



ALTON GEOSCIENCE  
CORPORATION

NOV 23 09 AM 7:58

November 23, 1998

Mr. Scott Seery  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Room 250  
Alameda, California 94502-6577

Alton Project No. 41-0114

ATTN: MR. SCOTT SEERY

SITE: FORMER MOBIL STATION 04-FGN  
14994 EAST 14TH STREET  
SAN LEANDRO, CALIFORNIA

RE: FORMAL CASE CLOSURE REQUEST

Dear Mr. Seery:

Please find enclosed a copy of our Formal Case Closure Request for former Mobil Station 04-FGN, located at 14994 East 14th Street, San Leandro, California.

If you have any questions regarding this project, please call me at (510) 606-9150.

Sincerely,

ALTON GEOSCIENCE

Jacob Madden  
Senior Staff Geologist

Enclosures, M.A. \04Fgncls.



ENVIRONMENTAL  
PROTECTION  
98 OCT 22 PM 3:43

October 15, 1998

Mr. Scott Seery  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Room 250  
Alameda, California 94502-6577

Alton Project No. 41-0114

RE: FORMER MOBIL STATION 04-FGN  
14994 EAST 14TH STREET  
SAN LEANDRO, CALIFORNIA

Dear Mr. Seery:

Please find enclosed the Third Quarter 1998 Progress Report for the subject location prepared for Mobil Oil Corporation by Alton Geoscience. The contents of this report include:

Quarterly Progress Report Summary Sheet

- Exhibit 1: Sampling Schedule
- Exhibit 2: Groundwater Levels and Chemical Analysis Table
- Exhibit 3: Figures 1 through 3 (Vicinity Map, Groundwater Elevation Contour Map, Dissolved-Phase Benzene Concentrations)
- Exhibit 4: Benzene versus Groundwater Elevation Graphs
- Exhibit 5: Well Purging and Groundwater Sampling Protocol
- Exhibit 6: Monitoring Well Sampling Forms
- Exhibit 7: Analytical Laboratory Data Sheets
- Exhibit 8: Waste Disposal Manifest

If you have any questions regarding this report, please call Cherine Fouch, Mobil Engineer, at (925) 625-1173, or Christopher B. Dennis, Alton Geoscience Project Geologist, at (925) 606-9150, ext. 109.

Sincerely,

Christopher B. Dennis  
Project Geologist

cc: Ms. Cherine Fouch, Mobil Business Resources Corporation  
Mr. Steven Ritchie, California Regional Water Quality Control Board, San Francisco Bay Region  
Mr. Bertram Kubo  
Mr. Fuk K. Sit and Ms. Ying C. Sit

# ALTON GEOSCIENCE

## Quarterly Progress Report Summary Sheet Third Quarter 1998

Mobil Service Station 04-FGN  
14994 East 14th Street  
San Leandro, California

LOP Agency: Alameda County Health Care Services Agency

Number of water zones:	1	This Page	1
<b>FIELD ACTIVITY:</b>		<b>Date sampled:</b>	12-Aug-98
Number of groundwater wells on-site:	5	Groundwater wells monitored:	7
Number of groundwater wells off-site:	2	Groundwater wells sampled:	4
Phase of investigation: Vadose Zone	N/A	Groundwater wells with free product:	0
		Groundwater phase:	Monitor & Sample
<b>SITE HYDROGEOLOGY:</b>			
Approximate depth to groundwater below ground surface:			8.99 ft
Approximate elevation of potentiometric surface above Mean Sea Level:			27.38 ft
Average increase/decrease in groundwater elevations since last sampling episode:		Decrease:	3.7 ft
Approximate flow direction and hydraulic gradient:		South-Southeast at:	0.004 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:	2	Volume of free product recovered this period:	N/A
Number of wells with concentrations at or above MCL:	2	Volume of free product recovered to date:	N/A
Nature of contamination:	Gasoline	Range in concentrations:	Benzene: ND to 41 ppb TPH-G: ND to 5,600 ppb
<b>ADDITIONAL INFORMATION:</b>			
The third quarter groundwater monitoring event was coordinated with the monitoring event of the Unocal site. Purged water was transported to McKittrick Waste Treatment Facility for disposal.			

Prepared by: C.B. Dennis

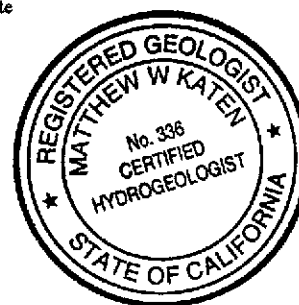
Christopher B. Dennis  
Project Geologist

Alton Project No: 41-0114

Approved by: Matthew W. Katen  
California CHG #336

Matthew W. Katen, RG, CHG  
Senior Associate

Submittal Date: 10/15/98



**EXHIBIT 1**  
**SAMPLING SCHEDULE**

**MONITORING WELL SAMPLING SCHEDULE 1998**  
**Former Mobil Station 04-FGN**

Well Number	First Quarter 1998	Second Quarter 1998	Third Quarter 1998	Fourth Quarter 1998
MW-1A	X		X	
MW-2A	X		X	
MW-3A	X		X	
MW-4A				
MW-5A	X			
MW-6A	X			
MW-7A	X		X	
NOTE: X = Well scheduled for sampling.				

**EXHIBIT 2**

**GROUNDWATER LEVELS AND CHEMICAL ANALYSIS TABLE**

Table  
Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl- benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
<b>MOBIL Wells</b>																	
MW-1A	03/31/88	36.35	—	—	29,000	ND	ND	ND	550	640	—	—	ND	—	—	—	—
MW-1A	01/31/89	36.35	—	—	11,200	—	260	ND	500	500	—	—	—	—	—	—	—
MW-1A	02/24/94	36.35	9.42	26.93	11,000	2,500	70	ND	260	180	—	—	ND	—	—	—	—
MW-1A	08/03/94	36.35	12.00	24.35	13,000	7,100	61	50	280	230	—	—	ND	—	—	—	—
MW-1A	11/23/94	36.35	11.18	25.17	12,000	2,500	49	ND	300	190	—	—	10,000	—	—	—	—
MW-1A	02/28/95	36.35	9.08	27.27	10,000	3,200	25	ND	110	67	—	—	8,400	—	—	—	—
MW-1A	05/10/95	36.35	8.33	28.02	10,000	3,600	31	ND	140	81	—	—	7,200	—	—	—	—
MW-1A	08/02/95	36.63	9.49	27.14	10,000	3,800	24	18	130	80	—	—	—	—	—	—	—
MW-1A	11/02/95	36.63	11.05	25.58	12,000	3,400*	ND	ND	190	150	—	—	—	ND	—	—	—
MW-1A	02/08/96	36.63	7.55	29.08	8,000	3,600*	100	21	87	58	—	—	—	—	—	—	—
MW-1A	05/08/96	36.63	7.52	29.11	9,200	—	11	ND	120	64	—	—	—	—	—	—	—
MW-1A	08/09/96	36.63	9.63	27.00	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1A	08/20/96	36.63	—	—	6,800	—	64	22	100	55	130	ND	—	—	—	—	—
MW-1A	11/07/96	36.63	11.01	25.62	7,900	—	100	12	70	34	95	ND	—	—	—	—	—
MW-1A	02/10/97	36.63	7.58	29.05	5,800	—	36	15	67	29	58	ND	—	—	—	—	—
MW-1A	05/07/97	36.63	9.15	27.48	1,400	—	13	ND	11	ND	ND	—	—	—	—	—	—
MW-1A	09/10/97	36.63	10.88	25.75	7,800	—	64	ND	70	26	120	ND	—	—	—	—	1.02
MW-1A	02/12/98	36.63	5.52	31.11	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	0.32
MW-1A	08/12/98	36.63	8.80	27.83	500	—	41	12	1.8	20	ND	—	—	—	—	—	0.25
MW-2A	02/24/94	36.61	9.52	27.09	6,400	4,500	31	ND	58	42	—	—	ND	—	—	—	—
MW-2A	08/23/94	36.61	12.05	24.56	7,500	7,100	42	21	71	53	—	—	ND	—	—	—	—
MW-2A	11/23/94	36.61	11.25	25.36	7,000	1,800	33	11	39	ND	—	—	7,300	—	—	—	—
MW-2A	02/28/95	36.61	9.10	27.51	9,000	1,600	29	36	96	45	—	—	6,900	—	—	—	—
MW-2A	05/10/95	36.61	8.42	28.19	5,100	1,600	20	27	32	35	—	—	3,400	—	—	—	—
MW-2A	08/02/95	36.62	9.54	27.08	4,300	1,800	36	ND	11	16	—	—	—	—	—	—	—
MW-2A	11/02/95	36.62	11.08	25.54	4,300	3,000*	22	ND	10	11	—	—	—	ND	—	—	—
MW-2A	02/08/96	36.62	7.68	28.94	2,900	940*	32	13	13	ND	—	—	—	—	—	—	—
MW-2A	05/08/96	36.62	8.64	27.98	2,500	—	13	12	19	26	—	—	—	—	—	—	—
MW-2A	08/09/96	36.62	9.71	26.91	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2A	08/20/96	36.62	—	—	2,500	—	19	11	6.8	8.1	36	—	—	—	—	—	—
MW-2A	11/07/96	36.62	11.04	25.58	4,700	—	58	7.3	5.3	ND	55	—	—	—	—	—	—
MW-2A	02/10/97	36.62	7.75	28.87	2,600	—	12	10	35	15	ND	—	—	—	—	—	—
MW-2A	05/07/97	36.62	9.23	27.39	3,300	—	25	18	16	11	ND	—	—	—	—	—	—
MW-2A	09/10/97	36.62	10.91	25.71	2,800	—	24	ND	ND	ND	43	—	—	—	—	—	1.08
MW-2A	02/12/98	36.62	5.59	31.03	3,800	—	10	11	30	14	ND	—	—	—	—	—	0.46
MW-2A	08/12/98	36.62	8.85	27.77	1,300	—	0.8	8.7	2.4	4.7	ND	—	—	—	—	—	0.82
MW-3A	02/24/94	36.92	9.85	27.07	19,000	10,000	52	30	690	290	—	—	ND	—	—	—	—
MW-3A	08/23/94	36.92	12.33	24.59	14,000	11,000	44	24	1,000	100	—	—	ND	—	—	—	—
MW-3A	11/23/94	36.92	11.56	25.36	13,000	2,600	30	18	690	52	—	—	8,500	—	—	—	—

**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater						Ethyl-	Total	MTBE	MTBE	TOG	TRPO	EDC	EDB	Dissolved
		Elevation	Water	Elevation	TPH-G	TPH-D	Benzene	Toluene	benzene	Xylenes	8020	8240 or 8260	(ppb)					
		(feet)	(feet)	(feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)	(ppb)	(ppb)	(mg/L)
MW-3A	02/28/95	36.92	9.35	27.57	8,500	—	11	ND	340	24	—	—	5,500	—	—	—	—	—
MW-3A	05/10/95	36.92	8.55	28.37	7,600	3,800	ND	ND	400	45	—	—	3,900	—	—	—	—	—
MW-3A	08/02/95	36.93	9.75	27.18	9,200	3,800	17	13	340	34	—	—	—	—	—	—	—	—
MW-3A	11/02/95	36.93	11.29	25.64	9,200	4,400*	31	ND	360	72	—	—	—	ND	—	—	—	—
MW-3A	02/08/96	36.93	7.97	28.96	6,900	3,800*	38	ND	230	43	—	—	—	—	—	—	—	—
MW-3A	05/08/96	36.93	8.82	28.11	7,700	—	ND	ND	270	38	—	—	—	—	—	—	—	—
MW-3A	08/09/96	36.93	9.95	26.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3A	08/20/96	36.93	—	—	5,600	—	8.0	29	180	23	12	—	—	—	—	—	—	—
MW-3A	11/07/96	36.93	11.28	25.65	8,600	—	47	ND	150	29	ND	—	—	—	—	—	—	—
MW-3A	02/10/97	36.93	7.95	28.98	8,300	—	28	ND	130	23	ND	—	—	—	—	—	—	—
MW-3A	05/07/97	36.93	9.45	27.48	37,000	—	230	110	630	ND	ND	—	—	—	—	—	—	—
MW-3A	09/10/97	36.93	11.13	25.80	5,500	—	16	ND	75	11	ND	—	—	—	—	—	—	0.68
MW-3A	02/12/98	36.93	5.72	31.21	10,000	—	37	ND	84	25	ND	—	—	—	—	—	—	0.48
MW-3A	08/12/98	36.93	9.05	27.88	5,600	—	4	18	39	19	ND	—	—	—	—	—	—	0.22
MW-4A	08/02/95	37.18	9.63	27.55	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-4A	11/02/95	37.18	11.48	25.70	ND	ND	ND	ND	ND	ND	—	—	—	ND	—	—	—	—
MW-4A	02/08/96	37.18	8.18	29.00	ND	ND	ND	1.1	ND	0.92	—	—	—	—	—	—	—	—
MW-4A	05/08/96	37.18	8.49	28.69	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-4A	08/09/96	37.18	10.05	27.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4A	08/20/96	37.18	—	—	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-4A	11/07/96	37.18	11.48	25.70	ND	—	ND	ND	ND	0.88	ND	—	—	—	—	—	—	—
MW-4A	02/10/97	37.18	8.11	29.07	ND	—	ND	2.4	ND	ND	ND	—	—	—	—	—	—	—
MW-4A	05/07/97	37.18	9.64	27.54	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-4A	09/10/97	37.18	11.32	25.86	—	—	—	—	—	—	—	—	—	—	—	—	—	2.37
MW-4A	02/12/98	37.18	5.90	31.28	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	0.51
MW-4A	08/12/98	37.18	9.21	27.97	—	—	—	—	—	—	—	—	—	—	—	—	—	0.52
MW-5A	08/02/95	35.91	8.74	27.17	1,300	220	16	0.68	1.3	4.3	—	—	—	—	—	—	—	—
MW-5A	11/02/95	35.91	10.34	25.57	180	ND	1.9	1.2	ND	ND	—	—	—	ND	—	—	—	—
MW-5A	02/08/96	35.91	6.67	29.24	160	150	1.9	2.2	ND	0.89	—	—	—	—	—	—	—	—
MW-5A	05/08/96	35.91	7.35	28.56	260	—	2.4	6.7	2.0	9.6	—	—	—	—	—	—	—	—
MW-5A	08/09/96	35.91	8.81	27.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5A	08/20/96	35.91	—	—	ND	—	ND	1.8	ND	ND	9.4	—	—	—	—	—	—	—
MW-5A	11/07/96	35.91	10.25	25.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5A	02/10/97	35.91	6.93	28.98	ND	—	ND	1.2	ND	ND	ND	—	—	—	—	—	—	—
MW-5A	05/07/97	35.91	8.42	27.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5A	09/10/97	35.91	10.15	25.76	—	—	—	—	—	—	—	—	—	—	—	—	—	1.05
MW-5A	02/12/98	35.91	5.32	30.59	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	0.90
MW-5A	08/12/98	35.91	8.19	27.72	—	—	—	—	—	—	—	—	—	—	—	—	—	1.17
MW-6A	08/02/95	37.10	9.68	27.42	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—
MW-6A	11/02/95	37.10	11.26	25.84	ND	ND	ND	ND	ND	ND	—	—	—	ND	—	—	—	—



**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE		TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)								8240 or 8260 (ppb)						
MW-6A	02/08/96	37.10	7.79	29.31	ND	ND	ND	1.3	ND	1.3	—	—	—	—	—	—	—	—
MW-6A	05/08/96	37.10	8.38	28.72	ND	—	ND	1.6	ND	1.2	—	—	—	—	—	—	—	—
MW-6A	08/09/96	37.10	9.82	27.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6A	08/20/96	37.10	—	—	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-6A	11/07/96	37.10	11.02	26.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6A	02/10/97	37.10	7.70	29.40	ND	—	ND	3.4	ND	ND	ND	—	—	—	—	—	—	—
MW-6A	05/07/97	37.10	9.31	27.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6A	09/10/97	37.10	11.08	26.02	—	—	—	—	—	—	—	—	—	—	—	—	—	1.08
MW-6A	02/12/98	37.10	5.52	31.58	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	0.83
MW-6A	08/12/98	37.10	8.91	28.19	—	—	—	—	—	—	—	—	—	—	—	—	—	1.29
MW-7A	11/02/95	37.39	11.77	25.62	ND	ND	ND	ND	ND	ND	—	—	—	ND	—	—	—	—
MW-7A	02/08/96	37.39	8.68	28.71	ND	75	ND	1.4	ND	1.5	—	—	—	—	—	—	—	—
MW-7A	05/08/96	37.39	9.00	28.39	ND	—	2.2	6.3	1.4	7.9	—	—	—	—	—	—	—	—
MW-7A	08/09/96	37.39	10.31	27.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	08/20/96	37.39	—	—	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-7A	11/07/96	37.39	11.81	25.58	ND	—	ND	0.96	ND	1.6	ND	—	—	—	—	—	—	—
MW-7A	02/10/97	37.39	8.57	28.82	ND	—	ND	2.4	ND	ND	ND	—	—	—	—	—	—	—
MW-7A	05/07/97	37.39	10.05	27.34	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-7A	09/10/97	37.39	11.66	25.73	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	2.48
MW-7A	02/12/98	37.39	6.55	30.84	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	1.07
MW-7A	08/12/98	37.39	9.65	27.74	ND	—	0.5	ND	ND	ND	ND	—	—	—	—	—	—	0.23

UNOCAL Wells																		
MW-1	05/04/91	—	—	—	31,000	—	74	20	920	1,500	—	—	—	—	—	—	—	—
MW-1	09/19/91	—	—	—	26,000	—	130	16	1,300	1,800	—	—	—	—	—	—	—	—
MW-1	12/18/91	—	—	—	17,000	—	160	20	1,400	1,600	—	—	—	—	—	—	—	—
MW-1	03/17/92	—	—	—	23,000	—	320	19	1,000	940	—	—	—	—	—	—	—	—
MW-1	05/19/92	—	—	—	29,000	—	650	370	1,100	1,200	—	—	—	—	—	—	—	—
MW-1	08/20/92	—	—	—	18,000	—	230	22	640	950	—	—	—	—	—	—	—	—
MW-1	11/10/92	—	—	—	18,000	—	220	ND	690	830	—	—	—	—	—	—	—	—
MW-1	02/20/93	—	—	—	19,000	—	190	ND	880	620	—	—	—	—	—	—	—	—
MW-1	05/21/93	—	—	—	27,000	—	150	200	1,200	950	—	—	—	—	—	—	—	—
MW-1	08/23/93	—	—	—	24,000	—	160	110	840	810	—	—	—	—	—	—	—	—
MW-1	11/23/93	—	—	—	18,000	—	210	63	900	620	—	—	—	—	—	—	—	—
MW-1	02/24/94	36.37	9.45	26.92	18,000	—	74	30	940	480	—	—	—	—	—	—	—	—
MW-1(a)	05/25/94	36.37	10.45	25.92	6,400	—	72	ND	170	67	—	—	—	—	—	—	—	—
MW-1	08/23/94	36.37	11.98	24.39	24,000	—	130	57	970	320	—	—	—	—	—	—	—	—
MW-1	11/23/94	36.37	11.17	25.20	23,000	—	180	44	970	270	—	—	—	—	—	—	—	—
MW-1	02/03/95	36.37	8.01	28.36	20,000	—	77	17	950	390	—	—	—	—	—	—	—	—
MW-1	05/10/95	36.37	8.51	27.86	16,000	—	230	27	880	630	—	—	—	—	—	—	—	—
MW-1	08/02/95	36.37	10.00	26.37	18,000	—	190	ND	860	590	—	—	—	—	—	—	—	—
MW-1 (b)	11/20/95	36.37	11.19	25.18	20,000	—	180	ND	960	450	970	—	—	—	—	—	—	2.83

**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
MW-1	02/08/96	36.37	7.74	28.63	15,000	—	43	16	940	410	5,200	—	—	—	—	—	2.58
MW-1	05/08/96	36.37	8.50	27.87	16,000	—	37	16	930	410	1,600	—	—	—	—	—	1.92**
MW-1	08/09/96	36.37	9.72	26.65	2,300	—	25	ND	77	39	1,200	—	—	—	—	—	2.14
MW-1	11/07/96	36.37	10.74	25.63	38,000	—	140	ND	1,900	5,600	ND	—	—	—	—	—	2.11
MW-1	02/11/97	36.37	7.92	28.45	7,300	—	91	ND	170	68	1,700	—	—	—	—	—	2.05**
MW-1	05/07/97	36.37	9.24	27.13	11,000	—	120	ND	470	110	1,200	—	—	—	—	—	—
MW-1	08/05/97	36.37	10.20	26.17	530 (c)	—	5.9	ND	5.6	ND	430	—	—	—	—	—	1.88**
MW-1	08/12/98	36.34	8.85	27.49	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	05/04/91	—	—	—	19,000	—	6.6	1.4	460	630	—	—	—	—	—	—	—
MW-2	09/19/91	—	—	—	19,000	—	100	6.8	790	310	—	—	—	—	—	—	—
MW-2	12/18/91	—	—	—	10,000	—	110	5.1	420	96	—	—	—	—	—	—	—
MW-2	03/17/92	—	—	—	16,000	—	110	ND	730	220	—	—	—	—	—	—	—
MW-2	05/19/92	—	—	—	17,000	—	140	87	680	170	—	—	—	—	—	—	—
MW-2	08/20/92	—	—	—	13,000	—	52	ND	660	70	—	—	—	—	—	—	—
MW-2	11/10/92	—	—	—	11,000	—	36	7.2	570	45	—	—	—	—	—	—	—
MW-2	02/20/93	—	—	—	1,500	—	2.9	3.8	9.1	ND	—	—	—	—	—	—	—
MW-2	05/21/93	—	—	—	9,500	—	37	ND	470	62	—	—	—	—	—	—	—
MW-2	08/23/93	—	—	—	15,000	—	110	ND	590	64	—	—	—	—	—	—	—
MW-2	11/23/93	—	—	—	11,000	—	80	10	480	20	—	—	—	—	—	—	—
MW-2 (f)	02/24/94	36.34	9.27	27.07	11,000	—	44	ND	580	32	—	—	—	—	—	—	—
MW-2	05/25/94	36.34	10.30	26.04	11,000	—	50	ND	400	22	—	—	—	—	—	—	—
MW-2	08/23/94	36.34	11.82	24.52	12,000	—	45	10	360	20	—	—	—	—	—	—	—
MW-2	11/23/94	36.34	10.97	25.37	15,000	—	61	24	440	ND	—	—	—	—	—	—	—
MW-2	02/03/95	36.34	7.87	28.47	9,700	—	5.7	ND	250	10	—	—	—	—	—	—	—
MW-2	05/10/95	36.34	8.38	27.96	7,500	—	56	4.7	310	33	—	—	—	—	—	—	—
MW-2	08/02/95	36.34	9.36	26.98	8,200	—	53	22	220	25	—	—	—	—	—	—	—
MW-2	11/02/95	36.34	10.95	25.39	5,000	—	56	4.5	170	7.7	110	—	—	—	—	—	2.80
MW-2	02/08/96	36.34	7.52	28.82	—	—	—	—	—	—	—	—	—	—	—	—	2.21
MW-2	05/08/96	36.34	8.21	28.13	8,400	—	5.6	9.0	170	10	130	—	—	—	—	—	3.89**
MW-2	08/09/96	36.34	9.54	26.80	3,100	—	24	ND	80	64	—	—	—	—	—	—	3.36
MW-2	11/07/96	36.34	10.69	25.65	36,000	—	140	ND	1,900	5,600	ND	—	—	—	—	—	1.96
MW-2	02/11/97	36.34	7.75	28.59	4,600	—	27	ND	53	ND	ND	—	—	—	—	—	2.12**
MW-2	05/07/97	36.34	9.14	27.20	5,300	—	61	ND	78	20	180	—	—	—	—	—	—
MW-2	08/05/97	36.34	10.23	26.11	3,100	—	35	ND	13	ND	58	—	—	—	—	—	2.38**
MW-2	08/12/98	36.30	8.82	27.48	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	05/04/91	—	—	—	9,100	—	2.0	ND	55	180	—	—	—	—	—	—	—
MW-3	09/19/91	—	—	—	7,600	—	ND	13	190	170	—	—	—	—	—	—	—
MW-3	12/18/91	—	—	—	5,900	—	54	6.4	110	64	—	—	—	—	—	—	—
MW-3	03/17/92	—	—	—	5,800	—	66	7.5	100	58	—	—	—	—	—	—	—
MW-3	05/19/92	—	—	—	3,400	—	25	3.6	66	41	—	—	—	—	—	—	—
MW-3	08/20/92	—	—	—	4,500	—	58	ND	65	35	—	—	—	—	—	—	—

**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
MW-3	11/10/92	—	—	—	3,400	—	37	ND	85	34	—	—	—	—	—	—	—
MW-3	02/20/93	—	—	—	1,600	—	12	18	8.9	12	—	—	—	—	—	—	—
MW-3	05/21/93	—	—	—	2,600	—	42	ND	43	15	—	—	—	—	—	—	—
MW-3	08/23/93	—	—	—	2,900	—	25	ND	50	18	—	—	—	—	—	—	—
MW-3	11/23/93	—	—	—	2,300	—	34	ND	24	5.6	—	—	—	—	—	—	—
MW-3	02/24/94	36.42	9.21	27.21	3,400	—	46	ND	53	11	—	—	—	—	—	—	—
MW-3	05/25/94	36.42	10.34	26.08	1,400	—	20	ND	ND	ND	—	—	—	—	—	—	—
MW-3	08/23/94	36.42	11.88	24.54	2,900	—	37	49	14	2.9	—	—	—	—	—	—	—
MW-3	11/23/94	36.42	10.98	25.44	3,200	—	48	ND	22	ND	—	—	—	—	—	—	—
MW-3	02/03/95	36.42	7.82	28.60	780	—	13	ND	2.1	ND	—	—	—	—	—	—	—
MW-3	05/10/95	36.42	8.38	28.04	1,300	—	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-3	08/02/95	36.42	9.49	26.93	1,500	—	6.3	ND	16	2.1	—	—	—	—	—	—	—
MW-3	11/02/95	36.42	11.00	25.42	1,100	—	5.2	2.1	7.4	0.5	15	—	—	—	—	—	4.98
MW-3	02/08/96	36.42	7.41	29.01	450	—	ND	ND	ND	ND	ND	—	—	—	—	—	2.78
MW-3	05/08/96	36.42	8.20	28.22	590	—	ND	11	10	ND	ND	—	—	—	—	—	3.73**
MW-3	08/09/96	36.42	9.53	26.89	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.29
MW-3	11/07/96	36.42	10.96	25.46	140	—	1.2	ND	ND	ND	5.6	—	—	—	—	—	3.15
MW-3	02/10/97	36.42	7.71	28.71	89	—	1.8	ND	ND	ND	ND	—	—	—	—	—	3.59**
MW-3	05/07/97	36.42	9.17	27.25	52 (d)	—	ND	ND	ND	5.1	5.1	—	—	—	—	—	—
MW-3	08/05/97	36.42	10.27	26.15	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	2.86**
MW-3	08/12/98	36.42	8.84	27.58	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/04/91	—	—	—	6,300	—	ND	ND	2.8	61	—	—	—	—	—	—	—
MW-4	09/19/91	—	—	—	1,800	—	0.83	ND	54	46	—	—	—	—	—	—	—
MW-4	12/18/91	—	—	—	2,500	—	28	2.5	54	22	—	—	—	—	—	—	—
MW-4	03/17/92	—	—	—	1,800	—	3.7	1.4	90	21	—	—	—	—	—	—	—
MW-4	05/19/92	—	—	—	2,000	—	20	3.5	42	8.3	—	—	—	—	—	—	—
MW-4	08/20/92	—	—	—	1,000	—	15	ND	11	3.0	—	—	—	—	—	—	—
MW-4	11/10/92	—	—	—	690	—	9.1	ND	16	2.8	—	—	—	—	—	—	—
MW-4	02/20/93	—	—	—	2,400	—	40	2.1	33	ND	—	—	—	—	—	—	—
MW-4	05/21/93	—	—	—	1,900	—	31	ND	20	4.5	—	—	—	—	—	—	—
MW-4	08/23/93	—	—	—	1,200	—	5.0	ND	16	ND	—	—	—	—	—	—	—
MW-4	11/23/93	—	—	—	720	—	10	ND	8.7	ND	—	—	—	—	—	—	—
MW-4	02/24/94	37.04	9.89	27.15	1,300	—	8.9	ND	20	ND	—	—	—	—	—	—	—
MW-4	05/25/94	37.04	11.02	26.02	1,700	—	22	ND	4.5	ND	—	—	—	—	—	—	—
MW-4	08/23/94	37.04	12.57	24.47	690	—	9.2	1.3	7.1	1.9	—	—	—	—	—	—	—
MW-4	11/23/94	37.04	11.65	25.39	420	—	5.0	1.1	4.2	1.2	—	—	—	—	—	—	—
MW-4	02/03/95	37.04	8.52	28.52	620	—	6.4	ND	9.3	ND	—	—	—	—	—	—	—
MW-4	05/10/95	37.04	9.97	27.07	280	—	2.8	ND	2.7	2.4	—	—	—	—	—	—	—
MW-4	08/02/95	37.04	10.18	26.86	290	—	3.6	ND	2.8	ND	—	—	—	—	—	—	—
MW-4	11/02/95	37.04	11.67	25.37	42,000	—	390	210	2,800	6,300	270	—	—	—	—	—	7.91
MW-4	02/08/96	37.04	8.15	28.89	130	—	2.1	ND	1.5	0.69	ND	—	—	—	—	—	2.66
MW-4 (e)	05/08/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

### Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
MW-4	08/09/96	37.04	10.24	26.80	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	2.92
MW-4	11/07/96	37.04	11.58	25.46	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	4.32
MW-4	02/10/97	37.04	8.45	28.59	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.87**
MW-4	05/07/97	37.04	9.85	27.19	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
MW-4	08/05/97	37.04	11.04	26.00	50	—	0.76	ND	ND	ND	ND	—	—	—	—	—	5.12**
MW-4	08/12/98	37.04	9.85	27.19	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	05/04/91	—	—	—	69,000	—	1,400	2,500	3,500	15,000	—	—	—	—	—	—	—
MW-5	09/19/91	—	—	—	57,000	—	1,600	2,700	5,200	20,000	—	—	—	—	—	—	—
MW-5	12/18/91	—	—	—	31,000	—	1,600	3,100	4,800	19,000	—	—	—	—	—	—	—
MW-5	03/17/92	—	—	—	81,000	—	850	1,600	4,800	18,000	—	—	—	—	—	—	—
MW-5	05/19/92	—	—	—	84,000	—	760	1,500	4,000	17,000	—	—	—	—	—	—	—
MW-5	08/20/92	—	—	—	58,000	—	660	1,700	4,200	19,000	—	—	—	—	—	—	—
MW-5	11/10/92	—	—	—	57,000	—	800	1,800	4,400	18,000	—	—	—	—	—	—	—
MW-5	02/20/93	—	—	—	17,000	—	75	ND	1,000	620	—	—	—	—	—	—	—
MW-5	05/21/93	—	—	—	55,000	—	ND	160	3,500	12,000	—	—	—	—	—	—	—
MW-5	08/23/93	—	—	—	61,000	—	340	380	3,600	14,000	—	—	—	—	—	—	—
MW-5	11/23/93	—	—	—	46,000	—	290	310	4,100	15,000	—	—	—	—	—	—	—
MW-5	02/24/94	35.94	9.02	26.92	57,000	—	140	400	4,400	16,000	—	—	—	—	—	—	—
MW-5	05/25/94	35.94	10.03	25.91	53,000	—	ND	ND	4,000	14,000	—	—	—	—	—	—	—
MW-5	08/23/94	35.94	11.57	24.37	61,000	—	360	380	4,800	17,000	—	—	—	—	—	—	—
MW-5	11/23/94	35.94	10.71	25.23	46,000	—	230	260	3,900	14,000	—	—	—	—	—	—	—
MW-5	02/03/95	35.94	7.69	28.25	56,000	—	140	330	3,500	13,000	—	—	—	—	—	—	—
MW-5	05/10/95	35.94	8.20	27.74	27,000	—	160	170	2,200	5,200	—	—	—	—	—	—	—
MW-5	08/02/95	35.94	9.23	26.71	65,000	—	260	300	3,500	12,000	—	—	—	—	—	—	—
MW-5	11/02/95	35.94	10.70	25.24	240	—	0.76	ND	1.1	ND	ND	—	—	—	—	—	2.30
MW-5	02/08/96	35.94	7.36	28.58	54,000	—	210	150	3,400	12,000	170	—	—	—	—	—	2.35
MW-5	05/08/96	35.94	8.25	27.69	52,000	—	170	200	3,600	11,000	170	—	—	—	—	—	1.29**
MW-5	08/09/96	35.94	9.37	26.57	25,000	—	54	16	1,700	4,700	ND	—	—	—	—	—	2.19
MW-5	11/07/96	35.94	10.65	25.29	2,100	—	42	ND	9.3	ND	2,300	—	—	—	—	—	1.84
MW-5	02/10/97	35.94	7.63	28.31	15,000	—	46	29	1,400	4,100	ND	—	—	—	—	—	2.07**
MW-5	05/07/97	35.94	8.98	26.96	38,000	—	120	ND	2,000	5,100	380	—	—	—	—	—	—
MW-5	08/05/97	35.94	11.08	24.86	310	—	1.0	ND	17	40	ND	—	—	—	—	—	2.36**
MW-5	08/12/98	35.92	8.69	27.23	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6	05/19/92	—	—	—	1,300	—	2.0	2.1	ND	2.7	—	—	—	—	—	—	—
MW-6	08/20/92	—	—	—	280	—	8.4	ND	0.51	0.84	—	—	—	—	—	—	—
MW-6	11/10/92	—	—	—	490	—	7.0	1.2	1.7	ND	—	—	—	—	—	—	—
MW-6	02/20/93	—	—	—	2,400	—	43	ND	33	2.0	—	—	—	—	—	—	—
MW-6	05/21/93	—	—	—	940	—	18	1.0	7.1	2.7	—	—	—	—	—	—	—
MW-6	08/23/93	—	—	—	1,000	—	9.4	2.3	5.0	2.3	—	—	—	—	—	—	—
MW-6	11/23/93	—	—	—	520	—	ND	1.7	1.9	0.82	—	—	—	—	—	—	—
MW-6 (f)	02/24/94	35.67	8.39	27.28	810	—	12	ND	2.6	0.77	—	—	—	—	—	—	—

**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
MW-6	05/25/94	35.67	9.55	26.12	500	—	11	ND	ND	0.73	—	—	—	—	—	—	—
MW-6	08/23/94	35.67	10.97	24.70	570	—	8.8	2.5	3.2	2.6	—	—	—	—	—	—	—
MW-6	11/23/94	35.67	10.21	25.46	460	—	6.4	1.1	1.9	1.1	—	—	—	—	—	—	—
MW-6	02/03/95	35.67	6.99	28.68	660	—	4.8	13	1.4	ND	—	—	—	—	—	—	—
MW-6	05/10/95	35.67	7.53	28.14	470	—	ND	0.65	1.4	0.67	—	—	—	—	—	—	—
MW-6	08/02/95	35.67	8.68	26.99	360	—	3.2	ND	1.6	ND	—	—	—	—	—	—	—
MW-6	11/02/95	35.67	10.20	25.47	470	—	ND	0.92	0.89	0.58	5.5	—	—	—	—	—	4.55
MW-6	02/08/96	35.67	6.66	29.01	450	—	3.1	ND	1.1	0.68	ND	—	—	—	—	—	3.77
MW-6	05/08/96	35.67	7.40	28.27	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.40**
MW-6	08/09/96	35.67	8.72	26.95	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.53
MW-6	11/07/96	35.67	10.12	25.55	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.99
MW-6	02/10/97	35.67	6.88	28.79	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.85**
MW-6	05/07/97	35.67	8.32	27.35	ND	—	ND	1.1	ND	ND	ND	—	—	—	—	—	—
MW-6	08/05/97	35.67	9.64	26.03	55	—	0.79	ND	ND	ND	ND	—	—	—	—	—	5.37**
MW-6	08/12/98	35.68	8.02	27.66	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	05/19/92	—	—	—	17,000	—	540	90	1,200	1,900	—	—	—	—	—	—	—
MW-7	08/20/92	—	—	—	13,000	—	460	54	ND	3,100	—	—	—	—	—	—	—
MW-7	11/10/92	—	—	—	1,800	—	74	ND	230	350	—	—	—	—	—	—	—
MW-7	02/20/93	—	—	—	1,800	—	37	4.6	11	7.7	—	—	—	—	—	—	—
MW-7	05/21/93	—	—	—	22,000	—	330	37	2,100	2,900	—	—	—	—	—	—	—
MW-7	08/23/93	—	—	—	33,000	—	360	ND	2,500	4,300	—	—	—	—	—	—	—
MW-7	11/23/93	—	—	—	19,000	—	310	30	2,500	2,300	—	—	—	—	—	—	—
MW-7 (f)	02/24/94	36.09	8.95	27.14	16,000	—	220	19	2,400	3,200	—	—	—	—	—	—	—
MW-7	05/25/94	36.09	10.00	26.09	14,000	—	200	ND	1,500	1,800	—	—	—	—	—	—	—
MW-7	08/23/94	36.09	11.43	24.66	19,000	—	210	50	2,000	2,800	—	—	—	—	—	—	—
MW-7	11/23/94	36.09	10.69	25.40	10,000	—	220	ND	1,000	730	—	—	—	—	—	—	—
MW-7	02/03/95	36.09	7.49	28.60	26,000	—	170	ND	2,300	3,700	—	—	—	—	—	—	—
MW-7	05/10/95	36.09	7.88	28.21	1,300	—	13	1.5	170	230	—	—	—	—	—	—	—
MW-7	08/02/95	36.09	9.02	27.07	15,000	—	200	ND	2,200	2,000	—	—	—	—	—	—	—
MW-7	11/02/95	36.09	10.55	25.54	18,000	—	190	9.4	2,100	2,200	72	—	—	—	—	—	—
MW-7	02/08/96	36.09	7.13	28.96	19,000	—	150	ND	2,100	3,000	ND	—	—	—	—	—	2.67
MW-7	05/08/96	36.09	7.11	28.98	13,000	—	130	18	1,900	1,600	85	—	—	—	—	—	2.20**
MW-7	08/09/96	36.09	9.07	27.02	11,000	—	67	ND	1,700	1,800	ND	—	—	—	—	—	2.37
MW-7	11/07/96	36.09	10.76	25.33	32,000	—	160	ND	3,300	8,400	570	—	—	—	—	—	2.22
MW-7	02/11/97	36.09	7.22	28.87	7,100	—	55	ND	ND	620	ND	—	—	—	—	—	2.33**
MW-7	05/07/97	36.09	8.47	27.62	6,000	—	74	ND	560	330	250	—	—	—	—	—	—
MW-7	08/05/97	36.09	10.25	25.84	5,000	—	66	ND	420	240	ND	—	—	—	—	—	2.69**
MW-7	08/12/98	36.06	8.42	27.64	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	05/19/92	—	—	—	5,300	—	28	3.3	2.6	2.1	—	—	—	—	—	—	—
MW-8 (c)	08/20/92	—	—	—	3,500	—	67	11	ND	ND	—	—	—	—	—	—	—
MW-8	11/10/92	—	—	—	1,800	—	20	ND	ND	ND	—	—	—	—	—	—	—

**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
MW-8	02/20/93	—	—	—	2,200	—	32	ND	42	5.0	—	—	—	—	—	—	—
MW-8	05/21/93	—	—	—	2,500	—	44	ND	ND	ND	—	—	—	—	—	—	—
MW-8 (c)	08/23/93	—	—	—	280	—	49	4.5	ND	ND	—	—	—	—	—	—	—
MW-8	11/23/93	—	—	—	1,800	—	ND	3.4	ND	ND	—	—	—	—	—	—	—
MW-8	02/24/94	36.89	10.44	26.45	1,200	—	10	2.3	ND	3.2	—	—	—	—	—	—	—
MW-8	05/25/94	36.89	11.12	25.77	14,000	—	29	ND	ND	ND	—	—	—	—	—	—	—
MW-8	08/23/94	36.89	12.61	24.28	3,200	—	46	18	2.0	7.2	—	—	—	—	—	—	—
MW-8	11/23/94	36.89	11.98	24.91	1,700	—	34	ND	ND	3.1	—	—	—	—	—	—	—
MW-8	02/03/95	36.89	9.16	27.73	800	—	6.1	ND	ND	ND	—	—	—	—	—	—	—
MW-8	05/10/95	36.89	9.35	27.54	1,400	—	15	1.5	0.65	0.84	—	—	—	—	—	—	—
MW-8	08/02/95	36.89	10.40	26.49	690	—	8.3	1.9	ND	ND	—	—	—	—	—	—	—
MW-8	11/02/95	36.89	11.80	25.09	1,200	—	ND	1.9	0.56	ND	6.4	—	—	—	—	—	—
MW-8 (g)	02/14/96	36.89	9.24	27.65	650	—	9.0	1.2	ND	0.52	ND	—	—	—	—	—	3.85
MW-8	05/08/96	36.89	9.46	27.43	1,200	—	0.7	35	2.2	3.0	ND	—	—	—	—	—	2.09**
MW-8	08/09/96	36.89	10.47	26.42	350	—	ND	12	0.81	0.95	ND	—	—	—	—	—	2.56
MW-8	11/07/96	36.89	11.71	25.18	1,000	—	23	ND	ND	ND	ND	—	—	—	—	—	1.67
MW-8	02/10/97	36.89	8.84	28.05	630	—	13	ND	ND	8.1	ND	—	—	—	—	—	2.10**
MW-8 (c)	05/07/97	36.89	10.12	26.77	1,200	—	26	3.4	ND	20	20	—	—	—	—	—	—
MW-8 (c)	08/05/97	36.89	11.26	25.63	590	—	9.8	ND	ND	ND	ND	—	—	—	—	—	3.04**
MW-8	08/12/98	36.87	9.78	27.09	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9	05/19/92	—	—	—	8,100	—	11	ND	25	5.8	—	—	—	—	—	—	—
MW-9 (c)	08/20/92	—	—	—	3,800	—	37	ND	ND	ND	—	—	—	—	—	—	—
MW-9	11/10/92	—	—	—	4,200	—	ND	ND	21	23	—	—	—	—	—	—	—
MW-9	02/20/93	—	—	—	2,300	—	47	ND	32	ND	—	—	—	—	—	—	—
MW-9	05/21/93	—	—	—	3,200	—	32	ND	8.1	ND	—	—	—	—	—	—	—
MW-9	08/23/93	—	—	—	3,000	—	29	ND	ND	ND	—	—	—	—	—	—	—
MW-9	11/23/93	—	—	—	2,500	—	23	2.1	ND	ND	—	—	—	—	—	—	—
MW-9	02/24/94	36.29	9.74	26.55	2,900	—	35	ND	ND	ND	—	—	—	—	—	—	—
MW-9	05/25/94	36.29	10.48	25.81	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-9	08/23/94	36.29	11.99	24.30	2,800	—	28	32	ND	ND	—	—	—	—	—	—	—
MW-9	11/23/94	36.29	11.31	24.98	2,000	—	24	2.2	2.2	2.5	—	—	—	—	—	—	—
MW-9	02/03/95	36.29	8.45	27.84	2,100	—	26	2.5	ND	ND	—	—	—	—	—	—	—
MW-9	05/10/95	36.29	8.70	27.59	1,700	—	0.81	2.2	1.0	1.4	—	—	—	—	—	—	—
MW-9	08/02/95	36.29	9.75	26.54	1,900	—	26	6.6	ND	3.9	—	—	—	—	—	—	—
MW-9	11/02/95	36.29	11.16	25.13	1,600	—	ND	1.3	ND	ND	11	—	—	—	—	—	—
MW-9	02/08/96	36.29	8.15	28.14	1,900	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.62
MW-9	05/08/96	36.29	8.75	27.54	1,700	—	1.9	22	1.7	2.7	ND	—	—	—	—	—	2.20**
MW-9	08/09/96	36.29	9.84	26.45	200	—	ND	4.5	ND	0.58	ND	—	—	—	—	—	2.51
MW-9	11/07/96	36.29	11.10	25.19	920	—	24	ND	ND	ND	ND	—	—	—	—	—	2.06
MW-9	02/11/97	36.29	8.15	28.14	580	—	14	2.4	ND	ND	16	—	—	—	—	—	1.96**
MW-9	05/07/97	36.29	9.45	26.84	810	—	11	3.9	1.7	9.9	13	—	—	—	—	—	—
MW-9 (c)	08/05/97	36.29	10.70	25.59	850	—	21	ND	ND	ND	33	—	—	—	—	—	2.57**

### Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
MW-9	08/12/98	36.27	9.18	27.09	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-10	08/20/92	—	—	—	15,000	—	230	ND	1,000	350	—	—	—	—	—	—	—
MW-10	11/10/92	—	—	—	15,000	—	300	42	3,500	330	—	—	—	—	—	—	—
MW-10	02/20/93	—	—	—	17,000	—	74	ND	1,000	620	—	—	—	—	—	—	—
MW-10	05/21/93	—	—	—	23,000	—	250	ND	3,000	240	—	—	—	—	—	—	—
MW-10	08/23/93	—	—	—	20,000	—	230	13	3,200	140	—	—	—	—	—	—	—
MW-10	11/23/93	—	—	—	18,000	—	300	10	2,800	110	—	—	—	—	—	—	—
MW-10	02/24/94	36.04	9.57	26.47	15,000	—	330	19	2,000	83	—	—	—	—	—	—	—
MW-10	05/25/94	36.04	10.32	25.72	14,000	—	240	ND	230	62	—	—	—	—	—	—	—
MW-10	08/23/94	36.04	11.81	24.23	16,000	—	250	41	1,800	74	—	—	—	—	—	—	—
MW-10	11/23/94	36.04	11.10	24.94	16,000	—	260	ND	1,600	49	—	—	—	—	—	—	—
MW-10	02/03/95	36.04	8.32	27.72	17,000	—	310	ND	1,500	93	—	—	—	—	—	—	—
MW-10	05/10/95	36.04	8.70	27.34	12,000	—	260	16	1,200	54	—	—	—	—	—	—	—
MW-10	08/02/95	36.04	9.55	26.49	8,900	—	240	ND	780	40	—	—	—	—	—	—	—
MW-10	11/02/95	36.04	11.03	25.01	9,300	—	190	ND	470	1.7	110	—	—	—	—	—	3.96
MW-10	02/08/96	36.04	8.05	27.99	9,700	—	170	ND	440	ND	ND	—	—	—	—	—	2.88
MW-10	05/08/96	36.04	8.70	27.34	7,100	—	100	ND	240	ND	43	—	—	—	—	—	2.71**
MW-10	08/09/96	36.04	9.76	26.28	4,400	—	59	7.5	110	6.5	73	—	—	—	—	—	2.63
MW-10	11/07/96	36.04	10.92	25.12	6,300	—	65	ND	110	ND	130	—	—	—	—	—	1.81
MW-10	02/10/97	36.04	8.10	27.94	6,800	—	91	ND	100	ND	210	—	—	—	—	—	2.03**
MW-10	05/07/97	36.04	9.28	26.76	4,800	—	76	ND	50	ND	160	—	—	—	—	—	—
MW-10	08/05/97	36.04	10.51	25.53	4,200	—	52	ND	40	ND	81	—	—	—	—	—	2.78**
MW-10	08/12/98	36.02	9.27	26.75	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-11 (c)	08/20/92	—	—	—	4,600	—	62	ND	ND	54	—	—	—	—	—	—	—
MW-11	11/10/92	—	—	—	5,800	—	130	ND	260	42	—	—	—	—	—	—	—
MW-11	02/20/93	—	—	—	18,000	—	76	ND	1,000	630	—	—	—	—	—	—	—
MW-11	05/21/93	—	—	—	7,100	—	64	ND	340	120	—	—	—	—	—	—	—
MW-11	08/23/93	—	—	—	5,400	—	68	ND	230	43	—	—	—	—	—	—	—
MW-11	11/23/93	—	—	—	3,400	—	105	ND	120	43	—	—	—	—	—	—	—
MW-11	02/24/94	35.50	9.20	26.30	4,600	—	170	ND	140	36	—	—	—	—	—	—	—
MW-11	05/25/94	35.50	9.94	25.56	1,400	—	49	ND	26	ND	—	—	—	—	—	—	—
MW-11	08/23/94	35.50	11.39	24.11	7,300	—	250	13	150	42	—	—	—	—	—	—	—
MW-11	11/23/94	35.50	10.67	24.83	5,800	—	250	10	120	22	—	—	—	—	—	—	—
MW-11	02/03/95	35.50	8.02	27.48	4,400	—	110	ND	150	37	—	—	—	—	—	—	—
MW-11	05/10/95	35.50	8.36	27.14	4,200	—	120	ND	170	38	—	—	—	—	—	—	—
MW-11	08/02/95	35.50	9.31	26.19	4,200	—	110	ND	110	22	—	—	—	—	—	—	—
MW-11	11/02/95	35.50	10.85	24.65	6,100	—	150	ND	78	6.8	6,200	—	—	—	—	—	3.55
MW-11 (g)	02/14/96	35.50	8.18	27.32	3,100	—	60	ND	98	ND	4,000	—	—	—	—	—	2.19
MW-11	05/08/96	35.50	8.50	27.00	3,500	—	120	ND	160	ND	6,400	—	—	—	—	—	2.06**
MW-11	08/09/96	35.50	9.46	26.04	1,100	—	42	ND	15	ND	4,300	—	—	—	—	—	2.11
MW-11	11/07/96	35.50	10.58	24.92	2,900	—	57	ND	13	ND	3,400	—	—	—	—	—	2.35

**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Groundwater										Dissolved Oxygen (mg/L)		
					TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)		EDC (ppb)	EDB (ppb)
MW-11	02/10/97	35.50	7.88	27.62	600	—	9.5	ND	ND	ND	3,100	—	—	—	—	—	2.18**
MW-11	05/07/97	35.50	9.07	26.43	1,900	—	45	ND	31	ND	2,400	—	—	—	—	—	—
MW-11	08/05/97	35.50	10.23	25.27	2,100	—	35	ND	24	ND	1,800	—	—	—	—	—	3.19**
MW-11	08/12/98	35.50	8.85	26.65	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2 (h)	05/08/96	35.44	9.12	26.32	540	—	0.68	21	1.0	1.7	ND	—	—	—	—	—	—
MW-2 (h)	08/09/96	35.44	9.98	25.46	170	—	ND	7.8	ND	ND	ND	—	—	—	—	—	—
MW-2 (h)	11/07/96	35.44	10.98	24.46	430	—	8.9	1.5	ND	ND	10	—	—	—	—	—	2.85
MW-2 (d)(h)	02/11/97	35.44	8.63	26.81	230	—	4.6	1.0	ND	ND	10	—	—	—	—	—	2.73**
MW-2 (h)	05/07/97	35.44	9.58	25.86	ND	—	ND	ND	ND	ND	14	—	—	—	—	—	—
MW-2 (h)	08/05/97	35.44	10.62	24.82	360	—	5.5	50	ND	ND	ND	—	—	—	—	—	3.99**
MW-2 (h)	08/12/98	35.44	9.43	26.01	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3 (h)	05/08/96	35.81	8.73	27.08	4,700	—	7.9	36	13	4.0	42	—	—	—	—	—	—
MW-3 (h)	08/09/96	35.81	9.73	26.08	2,000	—	ND	14	7.6	ND	ND	—	—	—	—	—	—
MW-3 (h)	11/07/96	35.81	10.88	24.93	1,800	—	29	ND	ND	ND	40	—	—	—	—	—	2.41
MW-3 (h)	02/11/97	35.81	8.16	27.65	3,500	—	70	14	ND	ND	150	—	—	—	—	—	2.55**
MW-3 (h)	05/07/97	35.81	9.35	26.46	3,100	—	48	ND	ND	ND	110	—	—	—	—	—	—
MW-3 (h)	08/05/97	35.81	10.44	25.37	3,200	—	43	5.7	ND	ND	61	—	—	—	—	—	3.74**
MW-3 (h)	08/12/98	35.82	9.11	26.71	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>CHEVRON Walls</b>																	
MW-1	12/08/87	35.77	11.93	23.84	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	05/23/88	35.77	11.54	24.23	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	06/07/88	35.77	11.67	24.10	<1,000	—	7.0	4.6	1.1	20	—	—	—	—	—	—	—
MW-1	08/05/88	35.77	12.59	23.18	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	09/08/88	35.77	12.96	22.81	600	—	0.91	<1.0	7.0	18	—	—	—	—	0.2	<0.1	—
MW-1	12/05/88	35.77	13.08	22.69	2,200	—	16	5.0	150	250	—	—	—	—	<1.0	<1.0	—
MW-1	12/05/88	35.77	13.08	22.69	2,700	—	16	5.0	170	330	—	—	—	—	<1.0	<1.0	—
MW-1	03/14/89	35.77	11.66	24.11	3,900	—	11	2.1	66	150	—	—	—	—	—	—	—
MW-1	06/13/89	35.77	11.95	23.82	3,000	—	2.0	1.0	23	51	—	—	—	—	—	—	—
MW-1	09/13/89	35.77	13.22	22.55	1,400	—	0.8	2.0	6.0	9.0	—	—	—	—	—	—	—
MW-1	12/13/89	35.77	13.18	22.59	870	—	4.0	2.0	7.0	14	—	—	—	—	—	—	—
MW-1	03/13/90	35.77	12.28	23.49	870	—	1.0	<0.3	7.0	13	—	—	—	—	—	—	—
MW-1	10/11/90	35.77	13.71	22.06	2,100	—	4.5	4.3	19	84	—	—	—	—	—	—	—
MW-1	04/05/91	35.77	11.28	24.49	6,000	—	19	12	86	130	—	—	—	—	—	—	—
MW-1	10/30/91	35.77	14.00	21.77	3,800	—	360	31	18	17	—	—	—	—	—	—	—
MW-1	04/23/92	35.77	10.79	24.98	320	—	30	1.4	1.6	1.7	—	—	—	—	—	—	—
MW-1	07/20/92	35.77	11.95	23.82	1,100	—	25	4.4	3.6	4.9	—	—	—	—	—	—	—
MW-1	10/30/92	35.77	13.24	22.53	1,300	—	6.0	8.0	4.2	7.0	—	—	—	—	—	—	—
MW-1	01/20/93	35.77	9.70	26.07	1,000	—	7.7	3.1	4.9	7.2	—	—	—	—	—	—	—
MW-1	04/30/93	35.77	9.13	26.64	960	—	1.8	4.3	4.1	6.8	—	—	—	—	—	—	—
MW-1	08/06/93	35.77	10.55	25.22	950	—	<1.0	1.9	2.2	1.9	—	—	—	—	—	—	—



**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
MW-1	10/22/93	35.77	11.38	24.39	920	—	1.4	1.3	0.7	6.0	—	—	—	—	—	—	—
MW-1	01/25/94	35.77	11.14	24.63	6,000	—	<2.5	12	18	60	—	—	—	—	—	—	—
MW-1	04/05/94	35.77	10.34	25.43	480	—	1.5	5.3	5.5	7.9	—	—	—	—	—	—	—
MW-1	07/01/94	35.77	10.96	24.81	1,000	—	0.9	8.5	9.7	29	—	—	—	—	—	—	—
MW-1(e)	02/13/95	35.77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	05/10/95	35.77	8.76	27.01	270	—	0.72	2.0	1.3	4.3	—	—	—	—	—	—	—
MW-1	08/02/95	35.77	9.71	26.06	310	—	2.0	<1.2	5.4	6.2	—	—	—	—	—	—	—
MW-1	05/08/96	35.77	9.00	26.77	<50	—	<0.5	<0.5	<0.5	<0.5	3.8	—	—	—	—	—	—
MW-1	11/07/96	35.77	10.76	25.01	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-1	05/07/97	35.77	9.24	26.53	190	—	0.6	<0.5	1.6	<0.5	<2.5	—	—	—	—	—	—
MW-1	11/04/97	35.77	11.35	24.42	81	—	<0.5	<0.5	<0.5	<0.5	16	—	—	—	—	—	—
MW-2	12/08/87	35.00	10.79	24.21	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	05/23/88	35.00	10.80	24.20	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	06/07/88	35.00	10.93	24.07	<1,000	—	52	5.8	13	12	—	—	—	—	—	—	—
MW-2	08/05/88	35.00	11.86	23.14	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	09/08/88	35.00	12.26	22.74	600	—	1.0	<10	<10	<10	—	—	—	<1.0	<1.0	—	—
MW-2	09/08/88	35.00	12.26	22.74	400	—	1.3	<1.0	<1.0	<1.0	—	—	—	<0.1	<0.1	—	—
MW-2	12/05/88	35.00	12.37	22.63	<100	—	<0.5	<1.0	2.0	<1.0	—	—	—	<1.0	<1.0	—	—
MW-2	03/14/89	35.00	11.00	24.00	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-2	06/13/89	35.00	11.22	23.78	<500	—	0.7	<0.5	2.0	3.0	—	—	—	—	—	—	—
MW-2	09/13/89	35.00	12.53	22.47	<500	—	0.5	1.0	<0.5	0.8	—	—	—	—	—	—	—
MW-2	12/13/89	35.00	12.45	22.55	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-2	03/13/90	35.00	11.53	23.47	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-2	10/11/90	35.00	12.95	22.05	<50	—	<0.5	0.6	0.7	1.1	—	—	—	—	—	—	—
MW-2	04/05/91	35.00	10.52	24.48	160	—	1.3	<0.5	0.7	0.8	—	—	—	—	—	—	—
MW-2	10/30/91	35.00	13.62	21.38	69	—	3.0	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-2	10/30/91	35.00	13.62	21.38	81	—	7.4	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-2	04/23/92	35.00	10.08	24.92	250	—	53	29	3.5	11	—	—	—	—	—	—	—
MW-2	07/20/92	35.00	11.22	23.78	690	—	94	6.6	5.5	4.7	—	—	—	—	—	—	—
MW-2	10/30/92	35.00	12.52	22.48	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-2	01/20/93	35.00	9.00	26.00	780	—	<0.5	1.7	12	10	—	—	—	—	—	—	—
MW-2	04/30/93	35.00	8.49	26.51	720	—	8.7	1.8	4.7	5.1	—	—	—	—	—	—	—
MW-2	08/06/93	35.00	9.92	25.08	780	—	2.4	1.2	2.6	3.4	—	—	—	—	—	—	—
MW-2	10/22/93	35.00	10.70	24.30	1,700	—	38	53	11	80	—	—	—	—	—	—	—
MW-2	01/25/94	35.00	10.48	24.52	600	—	1.1	1.9	2.4	3.7	—	—	—	—	—	—	—
MW-2	04/05/94	35.00	9.65	25.35	970	—	6.0	<0.5	4.5	8.2	—	—	—	—	—	—	—
MW-2	07/01/94	35.00	10.27	24.73	940	—	4.0	5.0	4.9	13	—	—	—	—	—	—	—
MW-2	02/13/95	35.00	8.24	26.76	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	05/10/95	35.00	8.15	26.85	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	08/02/95	35.00	9.08	25.92	260	—	<1.0	<1.0	<1.0	1.2	—	—	—	—	—	—	—
MW-2	05/08/96	35.00	8.41	26.59	120	—	<0.5	<0.5	<0.5	<0.5	4.6	—	—	—	—	—	—
MW-2	11/07/96	35.00	10.08	24.92	—	—	—	—	—	—	—	—	—	—	—	—	—

### Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater											Dissolved Oxygen (mg/L)		
		Elevation (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 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)		EDC (ppb)	EDB (ppb)
MW-2	05/07/97	35.00	8.05	26.95	160	—	<0.5	<0.5	<0.5	<0.5	9.3	—	—	—	—	—	—
MW-2	11/04/97	35.00	10.70	24.30	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	12/08/87	36.17	12.31	23.86	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	05/23/88	36.17	10.82	25.35	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	06/07/88	36.17	12.10	24.07	<1,000	—	6.3	13	23	220	—	—	—	—	—	—	—
MW-3	08/05/88	36.17	13.04	23.13	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	09/08/88	36.17	13.41	22.76	2,000	—	1.2	<1.0	38	100	—	—	—	—	<0.1	<0.1	—
MW-3	12/06/88	36.17	13.50	22.67	3,000	—	10	<10	250	740	—	—	—	—	<10	<10	—
MW-3	03/14/89	36.17	12.15	24.02	600	—	1.4	<0.5	8.7	17	—	—	—	—	—	—	—
MW-3	06/13/89	36.17	12.40	23.77	10,000	—	9.0	6.0	290	530	—	—	—	—	—	—	—
MW-3	09/13/89	36.17	13.68	22.49	8,100	—	4.0	3.0	86	210	—	—	—	—	—	—	—
MW-3	12/13/89	36.17	13.58	22.59	2,600	—	20	<0.3	91	170	—	—	—	—	—	—	—
MW-3	03/13/90	36.17	12.69	23.48	4,200	—	17	<0.3	130	200	—	—	—	—	—	—	—
MW-3	10/11/90	36.17	14.11	22.06	9,800	—	3.0	28	380	640	—	—	—	—	—	—	—
MW-3	10/11/90	36.17	14.11	22.06	9,800	—	<3.0	12	430	720	—	—	—	—	—	—	—
MW-3	04/05/91	36.17	11.65	24.52	120,000	—	<60	200	630	970	—	—	—	—	—	—	—
MW-3	04/05/91	36.17	11.65	24.52	96,000	—	<15	92	420	570	—	—	—	—	—	—	—
MW-3	10/30/91	36.17	14.36	21.81	5,100	—	<0.5	8.8	66	73	—	—	—	—	—	—	—
MW-3	04/23/92	36.17	11.24	24.93	590	—	<0.5	1.6	1.1	0.6	—	—	—	—	—	—	—
MW-3	07/20/92	36.17	12.38	23.79	2,100	—	12	3.5	25	21	—	—	—	—	—	—	—
MW-3	10/30/92	36.17	13.68	22.49	2,900	—	8.1	8.0	23	20	—	—	—	—	—	—	—
MW-3	01/20/93	36.17	10.16	26.01	420	—	42	3.8	3.1	2.3	—	—	—	—	—	—	—
MW-3	04/30/93	36.17	9.64	26.53	340	—	1.7	0.9	<0.5	<1.5	—	—	—	—	—	—	—
MW-3	08/06/93	36.17	11.05	25.12	3,000	—	<1.0	8.8	7.7	6.1	—	—	—	—	—	—	—
MW-3	10/22/93	36.17	11.86	24.31	3,000	—	3.6	3.4	<0.5	6.2	—	—	—	—	—	—	—
MW-3	01/25/94	36.17	11.66	24.51	5,600	—	8.2	15	18	34	—	—	—	—	—	—	—
MW-3	04/05/94	36.17	10.82	25.35	1,700	—	50	32	24	31	—	—	—	—	—	—	—
MW-3	07/01/94	36.17	11.43	24.74	3,800	—	1.3	16	12	20	—	—	—	—	—	—	—
MW-3	02/13/95	36.17	9.33	26.84	1,700	—	<2.5	<2.5	4.0	5.4	—	—	—	—	—	—	—
MW-3	05/10/95	36.17	9.26	26.91	20,000	—	<5.0	<5.0	<5.0	<5.0	—	—	—	—	—	—	—
MW-3	08/02/95	36.17	10.20	25.97	1,700	—	<10	<10	<10	<10	—	—	—	—	—	—	—
MW-3	05/08/96	36.17	9.53	26.64	720	—	<1.0	1.8	1.3	2.0	52	—	—	—	—	—	—
MW-3	11/07/96	36.17	11.44	24.73	1,400	—	<1.2	<1.2	<1.2	6.9	7.9	—	—	—	—	—	—
MW-3	05/07/97	36.17	9.37	26.80	1,500	—	9.7	<2.0	3.7	<2.0	<10	—	—	—	—	—	—
MW-3	11/04/97	36.17	11.75	24.42	1,300	—	16	7.4	<2.0	3.6	21	—	—	—	—	—	—
MW-4	12/08/87	36.05	11.72	24.33	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/23/88	36.05	11.61	24.44	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	06/08/88	36.05	11.94	24.11	<1,000	—	<0.5	31	1.0	1.1	—	—	—	—	—	—	—
MW-4	08/05/88	36.05	12.80	23.25	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	09/08/88	36.05	13.19	22.86	1,300	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	<0.1	<0.1	—
MW-4	12/06/88	36.05	13.31	22.74	100	—	<1.0	<1.0	<1.0	<1.0	—	—	—	—	<1.0	<1.0	—

**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater											Dissolved Oxygen (mg/L)	
		Elevation (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 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)		EDC (ppb)
MW-4	03/14/89	36.05	11.88	24.17	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	06/13/89	36.05	12.19	23.86	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	09/13/89	36.05	13.49	22.56	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	12/13/89	36.05	13.33	22.72	140	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—
MW-4	03/13/90	36.05	11.49	24.56	210	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—
MW-4	10/11/90	36.05	13.93	22.12	370	—	<0.5	2.8	1.9	3.9	—	—	—	—	—	—
MW-4	04/05/91	36.05	11.42	24.63	790	—	<0.5	1.6	1.6	2.3	—	—	—	—	—	—
MW-4	10/30/91	36.05	14.43	21.62	510	—	<0.5	0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	04/23/92	36.05	10.93	25.12	880	—	6.6	7.0	5.9	11	—	—	—	—	—	—
MW-4	07/20/92	36.05	12.14	23.91	500	—	<0.5	1.2	0.6	2.2	—	—	—	—	—	—
MW-4	10/30/92	36.05	13.45	22.60	750	—	<0.5	1.4	6.0	21	—	—	—	—	—	—
MW-4	01/20/93	36.05	9.76	26.29	280	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	04/30/93	36.05	9.19	26.86	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—
MW-4	08/06/93	36.05	10.68	25.37	580	—	<1.0	12	<1.0	<3.0	—	—	—	—	—	—
MW-4	10/22/93	36.05	11.54	24.51	<50	—	<0.5	0.6	<0.5	<1.5	—	—	—	—	—	—
MW-4	01/25/94	36.05	11.37	24.68	1,200	—	2.0	5.4	5.5	8.2	—	—	—	—	—	—
MW-4	04/05/94	36.05	10.51	25.54	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	07/01/94	36.05	11.14	24.91	350	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	02/13/95	36.05	8.95	27.10	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/10/95	36.05	8.86	27.19	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	08/02/95	36.05	9.90	26.15	130	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	05/08/96	36.05	9.10	26.95	<50	—	<0.5	0.63	<0.5	<0.5	7.5	—	—	—	—	—
MW-4	11/07/96	36.05	10.78	25.27	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/07/97	36.05	8.98	27.07	120	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—
MW-4	11/04/97	36.05	11.47	24.58	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	12/08/87	35.65	12.04	23.61	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	05/23/88	35.65	11.39	24.26	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	06/08/88	35.65	11.48	24.17	<1,000	—	<0.5	5.0	2.0	5.5	—	—	—	—	—	—
MW-5	08/05/88	35.65	12.42	23.23	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	09/08/88	35.65	12.79	22.86	340	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	—	—
MW-5	12/06/88	35.65	12.96	22.69	<100	—	<1.0	<1.0	<1.0	<1.0	—	—	—	—	<1.0	<1.0
MW-5	03/14/89	35.65	11.58	24.07	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-5	06/13/89	35.65	11.80	23.85	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-5	09/13/89	35.65	13.11	22.54	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-5	12/13/89	35.65	13.30	22.35	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—
MW-5	03/13/90	35.65	12.12	23.53	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—
MW-5	10/11/90	35.65	13.56	22.09	<50	—	<0.5	<0.5	<0.5	1.0	—	—	—	—	—	—
MW-5	04/05/91	35.65	11.09	24.56	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-5	10/30/91	35.65	14.12	21.53	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-5	04/23/92	35.65	10.58	25.07	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-5	07/20/92	35.65	11.78	23.87	<50	—	<0.5	<0.5	<0.5	0.7	—	—	—	—	—	—
MW-5	10/30/92	35.65	13.08	22.57	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—

### Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater												Dissolved Oxygen (mg/L)	
		Elevation (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 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)		EDB (ppb)
MW-5	01/20/93	35.65	8.44	27.21	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	04/30/93	35.65	8.85	26.80	<50	—	<0.5	0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-5	08/06/93	35.65	10.35	25.30	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-5	10/22/93	35.65	11.19	24.46	<50	—	0.9	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-5	01/25/94	35.65	11.02	24.63	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	04/05/94	35.65	10.15	25.50	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	07/01/94	35.65	10.79	24.86	110	—	<0.5	1.0	<0.5	0.8	—	—	—	—	—	—	—
MW-5	02/13/95	35.65	8.66	26.99	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	05/10/95	35.65	8.50	27.15	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	08/02/95	35.65	9.48	26.17	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	05/08/96	35.65	8.80	26.85	<50	—	<0.5	0.63	<0.5	<0.5	7.1	—	—	—	—	—	—
MW-5	11/07/96	35.65	10.18	25.47	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	05/07/97	35.65	8.86	26.79	<50	—	<0.5	0.63	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-5	11/04/97	35.65	11.17	24.48	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6	06/08/88	36.92	12.90	24.02	<1,000	—	<0.5	6.0	11	30	—	—	—	—	—	—	—
MW-6	08/05/88	36.92	13.76	23.16	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6	09/08/88	36.92	14.13	22.79	1,200	—	0.6	<1.0	95	16	—	—	—	—	0.3	<0.1	—
MW-6	12/06/88	36.92	14.28	22.64	600	—	0.7	<1.0	6.0	9.0	—	—	—	—	<0.1	<0.1	—
MW-6	03/14/89	36.92	12.91	24.01	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-6	06/13/89	36.92	13.03	23.89	2,000	—	<0.5	0.9	3.0	5.0	—	—	—	—	—	—	—
MW-6	09/13/89	36.92	14.35	22.57	2,300	—	1.0	3.0	0.9	3.0	—	—	—	—	—	—	—
MW-6	12/13/89	36.92	14.39	22.53	870	—	5.0	1.0	2.0	1.0	—	—	—	—	—	—	—
MW-6	03/13/90	36.92	13.76	23.16	1,000	—	1.0	<0.3	1.0	1.0	—	—	—	—	—	—	—
MW-6	10/11/90	36.92	14.88	22.04	370	—	<0.5	1.1	0.6	0.8	—	—	—	—	—	—	—
MW-6	04/05/91	36.92	12.38	24.54	520	—	<0.5	1.0	1.0	<0.5	—	—	—	—	—	—	—
MW-6	10/30/91	36.92	15.09	21.83	760	—	<0.5	1.6	0.9	<0.5	—	—	—	—	—	—	—
MW-6	04/23/92	36.92	11.99	24.93	1,000	—	30	22	7.4	32	—	—	—	—	—	—	—
MW-6	07/20/92	36.92	13.14	23.78	400	—	<0.5	0.6	<0.5	0.5	—	—	—	—	—	—	—
MW-6	10/30/92	36.92	14.45	22.47	420	—	2.3	1.3	<0.5	<0.5	—	—	—	—	—	—	—
MW-6	01/20/93	36.92	10.80	26.12	580	—	4.3	0.7	1.1	0.8	—	—	—	—	—	—	—
MW-6	04/30/93	36.92	10.36	26.56	750	—	<0.5	1.5	0.7	<1.5	—	—	—	—	—	—	—
MW-6	08/06/93	36.92	11.75	25.17	1,200	—	<0.5	2.9	0.6	<0.9	—	—	—	—	—	—	—
MW-6	10/22/93	36.92	12.60	24.32	1,100	—	8.7	1.1	0.6	<1.5	—	—	—	—	—	—	—
MW-6	01/25/94	36.92	12.41	24.51	730	—	5.3	3.4	1.2	2.2	—	—	—	—	—	—	—
MW-6	04/05/94	36.92	11.54	25.38	450	—	10	3.3	0.6	0.6	—	—	—	—	—	—	—
MW-6	07/01/94	36.92	12.20	24.72	1,000	—	1.6	6.6	0.8	1.8	—	—	—	—	—	—	—
MW-6	02/13/95	36.92	10.20	26.72	870	—	<1.0	<1.0	<1.0	<1.0	—	—	—	—	—	—	—
MW-6	05/10/95	36.92	10.04	26.88	690	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-6	08/02/95	36.92	10.90	26.02	1,200	—	<2.0	<2.0	<2.0	<2.0	—	—	—	—	—	—	—
MW-6	05/08/96	36.92	10.28	26.64	700	—	<5.0	<5.0	<5.0	<5.0	<25	—	—	—	—	—	—
MW-6	11/07/96	36.92	11.28	25.64	450	—	5.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-6	05/07/97	36.92	10.48	26.44	1,700	—	24.0	4.4	<1.0	<1.0	6	—	—	—	—	—	—

**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
MW-6	11/04/97	36.92	12.42	24.50	1,400	—	<2.0	<2.0	<2.0	<2.0	15	—	—	—	—	—	—
MW-7	06/08/88	35.71	11.66	24.05	<1,000	—	<0.5	0.8	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	08/05/88	35.71	12.51	23.20	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	09/08/88	35.71	12.88	22.83	80	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	0.2	<0.1	—
MW-7	12/06/88	35.71	13.06	22.65	<50	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	<0.1	<0.1	—
MW-7	03/14/89	35.71	11.74	23.97	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	06/13/89	35.71	11.87	23.84	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	09/13/89	35.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	12/13/89	35.71	13.10	22.61	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-7	03/13/90	35.71	12.21	23.50	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-7	10/11/90	35.71	13.68	22.03	66	—	<0.5	0.8	1.5	3.0	—	—	—	—	—	—	—
MW-7	04/05/91	35.71	11.27	24.44	260	—	0.6	0.9	0.7	1.1	—	—	—	—	—	—	—
MW-7	10/30/91	35.71	14.10	21.61	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	04/23/92	35.71	10.74	24.97	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	07/20/92	35.71	11.89	23.82	<50	—	<0.5	<0.5	<0.5	0.7	—	—	—	—	—	—	—
MW-7	10/30/92	35.71	13.20	22.51	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	01/20/93	35.71	9.58	26.13	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	04/30/93	35.71	9.04	26.67	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-7	08/06/93	35.71	10.45	25.26	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-7	10/22/93	35.71	11.34	24.37	<50	—	<0.5	0.7	<0.5	<1.5	—	—	—	—	—	—	—
MW-7	01/25/94	35.71	11.14	24.57	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	04/05/94	35.71	10.25	25.46	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	07/01/94	35.71	10.67	25.04	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	02/13/95	35.71	8.71	27.00	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	05/10/95	35.71	8.67	27.04	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	08/02/95	35.71	9.66	26.05	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	05/08/96	35.71	8.92	26.79	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-7	11/07/96	35.71	10.36	25.35	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	05/07/97	35.71	9.21	26.50	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-7	11/04/97	35.71	11.01	24.70	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	06/08/88	35.28	11.32	23.96	<1,000	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	08/05/88	35.28	12.16	23.12	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	09/08/88	35.28	12.52	22.76	<50	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	0.1	<0.1	—
MW-8	12/05/88	35.28	12.69	22.59	<50	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	<0.1	<0.1	—
MW-8	03/14/89	35.28	11.43	23.85	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	06/13/89	35.28	11.50	23.78	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	09/13/89	35.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	12/13/89	35.28	12.72	22.56	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-8	03/13/90	35.28	11.83	23.45	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-8	10/11/90	35.28	13.31	21.97	<50	—	<0.5	<0.5	<0.5	0.5	—	—	—	—	—	—	—
MW-8	04/05/91	35.28	10.90	24.38	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—

**Groundwater Levels and Chemical Analysis**

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing	Depth to	Groundwater	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
		Elevation (feet)	Water (feet)	Elevation (feet)													
MW-8	10/30/91	35.28	13.56	21.72	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	04/23/92	35.28	10.42	24.86	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	07/20/92	35.28	11.54	23.74	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	10/30/92	35.28	12.84	22.44	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	01/20/93	35.28	9.40	25.88	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	04/30/93	35.28	8.84	26.44	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-8	08/06/93	35.28	10.17	25.11	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-8	10/22/93	35.28	11.04	24.24	<50	—	<0.5	0.7	<0.5	<1.5	—	—	—	—	—	—	—
MW-8	01/25/94	35.28	10.81	24.47	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	04/05/94	35.28	9.94	25.34	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	07/01/94	35.28	10.92	24.36	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	02/13/95	35.28	8.53	26.75	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8 (e)	05/10/95	35.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	06/06/95	35.28	8.76	26.52	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	08/02/95	35.28	9.38	25.90	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	05/08/96	35.28	8.70	26.58	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-8	11/07/96	35.28	10.23	25.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	05/07/97	35.28	8.74	26.54	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-8	11/04/97	35.28	10.63	24.65	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-A	05/10/95	—	9.08	—	210	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-A	08/04/95	—	10.02	—	220	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-A	05/08/96	—	9.50	—	78	—	<0.5	<0.5	<0.5	<0.5	2.5	—	—	—	—	—	—
MW-A	11/07/96	—	11.14	—	480	—	3.5	<0.5	3.1	1.3	<2.5	—	—	—	—	—	—
MW-A	05/07/97	—	9.54	—	18	—	1.1	<0.5	<0.5	0.60	<2.5	—	—	—	—	—	—
MW-A	11/04/97	—	11.45	—	230	—	1.6	1.0	<0.5	0.70	4.1	—	—	—	—	—	—

NOTES: TPH-G = total petroleum hydrocarbons as gasoline      ppb = parts per billion  
 TPH-D = total petroleum hydrocarbons as diesel      ppm = parts per million  
 MTBE = methyl-tert butyl ether      mg/L = milligrams per liter  
 TOG = total oil and grease      ND = not detected at or above method detection limit  
 TRPO = total recoverable petroleum oil      — = not analyzed or not provided  
 EDC = 1,2-dichloroethane      \* = unidentified hydrocarbons <C10  
 EDB = ethylene dibromide      \*\* = dissolved oxygen measurement taken after purging well

(a) The analytical results of the groundwater sample for well MW-1 were inconsistent with the previous analytical results for this well. Sequoia Analytical Laboratory re-analyzed the sample past hold time; therefore, the results may be biased low.

(b) Monitoring well MW-1 was resampled on November 20, 1995. The vial containing the water sample collected from this well on November 2, 1995 was inadvertently broken by the laboratory. Dissolved oxygen reading was taken on November 2, 1995.

## Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (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 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
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(c) Sequoia Analytical Laboratory reported that the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.

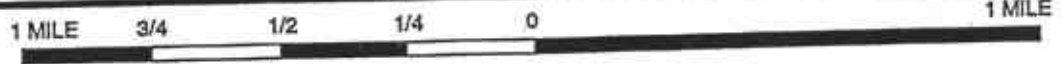
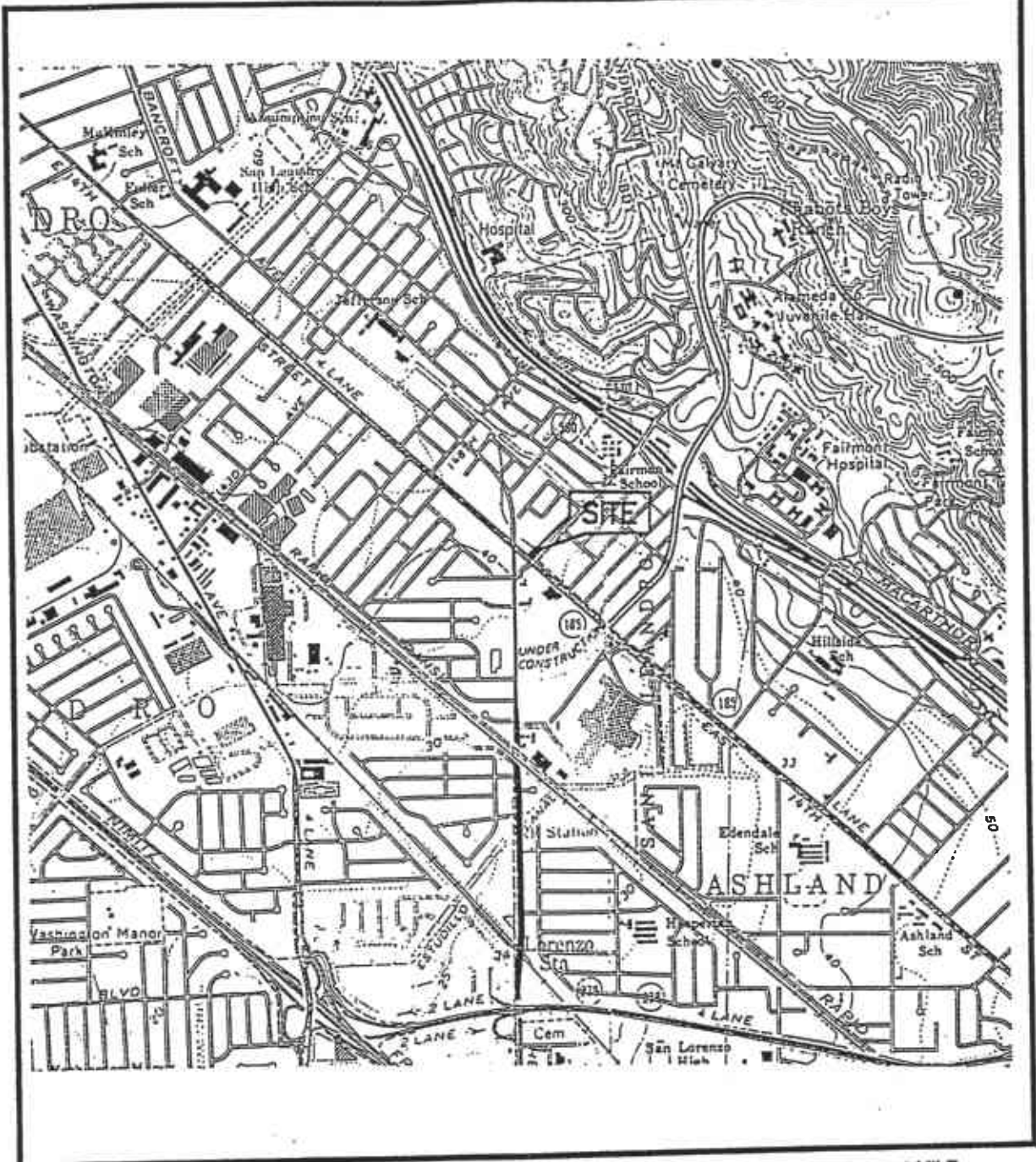
(d) Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be gasoline.

(e) Well was inaccessible.

(f) All EPA 8010 constituents were non-detectable.

(g) Monitoring wells MW-8 and MW-11 were resampled on February 14, 1996. The vials containing the water samples collected from the wells on February 8, 1996 were inadvertently broken by the laboratory. Dissolved oxygen reading was taken on February 8, 1996.

(h) Well located on Shadrall property.



SCALE 1:24,000




Source: U.S.G.S. Map  
Hayward & San Leandro  
Quadrangles  
California  
7.5 Minute Series

**VICINITY MAP**

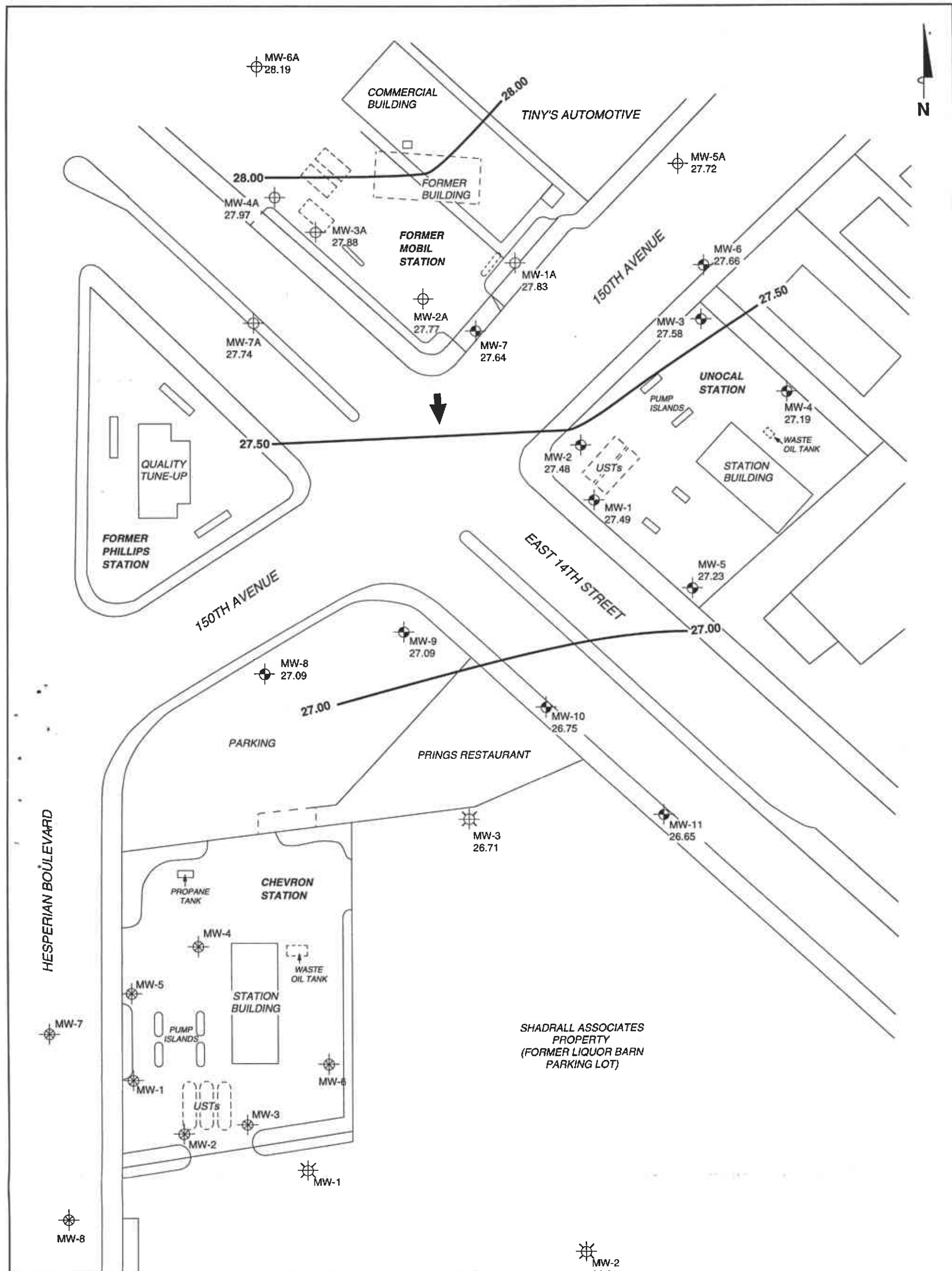
Former Mobil Station 04-FGN  
14994 East 14th Street  
San Leandro, California

**FIGURE 1**



**ALTON  
GEOSCIENCE**  
Livermore, California





**LEGEND**

- |       |   |       |  |
|-------|---|-------|--|
| MW-7A | Groundwater monitoring well (Mobil)             | 27.74 | Groundwater elevation in feet above mean sea level (NGVD-1929) |
| MW-11 | Groundwater monitoring well (Unocal)            | —     | Groundwater elevation contour line                             |
| MW-5  | Groundwater monitoring well (Chevron)           | ➔     | General direction of groundwater gradient                      |
| MW-1  | Groundwater monitoring well (Shadrall Property) |       |  |

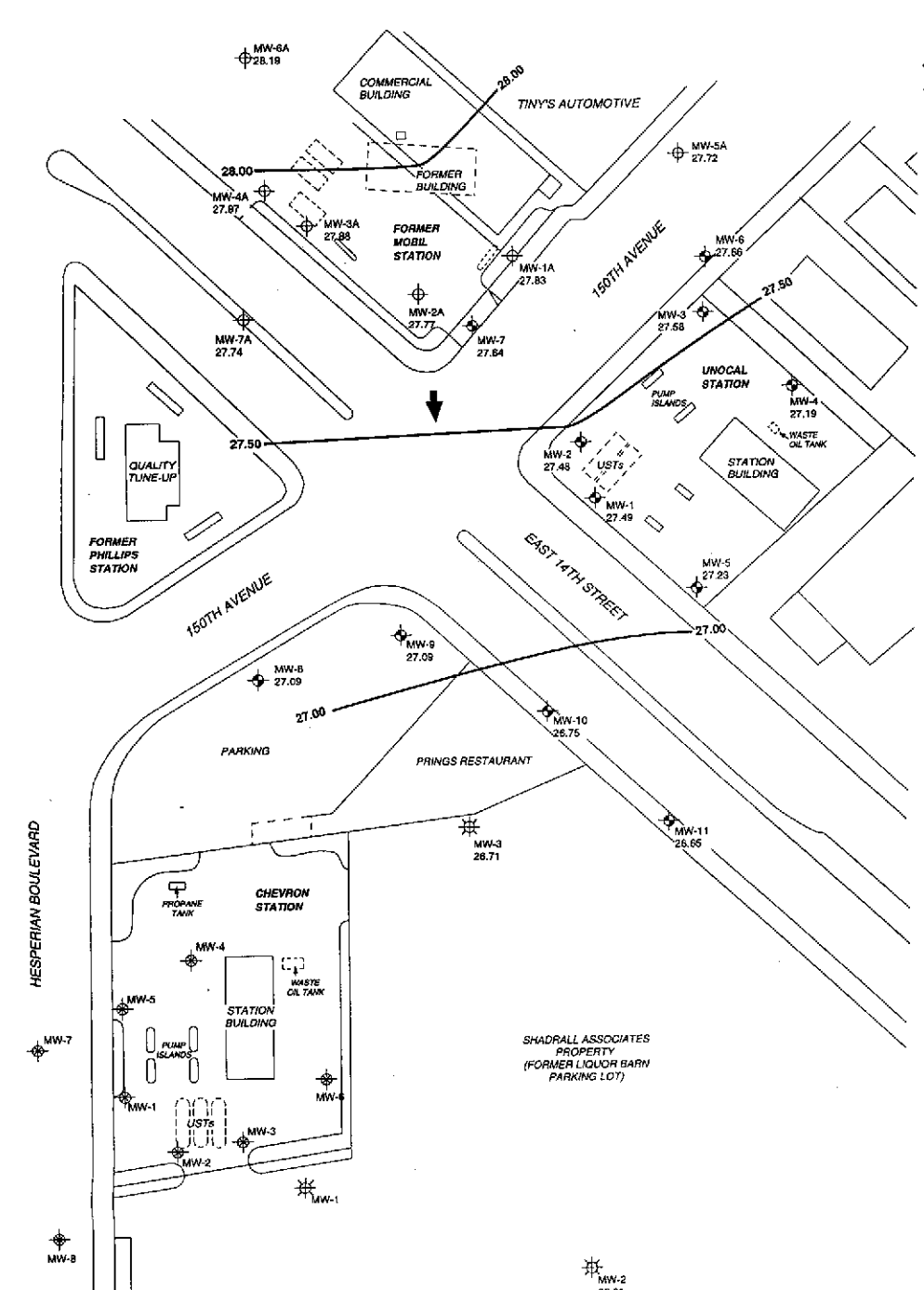


NOTES:  
 Contour lines are interpretive based on fluid-level measurements taken on August 12, 1998. Contour interval = 0.5 foot.

**GROUNDWATER ELEVATION CONTOUR MAP**  
 August 12, 1998

Former Mobil Station 04-FGN  
 14994 East 14th Street  
 San Leandro, California

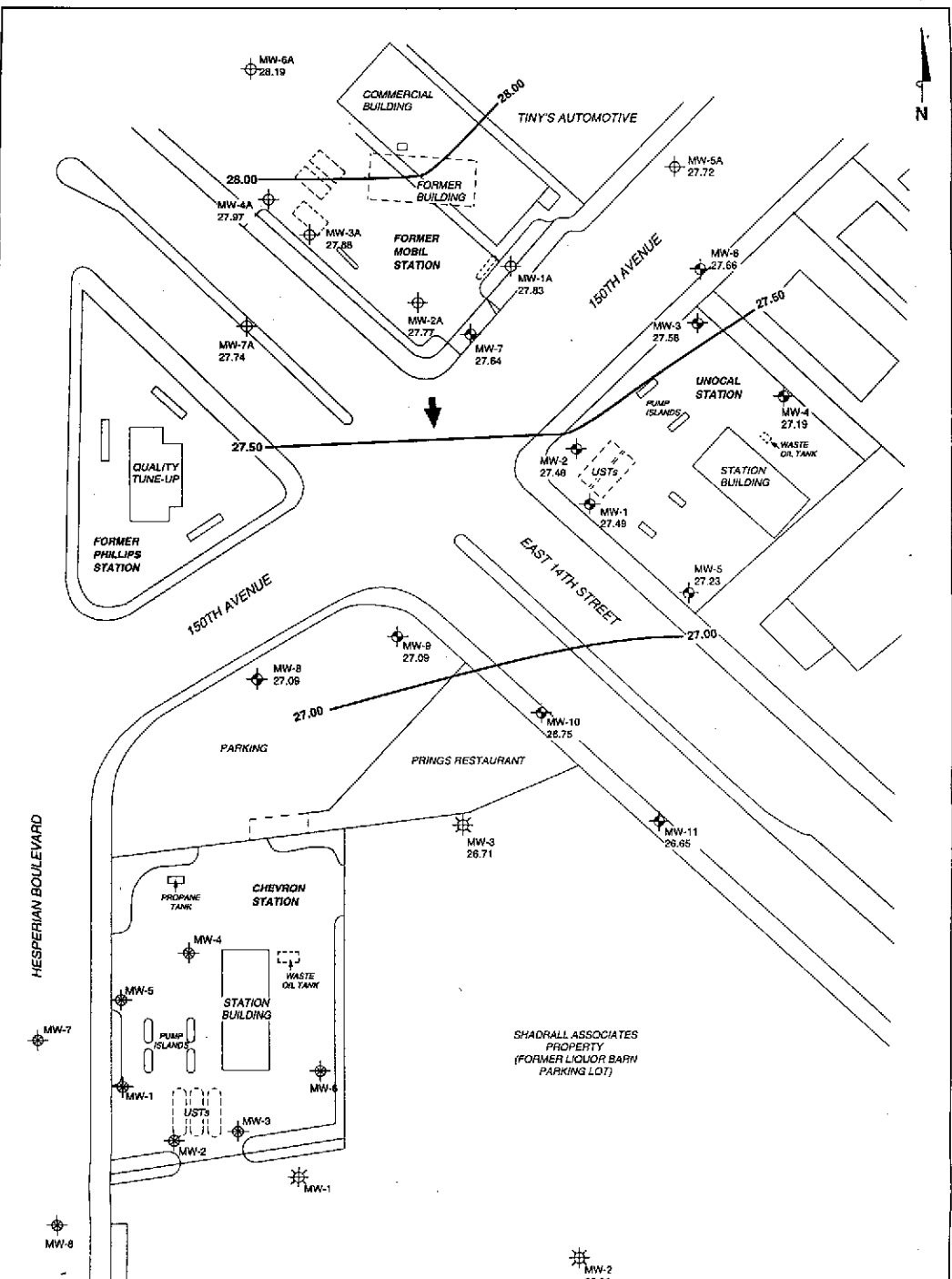
**FIGURE 2**



LEGEND			
MW-7A	Groundwater monitoring well (Mobil)	27.74	Groundwater elevation in feet above mean sea level (NGVD-1929)
MW-11	Groundwater monitoring well (Unocal)	—	Groundwater elevation contour line
MW-5	Groundwater monitoring well (Chevron)	→	General direction of groundwater gradient
MW-1	Groundwater monitoring well (Shadrall Property)		

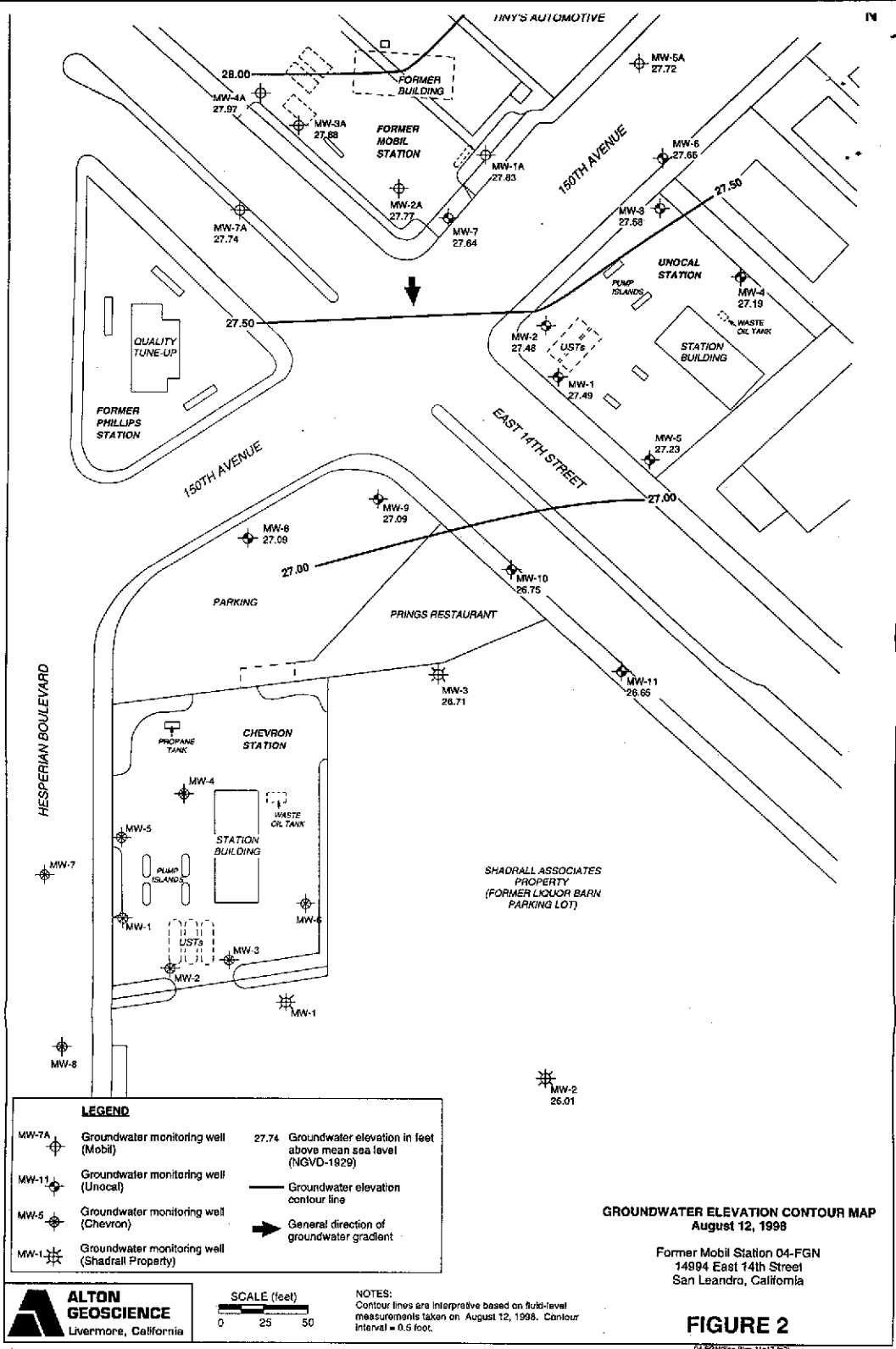
**GROUNDWATER ELEVATION CONTOUR MAP**  
August 12, 1998

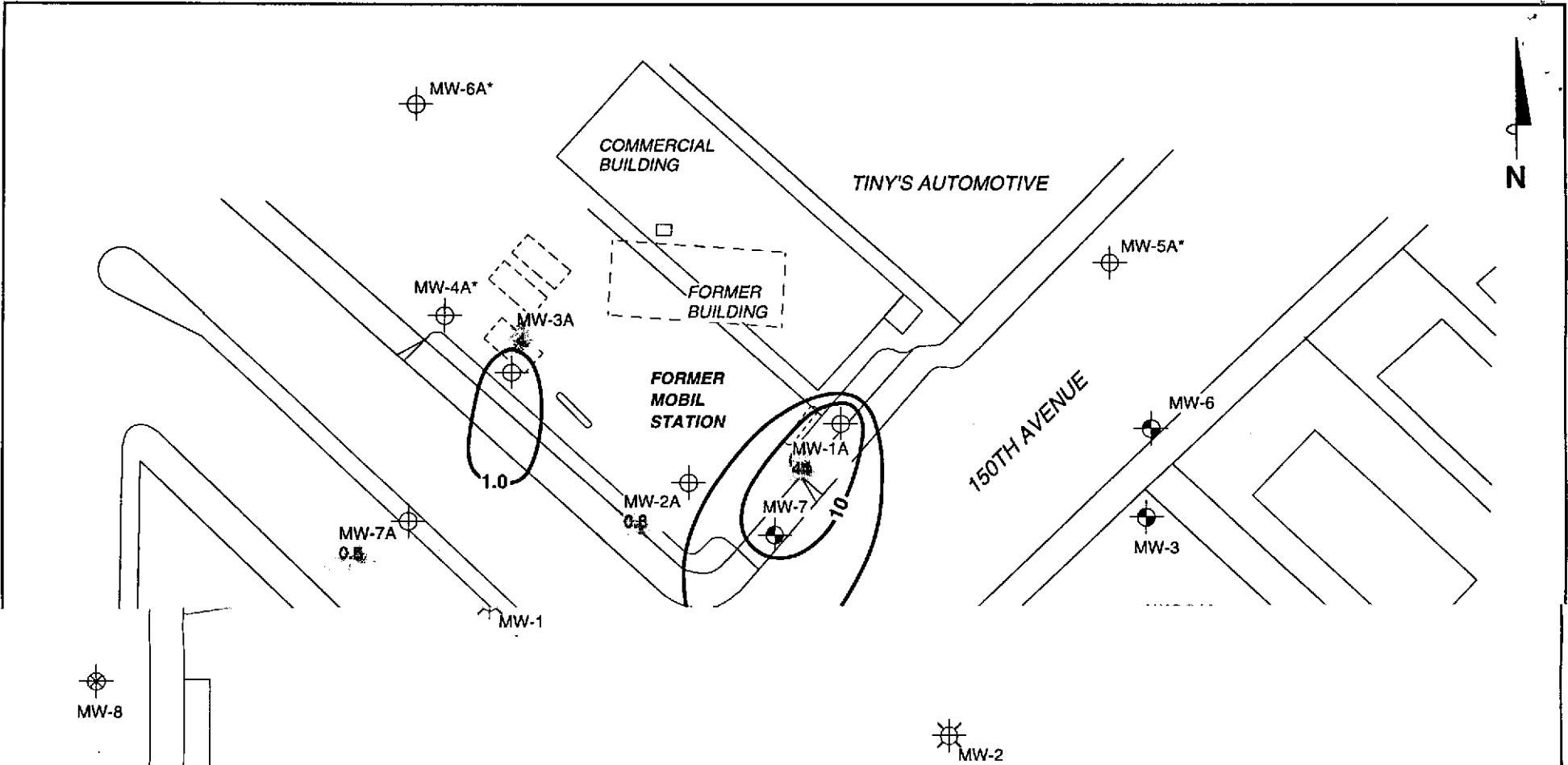
Former Mobil Station 04-FGN  
14994 East 14th Street  
San Leandro, California



LEGEND	
MW-7A	Groundwater monitoring well (Mobil)
MW-11	Groundwater monitoring well (Unocal)
MW-5	Groundwater monitoring well (Chevron)
27.74	Groundwater elevation in feet above mean sea level (NGVD-1929)
—	Groundwater elevation contour lines
➔	General direction of groundwater gradient

**GROUNDWATER ELEVATION CONTOUR MAP**  
August 12, 1998





<b>LEGEND</b>			
MW-7A	Groundwater monitoring well (Mobil)	41	Dissolved-phase benzene concentration (ppb)
MW-11	Groundwater monitoring well (Unocal)	—	Benzene isoconcentration line
MW-5	Groundwater monitoring well (Chevron)		
MW-1	Groundwater monitoring well (Shadrall Property)		

**DISSOLVED-PHASE BENZENE CONCENTRATIONS**  
**August 12, 1998**

Former Mobil Station 04-FGN  
 14994 East 14th Street  
 San Leandro, California



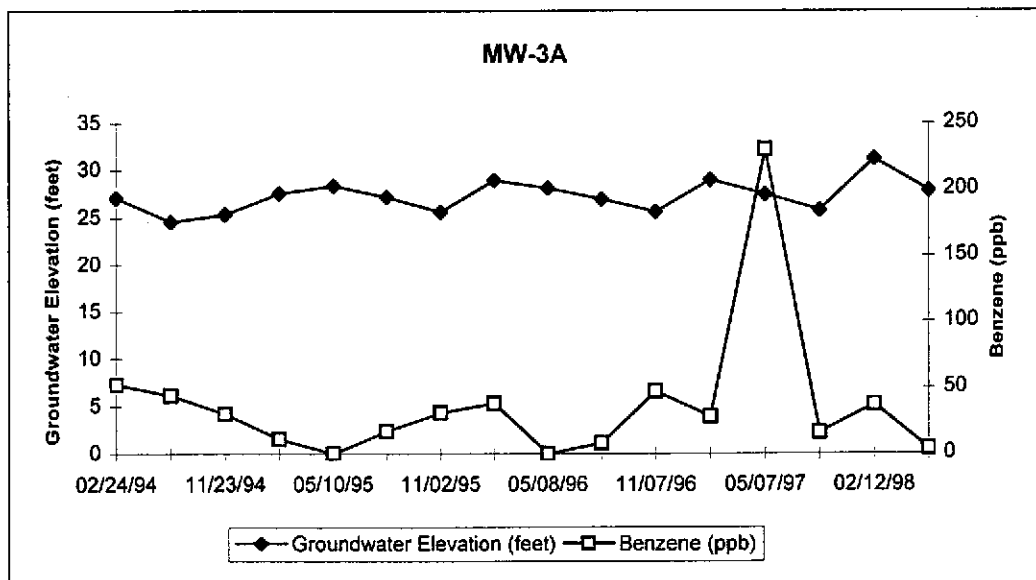
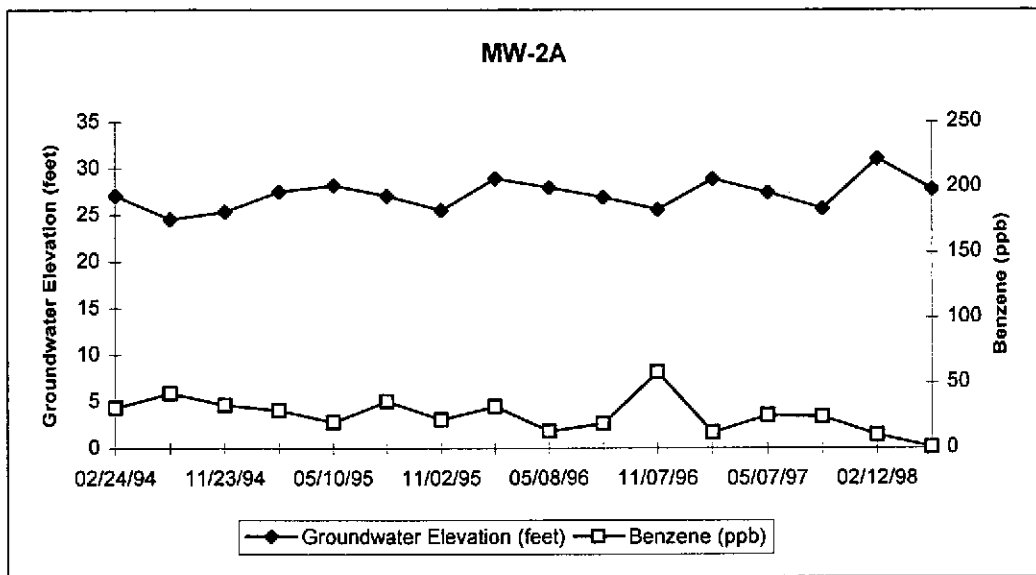
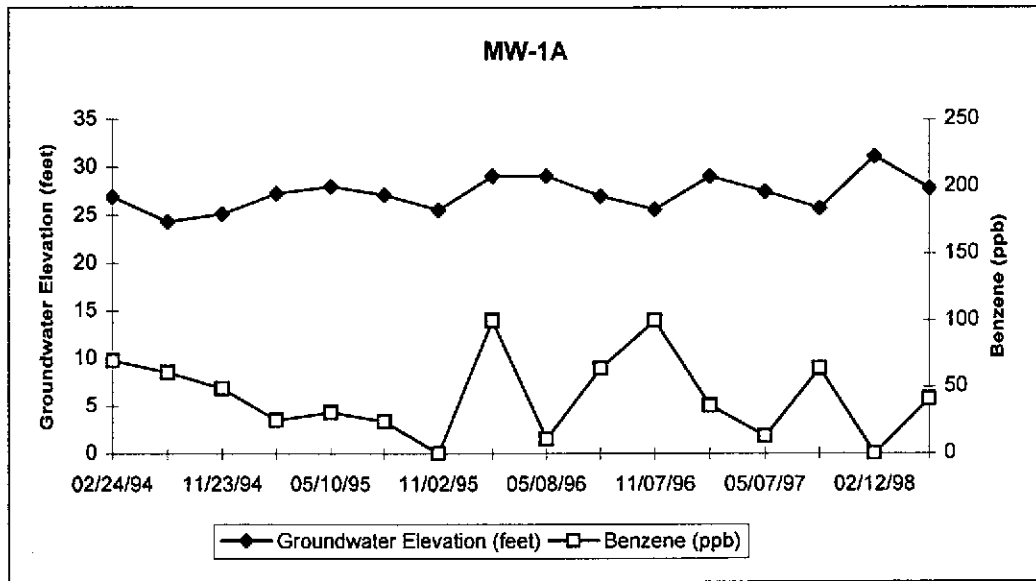
**NOTES:**  
 Results are based on laboratory analysis of groundwater samples collected on August 12, 1998. ppb = parts per billion; \* = well not scheduled for sampling.

**FIGURE 3**

**EXHIBIT 4**

**BENZENE VERSUS GROUNDWATER ELEVATION GRAPHS**

# Benzene vs. Groundwater Elevation Graphs



NOTE: ND values are plotted as zero.

**EXHIBIT 5**

**WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL**



## WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL

### FLUID-LEVEL MONITORING

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

### GROUNDWATER SAMPLING

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

#### *NON-PURGE METHOD:*

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

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

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

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

#### *PURGE METHOD:*

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

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

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

**EXHIBIT 6**

**MONITORING WELL SAMPLING FORMS**

# FLUID MEASUREMENT FIELD FORM

Project No.: 41-0114-50  
 Station No.: 04-FGN

Alton Personnel: SL & KD  
 Date: 8/12/98

Well Number	Screen Interval	Depth to Water	Depth to Product	Free Product Thickness (ft)	Free Product Recovery	Total Depth	D.O. mg/L Comments
MW-6A		8.91				24.07	1.29
MW-4A		9.21				25.49	.52
MW-5A		8.19				24.27	1.17
MW-1A		8.80				13.62	.25
MW-2A		8.85				24.41	.82
MW-3A		9.05				22.45	.22
MW-7A		9.65				20.61	.23

# GROUND WATER SAMPLING FIELD NOTES

Site: 04-FGN Project No.: 41-0114-50 Sampled By: SL & KD Date: 8/12/98

Well No. MW-7A Purge Method: Sub  
 Total Depth (feet) 20.61 Depth to Product (feet): \_\_\_\_\_  
 Depth to Water (feet): 9.65 Product Recovered (gallons): \_\_\_\_\_  
 Water Column (feet): 10.96 Casing Diameter (Inches): 4"  
 80% Recharge Depth (feet): 11.44 1 Well Volume (gallons): 7.12

Well No. MW-3A Purge Method: Sub  
 Total Depth (feet) 22.95 Depth to Product (feet): \_\_\_\_\_  
 Depth to Water (feet): 9.05 Product Recovered (gallons): \_\_\_\_\_  
 Water Column (feet): 13.9 Casing Diameter (Inches): 2  
 80% Recharge Depth (feet): 11.83 1 Well Volume (gallons): 2.1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
1:27			7	1.05	82.3	6.61
			14	0.95	79.1	6.59
1:27			22	0.98	78.6	6.60
Total Purged			22	Time Sampled		1:38

Comments: \_\_\_\_\_  
Turbidity = \_\_\_\_\_

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
3:32			2	1.30	85.7	6.96
			4	1.17	83.9	7.01
	3:34		7	1.15	82.3	7.01
Total Purged			7	Time Sampled		3:44

Comments: Zum + 250 kg  
Turbidity = \_\_\_\_\_

Well No. MW-1A Purge Method: Sub  
 Total Depth (feet) 13.62 Depth to Product (feet): \_\_\_\_\_  
 Depth to Water (feet): 8.80 Product Recovered (gallons): \_\_\_\_\_  
 Water Column (feet): 4.82 Casing Diameter (Inches): 2"  
 80% Recharge Depth (feet): 9.76 1 Well Volume (gallons): 0.77

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
2:26			1	1.93	98.5	7.22
			2	1.38	98.5	6.74
	2:28		3	1.52	98.5	6.62
Total Purged			3	Time Sampled		2:36

Comments: 3 runs @ 100 Hz  
Turbidity = \_\_\_\_\_

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

Comments: \_\_\_\_\_  
Turbidity = \_\_\_\_\_

Well No. MW-2A Purge Method: Sub  
 Total Depth (feet) 24.41 Depth to Product (feet): \_\_\_\_\_  
 Depth to Water (feet): 8.85 Product Recovered (gallons): \_\_\_\_\_  
 Water Column (feet): 15.56 Casing Diameter (Inches): 2"  
 80% Recharge Depth (feet): 11.96 1 Well Volume (gallons): 2.48

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
2:49			3	1.42	100.3	7.03
			6	1.14	90.2	6.60
	3:02		9	1.08	84.8	6.63
Total Purged			9	Time Sampled		3:12

Comments: 3 in a 200 Hz  
Turbidity = \_\_\_\_\_

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

Comments: \_\_\_\_\_  
Turbidity = \_\_\_\_\_



# GETTLER-RYAN INC.

## FAX TRANSMITTAL PAGE

TO: Chris Dennis

DATE: 8/19/98

FAX NO: 606-9260

FROM: JOHN WEBER

NUMBER OF PAGES: 1  
(Including this page)RE: UNOCAL SS#3292, 15008 East 14th Street San Leandro, CA

Below please find the water level data for the joint monitoring event of August 12, 1998, at the above referenced site. Chris, Could you please fax me your data for this event. Thanks, John

<u>WELL</u>	<u>TOC</u>	<u>DTW</u>	<u>PT</u>
MW-1	36.34	8.85	0
MW-2	36.30	8.82	0
MW-3	36.42	8.84	0
MW-4	37.04	9.85	0
MW-5	35.92	8.69	0
MW-6	35.68	8.02	0
MW-7	36.06	8.42	0
MW-8	36.87	9.78	0
MW-9	36.27	9.18	0
MW-10	36.02	9.27	0
MW-11	35.50	8.85	0
MW-2(SP)	35.44	9.43	0
MW-3(SP)	35.82	9.11	0

TOC = Top of Casing

DTW = Depth to Water (ft)

PT = Product Thickness (ft)

SP = Wells located on Shendrail Property

Should you have any questions, or do not receive all pages of this transmission,  
please call (925) 551-7555. Thank you.

**EXHIBIT 7**

**ANALYTICAL LABORATORY DATA SHEETS**



**RECEIVED**  
AUG 24 1998

LLI Sample No. **WW 2982056**

Collected: 8/12/98 at 13:38 by SL

Submitted: 8/14/98 Reported: 8/21/98

Discard: 9/21/98

MW-7A Grab Water Sample  
LOC# 04-FGN PRCA# 980044 PHC# 5L  
MOBIL: 14994 E. 14th St.; San Leandro, CA

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

BY: \_\_\_\_\_  
P.O. 04-FGN  
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		
		RESULTS	REPORTING LIMIT	UNITS
8209	BTEX, MTBE (8020)			
0776	Benzene	0.5	0.3	ug/l
0777	Toluene	N.D.	0.3	ug/l
0778	Ethylbenzene	N.D.	0.3	ug/l
0779	Total Xylenes	N.D.	0.6	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	N.D.	50.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS		
										LOW	HIGH	
8209	BTEX, MTBE (8020)	Batch: 98229A02										
0776	Benzene	N.D.		110	104	6	97				81	124
	0.3 ug/l											
0777	Toluene	N.D.		114	104	9	100				84	119
	0.3 ug/l											
0778	Ethylbenzene	N.D.		110	103	7	101				82	118
	0.3 ug/l											
0779	Total Xylenes	N.D.		108	102	5	101				81	120
	0.6 ug/l											
0780	Methyl tert-Butyl Ether	N.D.		96	93	3	90				79	125
	10. ug/l											
8268	8015 Mod. for Gasoline	Batch: 98229A02										
5554	TPH-GRO (CA LUFT)	N.D.		103	100	3	115				72	124
	50. ug/l											

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

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative  
Melissa A. McDermott at (717) 656-2300  
09:42:23 D 0001 4 134751 627714  
673 0.00 00004500 ASR000

*Kate Whalen for*

Respectfully Submitted  
Michele Turner, B.A.  
Manager, Volatiles



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





LLI Sample No. WW 2982056  
Collected: 8/12/98 at 13:38 by SL

Submitted: 8/14/98 Reported: 8/21/98  
Discard: 9/21/98

MW-7A Grab Water Sample  
LOC# 04-FGN PRCA# 980044 PHC# 5L  
MOBIL: 14994 E. 14th St.; San Leandro, CA

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

P.O. 04-FGN  
Rel.

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

SURROGATE SUMMARY

Table with columns: TRIAL ID, SURROGATE, RECOVERY %, SURROGATE LIMITS (LOW, HIGH). Rows include 8209 BTEX, MTBE (8020) and 8268 8015 Mod. for Gasoline.

LABORATORY CHRONICLE

Table with columns: CAT NO, ANALYSIS NAME, METHOD, TRIAL ID, ANALYSIS DATE AND TIME, ANALYST. Rows include 8209 BTEX, MTBE (8020) and 8268 8015 Mod. for Gasoline.

State of California Lab Certification No. 2116

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

Questions? Contact your Client Services Representative  
Melissa A. McDermott at (717) 656-2300

*Kate Rhodes for*

Respectfully Submitted  
Michele Turner, B.A.  
Manager, Volatiles



Lancaster Laboratories  
2425 New Holland Pike  
PO Box 12425  
Lancaster, PA 17605-2425  
717-656-2300 Fax: 717-656-2621



**LLI Sample No. WW 2982057**

Collected: 8/12/98 at 14:38 by SL

Submitted: 8/14/98 Reported: 8/21/98

Discard: 9/21/98

MW-1A Grab Water Sample

LOC# 04-FGN PRCA# 980044 PHC# 5L

MOBIL: 14994 E. 14th St.; San Leandro, CA

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

P.O. 04-FGN  
 Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		UNITS
		RESULTS	REPORTING LIMIT	
8209	BTEX, MTBE (8020)			
0776	Benzene	41.	0.3	ug/l
0777	Toluene	12.	0.3	ug/l
0778	Ethylbenzene	1.8	0.3	ug/l
0779	Total Xylenes	20.	0.6	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	500.	50.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
8209	BTEX, MTBE (8020)	Batch: 98229A02									
0776	Benzene	N.D.		110	104	6	97			81	124
	0.3 ug/l										
0777	Toluene	N.D.		114	104	9	100			84	119
	0.3 ug/l										
0778	Ethylbenzene	N.D.		110	103	7	101			82	118
	0.3 ug/l										
0779	Total Xylenes	N.D.		108	102	5	101			81	120
	0.6 ug/l										
0780	Methyl tert-Butyl Ether	N.D.		96	93	3	90			79	125
	10. ug/l										
8268	8015 Mod. for Gasoline	Batch: 98229A02									
5554	TPH-GRO (CA LUFT)	N.D.		103	100	3	115			72	124
	50. ug/l										

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

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative

Melissa A. McDermott at (717) 656-2300  
 09:43:15 D 0001 4 134751 627714  
 673 0.00 00004500 ASR000

*Kate Rhodes for*

Respectfully Submitted  
 Michele Turner, B.A.  
 Manager, Volatiles



Lancaster Laboratories  
 2425 New Holland Pike  
 PO Box 12425  
 Lancaster, PA 17605-2425  
 717-656-2300 Fax: 717-656-2621



LLI Sample No. WW 2982057

Collected: 8/12/98 at 14:38 by SL

Submitted: 8/14/98 Reported: 8/21/98

Discard: 9/21/98

MW-1A Grab Water Sample

LOC# 04-FGN PRCA# 980044 PHC# 5L

MOBIL: 14994 E. 14th St.; San Leandro, CA

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

P.O. 04-FGN  
 Rel.

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

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS	
			LOW	HIGH
8209	BTEX, MTBE (8020)	92	77	125
8268	8015 Mod. for Gasoline	122	61	133

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	ANALYSIS		
			TRIAL ID	DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1	08/17/98 2122	Donald L. Shelly., Jr.
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1	08/17/98 2122	Donald L. Shelly., Jr.

State of California Lab Certification No. 2116

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

Questions? Contact your Client Services Representative  
 Melissa A. McDermott at (717) 656-2300.

*Kate Rhodes for*

Respectfully Submitted  
 Michele Turner, B.A.  
 Manager, Volatiles



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



LLI Sample No. **WW 2982058**

Collected: 8/12/98 at 15:12 by SL

Submitted: 8/14/98 Reported: 8/21/98

Discard: 9/21/98

MW-2A Grab Water Sample

LOC# 04-FGN PRCA# 980044 PHC# 5L

MOBIL: 14994 E. 14th St.; San Leandro, CA

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

P.O. 04-FGN  
 Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		
		RESULTS	REPORTING LIMIT	UNITS
8209	BTEX, MTBE (8020)			
0776	Benzene	0.8	0.3	ug/l
0777	Toluene	8.7	0.3	ug/l
0778	Ethylbenzene	2.4	0.3	ug/l
0779	Total Xylenes	4.7	0.6	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	1,300.	100.	ug/l

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LOW	LCS HIGH	
8209	BTEX, MTBE (8020)	Batch: 98229A02										
0776	Benzene											
	0.3 ug/l	N.D.		110	104	6	97			81	124	
0777	Toluene											
	0.3 ug/l	N.D.		114	104	9	100			84	119	
0778	Ethylbenzene											
	0.3 ug/l	N.D.		110	103	7	101			82	118	
0779	Total Xylenes											
	0.6 ug/l	N.D.		108	102	5	101			81	120	
0780	Methyl tert-Butyl Ether											
	10. ug/l	N.D.		96	93	3	90			79	125	
8268	8015 Mod. for Gasoline	Batch: 98229A02										
5554	TPH-GRO (CA LUFT)											
	100. ug/l	N.D.		103	100	3	115			72	124	

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

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative  
 Melissa A. McDermott at (717) 656-2300  
 09:44:10 D 0001 4 134751 627714  
 673 0.00 00004500 ASR000

*Michele Turner*

Respectfully Submitted  
 Michele Turner, B.A.  
 Manager, Volatiles



Lancaster Laboratories  
 2425 New Holland Pike  
 PO Box 12425  
 Lancaster, PA 17605-2425  
 717-656-2300 Fax 717-656-2581



LLI Sample No. WW 2982058
Collected: 8/12/98 at 15:12 by SL
Submitted: 8/14/98 Reported: 8/21/98
Discard: 9/21/98
MW-2A Grab Water Sample
LOC# 04-FGN PRCA# 980044 PHC# 5L
MOBIL: 14994 E. 14th St.; San Leandro, CA

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

P.O. 04-FGN
Rel.

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

SURROGATE SUMMARY

Table with columns: TRIAL ID, SURROGATE, RECOVERY %, SURROGATE LIMITS (LOW, HIGH). Rows include 8209 BTEX, MTBE (8020) and 8268 8015 Mod. for Gasoline.

LABORATORY CHRONICLE

Table with columns: CAT NO, ANALYSIS NAME, METHOD, TRIAL ID, ANALYSIS ID, DATE AND TIME, ANALYST. Rows include 8209 BTEX, MTBE (8020) and 8268 8015 Mod. for Gasoline.

State of California Lab Certification No. 2116

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

Questions? Contact your Client Services Representative
Melissa A. McDermott at (717) 656-2300

Handwritten signature: Kale Rhodes for

Respectfully Submitted
Michele Turner, B.A.
Manager, Volatiles



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



LLI Sample No. **WW 2982059**

Collected: 8/12/98 at 15:44 by SL

Submitted: 8/14/98 Reported: 8/21/98

Discard: 9/21/98

MW-3A Grab Water Sample  
 LOC# 04-FGN PRCA# 980044 PHC# 5L  
 MOBIL: 14994 E. 14th St.; San Leandro, CA

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

P.O. 04-FGN  
 Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		UNITS
		RESULTS	REPORTING LIMIT	
8209	BTEX, MTBE (8020)			
0776	Benzene	4.	1.	ug/l
0777	Toluene	18.	1.	ug/l
0778	Ethylbenzene	39.	1.	ug/l
0779	Total Xylenes	19.	3.	ug/l
0780	Methyl tert-Butyl Ether	N.D.	10.	ug/l
8268	8015 Mod. for Gasoline			
5554	TPH-GRO (CA LUFT)	5,600.	100.	ug/l
	Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.			

QUALITY CONTROL REPORT

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS	
										LOW	HIGH
8209	BTEX, MTBE (8020)	Batch: 98229A02									
0776	Benzene										
1.	ug/l	N.D.		110	104	6	97			81	124
0777	Toluene										
1.	ug/l	N.D.		114	104	9	100			84	119
0778	Ethylbenzene										
1.	ug/l	N.D.		110	103	7	101			82	118
0779	Total Xylenes										
3.	ug/l	N.D.		108	102	5	101			81	120
0780	Methyl tert-Butyl Ether										
10.	ug/l	N.D.		96	93	3	90			79	125
8268	8015 Mod. for Gasoline	Batch: 98229A02									

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

1 COPY TO Alton Geoscience

ATTN: Chris Dennis

Questions? Contact your Client Services Representative  
 Melissa A. McDermott at (717) 656-2300  
 09:44:58 D 0001 4 134751 627714  
 673 0.00 00004500 ASR000

*Kate Rhodes for*

Respectfully Submitted  
 Michele Turner, B.A.  
 Manager, Volatiles



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



LLI Sample No. WW 2982059

Collected: 8/12/98 at 15:44 by SL

Submitted: 8/14/98 Reported: 8/21/98  
Discard: 9/21/98

MW-3A Grab Water Sample  
LOC# 04-FGN PRCA# 980044 PHC# 5L  
MOBIL: 14994 E. 14th St.; San Leandro, CA

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

P.O. 04-FGN  
Rel.

SAMPLE RPT LIM	SAMPLE UNITS	BLANK	DUP RPD	MS	MSD	MS RPD	LCS	LCS DUP	LCS RPD	LCS LIMITS LOW	LCS LIMITS HIGH
5554	TPH-GRO (CA LUFT)										
100.	ug/l	N.D.		103	100	3	115			72	124

SURROGATE SUMMARY

TRIAL ID	SURROGATE	RECOVERY %	SURROGATE LIMITS	
			LOW	HIGH
8209	BTEX, MTBE (8020)	100	77	125
8268	8015 Mod. for Gasoline	153	61	133

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	ANALYSIS		
			TRIAL ID	DATE AND TIME	ANALYST
8209	BTEX, MTBE (8020)	SW-846 8020A	1	08/19/98 0725	Martha L. Bennett
8268	8015 Mod. for Gasoline	CA LUFT Gasoline Method	1	08/19/98 0725	Martha L. Bennett

State of California Lab Certification No. 2116

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

Questions? Contact your Client Services Representative  
Melissa A. McDermott at (717) 656-2300

*Kate Nichole for*

Respectfully Submitted  
Michele Turner, B.A.  
Manager, Volatiles



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

# Mobil Western Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only

Acct. #: 9-28 Sample #: 298-661-59

Please print.

SCR#: 1114939

Mobil Consultant/Office: ALVIN GEOSCIENCE

Consultant Prj. Mgr: Chris Doms Prj. #: 41-0114-50

Consultant Phone #: (925)-412-9150 Fax #: (925)-412-9260

Location Code #: CIFGNS

PRCA/AFE/Release #: 980044 Phase Code: SL

Site Address: 14994 E. 14th St. LEANDRO State: CA

Sampler: Kevin D. ? SARAH L.

Mobil Engineer: Cherine FOUTCH

Matrix		Analyses Requested										Preservative Codes			
		List total number of containers in the box under each analysis.													
		Preservative Codes													
Soil	Water	BTEX 8020	8021	+MTBE	TPH 8015 MOD	GRO	DRO	NWTPH Gx	DX	TPHAZ	Title 22 Metals	Lead 7420	7421		

**Preservative Codes**

H=HCl      T=Thiosulfate  
 N=HNO<sub>3</sub>      B=NaOH  
 S=H<sub>2</sub>SO<sub>4</sub>      O=Other

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers										Remarks
									BTEX 8020	8021	+MTBE	TPH 8015 MOD	GRO	DRO	NWTPH Gx	DX	TPHAZ	Title 22 Metals	
MW-7A	8/12/98	1:36	X		X	X			4	X	X							X Confirm highest concentration MTBE by 8260 X	
MW-1A	↓	2:38	X		X	X			4	X	X							Temp 4°C	
MW-2A	↓	3:12	X		X	X			4	X	X							TPH 8-11-98	
MW-3A	↓	3:44	X		X	X			4	X	X								
																		Blank coc was rec'd from lab w/ signature & date prior to sample collection date. SL 8/12/98	

<b>Turnaround Time Requested (TAT)</b> (please circle): <input checked="" type="radio"/> MOBIL STD. TAT    72 hour                      48 hour 24 hour                      other ____ day	Relinquished by:	Date	Time	Received by:	Date	Time
	<u>Kevin Doms</u>	<u>8/12/98</u>	<u>1:36</u>			
<b>Data Package Options</b> (please circle if requested)    SDG Complete?	Relinquished by:	Date	Time	Received by:	Date	Time
	<u>Kevin Doms</u>	<u>8/12/98</u>	<u>5:50</u>			
QC Summary    GLP                      Yes <input checked="" type="radio"/> No Type I (Tier I)    Other Type III (NJ Red. Del.)    Disk Type IV (CLP) Type VI (Raw Data) WIP	Relinquished by Commercial Carrier: UPS <input checked="" type="radio"/> FedEx    Other _____	Date	Time	Received by:	Date	Time
Site-specific QC required? Yes <input checked="" type="radio"/> No (If yes, indicate QC sample and submit triplicate volume.)  Internal Chain of Custody required? Yes <input checked="" type="radio"/> No	Temperature Upon Receipt <u>4.0</u> °C			Received by: <u>Cherine Foutch</u> Date/Time: <u>8/12/98 4:15</u>		
				Custody Seals Intact?	Yes <input checked="" type="radio"/> No    N/A	



**EXHIBIT 8**

**WASTE DISPOSAL MANIFESTS**

# Monitoring Well Purge Water Transport Form

## Generator Information Profile #1297-1335-PS

Name: Mobil Oil Corporation  
 Address: 3700 West 190th Street, TPT-2  
 City, State, Zip: Torrance, CA 90509-2929 Phone: (310) 212-1877  
 Description of Water: Monitoring well purge water  
 The generator certifies that this water as described is non-hazardous. George Montross  
for Mobil Oil [Signature] 8-20-98  
(Date)

## Site Information

Date Generated	Site Number	Amount Generated	Sampler's Initials		Date Generated	Site Number	Amount Generated	Sampler's Initials
1	8/12/98	01-F6N	45	SL	16			
2	8/18/98	04-N2A	100	SL	17			
3	8/20/98	10-K5E	420	SL	18			
4	8-14-98	99-PTB	400	GM	19			
5	8/13/98	10-680	30	SL	20			
6					21			
7					22			
8					23			
9					24			
10					25			
11					26			
12					27			
13					28			
14					29			
15					30			

Total:

## Transporter Information

Name: Clearwater Environmental Management  
 Address: P.O. Box 7420  
 City, State, Zip: Fremont, CA 94555 Phone: (800) 499-2676  
 Truck ID No.: 110/111 STEVEN R. [Signature] 8/27/98  
(Typed or printed full name & signature) (Date)

## Receiving Facility

Name: McKittrick Waste Treatment Site  
 Address: 56533 Highway 58 West  
 City, State, Zip: McKittrick, CA 93251 Phone: (805) 762-7607

Approval No.: 1297-1335-PS  
(Typed or printed full name & signature) (Date)

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.

2. Page 1 of

3. Document Number

NH- No 43668

4. Generator's Name and Mailing Address

Mobil Oil  
3700 W. 140th Street TPT2  
TOLKANCE, CA 90509-2929  
Generator's Phone 310-212-1877

Profile#  
1297-1335 PS

5. Transporter Company Name

Cleanwater ENVIRONMENTAL CARE 000007013

6. US EPA ID Number

7. Transporter Phone

510-797-8511

8. Designated Facility Name and Site Address

McKittick Waste Treatment Site  
56533 Hwy 5B, WEST  
McKittick, CA 93251 CAD984636831

9. US EPA ID Number

10. Facility's Phone

805-762-7366

11. Waste Shipping Name and Description

a. NON HAZARDOUS WASTE LIQUID

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt/Vol

001

TT

995

G

15. Special Handling Instructions and Additional Information

Wear PPE  
Emergency contact  
510-797-8511  
ATTN: Kirk Hayward

Handling Codes for Wastes Listed Above

11a.

11b.

site Alton Geoscience  
30A Lindberg  
Livermore, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to state or federal regulations for reporting proper disposal of hazardous waste.

Printed/Typed Name

Signature

Jacob Madden For Mobil

[Signature]

Month Day Year  
5 27 95

17. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

STEVEN R. STONE

[Signature]

Month Day Year  
08 27 98

18. Discrepancy Indication Space

Printed/Typed Name

Signature

Month Day Year