00	16.61	331.36	—	—	—	—	—	—	—	—	0.32
MW-3	04/19/01	347.97	0.00	16.52	331.45	—	—	—	—	—	—	—	—	3.10
MW-3	07/27/01	347.97	0.00	16.52	331.45	—	—	—	—	—	—	—	—	0.85
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	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing	Product	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-	Total	MTBE	MTBE	Dissolved
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)					benzene (ppb)	Xylenes (ppb)	8020 (ppb)	8260 (ppb)	Oxygen (mg/L)
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
MW-4†	11/15/99	348.07	0.00	44.15	303.92	ND	—	ND	ND	ND	ND	ND	—	2.87
MW-4†	03/02/00	348.07	0.00	41.08	306.99	240	—	10	0.69	<0.30	6.5	<10	—	3.02
MW-4†	06/06/00	348.07	0.00	43.09	304.98	<20	—	<0.20	0.26	<0.20	<0.60	<0.30	—	0.48
MW-4†	08/29/00	348.07	0.00	45.05	303.02	620	—	16	14	12	20	<10	—	0.20
MW-4†	11/07/00	348.07	0.00	43.65	304.42	410	—	10	5.2	7.7	51	<5.0	—	1.58
MW-4†	01/30/01	348.07	0.00	44.81	303.26	350	—	15	5.4	16	56	<1.0	—	0.74
MW-4†	04/19/01	348.07	0.00	44.10	303.97	330	—	12	3.4	11	50	<5.0	—	3.70
MW-4†	07/27/01	348.07	0.00	44.20	303.87	420	—	24	5.8	7.6	77	<0.30	—	0.59
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	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Product Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)					
MW-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-5	11/15/99	347.97	0.00	35.21	312.76	—	—	—	—	—	—	—	—	3.44
MW-5**	03/02/00	347.97	—	—	—	—	—	—	—	—	—	—	—	—
MW-5**	06/06/00	347.97	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	08/29/00	347.97	0.00	33.95	314.02	—	—	—	—	—	—	—	—	2.40
MW-5	11/07/00	347.97	0.00	33.99	313.98	—	—	—	—	—	—	—	—	0.91
MW-5	01/30/01	347.97	0.00	33.84	314.13	—	—	—	—	—	—	—	—	0.49

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing	Product	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-5	04/19/01	347.97	0.00	33.62	314.35	—	—	—	—	—	—	—	—	2.59
MW-5	07/27/01	347.97	0.00	33.65	314.32	—	—	—	—	—	—	—	—	2.40
MW-6	10/18/90	348.23	0.00	43.60	304.63	3,000	ND	1,300	150	120	85	—	—	—
MW-6	08/06/91	348.23	0.00	39.07	309.16	1,600	—	220	10	5.2	14	—	—	—
MW-6	01/08/92	348.23	0.00	39.18	309.05	370	—	81	3.9	4.5	2.9	—	—	—
MW-6	04/30/92	348.23	0.00	40.46	307.77	610	—	180	8.4	6.8	3.3	—	—	—
MW-6	07/31/92	348.23	0.00	43.61	304.62	96	—	1,500	1,500	370	1,100	—	—	—
MW-6	10/27/92	348.23	0.00	43.68	304.55	9,400	—	27	ND	6	10	—	—	—
MW-6	01/22/93	348.23	0.00	35.66	312.57	250	—	12	2.4	1.4	1.9	—	—	—
MW-6	04/05/93	348.23	0.00	34.41	313.82	190	—	2.3	0.99	ND	0.5	—	—	—
MW-6	07/06/93	348.23	0.00	36.01	312.22	99	—	1.4	0.54	ND	ND	—	—	—
MW-6	11/30/93	348.23	0.00	38.36	309.87	86	—	9.1	ND	ND	ND	—	—	—
MW-6	01/27/94	348.23	0.00	42.57	305.66	140	—	1.7	ND	ND	ND	—	—	—
MW-6	04/25/94	348.23	0.00	40.77	307.46	—	—	—	—	—	—	—	—	—
MW-6	04/26/94	348.23	—	—	—	330	—	40	ND	ND	ND	—	—	—
MW-6	07/08/94	348.23	0.00	41.82	306.41	170	—	8.8	9.2	3.5	12	—	—	—
MW-6	10/05/94	348.23	0.00	42.64	305.59	600	—	100	5.6	11	12	—	—	—
MW-6	02/21/95	348.23	0.01	35.55	312.69	—	—	—	—	—	—	—	—	—
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

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-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
MW-6†	11/15/99	348.23	0.00	44.65	303.58	ND	—	ND	ND	ND	ND	ND	—	3.17
MW-6†	03/02/00	348.23	0.00	41.50	306.73	<50	—	<0.30	<0.30	<0.30	<0.60	<10	—	3.12
MW-6†	06/06/00	348.23	0.00	44.48	303.75	58	—	<1.0	1.8	<0.20	<0.60	<0.30	—	1.48
MW-6†	08/29/00	348.23	0.00	45.43	302.80	150	—	<0.30	4.1	<0.30	0.64	<10	—	0.30
MW-6†	11/07/00	348.23	0.00	44.05	304.18	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	0.97
MW-6†	01/30/01	348.23	0.00	45.12	303.11	30	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	0.36
MW-6†	04/19/01	348.23	0.00	44.48	303.75	51	—	<0.20	0.32	0.66	1.2	<5.0	—	2.10
MW-6†	07/27/01	348.23	0.00	44.59	303.64	95	—	<1.0	<1.0	0.48	0.80	<1.0	—	0.45
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	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater					Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)						
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-7	11/15/99	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-7	03/02/00	347.90	0.00	18.10	329.80	—	—	—	—	—	—	—	—	—	—	—	—	1.73	
MW-7	06/06/00	347.90	0.00	24.19	323.71	—	—	—	—	—	—	—	—	—	—	—	—	0.73	
MW-7	08/29/00	347.90	0.00	19.40	328.50	—	—	—	—	—	—	—	—	—	—	—	—	1.10	
MW-7	11/07/00	347.90	0.00	20.20	327.70	—	—	—	—	—	—	—	—	—	—	—	—	1.05	
MW-7	01/30/01	347.90	0.00	18.77	329.13	—	—	—	—	—	—	—	—	—	—	—	—	0.31	
MW-7	04/19/01	347.90	0.00	17.26	330.64	—	—	—	—	—	—	—	—	—	—	—	—	2.57	
MW-7	07/27/01	347.90	0.00	18.98	328.92	—	—	—	—	—	—	—	—	—	—	—	—	0.97	
MW-8	10/18/90	348.90	0.00	11.30	337.60	900	ND	3	5	7	62	—	—	—	—	—	—		
MW-8	08/06/91	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	01/08/92	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	04/30/92	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	07/31/92	348.90	0.00	12.04	336.86	270*	—	ND	ND	ND	1.3	—	—	—	—	—	—		
MW-8	10/27/92	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	01/22/93	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	04/05/93	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	07/06/93	348.90	0.00	7.48	341.42	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	
MW-8	11/30/93	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	01/27/94	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	04/25/94	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	07/08/94	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	10/05/94	348.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	02/21/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	05/03/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	08/04/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW-8	11/10/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to 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)
		Elevation (feet)	Product Thickness (feet)	Water (feet)											
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-8	11/15/99	348.90	0.00	19.52	329.38	—	—	—	—	—	—	—	—	1.62	
MW-8	03/02/00	348.90	0.00	17.42	331.48	—	—	—	—	—	—	—	—	4.28	
MW-8	06/06/00	348.90	0.00	18.02	330.88	—	—	—	—	—	—	—	—	2.38	
MW-8	08/29/00	348.90	0.00	16.90	332.00	—	—	—	—	—	—	—	—	0.70	
MW-8	11/07/00	348.90	0.00	17.45	331.45	—	—	—	—	—	—	—	—	0.61	
MW-8	01/30/01	348.90	0.00	16.61	332.29	—	—	—	—	—	—	—	—	0.27	
MW-8	04/19/01	348.90	0.00	16.81	332.09	—	—	—	—	—	—	—	—	2.45	
MW-8	07/27/01	348.90	0.00	16.61	332.29	—	—	—	—	—	—	—	—	0.88	
MW-9	02/04/92	348.53	0.00	43.54	304.99	16,000	—	3,000	740	1,200	2,500	—	—	—	
MW-9	04/30/92	348.53	0.00	42.83	305.70	5,600	—	1,000	120	410	350	—	—	—	
MW-9	07/31/92	348.53	0.00	47.36	301.17	93	—	1,800	1,900	620	940	—	—	—	
MW-9	10/27/92	348.53	0.00	48.32	300.21	13,000	—	2,400	1,600	680	1,100	—	—	—	
MW-9	01/22/93	348.53	0.00	39.11	309.42	5,600	—	1,200	200	510	350	—	—	—	
MW-9	04/05/93	348.53	0.00	37.10	311.43	7,900	—	1,300	510	620	670	—	—	—	
MW-9	07/06/93	348.53	0.00	39.21	309.32	3,200	—	510	46	170	150	—	—	—	
MW-9	11/30/93	348.53	0.00	40.58	307.95	2,800	—	610	28	220	65	—	—	—	
MW-9	01/27/94	348.53	0.00	44.32	304.21	11,000	—	1,400	130	230	700	—	—	—	
MW-9	04/25/94	348.53	0.00	43.05	305.48	—	—	—	—	—	—	—	—	—	
MW-9	04/26/94	348.53	—	—	—	3,900	—	460	56	160	220	—	—	—	

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-9 (Abandoned 08/01/94)	07/08/94	348.53	0.00	45.72	302.81	2,600	—	340	82	96	220	—	—	—
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
MW-10	09/16/99	347.95	0.00	43.82	304.13	—	—	—	—	—	—	—	—	3.17
MW-10	11/15/99	347.95	0.00	42.35	305.60	—	—	—	—	—	—	—	—	2.86
MW-10	03/02/00	347.95	0.00	41.20	306.75	—	—	—	—	—	—	—	—	4.57
MW-10	06/06/00	347.95	0.00	43.15	304.80	—	—	—	—	—	—	—	—	3.02
MW-10	08/29/00	347.95	0.00	45.17	302.78	—	—	—	—	—	—	—	—	3.10
MW-10	11/07/00	347.95	0.00	43.71	304.24	—	—	—	—	—	—	—	—	5.74
MW-10†	01/30/01	347.95	0.00	44.77	303.18	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	0.68
MW-10	04/19/01	347.95	0.00	44.16	303.79	—	—	—	—	—	—	—	—	2.68

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Product Thickness (feet)	Water (feet)	Elevation (feet)									
MW-10	07/27/01	347.95	0.00	44.26	303.69	—	—	—	—	—	—	—	—	3.60
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-11**	11/15/99	347.56	—	—	—	—	—	—	—	—	—	—	—	—
MW-11	03/02/00	347.56	—	Dry	—	—	—	—	—	—	—	—	—	—
MW-11	06/06/00	347.56	0.00	44.06	303.50	—	—	—	—	—	—	—	—	4.98
MW-11**	08/29/00	347.56	—	—	—	—	—	—	—	—	—	—	—	—
MW-11**	11/07/00	347.56	—	—	—	—	—	—	—	—	—	—	—	—
MW-11**	01/30/01	347.56	—	—	—	—	—	—	—	—	—	—	—	—
MW-11	02/16/01	347.56	—	—	—	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	—
MW-11	04/19/01	347.56	0.00	39.14	308.42	—	—	—	—	—	—	—	—	2.98

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-11†	07/27/01	347.56	0.00	43.82	303.74	<50	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	0.37
MW-12	11/30/93	347.15	0.00	37.97	309.18	55	—	1.8	4.3	2.5	11	—	—	—
MW-12	01/27/94	347.15	0.00	44.02	303.13	ND	—	ND	ND	ND	ND	—	—	—
MW-12	04/25/94	347.15	0.00	42.27	304.88	—	—	—	—	—	—	—	—	—
MW-12	04/26/94	347.15	—	—	—	ND	—	ND	ND	ND	1.4	—	—	—
MW-12	07/08/94	347.15	0.00	43.26	303.89	53	—	8.4	7.4	1.9	7.1	—	—	—
MW-12	10/05/94	347.15	0.00	44.32	302.83	350	—	27	56	13	67	—	—	—
MW-12	02/21/95	347.15	0.00	37.83	309.32	ND	—	4.0	4.0	0.77	3.6	—	—	—
MW-12	05/03/95	347.15	0.00	37.24	309.91	ND	—	ND	ND	ND	ND	—	—	—
MW-12	08/04/95	347.15	0.00	39.07	308.08	ND	—	ND	ND	ND	ND	ND	—	—
MW-12	11/10/95	347.15	0.00	41.24	305.91	ND	—	ND	ND	ND	ND	—	—	—
MW-12	02/12/96	347.15	0.00	38.19	308.96	ND	—	ND	2.1	ND	1.3	2.5	—	—
MW-12**	05/17/96	347.15	—	—	—	—	—	—	—	—	—	—	—	—
MW-12	08/12/96	347.15	0.00	40.32	306.83	ND	—	ND	ND	ND	ND	ND	—	—
MW-12	11/08/96	347.15	0.00	41.32	305.83	ND	—	ND	ND	ND	ND	ND	—	—
MW-12	02/12/97	347.15	0.00	35.98	311.17	—	—	—	—	—	—	—	—	—
MW-12†	03/17/97	347.15	0.00	38.67	308.48	ND	—	ND	ND	ND	ND	ND	—	—
MW-12†	05/13/97	347.15	0.00	39.68	307.47	ND	—	ND	ND	ND	ND	ND	—	—
MW-12†	08/12/97	347.15	0.00	42.81	304.34	ND	—	ND	ND	ND	ND	ND	—	—
MW-12†	10/31/97	347.15	0.00	43.28	303.87	ND	—	ND	ND	ND	ND	ND	—	—
MW-12†	01/21/98	347.15	0.00	43.10	304.05	ND	—	ND	ND	ND	ND	ND	—	—
MW-12†	04/24/98	347.15	0.00	38.23	308.92	ND	—	ND	ND	ND	ND	ND	—	2.80
MW-12†	07/20/98	347.15	0.00	41.09	306.06	ND	—	ND	ND	ND	ND	ND	—	—
MW-12†	10/21/98	347.15	0.00	44.23	302.92	ND	—	ND	ND	ND	ND	ND	—	4.87
MW-12**	02/22/99	347.15	0.00	—	—	—	—	—	—	—	—	—	—	—
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
MW-12**	11/15/99	347.15	0.00	—	—	—	—	—	—	—	—	—	—	—
MW-12†	03/02/00	347.15	0.00	43.93	303.22	<50	—	<0.30	<0.30	<0.30	<0.60	<10	—	3.46
MW-12	06/06/00	347.15	0.00	44.93	302.22	—	—	—	—	—	—	—	—	5.03
MW-12	08/29/00	347.15	0.00	48.06	299.09	—	—	—	—	—	—	—	—	1.70
MW-12	11/07/00	347.15	0.00	47.77	299.38	—	—	—	—	—	—	—	—	1.04
MW-12†	01/30/01	347.15	0.00	48.85	298.30	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	0.31
MW-12	04/19/01	347.15	0.00	47.09	300.06	—	—	—	—	—	—	—	—	3.14
MW-12	07/27/01	347.15	0.00	47.52	299.63	—	—	—	—	—	—	—	—	0.29

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing	Product	Depth to Groundwater		Ethyl- Total MTBE MTBE Dissolved								
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	8020 (ppb)	8260 (ppb)	Oxygen (mg/L)
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	—	—	—	—	—	—	—	—	—	—	—	—
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-1	11/15/99	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-1	03/02/00	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-1	06/06/00	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-1	08/29/00	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-1	11/07/00	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-1	01/30/01	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-1	04/19/01	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-1	07/27/01	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-2	11/30/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to 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)
		Elevation (feet)	Product Thickness (feet)	Water (feet)											
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-2	11/15/99	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	
VMW-2**	03/02/00	347.90	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-2	06/06/00	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	
VMW-2	08/29/00	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	
VMW-2	11/07/00	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	
VMW-2	01/30/01	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	
VMW-2	04/19/01	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	
VMW-2	07/27/01	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	
VMW-3	11/30/93	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—	
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	—	—	—	—	—	—	—	—	—	—	

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)									
VMW-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-3	11/15/99	348.10	0.00	31.21	316.89	—	—	—	—	—	—	—	—	—	—	—	1.71	
VMW-3	03/02/00	348.10	0.00	31.14	316.96	—	—	—	—	—	—	—	—	—	—	—	5.93	
VMW-3	06/06/00	348.10	0.00	31.18	316.92	—	—	—	—	—	—	—	—	—	—	—	1.11	
VMW-3	08/29/00	348.10	0.00	31.20	316.90	—	—	—	—	—	—	—	—	—	—	—	0.40	
VMW-3	11/07/00	348.10	0.00	31.20	316.90	—	—	—	—	—	—	—	—	—	—	—	2.02	
VMW-3	01/30/01	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-3	04/19/01	348.10	0.00	31.16	316.94	—	—	—	—	—	—	—	—	—	—	—	2.39	
VMW-3	07/27/01	348.10	0.00	31.29	316.81	—	—	—	—	—	—	—	—	—	—	—	0.71	
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	—	—	—	—	—	—	—	—	—	—	—	—	—	

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing	Product	Depth to	Groundwater									
		Elevation (feet)	Thickness (feet)	Water (feet)	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	11/10/95	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	02/12/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	05/17/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	08/12/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	11/08/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	02/12/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	03/17/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	05/13/97	347.95	—	—	—	—	—	—	—	—	—	—	—	—
VMW-4	08/12/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—
VMW-4	11/15/99	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	03/02/00	347.95	0.00	10.13	337.82	—	—	—	—	—	—	—	—	2.49
VMW-4	06/06/00	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	08/29/00	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	11/07/00	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	01/30/01	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	04/19/01	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—
VMW-4	07/27/01	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	—	—

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				Ethyl- Total MTBE MTBE Dissolved								
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	8020 (ppb)	8260 (ppb)	Oxygen (mg/L)
RW-1	05/17/96	347.89	0.00	47.53	300.36	81,000	—	2,700	8,600	1,100	6,300	ND	—	—
RW-1	08/12/96	347.89	0.00	39.75	308.14	140,000	—	12,000	25,000	2,200	15,000	ND	—	—
RW-1	11/08/96	347.89	—	—	—	81,000	—	5,300	11,000	1,300	8,900	ND	—	—
RW-1	02/12/97	347.89	0.00	46.50	301.39	—	—	—	—	—	—	—	—	—
RW-1†	03/17/97	347.89	0.00	49.30	298.59	38,000	—	3,600	12,000	710	7,400	ND	—	—
RW-1†	05/13/97	347.89	0.00	37.86	310.03	130,000	—	7,300	20,000	1,500	12,000	ND	—	—
RW-1†	08/12/97	347.89	0.00	40.77	307.12	72,000	—	9,200	19,000	1,300	7,000	1,000	ND	—
RW-1†	10/31/97	347.89	0.00	47.54	300.35	45,000	—	4,500	11,000	530	6,800	630	ND	—
RW-1†	01/21/98	347.89	0.00	46.71	301.18	23,000	—	570	1,300	120	2,500	ND	ND	—
RW-1†	04/24/98	347.89	0.00	—	—	28,000	—	1,300	3,400	250	4,000	ND	—	—
RW-1†	07/20/98	347.89	0.00	45.54	302.35	21,000	—	1,400	3,500	530	2,700	ND	ND	1.60
RW-1†	10/21/98	347.89	0.00	42.41	305.48	35,000	—	3,500	5,700	660	4,100	ND	25	5.41
RW-1†	02/22/99	347.89	0.00	41.25	306.64	28,000	—	1,100	1,700	220	3,000	ND	ND	5.01
RW-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-1†	11/15/99	347.89	0.00	43.28	304.61	11,000	—	66	98	29	1,000	34	—	1.64
RW-1†	03/02/00	347.89	0.00	41.02	306.87	26,000	—	870	1,500	490	3,000	120	<10	3.48
RW-1	06/06/00	347.89	—	Dry	—	—	—	—	—	—	—	—	—	—
RW-1†	08/29/00	347.89	0.00	45.10	302.79	11,000	—	480	250	380	720	<10	—	3.00
RW-1†	11/07/00	347.89	0.00	43.63	304.26	16,000	—	590	230	350	980	<100	—	2.19
RW-1†	01/30/01	347.89	0.00	44.81	303.08	9,900	—	390	89	340	240	<100	—	0.67
RW-1†	04/19/01	347.89	0.00	44.02	303.87	10,000	—	600	130	350	440	<100	<7	1.31
RW-1†	07/27/01	347.89	0.00	44.15	303.74	11,000	—	640	200	280	640	<5.0	—	0.59
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	—	—

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)									
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-2†	11/15/99	347.82	0.00	49.44	298.38	ND	—	ND	ND	ND	ND	ND	—	1.78				
RW-2†	03/02/00	347.82	0.00	45.70	302.12	180	—	<1.0	<1.0	<1.0	<0.60	<10	—	3.49				
RW-2†	06/06/00	347.82	0.00	45.62	302.20	250	—	7.2	6.9	5.1	24	<0.30	—	1.73				
RW-2†	08/29/00	347.82	0.00	50.69	297.13	<50	—	0.38	1.0	<0.30	<0.60	<10	—	0.90				
RW-2†	11/07/00	347.82	0.00	48.40	299.42	<20	—	0.32	0.32	0.22	<0.60	<0.30	—	1.32				
RW-2†	01/30/01	347.82	0.00	50.37	297.45	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	0.62				
RW-2†	04/19/01	347.82	0.00	48.06	299.76	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	2.30				
RW-2†	07/27/01	347.82	0.00	48.82	299.00	<50	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	0.56				
RW-3	10/05/94	347.92	0.00	44.66	303.26	1,600	—	120	180	26	170	—	—	—				
RW-3	02/21/95	347.92	0.00	39.85	308.07	620	—	67	30	12	48	—	—	—				
RW-3	05/03/95	347.92	0.00	40.12	307.80	780	—	31	28	6.0	40	—	—	—				
RW-3	08/04/95	347.92	0.00	41.84	306.08	190	—	37	14	ND	19	8.1	—	—				
RW-3	11/10/95	347.92	0.00	44.45	303.47	160	—	19	5.0	ND	4.4	—	—	—				
RW-3	02/12/96	347.92	0.00	42.62	305.30	ND	—	0.78	2.0	ND	2.0	1.4	—	—				
RW-3	05/17/96	347.92	0.00	48.90	299.02	52	—	2.8	0.5	ND	ND	3.6	—	—				
RW-3	08/12/96	347.92	0.00	43.71	304.21	ND	—	0.87	ND	ND	ND	ND	—	—				
RW-3	11/08/96	347.92	—	—	—	110	—	28	3.3	1.2	4.5	ND	—	—				
RW-3	02/12/97	347.92	0.00	48.82	299.10	—	—	—	—	—	—	—	—	—				
RW-3†	03/17/97	347.92	0.00	51.61	296.31	ND	—	ND	ND	ND	ND	ND	—	—				
RW-3†	05/13/97	347.92	0.00	38.22	309.70	960	—	180	190	6.8	79	ND	—	—				
RW-3†	08/12/97	347.92	0.00	44.15	303.77	160	—	20	11	2.1	17	4.8	—	—				
RW-3†	10/31/97	347.92	0.00	48.18	299.74	330	—	11	14	4.4	32	10	—	—				
RW-3†	01/21/98	347.92	0.00	46.31	301.61	50	—	1.4	0.9	0.4	2.1	ND	—	—				
RW-3†	04/24/98	347.92	—	—	—	ND	—	ND	ND	ND	ND	ND	—	—				
RW-3†	07/20/98	347.92	0.00	46.81	301.11	80	—	0.6	1.0	ND	ND	ND	—	2.87				
RW-3	10/21/98	347.92	—	Dry	—	—	—	—	—	—	—	—	—	—				

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Depth to Groundwater				Ethyl- benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Product Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)					
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-3†	11/15/99	347.92	0.00	48.32	299.60	93	—	ND	ND	1.2	3.3	ND	—	3.88
RW-3†	03/02/00	347.92	0.00	47.60	300.32	<50	—	<0.30	<0.30	<0.30	<0.60	<10	—	2.22
RW-3†	06/06/00	347.92	0.00	45.58	302.34	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	6.83
RW-3†	08/29/00	347.92	0.00	47.72	300.20	<50	—	<0.30	0.47	<0.30	<0.60	<10	—	0.30
RW-3†	11/07/00	347.92	0.00	47.18	300.74	<20	—	<0.20	<0.20	<0.20	<0.60	1.8	—	1.78
RW-3†	01/30/01	347.92	0.00	47.72	300.20	33	—	<0.20	<0.20	<0.20	<0.60	4.3	<5	0.80
RW-3†	04/19/01	347.92	0.00	45.73	302.19	<20	—	<0.20	<0.20	0.34	<0.60	0.33	—	3.15
RW-3†	07/27/01	347.92	0.00	46.61	301.31	<50	—	<0.20	<0.20	<0.20	<0.60	1.3	<2	0.81
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-4†	11/15/99	348.29	0.00	44.60	303.69	ND	—	ND	ND	ND	ND	ND	—	2.20

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
RW-4†	03/02/00	348.29	0.00	41.48	306.81	<50	—	<0.30	<0.30	<0.30	<0.60	<10	—	2.18
RW-4†	06/06/00	348.29	0.00	43.41	304.88	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	1.63
RW-4†	08/29/00	348.29	0.00	45.38	302.91	<50	—	<0.30	<0.30	<0.30	<0.60	<10	—	1.20
RW-4†	11/07/00	348.29	0.00	43.99	304.30	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	1.68
RW-4†	01/30/01	348.29	0.00	45.12	303.17	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	0.74
RW-4†	04/19/01	348.29	0.00	44.42	303.87	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	3.47
RW-4†	07/27/01	348.29	0.00	44.54	303.75	<50	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	4.35

FORMER UNOCAL STATION #0543 WELLS

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

Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Depth to Groundwater				Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Product Thickness (feet)	Water (feet)	Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)					
MW-2#	07/06/93	349.83	0.00	37.82	312.01	4,700	—	17	15	30	28	—	—	—
MW-2#	11/30/93	349.51	—	—	—	—	—	—	—	—	—	—	—	—
MW-2#	01/27/94	349.51	0.00	43.15	306.36	1,500	—	28	9.0	ND	20	—	—	—
MW-2#	04/25/94	349.51	0.00	41.90	307.61	1,100	—	19	1.7	2.5	8.8	—	—	—
MW-2#	07/08/94	349.51	0.00	42.75	306.76	1,100	—	17	ND	ND	6	—	—	—
MW-2#	10/05/94	349.51	0.00	43.50	306.01	240	—	4.7	2.5	0.52	2.6	—	—	—
MW-2#	01/04/95	349.51	0.00	44.75	304.76	2,000	—	23	ND	ND	ND	—	—	—
MW-2#	05/03/95	349.51	0.00	36.98	312.53	—	—	—	—	—	—	—	—	—
MW-2#	08/04/95	349.51	0.00	39.15	310.36	2,000	—	40	ND	17	43	—	—	—
MW-2#	11/10/95	349.51	0.00	41.45	308.06	1,400	—	13	2.8	2.7	4.0	—	—	—
MW-2#	02/12/96	349.51	0.00	38.11	311.40	3,200	—	66	9.2	27	35	ND	—	—
MW-2#	08/19/96	349.51	0.00	40.39	309.12	—	—	—	—	—	—	—	—	—
MW-2#	02/12/97	349.51	0.00	36.37	313.14	—	—	—	—	—	—	—	—	—
MW-3#	12/16/92	351.35	—	—	—	ND	—	ND	ND	ND	ND	—	—	—
MW-3#	02/02/93	351.35	0.00	40.62	310.73	—	—	—	—	—	—	—	—	—
MW-3#	03/01/93	351.35	0.00	35.70	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	—	—	—

Summary of Groundwater Monitoring and Chemical Analysis

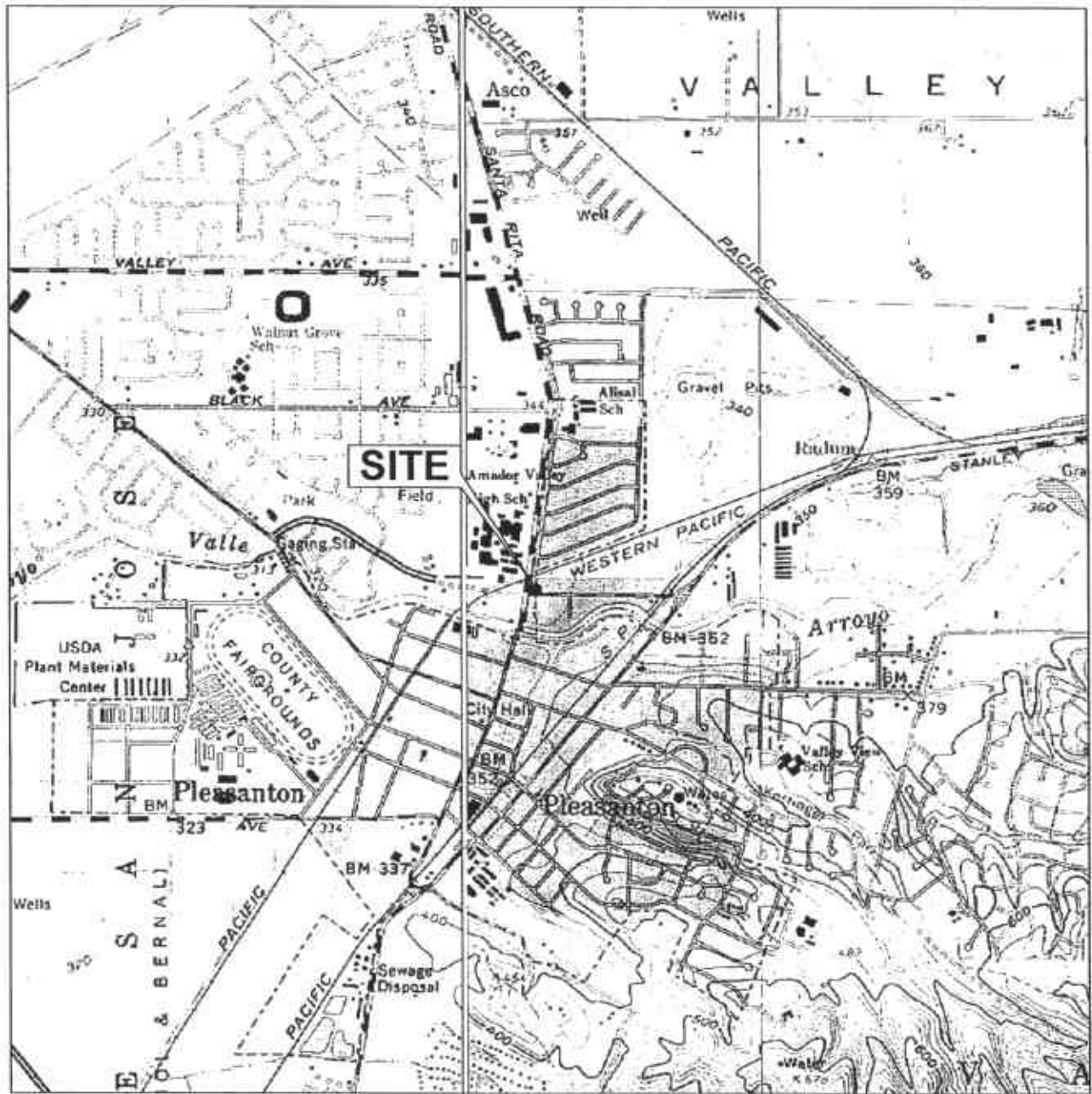
Former Mobil Station 04-H6J

Sample ID	Date	Casing Product Depth to Groundwater				TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Thickness (feet)	Water (feet)	Elevation (feet)									
MW-4#	07/08/94	350.14	0.00	43.20	306.94	ND	—	ND	ND	ND	ND	—	—	—
MW-4#	10/05/94	350.14	0.00	43.97	306.17	ND	—	ND	ND	ND	ND	—	—	—
MW-4#	01/04/95	350.14	0.00	44.96	305.18	ND	—	ND	ND	ND	ND	—	—	—
MW-4#	05/03/95	350.14	0.00	36.06	314.08	—	—	—	—	—	—	—	—	—
MW-4#	08/04/95	350.14	0.00	38.10	312.04	63	—	0.77	1.1	1.9	15	—	—	—
MW-4#	11/10/95	350.14	0.00	40.61	309.53	—	—	—	—	—	—	—	—	—
MW-4#	02/12/96	350.14	0.00	37.24	312.90	ND	—	ND	0.98	ND	0.67	—	—	—
MW-4#	08/19/96	350.14	0.00	39.08	311.06	—	—	—	—	—	—	—	—	—
MW-4#	02/12/97	350.14	0.00	35.51	314.63	—	—	—	—	—	—	—	—	—
MW-5#	01/27/94	349.33	0.00	44.76	304.57	320	—	1.8	1.3	2.6	4.5	—	—	—
MW-5#	04/25/94	349.33	0.00	44.30	305.03	160	—	ND	1.9	1.4	1.9	—	—	—
MW-5#	07/08/94	349.33	0.00	45.17	304.16	120	—	ND	ND	1.1	1.8	—	—	—
MW-5#	10/05/94	349.33	0.00	46.07	303.26	83	—	0.73	0.90	ND	3.0	—	—	—
MW-5#	01/04/95	349.33	0.00	46.38	302.95	210	—	ND	0.74	ND	0.90	—	—	—
MW-5#	05/03/95	349.33	0.00	36.64	312.69	580	—	6.9	1.5	1.6	1.7	—	—	—
MW-5#	08/04/95	349.33	0.00	39.00	310.33	550	—	5.4	0.76	1.2	11	—	—	—
MW-5#	11/10/95	349.33	0.00	42.59	306.74	300	—	0.99	1.2	0.98	0.58	—	—	—
MW-5#	02/12/96	349.33	0.00	37.25	312.08	420	—	8.2	2.1	1.7	1.2	—	—	—
MW-5#	08/19/96	349.33	0.00	39.90	309.43	—	—	—	—	—	—	—	—	—
MW-5#	02/12/97	349.33	0.00	35.93	313.40	—	—	—	—	—	—	—	—	—

NOTES:

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

* = reported by laboratory as non-gasoline mixture
 ** = well inaccessible
 *** = insufficient amount of water for sample collection
 # = wells installed by Kaprealian Engineering at former Unocal Station #0543; resurveyed by Kier & Wright Civil Engineers & Surveyors, Inc. on 9/20/93.
 † = sampled using no-purge method
 ^ = Due to an anomalous analytical result on 9/16/99, RW-3 was resampled on 10/4/99.



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

SCALE 1 : 24,000



QUADRANGLE
LOCATION

SOURCE:
United States Geological Survey
7.5 Minute Topographic Maps:
Dublin and Livermore Quadrangles

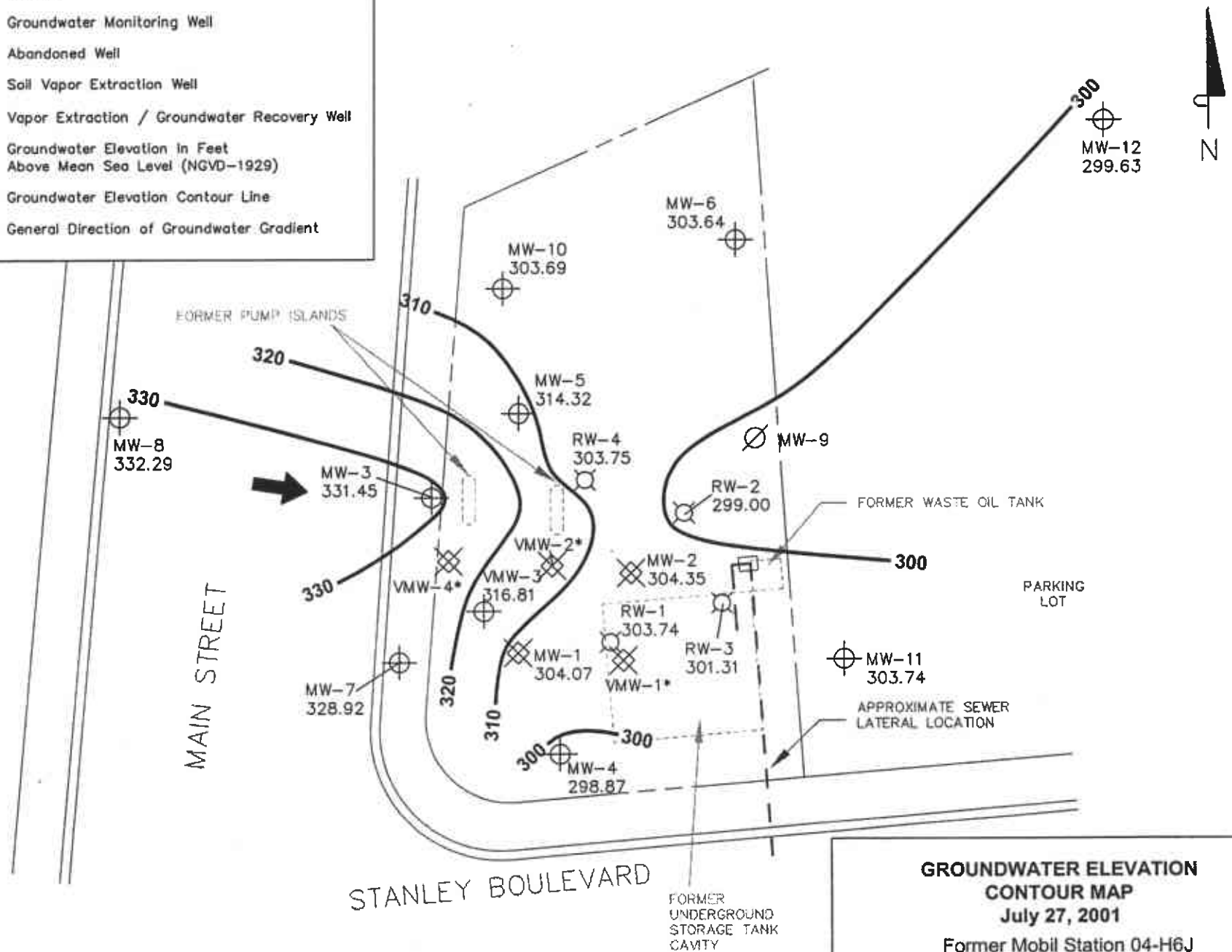
VICINITY MAP

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

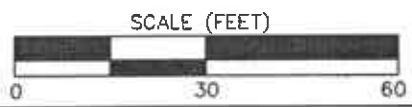
TRC

FIGURE 1

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



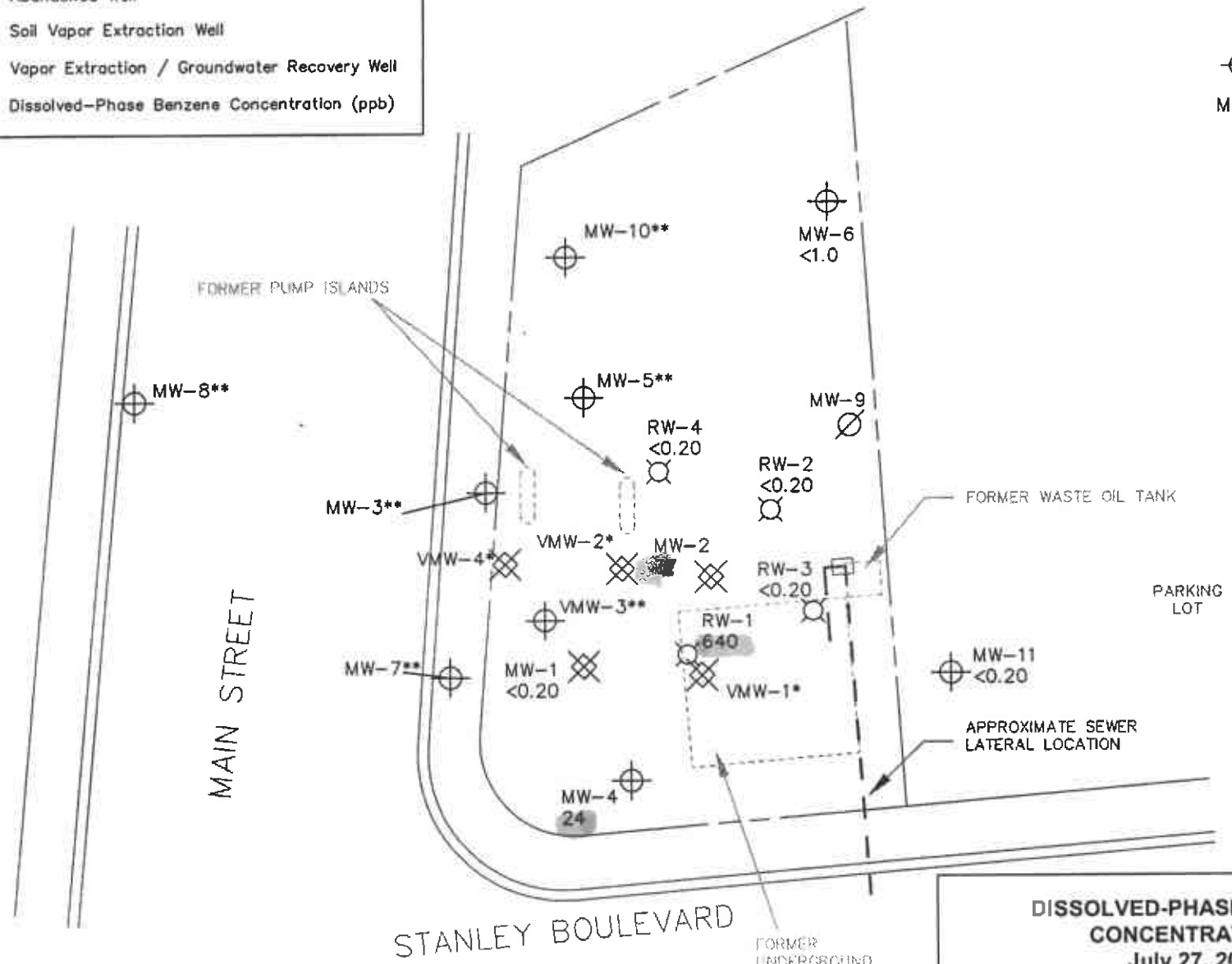
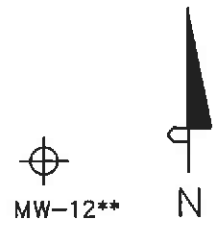
NOTES:
 Contour lines are interpretive based on fluid-level measurements collected July 27, 2001. Contour interval = 10 feet. * = dry well.



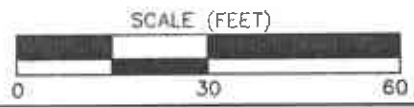
**GROUNDWATER ELEVATION
 CONTOUR MAP**
 July 27, 2001
 Former Mobil Station 04-H6J
 1024 Main Street
 Pleasanton, California

TRC	FIGURE 2
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LEGEND	
MW-10	⊕ Groundwater Monitoring Well
MW-9	⊘ Abandoned Well
VMW-4	⊗ Soil Vapor Extraction Well
RW-3	⊙ Vapor Extraction / Groundwater Recovery Well
<0.20	Dissolved-Phase Benzene Concentration (ppb)



NOTES:
 Results are based on laboratory analysis of groundwater samples collected July 27, 2001. ppb = parts per billion; < = not detected at or above the stated method detection limit. * = dry well; ** = well not scheduled for sampling.



DISSOLVED-PHASE BENZENE CONCENTRATIONS
 July 27, 2001

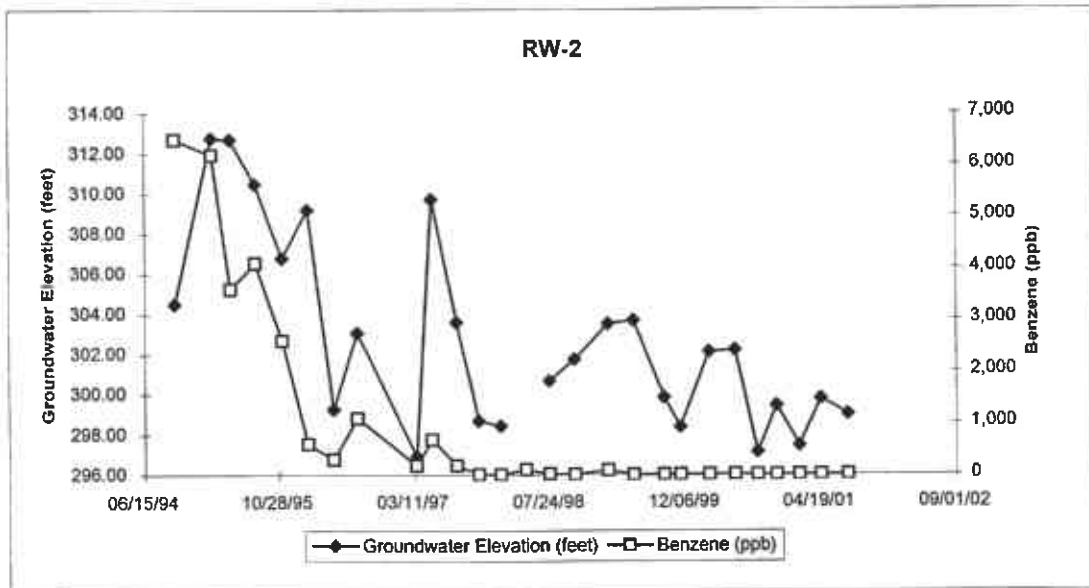
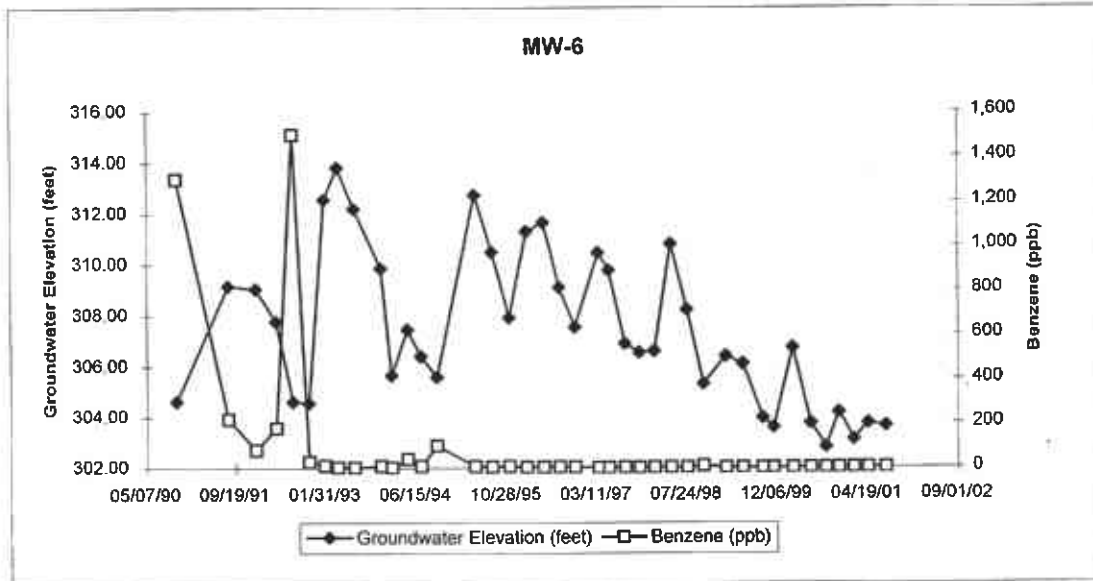
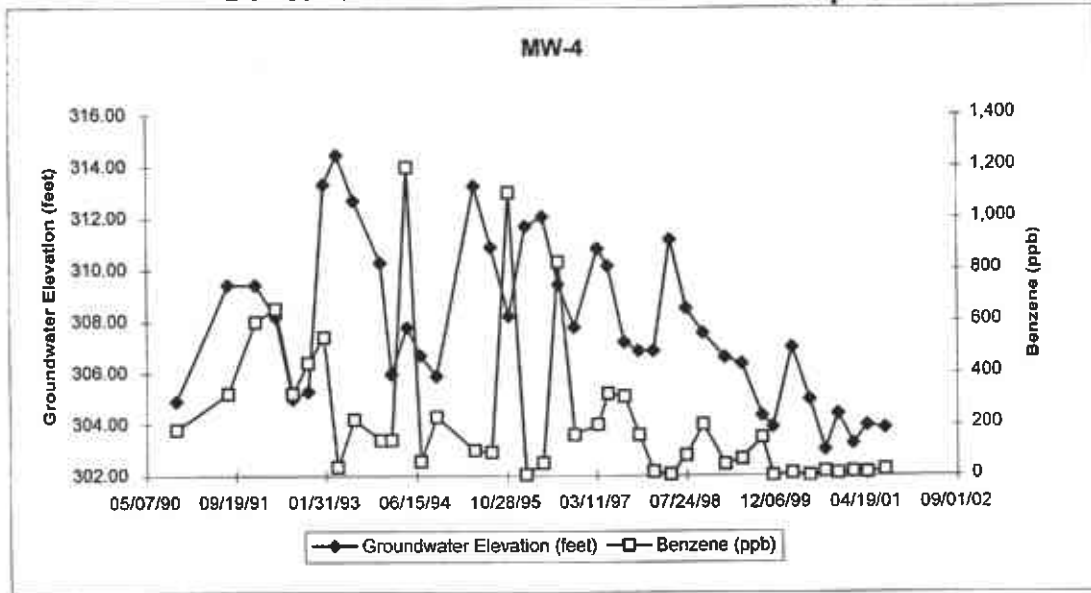
Former Mobil Station 04-H6J
 1024 Main Street
 Pleasanton, California

TRC	FIGURE 3
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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

Table 1
Vapor Extraction System Monitoring Information
Former Mobil Station 04-H6J, Pleasanton

Date (m/d/yy)	Operation Time			INFLUENT						EFFLUENT					RECOVERY DATA			
	Hour Meter	Operating	Up-Time	Total Flow	System	Temp.	Wellhead	Wellhead + Air Stripper		TPH-G Conc.		Benzene Conc.	Mass	Mass	Temp.	HC Recovery	Cumulative	Destruction
	Reading	Time	Per Period	Rate*	Vacuum	(deg F)	TPH-G	(ppmv)		(ppmv)		(ppmv)	Emission	Emission	(deg F)	Per Period	HC Recovery	Efficiency
	(hours)	(hours)	(%)	(scfm)	(in. H ₂ O)		(ppmv)	Field	Lab	Field	Lab	Lab	(lbs/day)	(lbs/day)		(gallons)	(gallons)	(%)
4/4/95	11	0	0%	175	57	600	10,480	10,480	11,000	0	<1.2	0.030	0.0809	0.0015	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	188	100%	678	100	601	1,010	310		0					701	116.4	2313.9	
5/25/95	1080	144	100%	530	100	600	840	210		0					675	60.0	2374.0	
6/1/95	1248	168	100%	535	97	598	870	270		0					683	57.0	2431.0	
6/8/95	1415	167	99%	530	100	599	700	150	280	0	<1.2	<0.016	0.2450	0.0024	658	49.6	2480.6	99.6
6/16/95	1607	192	100%	545	100	600	400	190		0					648	46.6	2527.2	
6/23/95	1664	57	34%	540	98	601	520	180		0					647	15.2	2542.3	
6/28/95	1695	31	26%	545	94	600	820	350		0					641	11.8	2554.2	
7/7/95	1907	212	98%	545	90	601	320	140		0					635	75.2	2629.3	
7/13/95	2055	148	103%	432	88	606	300	150		0					611	27.8	2657.2	
7/18/95	2106	51	43%	471	74	599	650	230	320	0	2.1	0.044	0.3810	0.0059	648	11.6	2668.8	99.3
7/28/95	2300	194	81%	432	84	NA	430	200		0					NA	50.0	2718.8	
8/4/95	2303	3	2%	452	83	NA	690	270		0					NA	0.8	2719.6	
8/11/95	2406	103	31%	589	68	NA	430	250		0					NA	37.0	2756.6	
8/18/95	2440	34	20%	353	66	NA	480	240		0					NA	10.4	2767.1	
8/28/95	2494	54	23%	432	62	600	730	290	370	0	<2.6	<0.016	0.4326	0.0020	679	14.9	2782.0	99.3
9/1/95	2520	26	27%	441	69	629	190	300		0					678	8.9	2790.9	
9/6/95	2524	4	3%	545	78	600	660	420	280	0	<2.3	0.029	0.4828	0.0045	693	1.9	2792.8	99.2
9/14/95	2528	4	2%	354	54	600	670	410		0					657	2.0	2794.7	
9/22/95	2625	97	51%	265	130	600	3,450	380		0					755	31.5	2826.2	
9/29/95	2742	117	70%	334	115	600	3,200	360		0					679	34.4	2860.7	
10/5/95	2771	29	20%	334	115	600	3,100	330		0					682	8.9	2869.5	
10/12/95	2780	9	5%	324	100	600	2,310	300	320	0	<2.3	<0.016	0.2870	0.0015	712	2.5	2872.0	99.3
11/10/95	2798	18	3%	324	100	600	2,310	300		0					712	4.6	2876.7	
11/17/95	2839	41	24%	393	82	600	3,360	390	300	0	<2.3	<0.016	0.3482	0.0018	684	13.5	2890.1	99.2
11/20/95	2910	71	99%	700	88	600	2,100	140		0					601	27.3	2917.4	
11/27/95	3045	135	80%	700	88	587	830	100		0					603	30.1	2947.5	
12/4/95	3213	168	100%	545	86	602	2,200	260	230	0	<2.3	<0.016	0.4828	0.0025	643	50.0	2997.5	99.0
12/14/95	3383	170	71%	700	92	601	1,650	290		0					612	77.3	3074.8	
12/21/95	3551	168	100%	700	94	600	1,150	150		0					608	68.7	3143.5	
12/29/95	3656	105	55%	700	90	598	890	140		0					605	28.3	3171.8	
1/5/96	3826	170	101%	692	91	597	630	220		0					600	56.6	3228.4	
1/8/96	3897	71	99%	361	105	600	1,120	340	210	0	<2.3	<0.016	0.3198	0.0017	638	27.8	3256.2	98.9
1/18/96	4132	235	98%	393	107	600	950	280		0					643	72.9	3329.1	
2/2/96	4484	352	98%	353	105	600	720	220		0					630	87.2	3416.2	
2/7/96	4602	118	98%	353	105	599	560	120	130	0	<2.3	0.024	0.3127	0.0016	613	18.8	3435.0	98.2
2/12/96	4724	122	102%	353	105	600	630	160		0					602	16.0	3451.1	
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	5678	17	4%	545	90	577	190	90		0					600	1.5	3516.3	
5/2/96	5942	263	46%	160	96	600	140	30		0					607	14.8	3531.0	
5/14/96	6159	217	75%	272	95	581	130	60	180	0	18	0.038	0.2410	0.0012	602	5.6	3536.6	98.7
5/27/96	6430	271	87%	254	90	598	140	50		0					601	10.4	3547.1	
6/14/96	6508	78	18%	286	90	592	220	110	130	0	5.4	0.019	0.2534	0.0013	604	4.5	3551.5	98.2
6/25/96	6521	13	5%	282	90	601	170	130		0					605	1.2	3552.7	
7/8/96	6598	77	25%	147	90	599	140	110	166	0	<2.4	<0.016	0.1302	0.0007	601	5.3	3558.0	98.6

Table 1
Vapor Extraction System Monitoring Information
Former Mobil Station 04-H6J, Pleasanton

Date (m/d/yy)	Operation Time			INFLUENT						EFFLUENT					RECOVERY DATA					
	Hour Meter	Operating	Up-Time	Total Flow	System	Temp.	Weihead	Wellhead + Air Stripper		TPH-G Conc.		Benzene Conc.	Mass	Mass	Temp.	HC Recovery	Cumulative	Destruction		
	Reading	Time	Per Period	Rate*	Vacuum	(deg F)	TPH-G			(ppmv)		(ppmv)	Emission	Emission	(deg F)	Per Period	HC Recovery	Efficiency		
	(hours)	(hours)	(%)	(scfm)	(in. H ₂ O)		Conc.	Field	Lab	Field	Lab	Lab	(lbs/day)	(lbs/day)		(gallons)	(gallons)	(%)		
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		
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		
12/15/97	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		

Table 1
Vapor Extraction System Monitoring Information
Former Mobil Station 04-H6J, Pleasanton

Date (m/d/yy)	Operation Time			INFLUENT						EFFLUENT					RECOVERY DATA				
	Hour Meter Reading	Operating Time	Up-Time Per Period	Total Flow Rate*	System Vacuum	Temp. (deg F)	Wellhead TPH-G Conc. (ppmv)	Wellhead + Air Stripper		TPH-G Conc. (ppmv)		Benzene Conc. (ppmv)	Mass Emission TPH-G (lbs/day)	Mass Emission Benzene (lbs/day)	Temp. (deg F)	HC Recovery Per Period (gallons)	Cumulative HC Recovery (gallons)	Destruction Efficiency TPH-G (%)	
								Field	Lab	Field	Lab	Lab							
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	NA	NA		0				NA	0.0	3999.9	100.0		
1/12/99	NA	144	100%	395	NA	NA	120	700		0				NA	53.7	4053.6	100.0		
1/15/99	NA	72	100%	382	NA	NA	120	70		0				NA	28.6	4082.2	100.0		
1/22/99	NA	0	0%	384	NA	NA	110	150		0				NA	0.0	4082.2	100.0		
1/27/99	NA	120	100%	306	NA	NA	NA	70		0				NA	12.1	4094.3	100.0		
2/1/99	NA	0	0%	NA	NA	NA	NA	80		0				NA	0.0	4094.3	100.0		
2/4/99	NA	72	100%	317	NA	NA	110	60		0				NA	2.1	4096.5	100.0		
2/24/99	NA	0	0%	263	NA	NA	650	230		0				NA	0.0	4096.5	100.0		
3/3/99	NA	168	100%	281	NA	NA	230	80		0				NA	16.8	4115.3	100.0		
3/23/99	NA	0	0%	278	NA	NA	470	130		0				NA	0.0	4115.3	100.0		
4/5/99	NA	312	100%	254	NA	NA	130	70		0				NA	22.0	4137.3	100.0		
6/1/99	NA	0	0%	261	NA	NA	NA	190		0				NA	0.0	4137.3	100.0		
6/29/99	NA	0	0%	224	NA	NA	720	480		0				NA	0.0	4137.3	100.0		
7/12/99	NA	312	100%	176	100	NA	820	80		0				NA	46.4	4183.7	100.0		
9/29/99	NA	0	0%	NA	NA	NA	390	200		0				NA	0.0	4183.7	100.0		
10/14/99	NA	360	100%	258	100	NA	400	150		0				NA	21.4	4205.1	100.0		
10/18/99	NA	96	100%	356	100	NA	610	450		0				NA	23.4	4228.5	100.0		
11/6/99	NA	456	100%	360	100	NA	40	40		0				NA	106.2	4334.7	100.0		
11/15/99	NA	0	0%	NA	170	NA	NA	NA		0				NA	0.0	4334.7	100.0		
12/22/99	NA	0	0%	NA	NA	NA	NA	NA	*	NA				NA	0.0	4334.7	100.0		
3/6/00	NA	0	0%	183	100	65.9	9	14.5		0				61.5	0.0	4334.7	100.0		
3/24/00	NA	432	100%	144	100	64.5	9	14		0				59.7	2.7	4337.4	100.0		
4/14/00	NA	504	100%	109	100	63.2	12	18		0				63.6	2.7	4340.1	100.0		
4/27/00	NA	312	100%	201	100	64.6	8	4		0				64.1	1.4	4341.5	100.0		
5/10/00	NA	312	100%	227	100	69.1	6.5	2.5		0				67.3	0.6	4342.1	100.0		
5/25/00	NA	360	100%	250	100	82.8	7	18		0				78.4	2.3	4344.4	100.0		
6/10/00	NA	384	100%	255	100	NA	5.5	11.5		0				NA	3.8	4348.2	100.0		
Total to Date =		18,144	42%	= Average % Operation															

NOTES:

ppmv = parts per million volume

scfm = standard cubic feet per minute

HC Recovery Per Period = Hydrocarbons recovered based on field data and an average hydrocarbon density of 6.26 lbs. per gallon.

HC Destruction Efficiency = Hydrocarbon destruction efficiency based on lab data.

Total Well TPH-g Conc. = Concentration of total petroleum hydrocarbons as gasoline of soil vapor extracted from all open wells.

* = For 3/6/00 through 5/10/00, total flow rate (cubic feet per minute) calculated from velocity measurement (feet per minute) in 4"-diameter pipe using anemometer.

deg F = degrees Fahrenheit

lbs/day = pounds per day

NA = not available or applicable

EXHIBIT 6

GROUNDWATER REMEDIATION PERFORMANCE TABLE

Table 1
Summary of Results of Automatic Recovery 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	--	--	--	--	--	--
I-1	06/14/96	264,690	13,300	782	2,291,990	1,200	330	170	16	51	120
I-1	07/08/96	295,770	31,080	1,295	2,323,070	150	65	3.7	4.4	0.60	6.7
I-1	07/25/96	298,890	3,120	184	2,326,190	--	--	--	--	--	--
I-1	08/08/96	300,120	1,230	88	2,327,420	--	--	--	--	--	--
I-1	08/12/96	302,120	2,000	500	2,329,420	890	190	110	190	14	120

Table 1
Summary of Results of Automatic Recovery 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	08/27/96	303,730	1,610	107	2,331,030	--	--	--	--	--	--
I-1	09/13/96	311,780	8,050	474	2,339,080	--	--	--	--	--	--
I-1	10/04/96	311,780	0	0	2,339,080	--	--	--	--	--	--
I-1	11/08/96	311,780	0	0	2,339,080	--	--	--	--	--	--
I-1	12/02/96	311,780	0	0	2,339,080	--	--	--	--	--	--
I-1	12/06/96	337,540	25,760	6,440	2,364,840	630	160	48	120	8.9	69
I-1	01/07/97	512,070	174,530	5,454	2,539,370	2,800	310	210	540	35	330
I-1	01/15/97	553,950	41,880	5,235	2,581,250	--	--	--	--	--	--
I-1	01/24/97	594,490	40,540	4,504	2,621,790	--	--	--	--	--	--
I-1	02/07/97	626,600	32,110	2,294	2,653,900	5,300	720	460	1,300	440	640
I-1	02/19/97	687,340	60,740	5,062	2,714,640	--	--	--	--	--	--
I-1	03/04/97	695,030	7,690	592	2,722,330	--	--	--	--	--	--
I-1	03/12/97	705,530	10,500	1,313	2,732,830	3,700	740	380	1,000	61	560
I-1	04/01/97	705,530	0	0	2,732,830	--	--	--	--	--	--
I-1	05/02/97	705,530	0	0	2,732,830	--	--	--	--	--	--
I-1	05/07/97	707,770	2,240	448	2,735,070	--	--	--	--	--	--
I-1	05/14/97	708,080	310	44	2,735,380	--	--	--	--	--	--
I-1	07/29/97	708,860	780	10	2,736,160	2,100	170	240	440	21	240
I-1	10/01/97	708,860	0	0	2,736,160	--	--	--	--	--	--
I-1	10/20/97	708,860	0	0	2,736,160	3,400	11,000	470	840	42	390
I-1	10/31/97	783,000	74,140	6,740	2,810,300	--	--	--	--	--	--
I-1	11/05/97	817,960	34,960	6,992	2,845,260	--	--	--	--	--	--
I-1	11/11/97	854,790	36,830	6,138	2,882,090	920	320	34	97	12	150
I-1	11/21/97	917,210	62,420	6,242	2,944,510	--	--	--	--	--	--
I-1	11/25/97	944,770	27,560	6,890	2,972,070	--	--	--	--	--	--
I-1	12/04/97	989,710	44,940	4,993	3,017,010	--	--	--	--	--	--
I-1	12/11/97	1,023,640	33,930	4,847	3,050,940	ND	ND	ND	ND	ND	ND
I-1	12/15/97	1,042,420	18,780	4,695	3,069,720	--	--	--	--	--	--
I-1	12/31/97	1,106,010	63,590	3,974	3,133,310	--	--	--	--	--	--
I-1	01/06/98	1,127,130	21,120	3,520	3,154,430	1,000	630	24	58	5.2	170
I-1	01/16/98	1,171,800	44,670	4,467	3,199,100	--	--	--	--	--	--
I-1	01/22/98	1,195,970	24,170	4,028	3,223,270	--	--	--	--	--	--
I-1	01/30/98	1,229,990	34,020	4,253	3,257,290	--	--	--	--	--	--
I-1	02/05/98	1,253,850	23,860	3,977	3,281,150	570	340	19	54	5.4	95
I-1	02/09/98	1,273,640	19,790	4,948	3,300,940	--	--	--	--	--	--
I-1	02/20/98	1,326,030	52,390	4,763	3,353,330	--	--	--	--	--	--
I-1	02/27/98	1,365,130	39,100	5,586	3,392,430	--	--	--	--	--	--
I-1	03/05/98	1,394,470	29,340	4,890	3,421,770	--	--	--	--	--	--
I-1	03/12/98	1,429,330	34,860	4,980	3,456,630	1,900	920	96	220	16	280
I-1	03/20/98	1,468,420	39,090	4,886	3,495,720	--	--	--	--	--	--
I-1	03/27/98	1,499,700	31,280	4,469	3,527,000	--	--	--	--	--	--
I-1	04/01/98	1,522,760	23,060	4,612	3,550,060	910	550	47	94	5.6	160
I-1	04/06/98	1,522,980	220	44	3,550,280	--	--	--	--	--	--
I-1	04/16/98	1,566,740	43,760	4,376	3,594,040	--	--	--	--	--	--
I-1	04/22/98	1,593,240	26,500	4,417	3,620,540	--	--	--	--	--	--
I-1	04/29/98	1,624,180	30,940	4,420	3,651,480	--	--	--	--	--	--
I-1	05/11/98	1,668,000	43,820	3,652	3,695,300	--	--	--	--	--	--
I-1	05/19/98	1,694,940	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	--	--	--	--	--	--

Table 1
Summary of Results of Automatic Recovery 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	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	--	--	--	--	--	--
I-1	10/14/99	1,825,240	440	29	3,852,540	4,400	4,700	10	22	ND	180
I-1	10/18/99	1,825,430	190	48	3,852,730	--	--	--	--	--	--
I-1	11/06/99	1,825,430	0	0	3,852,730	--	--	--	--	--	--
I-1	12/22/99	1,825,810	380	8	3,853,110	ND	680	ND	1.7	1.2	ND
I-1	03/06/00	1,825,870	60	1	3,853,170	6,400	9,600	ND	6.5	ND	370
I-1	03/24/00	1,826,040	170	9	3,853,340	--	--	--	--	--	--
I-1	04/14/00	1,826,330	290	14	3,853,630	ND	--	ND	ND	ND	1.1
I-1	04/27/00	1,826,410	80	6	3,853,710	--	1,200	--	--	--	--
I-1	05/10/00	1,826,570	160	12	3,853,870	ND	8,800	ND#	ND#	ND#	16
I-1	05/25/00	1,826,692	122	8	3,853,992	--	--	--	--	--	--
I-1	06/10/00	1,827,130	438	27	3,854,430	--	--	--	--	--	--
E-1	04/27/95	--	--	--	--	ND	87	ND	ND	ND	ND
E-1	05/12/95	--	--	--	--	670	180	3.4	5.8	ND	9.8
E-1	06/08/95	--	--	--	--	ND	ND	0.87	0.92	ND	1.4
E-1	07/13/95	--	--	--	--	ND	110	ND	ND	ND	ND
E-1	08/28/95	--	--	--	--	140	220	2.6	4.4	0.98	6.2
E-1	09/07/95	--	--	--	--	200	290	5.8	6.9	0.77	93
E-1	10/12/95	--	--	--	--	ND	120	ND	ND	ND	ND
E-1	11/17/95	--	--	--	--	93	230	0.73	1.3	ND	1.4
E-1	12/04/95	--	--	--	--	ND	120	ND	ND	ND	ND
E-1	01/08/96	--	--	--	--	110	76	52	11	0.74	9.4
E-1	02/07/96	--	--	--	--	840	470	4.2	7.7	2.1	16
E-1	03/06/96	--	--	--	--	140	420	1.1	0.94	ND	0.59
E-1	04/08/96	--	--	--	--	340	190	11	7.1	3.5	21
E-1	05/14/96	--	--	--	--	630	330	13	31	3.8	29
E-1	06/14/96	--	--	--	--	ND	79	ND	ND	ND	ND
E-1	07/08/96	--	--	--	--	ND	ND	0.71	ND	ND	ND
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

Table 1
Summary of Results of Automatic Recovery 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	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	--	--	--	--	--	--	--	--	--	--
E-1	10/14/99	--	--	--	--	270	3,000	0.7	5.9	2.7	5.1
E-1	10/18/99	--	--	--	--	--	--	--	--	--	--
E-1	11/06/99	--	--	--	--	--	--	--	--	--	--
E-1	12/22/99	--	--	--	--	ND	690	ND	1.6	1.2	0.85
E-1	03/06/00	--	--	--	--	72	1,400	ND	ND	ND	0.72
E-1	03/24/00	--	--	--	--	--	--	--	--	--	--
E-1	04/14/00	--	--	--	--	ND	--	ND	ND	ND	ND
E-1	04/27/00	--	--	--	--	--	1,500	--	--	--	--
E-1	05/10/00	--	--	--	--	ND	5,300	0.43	2.6	1.2	ND
E-1	05/25/00	--	--	--	--	--	--	--	--	--	--
E-1	06/10/00	--	--	--	--	--	--	--	--	--	--

Total Effluent Discharged to Date: **3,854,430** 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
 # = Laboratory Method Detection Limit exceeded target detection limit due to excessive foaming of the sample.

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 benchmark.

GROUNDWATER SAMPLING

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

NON-PURGE METHOD:

TRC 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 degrees Centigrade 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 two 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 degrees Centigrade prior to analysis by a state-certified laboratory.

EXHIBIT 8

MONITORING WELL SAMPLING FORMS

FLUID MEASUREMENT FIELD FORM

Project No.: 30-0065-75

TRC Alton Personnel: J. Chidester

Station No.: 04-HGJ

Date: 7/27/01

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-10		44.26				55.05	3.60	4" Protected
MW-5		33.65				34.29	2.40	4" Replaced Missing Lock (Protected)
MW-3		16.52				33.39	0.85	2" Both Bolt Casings Stripped. Replaced Lock
VMW-3		31.29				31.75	0.71	4" Both Bolt Casings Stripped
MW-7		18.98				24.27	0.97	2" Replaced Cap (Protected)
MW-8		16.61				28.72	0.88	2" Protected
* MW-6		44.57				54.63	0.45	4" Missing on bolt
VMW-1		DRY	~~~~~					4" Replaced Broken Cap, (Protected)
* MW-11		13.52					0.37	4" Missing 1 bolt, otherwise protected
MW-12		17.52				55.47	0.29	4" Both nuts missing
VMW-2		DRY	~~~~~					
* RW-3		16.61				54.62	0.81	6" missing Cap
* MW-4		49.20				49.15	0.59	4" Broken Well Cover
VMW-4		DRY	~~~~~					
* RW-4		44.59				49.87	1.33	6" Missing Cap
* RW-2		18.82				53.32	0.56	6" Missing Cap
* MW-2		49.10				48.79	0.62	2" Added Lock
* RW-1		44.15				52.36	0.59	6" Missing Cap
* MW-1		43.96				52.07	1.14	4" Protected

GROUND WATER SAMPLING FIELD NOTES

Site: 04-H63 Project No. 30-0065-75 Sampled By: J. CHIDESTER Date: 7/27/01

Well No. MW-6 Purge Method: No Purge
 Total Depth (feet) 54.63 Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Well No. RW-3 Purge Method: No Purge
 Total Depth (feet) 54.62 Depth to Product (feet): _____
 Depth to Water (feet): 46.61 Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): 6"
 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
		<u>44.57</u>		<u>6.70</u>	<u>72.6</u>	<u>6.75</u>
Total Purged				Time Sampled		<u>6:12</u>

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
				<u>7.62</u>	<u>70.4</u>	<u>6.92</u>
Total Purged				Time Sampled		<u>4:35</u>

Comments: _____
 Turbidity= _____

Comments: _____
 Turbidity= _____

Well No. MW-4 Purge Method: No Purge
 Total Depth (feet) 49.15 Depth to Product (feet): _____
 Depth to Water (feet): 44.20 Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): 4"
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Well No. RW-4 Purge Method: No Purge
 Total Depth (feet) 49.87 Depth to Product (feet): _____
 Depth to Water (feet): 44.54 Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): 6"
 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
				<u>3.52</u>	<u>76.8</u>	<u>6.89</u>
Total Purged				Time Sampled		<u>5:05</u>

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
				<u>6.66</u>	<u>79.0</u>	<u>6.75</u>
Total Purged				Time Sampled		<u>4:35</u>

Comments: _____
 Turbidity= _____

Comments: _____
 Turbidity= _____

Well No. RW-2 Purge Method: No Purge
 Total Depth (feet) 53.52 Depth to Product (feet): _____
 Depth to Water (feet): 48.82 Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): 6"
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Well No. MW-2 Purge Method: No Purge
 Total Depth (feet) 48.79 Depth to Product (feet): _____
 Depth to Water (feet): 44.10 Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): 2"
 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
				<u>3.76</u>	<u>84.5</u>	<u>6.50</u>
Total Purged				Time Sampled		<u>4:18</u>

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
				<u>8.12</u>	<u>82.6</u>	<u>6.51</u>
Total Purged				Time Sampled		<u>4:53</u>

Comments: _____
 Turbidity= _____

Comments: _____
 Turbidity= _____

GROUND WATER SAMPLING FIELD NOTES

Site: 04-HGJ Project No.: 30-0065-75 Sampled By: J. Chidester Date: 7/27/01

Well No. RW-1 Purge Method: No Purge Well No. MW-1 Purge Method: No Purge
 Total Depth (feet) 52.36 Depth to Product (feet): — Total Depth (feet) 52.07 Depth to Product (feet): —
 Depth to Water (feet): 44.15 Product Recovered (gallons): — Depth to Water (feet): 43.96 Product Recovered (gallons): —
 Water Column (feet): — Casing Diameter (Inches): 4" Water Column (feet): — Casing Diameter (Inches): 4"
 80% Recharge Depth (feet): — 1 Well Volume (gallons): — 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
				5.70	77.1	6.81
Total Purged				Time Sampled		5.17

Comments:
Turbidity=

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
				3.47	71.9	6.79
Total Purged				Time Sampled		6.24

Comments:
Turbidity=

Well No. RW-1 Purge Method: No Purge Well No. — Purge Method: —
 Total Depth (feet) — Depth to Product (feet): — Total Depth (feet) — Depth to Product (feet): —
 Depth to Water (feet): 43.82 Product Recovered (gallons): — Depth to Water (feet): — Product Recovered (gallons): —
 Water Column (feet): — Casing Diameter (Inches): 4" Water Column (feet): — Casing Diameter (Inches): —
 80% Recharge Depth (feet): — 1 Well Volume (gallons): — 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
				5.24	70.7	6.70
Total Purged				Time Sampled		7.10

Comments:
Turbidity=

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

Comments:
Turbidity=

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

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

Comments:
Turbidity=

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

Comments:
Turbidity=



DAILY FIELD REPORT

Job Name: Mobil 04-H6J	Project Number: 30-0065-75	Date: 7/27/01
Location: 1024 Main St., Pleasanton	Weather: Sunny	Day: Friday
Staff: J. Chidester	Reason For Site Visit: 3rd. Quarter M/S	

Check where applicable and provide brief description of condition:

- Power Poles: Compound: Vacant Lot:
- Lock on Fence: *could not get truck inside* Drums on Site (contents & date):
- Visual Inspection of External Well Heads:

Arrived on-site @ 9:30 am.

Monitored & sampled MW-6, 4, 2, 1, 11 & RW-4, 3, 2, 1 using no-purge method. Monitored only MW-10, 5, 3, 7, 8, 12 & VMW-3, 1, 2, 4 for D.T.W. & D.O.

Replaced missing locks on MW-5, MW-3 & MW-2

Replaced broken caps on MW-7, VMW-1. RW-3, 4, 2, 1 are all still missing 6" caps

Left site @ 7:30 pm.

GROUND WATER MONITORING AND SAMPLING

PROJECT NUMBER 30-0065-75
 STATION NUMBER 04-HGJ
 WEATHER Sunny

ALTON PERSONNEL J. Chidester
 DATE 7/27/01
 DAY FRIDAY

HOURS
 Hours spent travelling to and from site (return): 2
 Hours spent on site: 10
 Number of mob/demobs to and from site: 1

MILEAGE
 Roundtrip mileage from Alton's office to site (1 man): 64
 Roundtrip mileage from Alton's office to site (2 man): 0

WELLS MONITORED AND SAMPLED
 Number of wells monitored but not sampled: 10
 Number of wells monitored and sampled (depth to water < 25 feet): 0
 Number of wells monitored and sampled (depth to water > 25): 9
 Number of wells monitored and sampled using No Purge Method: 9

DRUM INVENTORY
 Number of drums of ground water disposed into onsite ARS: 0
 Number of gallons of groundwater purged and transported: 0

TRAFFIC CONTROL
 Number of days for major street traffic control: 0
 Number of days for non-major street traffic control: 0
 Cost for Caltrans lane closure: 0

FREE PRODUCT PUMP-OUTS
 Free product pump-out discipline travel (cap of 200 miles): 0
 Number of free product pump-out equipment mob/demobs: 0
 Number of wells (manual pump-outs): 0

FIELD NOTES:

Arrived on site @ 9:30 AM.

Monitored and sampled MW-6, 4, 2, 1, 11 & RW-4, 3, 2, 1

using no-purge method. Monitored only MW-10, 5, 3,

7, 8, 12 & VMW-3, 1, 2, 4 for Depth to Water &

Dissolved Oxygen. Replaced Missing locks on MW-5,

MW-3, & MW-2. Replaced broken caps on MW-7 &

VMW-1, RW-3, RW-4, RW-2 & RW-1 all still missing

6" caps. Left site @ 7:30 PM.

EXHIBIT 9

ANALYTICAL LABORATORY DATA SHEETS



ANALYTICAL RESULTS

Prepared for:

ExxonMobil
2300 Clayton Road
Suite 1250
Concord CA 94520

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 772060. Samples arrived at the laboratory on Tuesday, July 31, 2001. The PO# for this group is 4500446506-0509 and the release number is 00110.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
MW-6 Grab Water Sample	3656886
RW-3 Grab Water Sample	3656887
MW-4 Grab Water Sample	3656888
RW-4 Grab Water Sample	3656889
RW-2 Grab Water Sample	3656890
MW-2 Grab Water Sample	3656891
RW-1 Grab Water Sample	3656892
MW-1 Grab Water Sample	3656893
MW-11 Grab Water Sample	3656894

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO

TRC/Alton Geoscience

Attn: Kathryn Quinnell



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 20413
Lancaster, PA 17605-0413
Tel: 717/397-1234
Fax: 717/397-1235



Lancaster Laboratories

Where quality is a science.

Questions? Contact your Client Services Representative
Teresa M. Lis at (717) 656-2300.

Respectfully Submitted,

Kevin R. Witman
Sr. Chemist



Lancaster Laboratories, Inc.
1420 West Hopewell Pike
PO Box 12472
Lancaster, PA 17606-0472
TEL: 717-656-2300 FAX: 717-656-2301



Lancaster Laboratories Sample No. **WW 3656886**

Collected: 07/27/2001 18:42 by JC

Account Number: 10589

Submitted: 07/31/2001 09:52

ExxonMobil

Reported: 08/11/2001 at 20:26

2300 Clayton Road

Discard: 09/11/2001

Suite 1250

MW-6 Grab Water Sample

Concord CA 94520

LOC# 04-H6J WBS# 56 Prj.# 30-0065-75

MOBIL: 1024 Main St.; Pleasanton, CA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08209	BTEX, MTBE (8020)					
00776	Benzene	71-43-2	N.D.	1.0	ug/l	1
00777	Toluene	108-88-3	N.D.	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	0.48	0.20	ug/l	1
00779	Total Xylenes	1330-20-7	0.80	0.60	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	1.0	ug/l	1

08268 TPH-GRO (CA LUFT)

05554 TPH-GRO (CA LUFT)

n.a.

95.

50.

ug/l

1

Due to the presence of interferents near their retention time, normal reporting limits were not attained for the compounds listed below. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents.

Methyl t-butyl ether
Benzene
Toluene

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
08209	BTEX, MTBE (8020)	SW-846 8020A	1	08/01/2001 14:37		Linda C. Pape	1
08268	TPH-GRO (CA LUFT)	CA LUFT Gasoline	1	08/01/2001 14:37		Linda C. Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/01/2001 14:37		Linda C. Pape	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



Lancaster Laboratories Sample No. **WW 3656887**

Collected: 07/27/2001 16:35 by JC

Account Number: 10589

Submitted: 07/31/2001 09:52

ExxonMobil

Reported: 08/11/2001 at 20:26

2300 Clayton Road

Discard: 09/11/2001

Suite 1250

RW-3 Grab Water Sample

Concord CA 94520

LOC# 04-H6J WBS# 56 Prj.# 30-0065-75

MOBIL: 1024 Main St.; Pleasanton, CA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08209	BTEX, MTBE (8020)					
00776	Benzene	71-43-2	N.D.	0.20	ug/l	1
00777	Toluene	108-88-3	N.D.	0.20	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.20	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	0.60	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	1.3	0.30	ug/l	1
08268	TPH-GRO (CA LUFT)					
05554	TPH-GRO (CA LUFT)	n.a.	N.D.	50.	ug/l	1
02309	MTBE by GC/MS (water)					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1
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.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08209	BTEX, MTBE (8020)	SW-846 8020A	1	08/02/2001 00:15	Darvin L. Martin	1
08268	TPH-GRO (CA LUFT)	CA LUFT Gasoline Method	1	08/02/2001 00:15	Darvin L. Martin	1
02309	MTBE by GC/MS (water)	SW-846 8260B	1	08/06/2001 14:05	Joel R. Nace	1
01146	GC VOA Water Prep	SW-846 5030A	1	08/02/2001 00:15	Darvin L. Martin	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/06/2001 14:05	Joel R. Nace	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected at or above the Reporting Limit



Lancaster Laboratories Sample No. **WW 3656888**

Collected: 07/27/2001 18:05 by JC

Account Number: 10589

Submitted: 07/31/2001 09:52

ExxonMobil

Reported: 08/11/2001 at 20:26

2300 Clayton Road

Discard: 09/11/2001

Suite 1250

MW-4 Grab Water Sample

Concord CA 94520

LOC# 04-H6J WBS# 56 Prj.# 30-0065-75

MOBIL: 1024 Main St.; Pleasanton, CA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08209	BTEX, MTBE (8020)					
00776	Benzene	71-43-2	24.	0.20	ug/l	1
00777	Toluene	108-88-3	5.8	0.20	ug/l	1
00778	Ethylbenzene	100-41-4	7.6	0.20	ug/l	1
00779	Total Xylenes	1330-20-7	77.	0.60	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	0.30	ug/l	1
08268	TPH-GRO (CA LUFT)					
05554	TPH-GRO (CA LUFT)	n.a.	420.	50.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
08209	BTEX, MTBE (8020)	SW-846 8020A	1	08/02/2001 00:47		Darvin L. Martin	1
08268	TPH-GRO (CA LUFT)	CA LUFT Gasoline Method	1	08/02/2001 00:47		Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030A	1	08/02/2001 00:47		Darvin L. Martin	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected at or above the Reporting Limit



Lancaster Laboratories Sample No. **WW 3656889**

Collected: 07/27/2001 16:03 by JC

Account Number: 10589

Submitted: 07/31/2001 09:52

ExxonMobil

Reported: 08/11/2001 at 20:26

2300 Clayton Road

Discard: 09/11/2001

Suite 1250

RW-4 Grab Water Sample

Concord CA 94520

LOC# 04-H6J WBS# 56 Prj.# 30-0065-75

MOBIL: 1024 Main St.; Pleasanton, CA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08209	BTEX, MTBE (8020)					
00776	Benzene	71-43-2	N.D.	0.20	ug/l	1
00777	Toluene	108-88-3	N.D.	0.20	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.20	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	0.60	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	0.30	ug/l	1
08268	TPH-GRO (CA LUFT)					
05554	TPH-GRO (CA LUFT)	n.a.	N.D.	50.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
08209	BTEX, MTBE (8020)	SW-846 8020A	1	08/02/2001	01:19	Darvin L. Martin	1
08268	TPH-GRO (CA LUFT)	CA LUFT Gasoline Method	1	08/02/2001	01:19	Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030A	1	08/02/2001	01:19	Darvin L. Martin	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



Lancaster Laboratories Sample No. **WW 3656890**

Collected: 07/27/2001 16:18 by JC

Account Number: 10589

Submitted: 07/31/2001 09:52

ExxonMobil

Reported: 08/11/2001 at 20:26

2300 Clayton Road

Discard: 09/11/2001

Suite 1250

RW-2 Grab Water Sample

Concord CA 94520

LOC# 04-H6J WBS# 56 Prj.# 30-0065-75

MOBIL: 1024 Main St.; Pleasanton, CA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08209	BTEX, MTBE (8020)					
00776	Benzene	71-43-2	N.D.	0.20	ug/l	1
00777	Toluene	108-88-3	N.D.	0.20	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.20	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	0.60	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	0.30	ug/l	1
08268	TPH-GRO (CA LUFT)					
05554	TPH-GRO (CA LUFT)	n.a.	N.D.	50.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08209	BTEX, MTBE (8020)	SW-846 8020A	1	08/02/2001 01:51	Darvin L. Martin	1
08268	TPH-GRO (CA LUFT)	CA LUFT Gasoline Method	1	08/02/2001 01:51	Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030A	1	08/02/2001 01:51	Darvin L. Martin	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected or above the Reporting Limit



Lancaster Laboratories Sample No. **WW 3656891**

Collected: 07/27/2001 16:53 by JC

Account Number: 10589

Submitted: 07/31/2001 09:52

ExxonMobil

Reported: 08/11/2001 at 20:26

2300 Clayton Road

Discard: 09/11/2001

Suite 1250

MW-2 Grab Water Sample

Concord CA 94520

LOC# 04-H6J WBS# 56 Prj.# 30-0065-75

MOBIL: 1024 Main St.; Pleasanton, CA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08209	BTEX, MTBE (8020)					
00776	Benzene	71-43-2	37.	1.0	ug/l	5
00777	Toluene	108-88-3	N.D.	20.	ug/l	5
00778	Ethylbenzene	100-41-4	220.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	20.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	5.0	ug/l	5
Due to the presence of interferents near their retention time, normal reporting limits were not attained for the compounds listed below. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents. Methyl t-butyl ether Toluene						
08268	TPH-GRO (CA LUFT)					
05554	TPH-GRO (CA LUFT)	n.a.	6,900.	100.	ug/l	5
Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08209	BTEX, MTBE (8020)	SW-846 8020A	1	08/02/2001 03:28	Darvin L. Martin	5
08268	TPH-GRO (CA LUFT)	CA LUFT Gasoline Method	1	08/02/2001 03:28	Darvin L. Martin	5
01146	GC VOA Water Prep	SW-846 5030A	1	08/02/2001 03:28	Darvin L. Martin	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected at or above the Reporting Limit



Lancaster Laboratories Sample No. **WW 3656892**

Collected: 07/27/2001 17:17 by JC

Account Number: 10589

Submitted: 07/31/2001 09:52
 Reported: 08/11/2001 at 20:26
 Discard: 09/11/2001

ExxonMobil
 2300 Clayton Road
 Suite 1250
 Concord CA 94520

RW-1 Grab Water Sample
 LOC# 04-H6J WBS# 56 Prj.# 30-0065-75
 MOBIL: 1024 Main St.; Pleasanton, CA

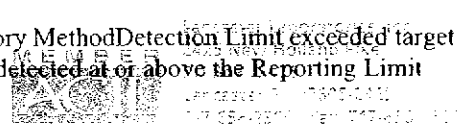
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08209	BTEX, MTBE (8020)					
00776	Benzene	71-43-2	640.	1.0	ug/l	5
00777	Toluene	108-88-3	200.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	280.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	640.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	5.0	ug/l	5
Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent. Methyl t-butyl ether						
08268	TPH-GRO (CA LUFT)					
05554	TPH-GRO (CA LUFT)	n.a.	11,000.	100.	ug/l	5

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08209	BTEX, MTBE (8020)	SW-846 8020A	1	08/02/2001 04:01	Darvin L. Martin	5
08268	TPH-GRO (CA LUFT)	CA LUFT Gasoline Method	1	08/02/2001 04:01	Darvin L. Martin	5
01146	GC VOA Water Prep	SW-846 5030A	1	08/02/2001 04:01	Darvin L. Martin	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected at or above the Reporting Limit





Lancaster Laboratories Sample No. **WW 3656893**

Collected: 07/27/2001 18:24 by JC

Account Number: 10589

Submitted: 07/31/2001 09:52

ExxonMobil

Reported: 08/11/2001 at 20:26

2300 Clayton Road

Discard: 09/11/2001

Suite 1250

MW-1 Grab Water Sample

Concord CA 94520

LOC# 04-H6J WBS# 56 Prj.# 30-0065-75

MOBIL: 1024 Main St.; Pleasanton, CA

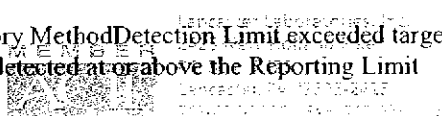
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08209	BTEX, MTBE (8020)					
00776	Benzene	71-43-2	N.D.	0.20	ug/l	1
00777	Toluene	108-88-3	N.D.	0.20	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.20	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	0.60	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	0.30	ug/l	1
08268	TPH-GRO (CA LUFT)					
05554	TPH-GRO (CA LUFT)	n.a.	N.D.	50.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08209	BTEX, MTBE (8020)	SW-846 8020A	1	08/02/2001 02:23	Darvin L. Martin	1
08268	TPH-GRO (CA LUFT)	CA LUFT Gasoline Method	1	08/02/2001 02:23	Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030A	1	08/02/2001 02:23	Darvin L. Martin	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit





Lancaster Laboratories Sample No. **WW 3656894**

Collected: 07/27/2001 19:10 by JC

Account Number: 10589

Submitted: 07/31/2001 09:52

ExxonMobil

Reported: 08/11/2001 at 20:26

2300 Clayton Road

Discard: 09/11/2001

Suite 1250

MW-11 Grab Water Sample

Concord CA 94520

LOC# 04-H6J WBS# 56 Prj.# 30-0065-75

MOBIL: 1024 Main St.; Pleasanton, CA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08209	BTEX, MTBE (8020)					
00776	Benzene	71-43-2	N.D.	0.20	ug/l	1
00777	Toluene	108-88-3	N.D.	0.20	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.20	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	0.60	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	0.30	ug/l	1
08268	TPH-GRO (CA LUFT)					
05554	TPH-GRO (CA LUFT)	n.a.	N.D.	50.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08209	BTEX, MTBE (8020)	SW-846 8020A	1	08/02/2001 02:56	Darvin L. Martin	1
08268	TPH-GRO (CA LUFT)	CA LUFT Gasoline Method	1	08/02/2001 02:56	Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030A	1	08/02/2001 02:56	Darvin L. Martin	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected at or above the Reporting Limit



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Quality Control Summary

Client Name: ExxonMobil
Reported: 08/11/01 at 08:26 PM

Group Number: 772060

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 01212A16	Sample number(s): 3656886-3656894							
Benzene	N.D.	.2	ug/l	109		80-118		
Toluene	N.D.	.2	ug/l	97		82-119		
Ethylbenzene	N.D.	.2	ug/l	89		81-119		
Total Xylenes	N.D.	.6	ug/l	91		82-120		
Methyl tert-Butyl Ether	N.D.	.3	ug/l	99		79-127		
TPH-GRO (CA LUFT)	N.D.	50.	ug/l	86		76-119		
Batch number: T012141AB	Sample number(s): 3656887							
Methyl t-butyl ether	N.D.	2.	ug/l	96	96	77-127	0	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 01212A16	Sample number(s): 3656886-3656894								
Benzene	120	116	66-140	3	30				
Toluene	118	112	72-138	6	30				
Ethylbenzene	(2)	(2)	71-138	31*	30				
Total Xylenes	128	61*	69-140	16	30				
Methyl tert-Butyl Ether	66	139	60-145	71*	30				
TPH-GRO (CA LUFT)	100	80	74-132	20	30				
Batch number: T012141AB	Sample number(s): 3656887								
Methyl t-butyl ether	95		69-134						

Surrogate Quality Control

Analysis Name: BTEX, MTBE (8020)
Batch number: 01212A16

	Trifluorotoluene-P	Trifluorotoluene-F
3656886	106	95
3656887	104	91
3656888	110	95
3656889	104	89
3656890	104	90
3656891	129	154*
3656892	77	116
3656893	106	91
3656894	104	89
Blank	104	91
LCS	104	116
MS	115	125

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



MEMBER
Lancaster Laboratories
7155 W. 12th St.
Tulsa, OK 74117
Phone: (918) 437-1100
Fax: (918) 437-1101



Lancaster Laboratories

Where quality is a science.

Quality Control Summary

Client Name: ExxonMobil
Reported: 08/11/01 at 08:26 PM

Group Number: 772060

Surrogate Quality Control

MSD	114	120			
Limits:	72-134	65-137			
Analysis Name: MTBE by GC/MS (water)					
Batch number: T012141AB					
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
3656887	104	91	90	91	
Blank	98	94	95	95	
LCS	100	94	99	98	
LCSD	99	93	97	97	
MS	100	92	95	95	
Limits:	86-118	80-120	88-110	86-115	

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



Lancaster Laboratories, Inc.
1425 New Holland Pkwy
PO Box 12425
Lancaster, PA 17605-0425
TEL: 717-399-1200 FAX: 717-399-1311

Mobil Western Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only

Acct. #: 10589 Sample #: 3656886-94

SCR#: _____

Please print.

Mobil Consultant/Office: <u>TRC</u>				Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air <input type="checkbox"/> Composite		Analyses Requested <small>List total number of containers in the box under each analysis.</small>										Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other							
Consultant Prj. Mgr: <u>Tracy Walker</u> Prj. #: <u>30-0065-75</u>		Consultant Phone #: <u>925-688-1200</u> Fax #: <u>925-688-0388</u>				Preservative Codes										Remarks							
Location Code #: <u>Mobil 04-H6J</u> WBS #: <u>56</u>		Site Address: <u>1024 Main St., Pleasanton</u> State: <u>CA</u>				Total Number of Containers BTEX 8020 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> + MTBE <input checked="" type="checkbox"/> TPH 8015 MOD GRO <input checked="" type="checkbox"/> DRO <input type="checkbox"/> NWTPH Gx <input type="checkbox"/> Dx <input type="checkbox"/> TPHAZ Title 22 Metals Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>																	
Sampler: <u>J. Chidester</u>		Mobil Engineer: <u>Darin Rouse</u>																					
Sample Identification		Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Composite	BTEX 8020	8021	+ MTBE	TPH 8015 MOD GRO	DRO	NWTPH Gx	Dx	TPHAZ	Title 22 Metals	Lead 7420	7421	Remarks	
MW-6		7/27/01	6:42 P	X		X					6	X	X										* TPH-G, BTEX, MTBE by 8015/8020
RW-3			7:35																				
MW-4			6:05																				
RW-4			4:03																				* Confirm highest concentration MTBE by 8020
RW-2			4:18																				
MW-2			4:53																				
RW-1			5:17																				
MW-1			6:24																				
MW-11			7:10																				
Turnaround Time Requested (TAT) (please circle): MOBIL STD. TAT 72 hour 48 hour 24 hour other ____ day				Relinquished by: <u>J. Chidester</u> Date: <u>7/30/01</u> Time: <u>9:30 A</u>				Received by: _____ Date: _____ Time: _____															
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) WVIP				SDG Complete? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Relinquished by: _____ Date: _____ Time: _____															
Site-specific QC required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (If yes, indicate QC sample and submit triplicate volume.)				Relinquished by Commercial Carrier: UPS <input type="checkbox"/> FedEx <input checked="" type="checkbox"/> Other _____				Received by: _____ Date: <u>7/31/01</u> Time: <u>0925</u>															
Internal Chain of Custody required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Temperature Upon Receipt <u>3</u> °C				Custody Seals Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A															