

**ExxonMobil**  
**Refining & Supply Company**  
Global Remediation  
2300 Clayton Road, Suite 1250  
Concord, CA. 94520  
(925) 246-8747 Telephone  
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**Gene N. Ortega**  
Territory Manager  
Global Remediation – U.S. Retail

April 8, 2003

**ExxonMobil**  
*Refining & Supply*

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

Alameda County  
APR 10 2003  
Environmental Health

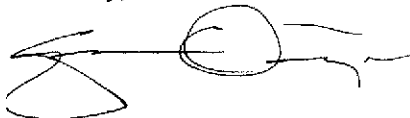
Subject: Former Mobil Station 04-H6J, 1024 Main Street, Pleasanton, California

Dear Mr. Seery:

Attached for your review and comment is a copy of the *First Quarter 2003 Groundwater Monitoring Report* for the above-referenced site. The report, prepared by TRC of Concord, California, details the results of the January 9, 2003 sampling event.

If you have any questions or comments, please call me at (925) 246-8747.

Sincerely,



Gene Ortega  
Territory Manager

Attachment: First Quarter 2003 Groundwater Monitoring Report

cc: 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



Customer-Focused Solutions

April 8, 2003

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

Dear Mr. Seery:

Please find enclosed the *First Quarter 2003 Groundwater Monitoring Report* for the subject location, prepared by TRC for ExxonMobil Oil Corporation. The contents of this report include:

Quarterly Groundwater Monitoring 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: Well Purging and Groundwater Sampling Protocol
- Exhibit 5: Monitoring Well Sampling Forms
- Exhibit 6: 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 Groundwater Monitoring Report Summary Sheet  
First Quarter 2003

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

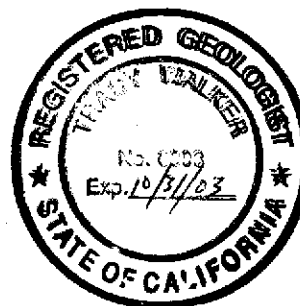
CRWQCB Case # N/A  
BAAQMD # 14053  
DSRSD sewer discharge permit # 95010

<b>Number of water zones:</b>	<b>1</b>	<b>This Page</b>	<b>1</b>
<b>FIELD ACTIVITY:</b>		Date Sampled:	9-Jan-03
Number of ground water wells on-site:	16	Groundwater Wells monitored:	19
Number of ground water wells off-site:	3	Groundwater Wells sampled:	11
		Groundwater Wells with Free Product:	0
Phase of Investigation: Vadose Zone:	<b>Post-Remediation Monitoring</b>	Groundwater Phase:	<b>Post-Remediation Monitoring</b>
<b>SITE HYDROGEOLOGY:</b>			
Approximate depth to ground water below ground surface:			35.65 ft
Approximate elevation of potentiometric surface above Mean Sea Level:			314.91 ft
Average Increase/Decrease in ground water elevations since last sampling episode:		Increase:	1.97 ft
Approximate flow direction and hydraulic gradient:		East at:	0.20 ft/ft
<b>GROUND WATER CONTAMINATION (BENZENE MCL=1.0 ppb):</b>			
Wells containing free product:	0	Range in Thickness of Free Product:	N/A
Number of wells with concentrations below MCL:	5	Volume of Free Product Recovered This Period:	0
Number of wells with concentrations at or above MCL:	6	Volume of Free Product Recovered To Date:	0
Nature of contamination:	Gasoline	Range in Concentrations:	Benzene: ND<0.50 to 990 ppb TPH-G: ND<50.0 to 16,000 ppb
<b>ADDITIONAL INFORMATION:</b>			
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: Chris Brown Chris Brown  
Staff Scientist

Project No: 30-0065

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



MONITORING WELL SAMPLING SCHEDULE 2003  
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*				
<p>NOTES: X = well scheduled for sampling * = well historically dry; screened above water table</p>				

**EXHIBIT 2**

**SUMMARY OF GROUNDWATER MONITORING AND CHEMICAL ANALYSIS**

**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Groundwater				Chemical Analysis														
		Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
MW-1	04/12/90	348.03	0.00	43.57	304.46	3,600	—	73	13	3	180	—	—	—	—	—	—	—	—	—
MW-1	10/18/90	348.03	0.00	43.18	304.85	5,000	ND	700	360	170	480	—	—	—	—	—	—	—	—	—
MW-1	08/06/91	348.03	0.00	38.65	309.38	2,600	—	310	340	110	340	—	—	—	—	—	—	—	—	—
MW-1	01/08/92	348.03	0.00	38.68	309.35	2,400	—	270	370	18	340	—	—	—	—	—	—	—	—	—
MW-1	04/30/92	348.03	0.00	39.93	308.10	1,300	—	150	120	12	160	—	—	—	—	—	—	—	—	—
MW-1	07/31/92	348.03	0.00	43.05	304.98	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
MW-1	10/27/92	348.03	0.00	42.86	305.17	2,700	—	320	310	84	310	—	—	—	—	—	—	—	—	—
MW-1	01/22/93	348.03	0.00	34.88	313.15	2,800	—	190	340	87	320	—	—	—	—	—	—	—	—	—
MW-1	04/05/93	348.03	0.00	33.71	314.32	6,000	—	410	460	51	500	—	—	—	—	—	—	—	—	—
MW-1	07/06/93	348.03	0.00	35.46	312.57	2,200	—	140	240	32	180	—	—	—	—	—	—	—	—	—
MW-1	11/30/93	348.03	0.00	37.81	310.22	450	—	68	34	ND	48	—	—	—	—	—	—	—	—	—
MW-1	01/27/94	348.03	0.00	42.10	305.93	1,000	—	270	330	44	190	—	—	—	—	—	—	—	—	—
MW-1	04/25/94	348.03	0.00	40.33	307.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	04/26/94	348.03	—	—	—	3,500	—	310	370	22	320	—	—	—	—	—	—	—	—	—
MW-1	07/08/94	348.03	0.00	41.39	306.64	640	—	120	87	15	43	—	—	—	—	—	—	—	—	—
MW-1	10/05/94	348.03	0.00	42.19	305.84	970	—	110	140	21	90	—	—	—	—	—	—	—	—	—
MW-1	02/21/95	348.03	0.00	34.73	313.30	3,500	—	200	270	24	100	—	—	—	—	—	—	—	—	—
MW-1	05/03/95	348.03	0.00	34.67	313.36	160	—	7.8	12	4.5	20	—	—	—	—	—	—	—	—	—
MW-1	08/04/95	348.03	0.00	37.00	311.03	1,900	—	99	330	40	570	10	—	—	—	—	—	—	—	—
MW-1	11/10/95	348.03	0.00	39.66	308.37	610	—	150	56	22	89	—	—	—	—	—	—	—	—	—
MW-1	02/12/96	348.03	0.00	36.19	311.84	470	—	3.0	37	7.8	140	1.3	—	—	—	—	—	—	—	—
MW-1	05/17/96	348.03	0.00	35.82	312.21	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1	08/12/96	348.03	0.00	38.44	309.59	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1	11/08/96	348.03	0.00	40.07	307.96	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1	02/12/97	348.03	0.00	34.27	313.76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1†	03/17/97	348.03	0.00	37.07	310.96	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	05/13/97	348.03	0.00	37.76	310.27	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	08/12/97	348.03	0.00	40.68	307.35	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	10/31/97	348.03	0.00	40.90	307.13	740	—	17	62	7.9	150	ND	—	—	—	—	—	—	—	—
MW-1†	01/21/98	348.03	0.00	41.05	306.98	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	04/24/98	348.03	0.00	36.71	311.32	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	07/20/98	348.03	0.00	39.38	308.65	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	10/21/98	348.03	0.00	42.31	305.72	ND	—	0.3	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	02/22/99	348.03	0.00	42.70	305.33	840	—	40	17	5.4	94	ND	—	—	—	—	—	—	—	—
MW-1†	05/27/99	348.03	0.00	41.51	306.52	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	09/16/99	348.03	0.00	43.56	304.47	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	11/15/99	348.03	0.00	43.87	304.16	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-1†	03/02/00	348.03	0.00	40.88	307.15	<50	—	<0.30	<0.30	<0.30	<0.60	<10	—	—	—	—	—	—	—	—
MW-1†	06/06/00	348.03	0.00	42.83	305.20	<20	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	—	—	—	—	—	—	—
MW-1†	08/29/00	348.03	0.00	44.82	303.21	<50	—	<0.30	<0.30	<0.30	<0.60	<10	—	—	—	—	—	—	—	—
MW-1†	11/07/00	348.03	0.00	43.35	304.68	<20	—	0.25	<0.20	0.25	<0.60	<0.30	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—
MW-1†	07/27/01	348.03	0.00	43.96	304.07	<50	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	—	—	—	—	—	—	—
MW-1†	10/19/01	348.03	0.00	44.52	303.51	<50	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	—	—	—	—	—	—	—
MW-1	11/28/01	350.42	Well resurveyed**		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1†	01/15/02	350.42	0.00	43.13	307.29	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—	—	—	—	—
MW-1†	04/09/02	350.42	0.00	45.23	305.19	127	—	3.30	0.60	<0.50	<0.50	2.30	—	—	—	—	—	—	—	—

## Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Chemical Analysis									
		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)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)			
MW-1†	07/23/02	350.42	0.00	45.87	304.55	80.1	—	2.10	<0.50	<0.50	<0.50	0.90	—	—	—	—	—	—	—	—			
MW-1†	10/16/02	350.42	0.00	43.49	306.93	<50.0	—	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—			
MW-1†	01/09/03	350.42	0.00	41.41	309.01	<50.0	—	1.1	<0.50	<0.50	<0.50	—	<0.50	—	<0.50	<0.50	<10	<0.50	<0.50	<0.50			
MW-2	04/12/90	348.45	0.00	44.14	304.31	64,000	—	5,500	7,600	1,900	7,800	—	—	—	—	—	—	—	—	—			
MW-2	10/18/90	348.45	0.00	43.18	305.27	83,000	10,000	6,800	9,100	2,400	11,000	—	—	—	—	—	—	—	—	—			
MW-2	08/06/91	348.45	0.00	39.19	309.26	160,000	—	16,000	25,000	4,300	19,000	—	—	—	—	—	—	—	—	—			
MW-2	01/08/92	348.45	0.02	39.40	309.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	04/30/92	348.45	0.00	40.50	307.95	71,000	—	9,200	19,000	3,700	15,000	—	—	—	—	—	—	—	—	—			
MW-2	07/31/92	348.45	0.15	43.64	304.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	10/27/92	348.45	Trace	43.53	304.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	01/22/93	348.45	Trace	35.55	312.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	04/05/93	348.45	Trace	34.41	314.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	07/06/93	348.45	Trace	35.98	312.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	11/30/93	348.45	0.48	38.78	310.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	01/27/94	348.45	0.01	42.50	305.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	04/25/94	348.45	Trace	40.32	308.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	07/08/94	348.45	Trace	42.46	305.99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	10/05/94	348.45	Trace	42.78	305.67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	02/21/95	348.45	0.12	34.88	313.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	05/03/95	348.45	0.62	35.30	313.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	08/04/95	348.45	0.20	37.21	311.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	11/10/95	348.45	0.24	39.87	308.76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	02/12/96	348.45	Trace	36.16	312.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	05/17/96	348.45	0.00	35.95	312.50	57,000	—	950	3,000	940	6,500	ND	—	—	—	—	—	—	—	—			
MW-2	08/12/96	348.45	0.00	38.45	310.00	86,000	—	18,000	16,000	1,700	10,000	ND	—	—	—	—	—	—	—	—			
MW-2	11/08/96	348.45	0.01	40.27	308.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2	02/12/97	348.45	0.00	34.37	314.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2**	03/17/97	348.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2†	05/13/97	348.45	0.00	37.74	310.71	87,000	—	12,000	14,000	1,300	8,100	ND	—	—	—	—	—	—	—	—			
MW-2	08/12/97	348.45	0.04	40.73	307.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2†	10/31/97	348.45	0.00	41.12	307.33	11,000	—	320	450	300	760	280	—	—	—	—	—	—	—	—			
MW-2†	01/21/98	348.45	0.00	40.75	307.70	27,000	—	300	750	180	2,500	ND	ND	—	—	—	—	—	—	—			
MW-2†	04/24/98	348.45	0.00	36.48	311.97	11,000	—	37	110	110	1,300	72	—	4.40	—	—	—	—	—	—			
MW-2†	07/20/98	348.45	0.00	39.38	309.07	23,000	—	3,200	2,500	510	1,800	ND	—	0.58	—	—	—	—	—	—			
MW-2	10/21/98	348.45	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2†	02/22/99	348.45	0.00	41.26	307.19	14,000	—	660	370	250	1,000	ND	—	3.16	—	—	—	—	—	—			
MW-2†	05/27/99	348.45	0.00	41.57	306.88	12,000	—	930	460	350	1,300	ND	ND	2.86	—	—	—	—	—	—			
MW-2†	09/16/99	348.45	0.00	43.61	304.84	13,000	—	220	100	300	300	99	—	0.26	—	—	—	—	—	—			
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-2†	10/19/01	348.45	0.00	44.67	303.78	13,000	—	110	24	600	72	<3.0	—	—	—	—	—	—	—	—			

## Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
				Water (feet)	Elevation (feet)															
MW-2	11/28/01	350.39	Well resurveyed**																	
MW-2†	01/15/02	350.39	0.00	43.14	307.25	7,280	—	390	230	210	450	150	<0.5	—	—	—	—	—	—	—
MW-2†	04/09/02	350.39	0.00	45.34	305.05	11,200	—	152	42.0	411	104	206	<2.5	—	—	—	—	—	—	—
MW-2†	07/23/02	350.39	0.00	45.91	304.48	18,700	—	107	15.5	383	54	112	<1.0	—	—	—	—	—	—	—
MW-2†	10/16/02	350.39	0.00	43.59	306.80	1,270	—	17.7	8.6	12.2	28.5	12.8	<0.50	—	—	—	—	—	—	—
MW-2†	01/09/03	350.39	0.00	41.46	308.93	11,800	—	256.0	371.0	506	1,250.0	—	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50
MW-3	04/12/90	347.97	0.00	23.18	324.79	2,100	—	32	56	31	170	—	—	—	—	—	—	—	—	—
MW-3	10/18/90	347.97	0.00	14.28	333.69	110	ND	3	3	1	5	—	—	—	—	—	—	—	—	—
MW-3	08/06/91	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	01/08/92	347.97	0.00	32.36	315.61	680	—	8.9	26	8.5	72	—	—	—	—	—	—	—	—	—
MW-3	04/30/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	07/31/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	10/27/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	01/22/93	347.97	0.00	27.30	320.67	2,600	—	240	300	170	440	—	—	—	—	—	—	—	—	—
MW-3	04/05/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	07/06/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	11/30/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	01/27/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	04/25/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	07/08/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	02/21/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	05/03/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	08/04/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	11/10/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	02/12/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	05/17/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	08/12/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	11/08/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	02/12/97	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3†	03/17/97	347.97	0.00	22.39	325.58	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-3†	05/13/97	347.97	0.00	22.18	325.79	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-3†	08/12/97	347.97	0.00	18.56	329.41	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-3	10/31/97	347.97	0.00	17.81	330.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	01/21/98	347.97	0.00	18.81	329.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	04/24/98	347.97	0.00	16.81	331.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	07/20/98	347.97	0.00	18.00	329.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	10/21/98	347.97	0.00	19.37	328.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	02/22/99	347.97	0.00	19.82	328.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	05/27/99	347.97	0.00	18.34	329.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	09/16/99	347.97	0.00	18.53	329.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	11/15/99	347.97	0.00	20.40	327.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	03/02/00	347.97	0.00	18.02	329.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	06/06/00	347.97	0.00	18.33	329.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	08/29/00	347.97	0.00	17.31	330.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	11/07/00	347.97	0.00	17.67	330.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	01/30/01	347.97	0.00	16.61	331.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	04/19/01	347.97	0.00	16.52	331.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
				Water (feet)	Elevation (feet)															
MW-3	07/27/01	347.97	0.00	16.52	331.45	—	—	—	—	—	—	—	—	0.85	—	—	—	—	—	—
MW-3	10/19/01	347.97	0.00	16.75	331.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	11/28/01	350.56	Well resurveyed^^		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	01/15/02	350.56	0.00	16.66	333.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	04/09/02	350.56	0.00	14.83	335.73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	07/23/02	350.56	0.00	17.60	332.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	10/16/02	350.56	0.00	18.24	332.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	01/09/03	350.56	0.00	17.83	332.73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	10/18/90	348.07	0.00	43.16	304.91	9,600	2,000	180	500	200	1,200	—	—	—	—	—	—	—	—	—
MW-4	08/06/91	348.07	0.00	38.65	309.42	8,600	—	320	420	220	650	—	—	—	—	—	—	—	—	—
MW-4	01/08/92	348.07	0.00	38.65	309.42	3,400	—	600	880	220	1,100	—	—	—	—	—	—	—	—	—
MW-4	04/30/92	348.07	0.00	39.88	308.19	7,200	—	650	1,200	210	1,200	—	—	—	—	—	—	—	—	—
MW-4	07/31/92	348.07	0.00	43.07	305.00	3,800	—	320	340	120	360	—	—	—	—	—	—	—	—	—
MW-4	10/27/92	348.07	0.00	42.78	305.29	9,000	—	440	750	190	900	—	—	—	—	—	—	—	—	—
MW-4	01/22/93	348.07	0.00	34.76	313.31	12,000	—	540	1,200	320	1,900	—	—	—	—	—	—	—	—	—
MW-4	04/05/93	348.07	0.00	33.61	314.46	1,100	—	34	18	12	31	—	—	—	—	—	—	—	—	—
MW-4	07/06/93	348.07	0.00	35.37	312.70	4,000	—	220	300	43	440	—	—	—	—	—	—	—	—	—
MW-4	11/30/93	348.07	0.00	37.78	310.29	1,400	—	140	83	54	110	—	—	—	—	—	—	—	—	—
MW-4	01/27/94	348.07	0.00	42.10	305.97	910	—	140	75	24	94	—	—	—	—	—	—	—	—	—
MW-4	04/25/94	348.07	0.00	40.28	307.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	04/26/94	348.07	—	—	—	27,000	—	1,200	1,800	580	2,500	—	—	—	—	—	—	—	—	—
MW-4	07/08/94	348.07	0.00	41.38	306.69	540	—	57	47	17	43	—	—	—	—	—	—	—	—	—
MW-4	10/05/94	348.07	0.00	42.17	305.90	3,200	—	230	280	73	210	—	—	—	—	—	—	—	—	—
MW-4	02/21/95	348.07	0.02	34.87	313.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/03/95	348.07	0.00	34.81	313.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/04/95	348.07	—	—	—	1,700	—	100	200	50	240	—	—	—	—	—	—	—	—	—
MW-4	08/04/95	348.07	0.00	37.18	310.89	2,500	—	92	67	49	150	12	—	—	—	—	—	—	—	—
MW-4	11/10/95	348.07	0.00	39.86	308.21	11,000	—	1,100	590	420	1,200	—	—	—	—	—	—	—	—	—
MW-4	02/12/96	348.07	0.00	36.38	311.69	77	—	4.5	2.4	ND	2.8	17	—	—	—	—	—	—	—	—
MW-4	05/17/96	348.07	0.00	36.00	312.07	470	—	50	ND	ND	8.9	ND	—	—	—	—	—	—	—	—
MW-4	08/12/96	348.07	0.00	38.63	309.44	4,000	—	830	180	160	250	ND	—	—	—	—	—	—	—	—
MW-4	11/08/96	348.07	0.00	40.28	307.79	1,100	—	160	35	41	110	ND	—	—	—	—	—	—	—	—
MW-4	02/12/97	348.07	0.00	34.45	313.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4†	03/17/97	348.07	0.00	37.25	310.82	2,100	—	200	40	54	74	ND	—	—	—	—	—	—	—	—
MW-4†	05/13/97	348.07	0.00	37.92	310.15	2,200	—	320	72	67	100	ND	—	—	—	—	—	—	—	—
MW-4†	08/12/97	348.07	0.00	40.87	307.20	2,200	—	310	31	59	68	ND	—	—	—	—	—	—	—	—
MW-4†	10/31/97	348.07	0.00	41.21	308.86	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	—	—	—	—	—	—

## Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Chemical Analysis									
		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)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)			
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-4†	10/19/01	348.07	0.00	44.75	303.32	680	—	22	9.2	23	130	<0.30	—	—	—	—	—	—	—	—			
MW-4	11/28/01	350.69	Well resurveyed**				—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-4†	01/15/02	350.69	0.00	43.35	307.34	420	—	9.10	4.20	7.90	56.0	1.00	<0.5	—	—	—	—	—	—	—			
MW-4†	04/09/02	350.69	0.00	45.47	305.22	626	—	15.2	8.50	13.8	94.1	0.90	—	—	—	—	—	—	—	—			
MW-4†	07/23/02	350.69	0.00	46.09	304.60	775	—	18.4	9.60	17.2	88.7	2.10	—	—	—	—	—	—	—	—			
MW-4†	10/16/02	350.69	0.00	43.71	306.98	480	—	16.6	7.5	3.8	76.4	<0.5	—	—	—	—	—	—	—	—			
MW-4†	01/09/03	350.69	0.00	41.63	309.06	1,120	—	23.3	20.4	15.8	132.0	—	<0.50	—	<0.50	<0.50	<10	<0.50	1.2	<0.50			
MW-5	10/18/90	347.97	—	**	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	08/06/91	347.97	0.00	34.25	313.72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	01/08/92	347.97	0.00	34.22	313.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	04/30/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	07/31/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	10/27/92	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	01/22/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	04/05/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	07/06/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	11/30/93	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	01/27/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	04/25/94	347.97	0.00	34.23	313.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	07/08/94	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	02/21/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	05/03/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	08/04/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	11/10/95	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	02/12/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	05/17/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	08/12/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	11/08/96	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	02/12/97	347.97	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	03/17/97	347.97	0.00	34.21	313.76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	05/13/97	347.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5***	08/12/97	347.97	0.00	34.22	313.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	10/31/97	347.97	0.00	34.19	313.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	01/21/98	347.97	0.00	31.25	316.72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-5	04/24/98	347.97	0.00	34.21	313.76	—	—	—	—	—	—	—	—	3.43	—	—	—	—	—	—			
MW-5	07/20/98	347.97	0.00	34.21	313.76	—	—	—	—	—	—	—	—	0.55	—	—	—	—	—	—			
MW-5	10/21/98	347.97	0.00	34.20	313.77	—	—	—	—	—	—	—	—	3.07	—	—	—	—	—	—			
MW-5	02/22/99	347.97	0.00	34.25	313.72	—	—	—	—	—	—	—	—	3.45	—	—	—	—	—	—			
MW-5	05/27/99	347.97	0.00	34.01	313.96	—	—	—	—	—	—	—	—	3.14	—	—	—	—	—	—			
MW-5	09/16/99	347.97	0.00	34.10	313.87	—	—	—	—	—	—	—	—	5.48	—	—	—	—	—	—			
MW-5	11/15/99	347.97	0.00	35.21	312.76	—	—	—	—	—	—	—	—	3.44	—	—	—	—	—	—			
MW-5**	03/02/00	347.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			

**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
				Water (feet)	Elevation (feet)															
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	—	—	—	—	—	—
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-5	10/19/01	347.97	0.00	33.75	314.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5**	01/15/02	—	0.00	33.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	02/21/02	350.61	Well resurveyed**		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	04/09/02	350.61	0.00	33.47	317.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	07/23/02	350.61	0.00	34.05	316.56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	10/16/02	350.61	0.00	34.11	316.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	01/09/03	350.61	0.00	34.02	316.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—
MW-6†	05/13/97	348.23	0.00	38.45	309.78	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
MW-6†	08/12/97	348.23	0.00	41.33	306.90	68	—	1.3	ND	ND	ND	—	—	—	—	—	—	—	—	—
MW-6†	10/31/97	348.23	0.00	41.68	306.55	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	—	—	—	—	—	—	—	—	—
MW-6†	04/24/98	348.23	0.00	37.42	310.81	100	—	1.0	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	—	—	1.86	—	—	—	—	—	—
MW-6†	10/21/98	348.23	0.00	42.93	305.30	590	—	9.1	7.7	ND	1.1	—	—	4.63	—	—	—	—	—	—
MW-6†	02/22/99	348.23	0.00	41.83	306.40	170	—	ND	4.4	ND	ND	—	—	3.79	—	—	—	—	—	—

**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
				Water (feet)	Elevation (feet)															
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-6†	10/19/01	348.23	0.00	45.19	303.04	<50	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	—	—	—	—	—	—	—
MW-6	11/28/01	350.90	Well resurveyed <sup>AA</sup>																	
MW-6†	01/15/02	350.90	0.00	43.74	307.16	287	—	17.9	4.40	18.5	61.7	2.00	<0.5	—	—	—	—	—	—	—
MW-6†	04/09/02	350.90	0.00	47.66	303.24	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—	—	—	—	—
MW-6†	07/23/02	350.90	0.00	49.09	301.81	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—	—	—	—	—
MW-6†	10/16/02	350.90	0.00	44.18	306.72	831	—	26.7	2.8	46.2	73.4	<0.5	—	—	—	—	—	—	—	—
MW-6†	01/09/03	350.90	0.00	42.09	308.81	<50.0	—	2.3	<0.50	<0.50	<0.50	—	<0.50	—	<0.50	<0.50	<10	<0.50	<0.50	<0.50
MW-7	10/18/90	347.90	0.00	9.26	338.64	ND	ND	0	0.5	ND	0.8	—	—	—	—	—	—	—	—	—
MW-7	08/06/91	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	01/08/92	347.90	0.00	23.79	324.11	220	—	7.8	1.7	ND	0.55	—	—	—	—	—	—	—	—	—
MW-7	04/30/92	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	07/31/92	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	10/27/92	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	01/22/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	04/05/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	07/06/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	11/30/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	01/27/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	04/25/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	07/08/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	02/21/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	05/03/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	08/04/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	11/10/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	02/12/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	05/17/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	08/12/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	11/08/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	02/12/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	03/17/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	05/13/97	347.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	08/12/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	10/31/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	01/21/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	04/24/98	347.90	0.00	24.44	323.46	—	—	—	—	—	—	—	—	0.45	—	—	—	—	—	—
MW-7	07/20/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	10/21/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
				Water (feet)	Elevation (feet)															
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-7	10/19/01	347.90	0.00	17.27	330.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	11/28/01	350.47	Well resurveyed <sup>AA</sup>		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	01/15/02	350.47	0.00	17.21	333.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	04/09/02	350.47	0.00	15.46	335.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	07/23/02	350.47	0.00	18.40	332.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	10/16/02	350.47	0.00	19.23	331.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	01/09/03	350.47	0.00	18.68	331.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	10/18/90	348.90	0.00	11.30	337.60	900	ND	3	5	7	62	—	—	—	—	—	—	—	—	—
MW-8	08/06/91	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	01/08/92	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	04/30/92	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	07/31/92	348.90	0.00	12.04	336.86	270*	—	ND	ND	ND	1.3	—	—	—	—	—	—	—	—	—
MW-8	10/27/92	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	01/22/93	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	04/05/93	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	07/06/93	348.90	0.00	7.48	341.42	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
MW-8	11/30/93	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	01/27/94	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	04/25/94	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	07/08/94	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	10/05/94	348.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	02/21/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	05/03/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	08/04/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	11/10/95	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	02/12/96	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	05/17/96	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	08/12/96	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	11/08/96	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	02/12/97	348.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—

**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
				Water (feet)	Elevation (feet)															
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-8	10/19/01	348.90	0.00	16.69	332.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	11/28/01	351.45	Well resurveyed^^			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	01/15/02	351.45	0.00	16.75	334.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	04/09/02	351.45	0.00	15.63	335.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	07/23/02	351.45	0.00	17.86	333.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	10/16/02	351.45	0.00	18.58	332.87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	01/09/03	351.45	0.00	17.70	333.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9	02/04/92	348.53	0.00	43.54	304.99	16,000	—	3,000	740	1,200	2,500	—	—	—	—	—	—	—	—	—
MW-9	04/30/92	348.53	0.00	42.83	305.70	5,600	—	1,000	120	410	350	—	—	—	—	—	—	—	—	—
MW-9	07/31/92	348.53	0.00	47.36	301.17	93	—	1,800	1,900	620	940	—	—	—	—	—	—	—	—	—
MW-9	10/27/92	348.53	0.00	48.32	300.21	13,000	—	2,400	1,600	680	1,100	—	—	—	—	—	—	—	—	—
MW-9	01/22/93	348.53	0.00	39.11	309.42	5,600	—	1,200	200	510	350	—	—	—	—	—	—	—	—	—
MW-9	04/05/93	348.53	0.00	37.10	311.43	7,900	—	1,300	510	620	670	—	—	—	—	—	—	—	—	—
MW-9	07/06/93	348.53	0.00	39.21	309.32	3,200	—	510	46	170	150	—	—	—	—	—	—	—	—	—
MW-9	11/30/93	348.53	0.00	40.58	307.95	2,800	—	610	28	220	65	—	—	—	—	—	—	—	—	—
MW-9	01/27/94	348.53	0.00	44.32	304.21	11,000	—	1,400	130	230	700	—	—	—	—	—	—	—	—	—
MW-9	04/25/94	348.53	0.00	43.05	305.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9	04/26/94	348.53	—	—	—	3,900	—	460	56	160	220	—	—	—	—	—	—	—	—	—
MW-9	07/08/94	348.53	0.00	45.72	302.81	2,600	—	340	82	96	220	—	—	—	—	—	—	—	—	—
(Abandoned 08/01/94)																				
MW-10	11/30/93	347.95	0.00	37.97	309.98	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
MW-10	01/27/94	347.95	0.00	42.16	305.79	ND	—	ND	ND	ND	1.2	—	—	—	—	—	—	—	—	—
MW-10	04/25/94	347.95	0.00	40.39	307.56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-10	04/26/94	347.95	—	—	—	810	—	17	0.84	ND	ND	—	—	—	—	—	—	—	—	—
MW-10	07/08/94	347.95	0.00	41.45	306.50	110	—	18	12	3.7	14	—	—	—	—	—	—	—	—	—
MW-10	10/05/94	347.95	0.00	42.28	305.67	87	—	8.0	5.0	0.85	4.5	—	—	—	—	—	—	—	—	—
MW-10	02/21/95	347.95	0.00	35.14	312.81	70	—	3.6	12	1.8	9.5	—	—	—	—	—	—	—	—	—
MW-10	05/03/95	347.95	0.00	35.07	312.88	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
MW-10	08/04/95	347.95	0.00	37.42	310.53	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-10	11/10/95	347.95	0.00	39.95	308.00	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—
MW-10	02/12/96	347.95	0.00	36.57	311.38	ND	—	ND	1.9	ND	1.2	1.2	—	—	—	—	—	—	—	—
MW-10	05/17/96	347.95	0.00	36.18	311.77	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-10	08/12/96	347.95	0.00	38.76	309.19	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—

**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
				Water (feet)	Elevation (feet)															
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	308.44	—	—	—	—	—	—	—	—	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	—	—	—	—	—	—
MW-10	07/27/01	347.95	0.00	44.26	303.69	—	—	—	—	—	—	—	—	3.60	—	—	—	—	—	—
MW-10	10/19/01	347.95	0.00	44.84	303.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-10	11/28/01	350.60	Well resurveyed <sup>AA</sup>																	
MW-10†	01/15/02	350.60	0.00	43.40	307.20	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—	—	—	—	—
MW-10	04/09/02	350.60	0.00	45.56	305.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-10	07/23/02	350.60	0.00	46.21	304.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-10	10/16/02	350.60	0.00	43.80	306.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-10	01/09/03	350.60	0.00	41.71	308.89	<50.0	—	<0.50	<0.50	<0.50	<0.50	—	0.60	—	<0.50	<0.50	<10	<0.50	<0.50	<0.50
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	—	—	—	—	—	—	—	—

### Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	MTBE Dissolved						
				Water Elevation (feet)										Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
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	—	—	—	—	—	—
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-11	10/19/01	347.56	0.00	43.18	304.38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-11	11/28/01	350.16	Well resurveyed^^		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-11†	01/15/02	350.16	0.00	37.10	313.06	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—	—	—	—	—
MW-11	04/09/02	350.16	0.00	43.80	306.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-11†	07/23/02	350.16	0.00	43.88	306.28	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—	—	—	—	—
MW-11	10/16/02	350.16	0.00	43.87	306.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-11†	01/09/03	350.16	0.00	36.13	314.03	<50.0	—	<0.50	<0.50	<0.50	<0.50	—	<0.50	—	<0.50	<0.50	<10	<0.50	<0.50	<0.50
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



### Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
				Water (feet)	Elevation (feet)															
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	—	—	—	—	—	—
MW-12	10/19/01	347.15	0.00	48.22	298.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-12	11/28/01	349.74	Well resurveyed**		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-12†	01/15/02	349.74	0.00	46.69	303.05	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—	—	—	—	—
MW-12	04/09/02	349.74	0.00	48.78	300.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-12	07/23/02	349.74	0.00	49.42	300.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-12	10/16/02	349.74	0.00	47.24	302.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-12†	01/09/03	349.74	0.00	44.99	304.75	<50.0	—	<0.50	<0.50	<0.50	<0.50	—	<0.50	—	<0.50	<0.50	<10	<0.50	<0.50	<0.50
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

### Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Chemical Analysis									
		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)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)			
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-1	10/19/01	348.05	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-1	11/28/01	350.58	—	Well resurveyed^^	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-1	01/15/02	350.58	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-1	04/09/02	350.58	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-1	07/23/02	350.58	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-1	10/16/02	350.58	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-1	01/09/03	350.58	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	11/30/93	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	01/27/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	04/25/94	347.90	0.00	33.82	314.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	07/08/94	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	02/21/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	05/03/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	08/04/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	11/10/95	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	02/12/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	05/17/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	08/12/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	11/08/96	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	02/12/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	03/17/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	05/13/97	347.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	08/12/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	10/31/97	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	01/21/98	347.90	0.00	27.85	320.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	04/24/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	07/20/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	10/21/98	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	02/22/99	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	05/27/99	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	09/16/99	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-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-2	10/19/01	347.90	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	11/28/01	350.42	—	Well resurveyed^^	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	01/15/02	350.42	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	04/09/02	350.42	0.00	25.78	324.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
VMW-2	07/23/02	350.42	0.00	27.21	323.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			

**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
VMW-2	10/16/02	350.42	0.00	26.75	323.67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VMW-2	01/09/02	350.42	0.00	26.26	324.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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-3	10/19/01	348.10	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VMW-3	11/28/01	350.77	Well resurveyed**		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VMW-3	01/15/02	350.77	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VMW-3	04/09/02	350.77	0.00	30.79	319.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VMW-3	07/23/02	350.77	0.00	31.21	319.56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VMW-3	10/16/02	350.77	0.00	31.19	319.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VMW-3	01/09/03	350.77	0.00	31.20	319.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Water (feet)	Groundwater				Ethyl- benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
					Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)											
VMW-4	05/03/95	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	08/04/95	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	11/10/95	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	02/12/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	05/17/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	08/12/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	11/08/96	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	02/12/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	03/17/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	05/13/97	347.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	08/12/97	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	10/19/01	347.95	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	11/28/01	350.32	Well resurveyed <sup>AA</sup>		—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	01/15/02	350.32	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	04/09/02	350.32	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	07/23/02	350.32	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	10/16/02	350.32	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VMW-4	01/09/03	350.32	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
RW-1	11/30/93	347.89	Trace	37.75	310.14	—	—	—	—	—	—	—	—	—	—	—	—	—	
RW-1	01/27/94	347.89	Trace	42.00	305.89	—	—	—	—	—	—	—	—	—	—	—	—	—	
RW-1	04/25/94	347.89	0.02	40.24	307.67	—	—	—	—	—	—	—	—	—	—	—	—	—	
RW-1	07/08/94	347.89	0.15	41.41	306.59	—	—	—	—	—	—	—	—	—	—	—	—	—	
RW-1	10/05/94	347.89	Trace	42.18	305.71	—	—	—	—	—	—	—	—	—	—	—	—	—	
RW-1	02/21/95	347.89	Trace	34.94	312.95	110,000	—	16,000	29,000	2,200	14,000	—	—	—	—	—	—	—	
RW-1	05/03/95	347.89	0.01	34.83	313.07	—	—	—	—	—	—	—	—	—	—	—	—	—	
RW-1	08/04/95	347.89	Trace	37.11	310.78	—	—	—	—	—	—	—	—	—	—	—	—	—	
RW-1	11/10/95	347.89	0.02	39.74	308.17	—	—	—	—	—	—	—	—	—	—	—	—	—	
RW-1	02/12/96	347.89	0.00	47.29	300.60	41,000	—	4,400	12,000	960	6,900	120	—	—	—	—	—	—	
RW-1	05/17/96	347.89	0.00	47.53	300.36	81,000	—	2,700	8,600	1,100	6,300	ND	—	—	—	—	—	—	
RW-1	08/12/96	347.89	0.00	39.75	308.14	140,000	—	12,000	25,000	2,200	15,000	ND	—	—	—	—	—	—	
RW-1	11/08/96	347.89	—	—	—	81,000	—	5,300	11,000	1,300	8,900	ND	—	—	—	—	—	—	

## Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing Elevation (feet)	Product Thickness (feet)	Depth to Groundwater		TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE (ppb)	MTEB (ppb)	Dissolved Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)
				Water (feet)	Elevation (feet)															
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-1†	10/19/01	347.89	0.00	44.72	303.17	12,000	—	810	130	500	580	<5.0	5	—	—	—	—	—	—	—
RW-1	11/28/01	350.43	Well resurveyed <sup>AA</sup>		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RW-1†	01/15/02	350.43	0.00	43.25	307.18	16,100	—	1,020	290	572	964	124	6.9	—	—	—	—	—	—	—
RW-1†	04/09/02	350.43	0.00	45.44	304.99	10,100	—	786	102	523	366	79.0	—	—	—	—	—	—	—	—
RW-1†	07/23/02	350.43	0.00	45.98	304.45	9,300	—	974	93	573	390	57.0	—	—	—	—	—	—	—	—
RW-1†	10/16/02	350.43	0.00	43.73	306.70	10,700	—	971	150	490	653	<5.0	—	—	—	—	—	—	—	—
RW-1†	01/09/03	350.43	0.00	41.57	308.86	16,000	—	990	298	510	1,130	—	6.60	—	<0.50	<0.50	1.67	<0.50	<0.50	<0.50
RW-2	10/05/94	347.82	0.00	43.33	304.49	41,000	—	6,500	6,300	1,000	5,400	—	—	—	—	—	—	—	—	—
RW-2	02/21/95	347.82	0.00	35.05	312.77	45,000	—	6,200	2,600	1,400	5,600	—	—	—	—	—	—	—	—	—
RW-2	05/03/95	347.82	0.00	35.11	312.71	30,000	—	3,600	2,000	1,000	5,700	—	—	—	—	—	—	—	—	—
RW-2	08/04/95	347.82	0.00	37.35	310.47	21,000	—	4,100	1,400	810	3,200	ND	—	—	—	—	—	—	—	—
RW-2	11/10/95	347.82	0.00	41.02	306.80	26,000	—	2,600	990	810	2,700	—	—	—	—	—	—	—	—	—
RW-2	02/12/96	347.82	0.00	38.63	309.19	10,000	—	600	600	230	1,900	ND	—	—	—	—	—	—	—	—
RW-2	05/17/96	347.82	0.00	48.56	299.26	4,000	—	300	64	86	470	10	—	—	—	—	—	—	—	—
RW-2	08/12/96	347.82	0.00	44.74	303.08	5,400	—	1,100	36	320	190	ND	—	—	—	—	—	—	—	—
RW-2	11/08/96	347.82	—	—	—	3,500	—	480	48	150	150	ND	—	—	—	—	—	—	—	—
RW-2	02/12/97	347.82	0.00	48.10	299.72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RW-2†	03/17/97	347.82	0.00	50.90	296.92	1,100	—	180	21	42	56	ND	—	—	—	—	—	—	—	—
RW-2†	05/13/97	347.82	0.00	38.11	309.71	3,500	—	680	93	150	300	ND	—	—	—	—	—	—	—	—
RW-2†	08/12/97	347.82	0.00	44.22	303.60	1,200	—	180	6.7	44	27	ND	—	—	—	—	—	—	—	—
RW-2†	10/31/97	347.82	0.00	49.13	298.69	440	—	8.9	3.6	1.5	90	ND	—	—	—	—	—	—	—	—
RW-2†	01/21/98	347.82	0.00	49.39	298.43	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
RW-2†	04/24/98	347.82	—	—	—	3,000	—	100	12	46	77	28	ND	—	—	—	—	—	—	—
RW-2†	07/20/98	347.82	0.00	47.16	300.66	480	—	20	6.9	7.7	9.6	ND	—	1.72	—	—	—	—	—	—
RW-2†	10/21/98	347.82	0.00	46.08	301.74	780	—	4.4	6.1	2.8	3.9	ND	—	2.18	—	—	—	—	—	—
RW-2†	02/22/99	347.82	0.00	44.31	303.51	2,300	—	87	11	33	27	ND	—	3.07	—	—	—	—	—	—
RW-2†	05/27/99	347.82	0.00	44.15	303.67	310	—	1.4	4.5	0.6	1.7	ND	—	2.83	—	—	—	—	—	—

### Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Dissolved									
		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 (ppb)	MTBE (ppb)	Oxygen (mg/L)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)			
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-2†	10/19/01	347.82	0.00	50.24	297.58	<50	—	<0.20	<0.20	<0.20	<0.60	<0.30	—	—	—	—	—	—	—				
RW-2	11/28/01	350.42	Well resurveyed^^																				
RW-2†	01/15/02	350.42	0.00	46.88	303.54	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—	—	—	—				
RW-2†	04/09/02	350.42	0.00	50.86	299.56	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—	—	—	—				
RW-2	07/23/02	350.42	0.00	51.77	298.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
RW-2†	10/16/02	350.42	0.00	47.01	303.41	<50.0	—	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—				
RW-2†	01/09/03	350.42	0.00	43.42	307.00	1,020	—	17	30.1	51.9	110	—	<0.50	—	<0.50	<0.50	<10	<0.50	1.7	<0.50			
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	180	—	20	11	2.1	17	4.8	—	—	—	—	—	—	—	—			
RW-3†	10/31/97	347.92	0.00	48.18	299.74	330	—	11	14	4.4	32	10	—	—	—	—	—	—	—	—			
RW-3†	01/21/98	347.92	0.00	46.31	301.61	50	—	1.4	0.9	0.4	2.1	ND	—	—	—	—	—	—	—	—			
RW-3†	04/24/98	347.92	—	—	—	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—			
RW-3†	07/20/98	347.92	0.00	46.81	301.11	80	—	0.6	1.0	ND	ND	ND	—	2.87	—	—	—	—	—	—			
RW-3	10/21/98	347.92	—	Dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
RW-3†	02/22/99	347.92	0.00	44.17	303.75	ND	—	ND	ND	ND	ND	ND	—	3.42	—	—	—	—	—	—			
RW-3†	05/27/99	347.92	0.00	44.40	303.52	ND	—	ND	ND	ND	ND	ND	—	3.18	—	—	—	—	—	—			
RW-3†^	09/16/99	347.92	0.00	44.58	303.34	45,000	—	960	5,700	1,200	5,000	200	—	8.45	—	—	—	—	—	—			
RW-3†^	10/04/99	347.92	—	—	—	ND	—	ND	0.6	ND	ND	ND	—	—	—	—	—	—	—	—			
RW-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-3†	10/19/01	347.92	0.00	46.96	300.96	<50	—	<0.20	<0.20	<0.20	<0.60	1.5	<2	—	—	—	—	—	—	—			



### Summary of Groundwater Monitoring and Chemical Analysis

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Chemical Analysis									
		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)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)			
MW-1#	02/02/93	351.18	0.00	37.76	313.42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	03/01/93	351.18	0.00	36.26	314.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	04/14/93	351.18	0.00	36.56	314.62	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-1#	05/14/93	351.18	0.00	37.27	313.91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	06/15/93	351.18	0.00	38.02	313.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	07/06/93	351.18	0.00	38.06	313.12	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-1#	11/30/93	350.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	01/27/94	350.78	0.00	43.41	307.37	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-1#	04/25/94	350.78	0.00	45.32	305.46	ND	—	ND	3.5	ND	3.4	—	—	—	—	—	—	—	—	—			
MW-1#	07/08/94	350.78	0.00	46.26	304.52	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-1#	10/05/94	350.78	0.00	47.26	303.52	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-1#	01/04/95	350.78	0.00	44.98	305.80	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-1#	05/03/95	350.78	0.00	36.75	314.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	08/04/95	350.78	0.00	38.54	312.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	11/10/95	350.78	0.00	40.97	309.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	02/12/96	350.78	0.00	37.58	313.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	08/19/96	350.78	0.00	39.01	311.77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-1#	02/12/97	350.78	0.00	36.25	314.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2#	12/16/92	349.83	—	—	—	1,600	—	28	ND	5.1	5.6	—	—	—	—	—	—	—	—	—			
MW-2#	02/02/93	349.83	0.00	39.18	310.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2#	03/01/93	349.83	0.00	34.33	315.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2#	04/14/93	349.83	0.00	37.56	312.27	4,300	—	7.2	5.8	13	10	—	—	—	—	—	—	—	—	—			
MW-2#	05/14/93	349.83	0.00	37.49	312.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2#	06/15/93	349.83	0.00	39.34	310.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2#	07/06/93	349.83	0.00	37.82	312.01	4,700	—	17	15	30	28	—	—	—	—	—	—	—	—	—			
MW-2#	11/30/93	349.51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2#	01/27/94	349.51	0.00	43.15	306.36	1,500	—	28	9.0	ND	20	—	—	—	—	—	—	—	—	—			
MW-2#	04/25/94	349.51	0.00	41.90	307.61	1,100	—	19	1.7	2.5	8.8	—	—	—	—	—	—	—	—	—			
MW-2#	07/08/94	349.51	0.00	42.75	306.76	1,100	—	17	ND	ND	6	—	—	—	—	—	—	—	—	—			
MW-2#	10/05/94	349.51	0.00	43.50	306.01	240	—	4.7	2.5	0.52	2.6	—	—	—	—	—	—	—	—	—			
MW-2#	01/04/95	349.51	0.00	44.75	304.76	2,000	—	23	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-2#	05/03/95	349.51	0.00	36.98	312.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-2#	08/04/95	349.51	0.00	39.15	310.36	2,000	—	40	ND	17	43	—	—	—	—	—	—	—	—	—			
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	—	—	—	—	—	—	—	—	—			



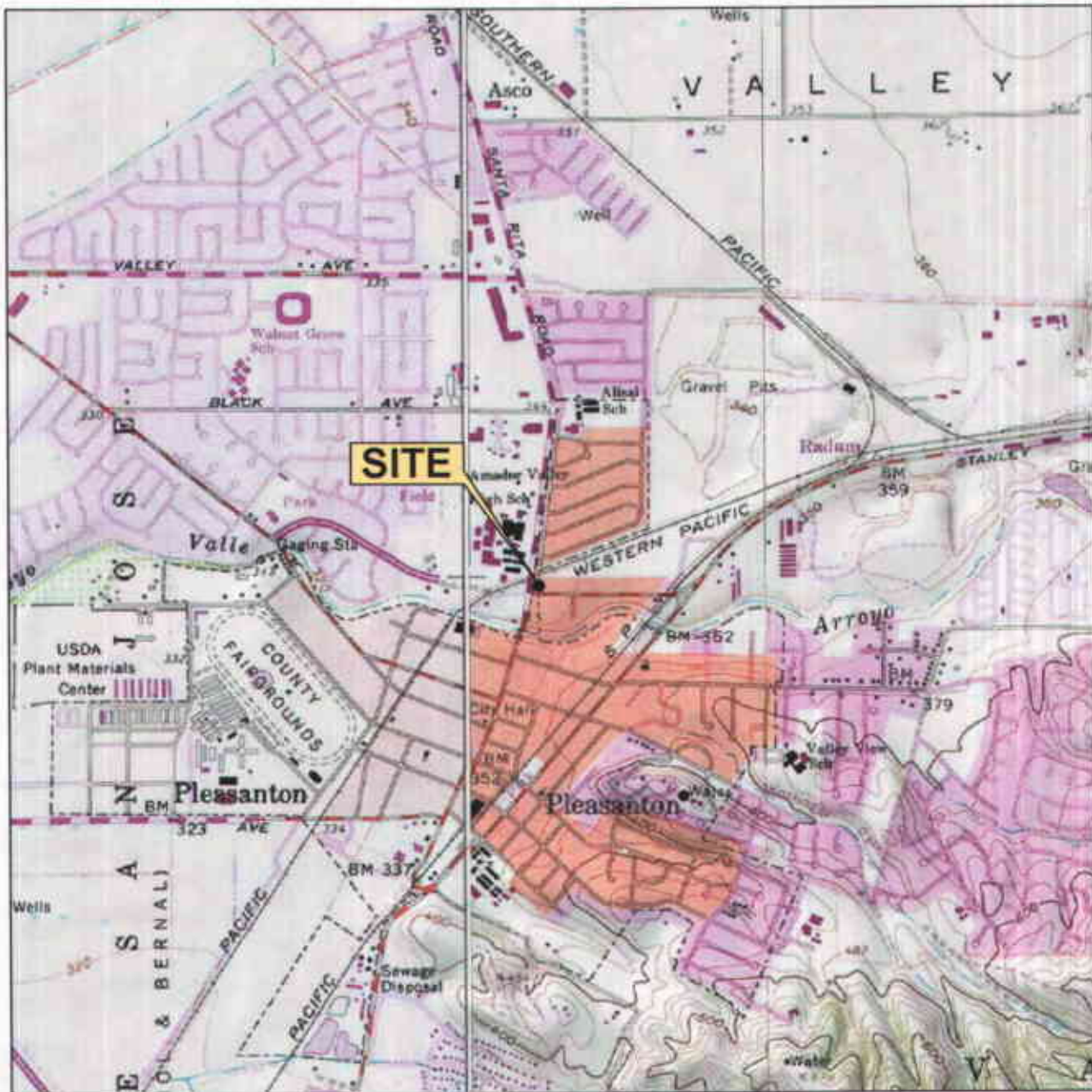
**Summary of Groundwater Monitoring and Chemical Analysis**

Former Mobil Station 04-H6J

Sample ID	Date	Casing				Product				Depth to Groundwater				Chemical Analysis									
		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)	ETBE (ppb)	TAME (ppb)	TBA (ppb)	EDB (ppb)	1,2 DCA (ppb)	DIPE (ppb)			
MW-3#	04/25/94	351.04	0.00	43.23	307.81	ND	—	ND	1.4	ND	1.8	—	—	—	—	—	—	—	—	—			
MW-3#	07/08/94	351.04	0.00	44.01	307.03	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-3#	10/05/94	351.04	0.00	44.66	306.38	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-3#	01/04/95	351.04	0.00	44.90	306.14	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-3#	05/03/95	351.04	0.00	38.61	312.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-3#	08/04/95	351.04	0.00	40.75	310.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-3#	11/10/95	351.04	0.00	42.68	308.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-3#	02/12/96	351.04	0.00	39.54	311.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-3#	08/19/96	351.04	0.00	41.80	309.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-3#	02/12/97	351.04	0.00	37.74	313.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
MW-4#	01/27/94	350.14	0.00	43.37	306.77	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—			
MW-4#	04/25/94	350.14	0.00	42.28	307.86	ND	—	ND	1.2	ND	1.5	—	—	—	—	—	—	—	—	—			
MW-4#	07/08/94	350.14	0.00	43.20	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.
- ^^ = All wells except MW-5 resurveyed on 11/28/01 by Doble Thomas Associates; MW-5 resurveyed on 2/21/02 by Doble Thomas Associates.



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**

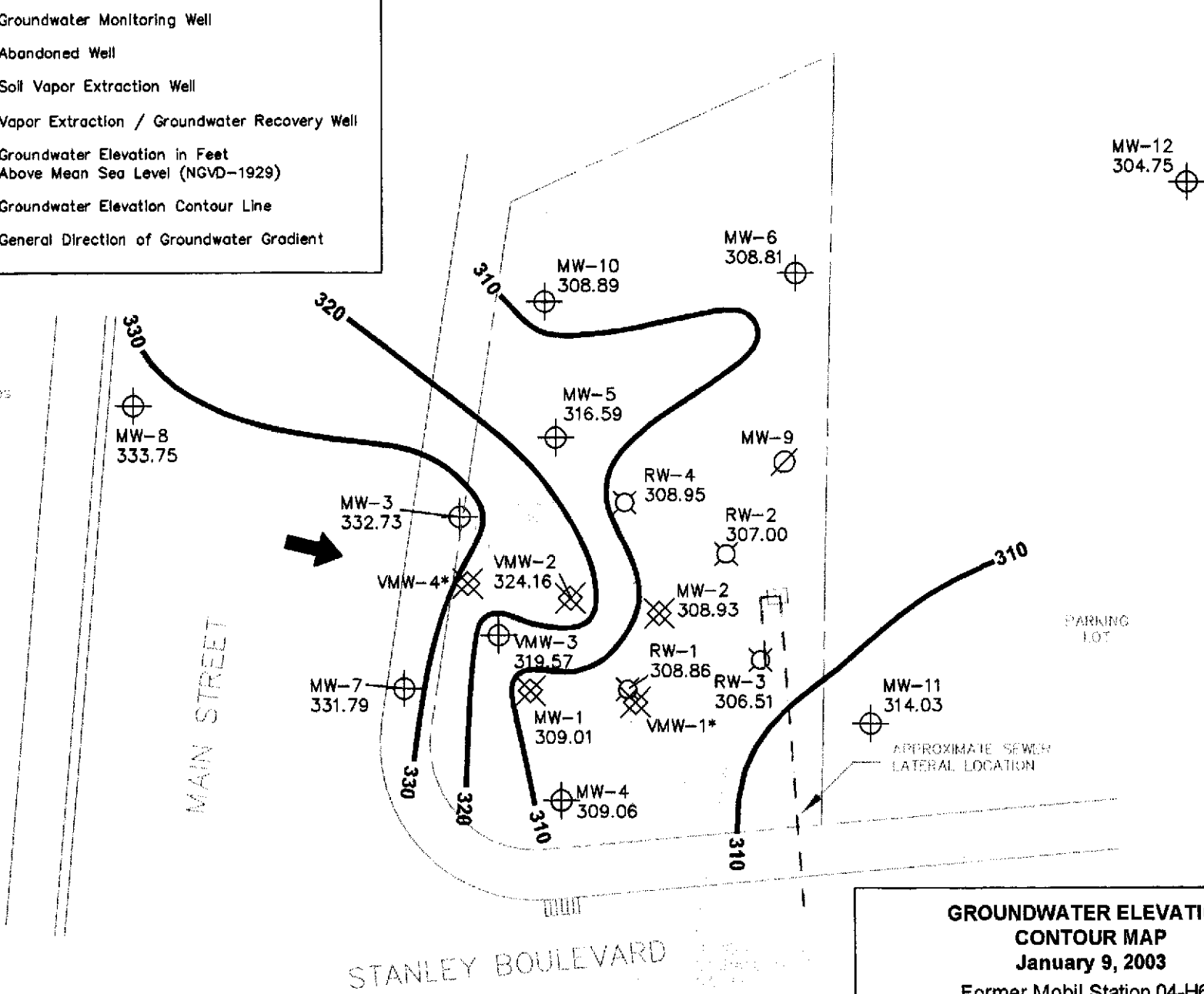
Former Mobil Station 04-H6J  
1024 Main Street  
Pleasanton, California

**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
309.01	Groundwater Elevation in Feet Above Mean Sea Level (NGVD-1929)
310	Groundwater Elevation Contour Line
	General Direction of Groundwater Gradient

NOTE: Site plan updated per well survey by Doble Thomas Associates on 11/28/01 (all wells except MW-b) and 2/21/02 (MW-5).



NOTES:  
 Contour lines are interpretive based on fluid-level measurements collected January 9, 2003. Contour interval = 10 feet. \* = Dry well.








**GROUNDWATER ELEVATION  
 CONTOUR MAP**  
**January 9, 2003**  
 Former Mobil Station 04-H6J  
 1024 Main Street  
 Pleasanton, California

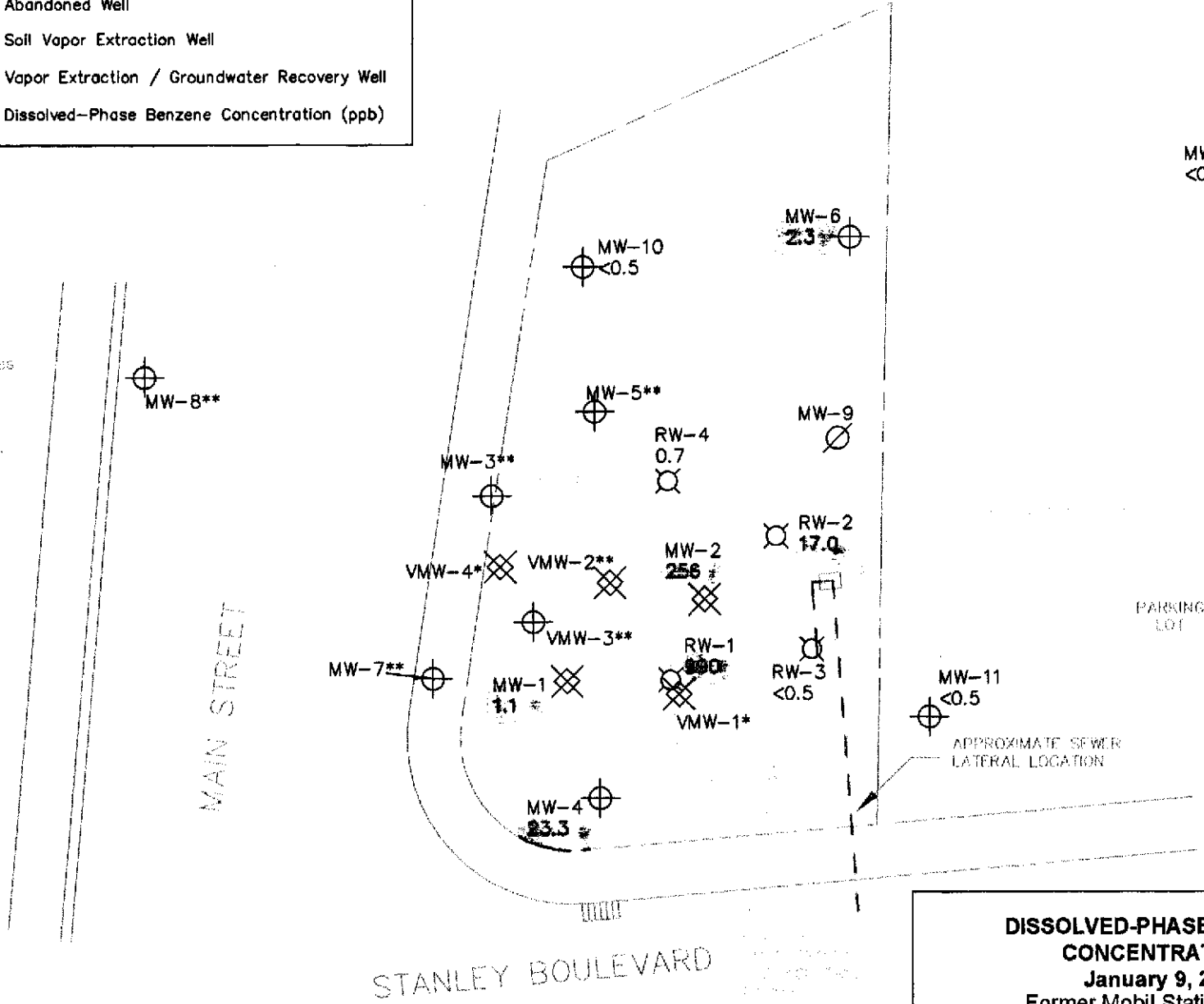
**TRC**

**FIGURE 2**

**LEGEND**

- MW-10  Groundwater Monitoring Well
- MW-9  Abandoned Well
- VMW-4  Soil Vapor Extraction Well
- RW-3  Vapor Extraction / Groundwater Recovery Well
- <0.5  Dissolved-Phase Benzene Concentration (ppb)

NOTE: Site plan updated per well survey by Doole Thomas Associates on 11/28/01 (all wells except MW-5) and 2/21/02 (MW-5).



**NOTES:**

Results are based on laboratory analysis of groundwater samples collected on January 9, 2003. 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**  
**January 9, 2003**  
 Former Mobil Station 04-H6J  
 1024 Main Street  
 Pleasanton, California

**TRC**

**FIGURE 3**

**EXHIBIT 4**

**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 5**

**MONITORING WELL SAMPLING FORMS**



**FLUID MEASUREMENT FIELD FORM**

Project No.: 30006580

TRC Alton Personnel: J. Chidester

Station No.: 04-H6J

Date: 1/9/03

Well Number	Screen Interval	Depth to Water	Depth to Product	Free Product Thickness (ft)	Free Product Recovery	Total Depth	Dissolved O <sub>2</sub> (mg/L)	Comments
MW-8		17.70						
MW-5		34.02						
MW-3		17.83						
MW-7		18.68						
VMW-1		DRY				30.05		
VMW-2		26.26				27.50		
VMW-3		31.20				31.80		
VMW-4		DRY				12.47		
* MW-10		41.71						
* MW-11		36.13						
* MW-12		44.99						
* RW-2		43.42						
* RW-3		44.02						
* MW-1		41.41						
* RW-4		41.97						
* MW-4		41.63						
* MW-2		41.46						
* MW-6		42.09						
* RW-1		41.57						

# GROUND WATER SAMPLING FIELD NOTES

Site: 04-H6J Project No.: 30006580 Sampled By: J. Chidester Date: 1/9/03

Well No. MW-10

Purge Method: No Purge

Well No. RW-2

Purge Method: No Purge

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)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				1.44	60.6	6.99
Total Purged				Time Sampled		1100
Comments:						
Turbidity=						

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				1.68	60.0	6.47
Total Purged				Time Sampled		1120
Comments:						
Turbidity=						

Well No. RW-3

Purge Method: No Purge

Well No. RW-4

Purge Method: No Purge

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)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				1.98	60.7	6.54
Total Purged				Time Sampled		1140
Comments:						
Turbidity=						

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				1.42	59.2	6.70
Total Purged				Time Sampled		1200
Comments:						
Turbidity=						

Well No. MW-2

Purge Method: No Purge

Well No. RW-1

Purge Method: No Purge

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)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				1.12	59.8	5.9 ?
Total Purged				Time Sampled		1220
Comments: pH questionable						
Turbidity=						

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				1.04	62.3	6.97
Total Purged				Time Sampled		1240
Comments: Switched to HANNA meter						
Turbidity=						

# GROUND WATER SAMPLING FIELD NOTES

Site: 04-H6J Project No.: 30006380 Sampled By: J. Chidester Date: 1/9/03

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

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				0.59	61.8	7.43
Total Purged				Time Sampled		1300
Comments:						
Turbidity=						

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				0.61	63.5	7.10
Total Purged				Time Sampled		1320
Comments:						
Turbidity=						

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

Well No. MW-11 Purge Method: No Purge  
 Total Depth (feet): \_\_\_\_\_ Depth to Product (feet): \_\_\_\_\_  
 Depth to Water (feet): \_\_\_\_\_ Product Recovered (gallons): \_\_\_\_\_  
 Water Column (feet): \_\_\_\_\_ Casing Diameter (Inches): \_\_\_\_\_  
 80% Recharge Depth (feet): \_\_\_\_\_ 1 Well Volume (gallons): \_\_\_\_\_

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				0.73	63.0	6.86
Total Purged				Time Sampled		1340
Comments:						
Turbidity=						

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				1.99	67.0	6.81
Total Purged				Time Sampled		1400
Comments:						
Turbidity=						

Well No. MW-12 Purge Method: No Purge  
 Total Depth (feet): \_\_\_\_\_ Depth to Product (feet): \_\_\_\_\_  
 Depth to Water (feet): \_\_\_\_\_ Product Recovered (gallons): \_\_\_\_\_  
 Water Column (feet): \_\_\_\_\_ Casing Diameter (Inches): \_\_\_\_\_  
 80% Recharge Depth (feet): \_\_\_\_\_ 1 Well Volume (gallons): \_\_\_\_\_

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
				0.71	62.5	7.08
Total Purged				Time Sampled		1420
Comments:						
Turbidity=						

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
Total Purged				Time Sampled		
Comments:						
Turbidity=						

**EXHIBIT 6**

**ANALYTICAL LABORATORY DATA SHEETS**

# TestAmerica

INCORPORATED

1/20/03

TRC ALTON 3879  
CHRIS BROWN  
5052 COMMERCIAL CIRCLE  
CONCORD, CA 94520

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project 30006580 EXXONMOBIL 04-H6J. The Laboratory Project number is 316228.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report.

Sample Identification	Lab Number	Page 1 Collection Date
-----	-----	-----
MW-10	03-A4353	1/ 9/03
RW-2	03-A4354	1/ 9/03
RW-3	03-A4355	1/ 9/03
RW-4	03-A4356	1/ 9/03
MW-2	03-A4357	1/ 9/03
RW-1	03-A4358	1/ 9/03
MW-1	03-A4359	1/ 9/03
MW-4	03-A4360	1/ 9/03
MW-6	03-A4361	1/ 9/03
MW-11	03-A4362	1/ 9/03
MW-12	03-A4363	1/ 9/03

# TestAmerica

INCORPORATED

Page 2

Sample Identification

Lab Number

Collection Date

These results relate only to the items tested.  
This report shall not be reproduced except in full and with  
permission of the laboratory.

Report Approved By:

Michael H. Dunn

Report Date: 1/20/03

Paul E. Lane, Jr., Lab Director  
Michael H. Dunn, M.S., Technical Director  
Johnny A. Mitchell, Dir. Technical Serv.  
Eric S. Smith, Assistant Technical Director  
Roxanne L. Connor, Technical Services

Gail A. Lage, Technical Serv.  
Glenn L. Norton, Technical Serv.  
Kelly S. Comstock, Technical Serv.  
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 01168CA

## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4353  
 Sample ID: MW-10  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 11:00  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Benzene	ND	ug/L	0.5	1.0	1/15/03	1:09	D.Ramey	8021B	4989
Ethylbenzene	ND	ug/L	0.5	1.0	1/15/03	1:09	D.Ramey	8021B	4989
Toluene	ND	ug/L	0.5	1.0	1/15/03	1:09	D.Ramey	8021B	4989
Xylenes (Total)	ND	ug/L	0.5	1.0	1/15/03	1:09	D.Ramey	8021B	4989
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/15/03	1:09	D.Ramey	8015B	4989
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/17/03	15:09	C. Spry	8260B	8752
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/17/03	15:09	C. Spry	8260B	8752
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/17/03	15:09	C. Spry	8260B	8752
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/17/03	15:09	C. Spry	8260B	8752
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/17/03	15:09	C. Spry	8260B	8752
Methyl-t-butyl ether	0.60	ug/L	0.50	1.0	1/17/03	15:09	C. Spry	8260B	8752
Diisopropyl ether	ND	ug/L	0.50	1.0	1/17/03	15:09	C. Spry	8260B	8752

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	103.	69. - 132.
VOA Surr 1,2-DCA-d4	94.	73. - 133.
VOA Surr Toluene-d8	95.	80. - 121.
VOA Surr, 4-BFB	99.	80. - 128.
VOA Surr, DBFM	96.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4353

Sample ID: MW-10

Project: 30006580

Page 2

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.



## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4354  
 Sample ID: RW-2  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 11:20  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	17.0	ug/L	0.5	1.0	1/15/03	1:41	D.Ramey	8021B	4989
Ethylbenzene	51.9	ug/L	0.5	1.0	1/15/03	1:41	D.Ramey	8021B	4989
Toluene	30.1	ug/L	0.5	1.0	1/15/03	1:41	D.Ramey	8021B	4989
Xylenes (Total)	110.	ug/L	0.5	1.0	1/15/03	1:41	D.Ramey	8021B	4989
TPH (Gasoline Range)	1020	ug/L	50.0	1.0	1/15/03	1:41	D.Ramey	8015B	4989
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/17/03	15:39	C. Spry	8260B	8752
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/17/03	15:39	C. Spry	8260B	8752
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/17/03	15:39	C. Spry	8260B	8752
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/17/03	15:39	C. Spry	8260B	8752
1,2-Dichloroethane	1.70	ug/L	0.50	1.0	1/17/03	15:39	C. Spry	8260B	8752
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/17/03	15:39	C. Spry	8260B	8752
Diisopropyl ether	ND	ug/L	0.50	1.0	1/17/03	15:39	C. Spry	8260B	8752

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	87.	69. - 132.
VOA Surr 1,2-DCA-d4	96.	73. - 133.
VOA Surr Toluene-d8	96.	80. - 121.
VOA Surr, 4-BFB	97.	80. - 128.
VOA Surr, DBFM	94.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4354  
Sample ID: RW-2  
Project: 30006580  
Page 2

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4355  
 Sample ID: RW-3  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 11:40  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	ND	ug/L	0.5	1.0	1/15/03	2:12	D.Ramey	8021B	4989
Ethylbenzene	ND	ug/L	0.5	1.0	1/15/03	2:12	D.Ramey	8021B	4989
Toluene	ND	ug/L	0.5	1.0	1/15/03	2:12	D.Ramey	8021B	4989
Xylenes (Total)	ND	ug/L	0.5	1.0	1/15/03	2:12	D.Ramey	8021B	4989
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/15/03	2:12	D.Ramey	8015B	4989
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	19:59	C. Spry	8260B	7642
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	19:59	C. Spry	8260B	7642
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	19:59	C. Spry	8260B	7642
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	19:59	C. Spry	8260B	7642
1,2-Dichloroethane	3.20	ug/L	0.50	1.0	1/16/03	19:59	C. Spry	8260B	7642
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	19:59	C. Spry	8260B	7642
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	19:59	C. Spry	8260B	7642

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	103.	69. - 132.
VOA Surr 1,2-DCA-d4	99.	73. - 133.
VOA Surr Toluene-d8	96.	80. - 121.
VOA Surr, 4-BFB	98.	80. - 128.
VOA Surr, DBFM	94.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4355  
Sample ID: RW-3  
Project: 30006580  
Page 2

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4356  
 Sample ID: RW-4  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 12:00  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	0.7	ug/L	0.5	1.0	1/15/03	3:46	D.Ramey	8021B	4989
Ethylbenzene	ND	ug/L	0.5	1.0	1/15/03	3:46	D.Ramey	8021B	4989
Toluene	ND	ug/L	0.5	1.0	1/15/03	3:46	D.Ramey	8021B	4989
Xylenes (Total)	ND	ug/L	0.5	1.0	1/15/03	3:46	D.Ramey	8021B	4989
TPH (Gasoline Range)	64.9	ug/L	50.0	1.0	1/15/03	3:46	D.Ramey	8015B	4989
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	20:30	C. Spry	8260B	7642
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	20:30	C. Spry	8260B	7642
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	20:30	C. Spry	8260B	7642
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	20:30	C. Spry	8260B	7642
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	20:30	C. Spry	8260B	7642
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	20:30	C. Spry	8260B	7642
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	20:30	C. Spry	8260B	7642

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TPT	100.	69. - 132.
VOA Surr 1,2-DCA-d4	99.	73. - 133.
VOA Surr Toluene-d8	95.	80. - 121.
VOA Surr, 4-BFB	98.	80. - 128.
VOA Surr, DBFM	94.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4356  
Sample ID: RW-4  
Project: 30006580  
Page 2

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4357  
 Sample ID: MW-2  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 12:20  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	256.	ug/L	2.5	5.0	1/15/03	13:51	D.Ramey	8021B	7187
Ethylbenzene	506.	ug/L	2.5	5.0	1/15/03	13:51	D.Ramey	8021B	7187
Toluene	371.	ug/L	2.5	5.0	1/15/03	13:51	D.Ramey	8021B	7187
Xylenes (Total)	1250	ug/L	25.0	50.0	1/15/03	4:17	D.Ramey	8021B	4989
TPH (Gasoline Range)	11800	ug/L	250.	5.0	1/15/03	13:51	D.Ramey	8015B	7187
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	21:00	C. Spry	8260B	7642
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	21:00	C. Spry	8260B	7642
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	21:00	C. Spry	8260B	7642
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	21:00	C. Spry	8260B	7642
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	21:00	C. Spry	8260B	7642
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	21:00	C. Spry	8260B	7642
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	21:00	C. Spry	8260B	7642

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	132.	69. - 132.
VOA Surr 1,2-DCA-d4	94.	73. - 133.
VOA Surr Toluene-d8	96.	80. - 121.
VOA Surr, 4-BPB	96.	80. - 128.
VOA Surr, DBFM	92.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4357

Sample ID: MW-2

Project: 30006580

Page 2

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.



# TestAmerica

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## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4358  
 Sample ID: RW-1  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 12:40  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Benzene	990.	ug/L	10.0	20.0	1/15/03	4:48	D.Ramey	8021B	4989
Ethylbenzene	510.	ug/L	10.0	20.0	1/15/03	4:48	D.Ramey	8021B	4989
Toluene	298.	ug/L	10.0	20.0	1/15/03	4:48	D.Ramey	8021B	4989
Xylenes (Total)	1130	ug/L	10.0	20.0	1/15/03	4:48	D.Ramey	8021B	4989
TPH (Gasoline Range)	16000	ug/L	1000	20.0	1/15/03	4:48	D.Ramey	8015B	4989
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/17/03	18:40	C. Spry	8260B	8752
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/17/03	18:40	C. Spry	8260B	8752
Tertiary butyl alcohol	197.	ug/L	10.0	1.0	1/17/03	18:40	C. Spry	8260B	8752
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/17/03	18:40	C. Spry	8260B	8752
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/17/03	18:40	C. Spry	8260B	8752
Methyl-t-butyl ether	6.60	ug/L	0.50	1.0	1/17/03	18:40	C. Spry	8260B	8752
Diisopropyl ether	ND	ug/L	0.50	1.0	1/17/03	18:40	C. Spry	8260B	8752

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	83.	69. - 132.
VOA Surr 1,2-DCA-d4	96.	73. - 133.
VOA Surr Toluene-d8	97.	80. - 121.
VOA Surr, 4-BFB	97.	80. - 128.
VOA Surr, DBFM	95.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4358  
Sample ID: RW-1  
Project: 30006580  
Page 2

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4359  
 Sample ID: MW-1  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 13:00  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	1.1	ug/L	0.5	1.0	1/15/03	5:20	D.Ramey	8021B	4989
Ethylbenzene	ND	ug/L	0.5	1.0	1/15/03	5:20	D.Ramey	8021B	4989
Toluene	ND	ug/L	0.5	1.0	1/15/03	5:20	D.Ramey	8021B	4989
Xylenes (Total)	ND	ug/L	0.5	1.0	1/15/03	5:20	D.Ramey	8021B	4989
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/15/03	5:20	D.Ramey	8015B	4989
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	21:30	C. Spry	8260B	7642
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	21:30	C. Spry	8260B	7642
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	21:30	C. Spry	8260B	7642
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	21:30	C. Spry	8260B	7642
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	21:30	C. Spry	8260B	7642
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	21:30	C. Spry	8260B	7642
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	21:30	C. Spry	8260B	7642

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	100.	69. - 132.
VOA Surr 1,2-DCA-d4	98.	73. - 133.
VOA Surr Toluene-d8	95.	80. - 121.
VOA Surr, 4-BFB	98.	80. - 128.
VOA Surr, DBFM	96.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4359  
Sample ID: MW-1  
Project: 30006580  
Page 2

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4360  
 Sample ID: MW-4  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 13:20  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	23.3	ug/L	0.5	1.0	1/15/03	5:51	D.Ramey	8021B	4989
Ethylbenzene	15.8	ug/L	0.5	1.0	1/15/03	5:51	D.Ramey	8021B	4989
Toluene	20.4	ug/L	0.5	1.0	1/15/03	5:51	D.Ramey	8021B	4989
Xylenes (Total)	132.	ug/L	0.5	1.0	1/15/03	5:51	D.Ramey	8021B	4989
TPH (Gasoline Range)	1120	ug/L	50.0	1.0	1/15/03	5:51	D.Ramey	8015B	4989
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	22:00	C. Spry	8260B	7642
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	22:00	C. Spry	8260B	7642
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	22:00	C. Spry	8260B	7642
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	22:00	C. Spry	8260B	7642
1,2-Dichloroethane	1.20	ug/L	0.50	1.0	1/16/03	22:00	C. Spry	8260B	7642
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	22:00	C. Spry	8260B	7642
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	22:00	C. Spry	8260B	7642

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	80.	69. - 132.
VOA Surr 1,2-DCA-d4	95.	73. - 133.
VOA Surr Toluene-d8	95.	80. - 121.
VOA Surr, 4-BFB	97.	80. - 128.
VOA Surr, DBFM	93.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4360  
Sample ID: MW-4  
Project: 30006580  
Page 2

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4361  
 Sample ID: MW-6  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 13:40  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	2.3	ug/L	0.5	1.0	1/15/03	6:22	D. Ramey	8021B	4989
Ethylbenzene	ND	ug/L	0.5	1.0	1/15/03	6:22	D. Ramey	8021B	4989
Toluene	ND	ug/L	0.5	1.0	1/15/03	6:22	D. Ramey	8021B	4989
Xylenes (Total)	ND	ug/L	0.5	1.0	1/15/03	6:22	D. Ramey	8021B	4989
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/15/03	6:22	D. Ramey	8015B	4989
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	22:31	C. Spry	8260B	7642
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	22:31	C. Spry	8260B	7642
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	22:31	C. Spry	8260B	7642
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	22:31	C. Spry	8260B	7642
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	22:31	C. Spry	8260B	7642
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	22:31	C. Spry	8260B	7642
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	22:31	C. Spry	8260B	7642

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	99.	69. - 132.
VOA Surr 1,2-DCA-d4	99.	73. - 133.
VOA Surr Toluene-d8	95.	80. - 121.
VOA Surr, 4-BFB	99.	80. - 128.
VOA Surr, DBFM	97.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4361  
Sample ID: MW-6  
Project: 30006580  
Page 2

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.



# TestAmerica

INCORPORATED

## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4362  
 Sample ID: MW-11  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 14:00  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Benzene	ND	ug/L	0.5	1.0	1/15/03	6:53	D.Ramey	8021B	4989
Ethylbenzene	ND	ug/L	0.5	1.0	1/15/03	6:53	D.Ramey	8021B	4989
Toluene	ND	ug/L	0.5	1.0	1/15/03	6:53	D.Ramey	8021B	4989
Xylenes (Total)	ND	ug/L	0.5	1.0	1/15/03	6:53	D.Ramey	8021B	4989
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/15/03	6:53	D.Ramey	8015B	4989
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	23:01	C. Spry	8260B	7642
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	23:01	C. Spry	8260B	7642
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	23:01	C. Spry	8260B	7642
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	23:01	C. Spry	8260B	7642
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	23:01	C. Spry	8260B	7642
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	23:01	C. Spry	8260B	7642
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	23:01	C. Spry	8260B	7642

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	104.	69. - 132.
VOA Surr 1,2-DCA-d4	99.	73. - 133.
VOA Surr Toluene-d8	96.	80. - 121.
VOA Surr, 4-BFB	98.	80. - 128.
VOA Surr, DBFM	95.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4362

Sample ID: MW-11

Project: 30006580

Page 2

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

TRC ALTON 3879  
 CHRIS BROWN  
 5052 COMMERCIAL CIRCLE  
 CONCORD, CA 94520

Lab Number: 03-A4363  
 Sample ID: MW-12  
 Sample Type: Water  
 Site ID: 04-H6J

Project: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Sampler: JAMES CHIDESTER

Date Collected: 1/ 9/03  
 Time Collected: 14:20  
 Date Received: 1/11/03  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	ND	ug/L	0.5	1.0	1/15/03	7:24	D. Ramey	8021B	4989
Ethylbenzene	ND	ug/L	0.5	1.0	1/15/03	7:24	D. Ramey	8021B	4989
Toluene	ND	ug/L	0.5	1.0	1/15/03	7:24	D. Ramey	8021B	4989
Xylenes (Total)	ND	ug/L	0.5	1.0	1/15/03	7:24	D. Ramey	8021B	4989
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/15/03	7:24	D. Ramey	8015B	4989
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	1/16/03	23:31	C. Spry	8260B	7642
tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/16/03	23:31	C. Spry	8260B	7642
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	1/16/03	23:31	C. Spry	8260B	7642
1,2-Dibromoethane	ND	ug/L	0.50	1.0	1/16/03	23:31	C. Spry	8260B	7642
1,2-Dichloroethane	ND	ug/L	0.50	1.0	1/16/03	23:31	C. Spry	8260B	7642
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	1/16/03	23:31	C. Spry	8260B	7642
Diisopropyl ether	ND	ug/L	0.50	1.0	1/16/03	23:31	C. Spry	8260B	7642

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	104.	69. - 132.
VOA Surr 1,2-DCA-d4	96.	73. - 133.
VOA Surr Toluene-d8	96.	80. - 121.
VOA Surr, 4-BFB	99.	80. - 128.
VOA Surr, DBFM	95.	81. - 121.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 03-A4363  
Sample ID: MW-12  
Project: 30006580  
Page 2

### LABORATORY COMMENTS:

- ND = Not detected at the report limit.
- B = Analyte was detected in the method blank.
- J = Estimated Value below Report Limit.
- E = Estimated Value above the calibration limit of the instrument.
- # = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

# TestAmerica

INCORPORATED

**PROJECT QUALITY CONTROL DATA**

Project Number: 30006580  
 Project Name: EXXONMOBIL 04-H6J  
 Page: 1  
 Laboratory Receipt Date: 1/11/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for MS/MSD analysis for that method and the method requirements for MS/MSD analysis could not be met.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
**UST ANALYSIS**								
Benzene	mg/l	< 0.0005	0.0477	0.0500	95	74. - 129.	4989	03-A4363
Benzene	mg/l	< 0.0005	0.0458	0.0500	92	74. - 129.	7187	BLANK
Toluene	mg/l	< 0.0005	0.0476	0.0500	95	74. - 128.	4989	03-A4363
Toluene	mg/l	< 0.0005	0.0459	0.0500	92	74. - 128.	7187	BLANK
Ethylbenzene	mg/l	< 0.0005	0.0473	0.0500	95	75. - 128.	4989	03-A4363
Ethylbenzene	mg/l	< 0.0005	0.0451	0.0500	90	75. - 128.	7187	BLANK
Xylenes (Total)	mg/l	< 0.0005	0.0953	0.100	95	72. - 126.	4989	03-A4363
TPH (Gasoline Range)	mg/l	< 0.0500	1.03	1.00	103	59. - 128.	4989	03-A4363
TPH (Gasoline Range)	mg/l	< 0.0500	0.986	1.00	99	59. - 128.	7187	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				98	69 - 132	4989	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				99	69 - 132	7187	
VOA Surr 1,2-DCA-d4	% Rec				93	73. - 133.	7642	
VOA Surr 1,2-DCA-d4	% Rec				92	73. - 133.	8752	
VOA Surr Toluene-d8	% Rec				97	80. - 121.	7642	
VOA Surr Toluene-d8	% Rec				97	80. - 121.	8752	
VOA Surr, 4-BFB	% Rec				98	80. - 128.	7642	
VOA Surr, 4-BFB	% Rec				97	80. - 128.	8752	
VOA Surr, DBFM	% Rec				96	81. - 121.	7642	
VOA Surr, DBFM	% Rec				97	81. - 121.	8752	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
**UST PARAMETERS**						
Benzene	mg/l	0.0477	0.0487	2.07	15.	4989
Benzene	mg/l	0.0458	0.0456	0.44	15.	7187

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 30006580

Project Name: EXXONMOBIL 04-H6J

Page: 2

Laboratory Receipt Date: 1/11/03

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Toluene	mg/l	0.0476	0.0486	2.08	15.	4989
Toluene	mg/l	0.0459	0.0455	0.88	15.	7187
Ethylbenzene	mg/l	0.0473	0.0484	2.30	15.	4989
Ethylbenzene	mg/l	0.0451	0.0449	0.44	15.	7187
Xylenes (Total)	mg/l	0.0953	0.0976	2.38	19.	4989
TPH (Gasoline Range)	mg/l	1.03	0.986	4.37	22.	4989
TPH (Gasoline Range)	mg/l	0.986	1.03	4.37	22.	7187
BTEX/GRO Surr., a,a,a-TFT	% Recovery		96.			4989
BTEX/GRO Surr., a,a,a-TFT	% Recovery		101.			7187
VOA Surr 1,2-DCA-d4	% Rec		94.			7642
VOA Surr 1,2-DCA-d4	% Rec		88.			8752
VOA Surr Toluene-d8	% Rec		97.			7642
VOA Surr Toluene-d8	% Rec		98.			8752
VOA Surr, 4-BFB	% Rec		97.			7642
VOA Surr, 4-BFB	% Rec		98.			8752
VOA Surr, DBFM	% Rec		97.			7642
VOA Surr, DBFM	% Rec		96.			8752

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
**UST PARAMETERS**						
Benzene	mg/l	0.100	0.0836	84	74 - 124	4989
Benzene	mg/l	0.100	0.0910	91	74 - 124	7187
Toluene	mg/l	0.100	0.0821	82	74 - 121	4989
Toluene	mg/l	0.100	0.0891	89	74 - 121	7187
Ethylbenzene	mg/l	0.100	0.0817	82	75 - 123	4989
Ethylbenzene	mg/l	0.100	0.0885	88	75 - 123	7187
Xylenes (Total)	mg/l	0.200	0.164	82	72 - 120	4989

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**  
**Project Number: 30006580**  
**Project Name: EXXONMOBIL 04-H6J**  
**Page: 3**  
**Laboratory Receipt Date: 1/11/03**

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
TPH (Gasoline Range)	mg/l	1.00	1.03	103	61 - 139	4989
TPH (Gasoline Range)	mg/l	1.00	0.986	99	61 - 139	7187
BTEX/GRO Surr., a,a,a-TFT	% Recovery			92	69 - 132	4989
BTEX/GRO Surr., a,a,a-TFT	% Recovery			90	69 - 132	7187

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
**VOA PARAMETERS**						
Ethyl-t-butylether	mg/l	0.0500	0.0519	104	69 - 142	7642
Ethyl-t-butylether	mg/l	0.0500	0.0518	104	69 - 142	8752
tert-amyl methyl ether	mg/L	0.0500	0.0522	104	70 - 141	7642
tert-amyl methyl ether	mg/L	0.0500	0.0527	105	70 - 141	8752
Tertiary butyl alcohol	mg/l	0.500	0.504	101	35 - 157	7642
Tertiary butyl alcohol	mg/l	0.500	0.786	157 #	35 - 157	8752
1,2-Dibromoethane	mg/l	0.0500	0.0516	103	79 - 126	7642
1,2-Dibromoethane	mg/l	0.0500	0.0504	101	79 - 126	8752
1,2-Dichloroethane	mg/l	0.0500	0.0537	107	71 - 135	7642
1,2-Dichloroethane	mg/l	0.0500	0.0511	102	71 - 135	8752
Methyl-t-butyl ether	mg/l	0.0500	0.0509	102	66 - 137	7642
Methyl-t-butyl ether	mg/l	0.0500	0.0525	105	66 - 137	8752
Diisopropyl ether	mg/l	0.0500	0.0516	103	70 - 134	7642
Diisopropyl ether	mg/l	0.0500	0.0474	95	70 - 134	8752
VOA Surr 1,2-DCA-d4	% Rec			101	73 - 133	7642
VOA Surr 1,2-DCA-d4	% Rec			97	73 - 133	8752
VOA Surr 1,2-DCA-d4	% Rec			97	73 - 133	8759
VOA Surr Toluene-d8	% Rec			96	80 - 121	7642
VOA Surr Toluene-d8	% Rec			94	80 - 121	8752
VOA Surr Toluene-d8	% Rec			94	80 - 121	8759

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

**Project Number: 30006580**

**Project Name: EXXONMOBIL 04-H6J**

**Page: 4**

**Laboratory Receipt Date: 1/11/03**

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr, 4-BFB	% Rec			96	80 - 128	7642
VOA Surr, 4-BFB	% Rec			97	80 - 128	8752
VOA Surr, 4-BFB	% Rec			97	80 - 128	8759
VOA Surr, DBFM	% Rec			97	81 - 121	7642
VOA Surr, DBFM	% Rec			96	81 - 121	8752
VOA Surr, DBFM	% Rec			96	81 - 121	8759

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
<b>**UST PARAMETERS**</b>					
Benzene	< 0.0005	mg/l	4989	1/14/03	22:27
Benzene	< 0.0005	mg/l	7187	1/15/03	3:15
Toluene	< 0.0005	mg/l	4989	1/14/03	22:27
Toluene	< 0.0005	mg/l	7187	1/15/03	3:15
Ethylbenzene	< 0.0005	mg/l	4989	1/14/03	22:27
Ethylbenzene	< 0.0005	mg/l	7187	1/15/03	3:15
Xylenes (Total)	< 0.0005	mg/l	4989	1/14/03	22:27
TPH (Gasoline Range)	< 0.0500	mg/l	4989	1/14/03	22:27
TPH (Gasoline Range)	< 0.0500	mg/l	7187	1/15/03	3:15

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
<b>**UST PARAMETERS**</b>					
BTEX/GRO Surr., a,a,a-TPT	104.	% Recovery	4989	1/14/03	22:27
BTEX/GRO Surr., a,a,a-TPT	103.	% Recovery	7187	1/15/03	3:15

Project QC continued . . .



**PROJECT QUALITY CONTROL DATA**

Project Number: 30006580

Project Name: EXXONMOBIL 04-H6J

Page: 5

Laboratory Receipt Date: 1/11/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----					
**VOA PARAMETERS**					
Ethyl-t-butylether	< 0.00010	mg/l	7642	1/16/03	15:57
Ethyl-t-butylether	< 0.00010	mg/l	8752	1/17/03	12:08
tert-amyl methyl ether	< 0.00019	mg/L	7642	1/16/03	15:57
tert-amyl methyl ether	< 0.00019	mg/L	8752	1/17/03	12:08
Tertiary butyl alcohol	< 0.00257	mg/l	7642	1/16/03	15:57
Tertiary butyl alcohol	< 0.00257	mg/l	8752	1/17/03	12:08
1,2-Dibromoethane	< 0.00018	mg/l	7642	1/16/03	15:57
1,2-Dibromoethane	< 0.00018	mg/l	8752	1/17/03	12:08
1,2-Dichloroethane	< 0.00021	mg/l	7642	1/16/03	15:57
1,2-Dichloroethane	< 0.00021	mg/l	8752	1/17/03	12:08
Methyl-t-butyl ether	< 0.00014	mg/l	7642	1/16/03	15:57
Methyl-t-butyl ether	< 0.00014	mg/l	8752	1/17/03	12:08
Diisopropyl ether	< 0.00003	mg/l	7642	1/16/03	15:57
Diisopropyl ether	< 0.00003	mg/l	8752	1/17/03	12:08
VOA Surr 1,2-DCA-d4	103.	% Rec	7642	1/16/03	15:57
VOA Surr 1,2-DCA-d4	100.	% Rec	8752	1/17/03	12:08
VOA Surr 1,2-DCA-d4	100.	% Rec	8759	1/17/03	12:08
VOA Surr Toluene-d8	94.	% Rec	7642	1/16/03	15:57
VOA Surr Toluene-d8	94.	% Rec	8752	1/17/03	12:08
VOA Surr Toluene-d8	94.	% Rec	8759	1/17/03	12:08
VOA Surr, 4-BFB	96.	% Rec	7642	1/16/03	15:57
VOA Surr, 4-BFB	99.	% Rec	8752	1/17/03	12:08
VOA Surr, 4-BFB	99.	% Rec	8759	1/17/03	12:08
VOA Surr, DBFM	99.	% Rec	7642	1/16/03	15:57
VOA Surr, DBFM	97.	% Rec	8752	1/17/03	12:08
VOA Surr, DBFM	97.	% Rec	8759	1/17/03	12:08

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

**Project Number: 30006580**

**Project Name: EXXONMOBIL 04-H6J**

**Page: 6**

**Laboratory Receipt Date: 1/11/03**

# = Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 316228





# TESTAMERICA, INC.-NASHVILLE

## COOLER RECEIPT FORM

Client: TRC BC# 316228

Cooler Received On: 4/11/03 And Opened On: 4/11/03 By: Ben Wright

[Signature]  
(Signature)

1. Temperature of Cooler when opened 1.0 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES NO N/A
  - a. If yes, how many, what kind and where: 2 - TAPE - FRONT
  - b. Were the seals intact, signed, and dated correctly?..... YES NO N/A
3. Were custody seals on containers and intact?..... NO YES N/A
4. Were custody papers inside cooler?..... YES NO N/A
5. Were custody papers properly filled out (ink, signed, etc)?..... YES NO N/A
6. Did you sign the custody papers in the appropriate place?..... YES NO N/A
7. What kind of packing material used?  Bubblewrap Peanuts Vermiculite Other: None
8. Was sufficient ice used (if appropriate)?..... YES NO N/A
9. Did all bottles arrive in good condition (unbroken)?..... YES NO N/A
10. Were all bottle labels complete (#, date, signed, pres, etc)?..... YES NO N/A
11. Did all bottle labels and tags agree with custody papers?..... YES NO N/A
12. Were correct bottles used for the analysis requested?..... YES NO N/A
13. a. Were VOA vials received?..... YES NO N/A
  - b. Was there any observable head space present in any VOA vial?..... NO YES N/A
14. Was sufficient amount of sample sent in each bottle?..... YES NO N/A
15. Were correct preservatives used?..... YES NO N/A  
If not, record standard ID of preservative used here \_\_\_\_\_
16. Was residual chlorine present?.....NO YES  N/A
17. Corrective action taken, if necessary:

See attached for resolution