FORMAL CASE CLOSURE REQUEST
November 23, 1998

FORMER MOBIL STATION NO. 04-FGN
14994 East 14th Street
San Leandro, California

Alton Project No. 41-0114-50

Prepared For:

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1.0 INTRODUCTION

This report represents a request for case closure with technical justification for Former Mobil Service Station 04-FGN, located at 14994 East 14th Street in San Leandro, California (Figure 1). The objectives of this report are to:

- Summarize the findings and conclusions of environmental investigations and testing conducted at the site; and,
- Provide sufficient risk management information to support case closure with no further action.

The results of previous assessment activities revealed the presence of residual petroleum hydrocarbons at the site. This site closure request includes data regarding the lateral and vertical extent of impacted soil and groundwater, regional hydrogeologic characteristics, physical and chemical properties of the contaminant, and qualitative evaluation of potential human and environmental risks.

2.0 CURRENT SITE CONDITIONS

The Former Mobil Station 04-FGN site has been redeveloped as a retail shopping center. It is situated on a level, paved lot located at the northwest corner of the intersection of East 14th Street and 150th Avenue in San Leandro, California (Figure 1). The locations of the monitoring wells, the former building, the former pump islands and underground tank cluster are shown on Figure 2. The site is located in a commercial district and is approximately 3 miles east of the San Francisco Bay at an elevation of approximately 40 feet above mean sea level (msl).

An active Unocal Station exists to the southeast of the site. To the southwest, a Quality Tune Up station exists, prior to 1983 this site was occupied by a Phillips Petroleum service station. In addition, an active Chevron station is located to the south of the site (Figure 2).

3.0 GEOLOGY AND HYDROGEOLOGY OF THE SITE

The topography in the area of the site slopes gently southwest towards the San Francisco Bay. The site is underlain by Quaternary alluvium consisting of primarily clays interbedded with silt and fine sands. (See cross-section in Attachment A).

Groundwater is present at a depth of approximately 8 to 10 (fbg) in the vicinity of the site, as measured during the most recent groundwater sampling event. The groundwater gradient at the site has been consistently to the south, since the site was first sampled in February 1994 (Figure 4). Water table fluctuations have ranged seasonally from approximately 6 to 12 fbg at the site (Table 2).

4.0 BACKGROUND

In 1984, Mobil discontinued fuel dispensing operations at the site. In 1987, three unleaded gasoline tanks of unknown size, and one waste oil tank of unknown size, and the associated fuel dispensers and piping were removed from the site. During removal activities an unknown quantity of soil was excavated from the tank cavity. These activities were conducted by the property owner.

In September 1987, Alameda County Environmental Health Department collected and analyzed soil samples from a Pacific Gas and Electric Company (PG&E) excavation in the sidewalk to the southeast of the site. Laboratory analysis detected 45,000 milligrams per kilogram (mg/kg), of total oil and grease (TOG). Six soil borings (SCB-1 through SCB-6) were drilled to depths ranging from 9.5 to 13.5 feet near the PG&E excavation, as shown in Figure 3. Tetrachloroethylene (PCE) at 6.6 mg/kg, trichloroethylene (TCE) at 15 mg/kg, and trans-1,2-dichloroethylene (1,2 DCE) at 8 mg/kg were detected in the sample collected at 5 feet below grade in Boring SCB-6 (Subsurface, 1987). In March 1988, The area around the PG&E excavation was subsequently overexcavated, as shown in Figure 2. The depth of the overexcavation and laboratory results of soil sampling were not documented in the Subsurface Consultants, Inc. report (Subsurface, 1988).

Also in March 1988, a soil boring was drilled to 24 fbg and converted into groundwater Monitoring Well MW-1A. Groundwater was encountered at 12 feet below grade. Up to 29,000 micrograms per liter (ug/l) dissolved-phase of TPH-G was detected in the water sample collected from the well.

In February 1994, Borings B-1 through B-4 were drilled to depths ranging from 11.5 to 25 fbg. Analysis of soil samples collected from the borings detected up to 4,100 mg/kg TPH-G and 650 mg/kg TPH as diesel (TPH-D). TOG was detected at concentrations of up to 160 mg/kg in the samples collected from B-1, B-3, and B-4. Borings B-2 and B-3 were converted into groundwater Monitoring Wells MW-2A and MW-3A. Groundwater samples were collected from the monitoring wells and up to 19,000 ug/l TPH-G, 10,000 TPH-D, and 70 ug/l benzene were detected in them. TOG was not detected above the reported detection limit in any of the monitoring wells during this monitoring event. (Alisto, 1994)

On June 1 and 2, 1995, Borings B-5 through B-9 and monitoring wells MW-4A through MW-6A were drilled and sampled to depths ranging from 15.5 to 26.5 fbg. Monitoring well MW-7A was drilled and installed on July 28, 1995. Petroleum hydrocarbons were detected in soil samples collected from Borings B-5 through B-7, B-9, MW-4A and MW-5A at concentrations of up to 130 mg/kg TPH-G. (Alisto, 1994)

Monitoring and sampling was conducted in all existing Mobil wells on a quarterly basis from February 1994 to September 1997, at which time the sampling frequency was reduced to a semi-annual sampling schedule. Dissolved-phase hydrocarbon concentrations have been decreasing steadily with time in

groundwater collected from monitoring wells MW-1A, MW-2A, and MW-3A. Monitoring Wells MW-4A through MW-7A are typically below laboratory detection limits.

5.0 HYDROCARBONS IN SOIL AND GROUNDWATER

Soil:

The initial discovery of petroleum hydrocarbons in 1987 lead to a series of subsequent soil and groundwater investigations. By September 1995, the lateral and vertical extent of the adsorbed hydrocarbons had been determined. Based on the data collected, hydrocarbon contamination in the unsaturated zone is minimal and limited to the immediate vicinity of borings B-1 and B-4, directly beneath the former dispenser islands (Figure 3). The highest level of petroleum hydrocarbons detected in the remaining soil was in sample B-4 (Table 1) at a depth of 6.5 fbg (4,100 ppm of TPH-G and non-detectable concentrations of benzene; February 1994 (Alisto 1995).

Groundwater:

No free-product has ever been detected in any of the wells

The lateral extent of dissolved-phase hydrocarbons in groundwater has been adequately defined by the monitoring results of the onsite and offsite wells.

The maximum benzene concentration detected in groundwater during the most recent sampling event, conducted August 12, 1998, was 41 ppb in Monitoring Well MW-1A (Figure 5).

The residual petroleum hydrocarbon contaminants remaining beneath the site appear to be highly weathered gasoline hydrocarbons. The weathered characteristics are evident by the relatively low concentrations of aromatic hydrocarbons (i.e., benzene, toluene, ethylbenzene, and xylenes) (Table 2). This weathered gasoline is less subject to fate processes such as volatilization, dissolution, and migration.

6.0 SENSITIVE RECEPTORS

The nearest surface water body is Estudillo Canal located approximately 0.6 miles south of the site (Figure 1). This canal is not named in the Regional Board's Basin Plan for this region.

The nearest significant body of surface water is San Lorenzo Creek, which is located approximately 1.5 miles south of the site. The existing and potential beneficial uses as indicated in the Regional Board's Basin Plan for San Lorenzo Creek are listed below:

EXISTING USES
Cold Freshwater Habitat (COLD)
Freshwater Replenishment (FRSH)
Groundwater Recharge (GWR)
Fish Migration (MIGR)
Municipal and Domestic Supply (MUN)
Water Contact Recreation (REC-1)
Non Contact Water Recreation (REC-2)
Fish Spawning (SPWN)
Warm Freshwater Habitat (WARM)
Wildlife Habitat (WILD)

The groundwater basin underlying the site is the East Bay Plain Basin. It has an aerial extent of 114 square miles and has an average depth below ground surface of 25 to 596 feet (CRWQCB,1995). The existing beneficial uses as stated in the Regional Board's Basin Plan for the East Bay Plain Aquifer are listed below:

EXISTING USES

Industrial Service Supply (IND)
Municipal and Domestic Supply (MUN)
Industrial Process Supply (PROC)
Agricultural Supply (AGR)

In April 1998 Alton Geoscience conducted a well survey with Alameda County Public Works (ACPW) to determine if any water use wells are located in the vicinity of the subject site. According to information available from ACPW, there is an irrigation well approximately 2,000 feet to the northwest, (upgradient of the site) and an irrigation well approximately 1,500 feet northeast, (also upgradient of the site). No other supply wells were found to exist within a 1/2 mile radius.

7.0 JUSTIFICATION FOR SITE CLOSURE

- Tanks, piping, and hydrocarbon affected soil have been excavated and removed from the site.
- The extent of remaining soil and groundwater hydrocarbon concentrations have been adequately characterized and demonstrated to be limited in extent.
- Shallow groundwater is not typically utilized as a drinking water, agricultural, or industrial supply in this region. Although the detected benzene concentrations are above the drinking water standard, only two irrigation wells exist within 1/2 mile, and both are greater than 1,000 feet upgradient of the site. Supply wells, properly constructed in deeper aquifers, are typically protected from petroleum hydrocarbon contamination that exists in shallower aquifers (LLNL, 1995).

- The site is mostly capped with asphalt and concrete which is limiting infiltration of precipitation and surface runoff water to the subsurface. Since no site use changes are planned, this feature should continue to inhibit dissolution and contribution of any remaining vadose hydrocarbons to the dissolved-phase plume.

- The residual petroleum hydrocarbons at this site are characterized as weathered. The weathered characteristics are evident by the relatively low concentrations of aromatic hydrocarbons (i.e., BTEX). The remaining gasoline components are less subject to fate processes such as volatilization, dissolution, and migration, and therefore, do not pose a significant risk to human health or the surrounding environment.

- MTBE is not a factor at this site. Gasoline dispensing activities were discontinued prior to the use of MTBE as a gasoline additive, and the results of the EPA method 8260 analyses indicate that the EPA method 8020 results represent "false positives".

- The dissolved hydrocarbon plume is not migrating. All of the monitoring wells with historically detectable hydrocarbon concentrations (MW-1A, MW-2A, MW-3A, and MW-5A) have shown a decreasing trend in dissolved phase hydrocarbon concentrations since sampling began in these wells in 1994, (Figure 6). This data suggests that the dissolved-phase plume is shrinking, due to natural attenuation.

In conclusion, the magnitude of hydrocarbon contamination at this site does not warrant any active soil or groundwater remediation, the current site conditions meet the qualifications for a "Low Risk Groundwater Case" as defined by the State and Regional Water Quality Control Boards (SWRCB, 1995 and CRWQCB,1996), and natural processes are expected to continue to reduce the residual hydrocarbons (LLNL 1995).

7.0 RECOMMENDATION

Based on the findings of this and previous investigations, and the site closure justification described above, it is Alton Geoscience's recommendation that this "Low Risk Groundwater Case" be closed with no further action being required other than the appropriate monitoring well destructions and report.

9.0 REFERENCES

Alisto Engineering (1994), Preliminary Site Investigation Report, 14994 East 14th Street, San Leandro, California. April, 1994.

Alisto Engineering (1995), Revised Additional Site Investigation Report, 14994 East 14th Street, San Leandro, California. October 5.

Alton Geoscience (1998), Quarterly Progress Report, First Quarter 1998, 14994 East 14th Street, San Leandro, California. April, 1998.

California Regional Water Quality Control Board, San Francisco Bay Region (CRWQCB), 1996, Supplemental Instructions to State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low Risk Fuel Sites, January 5.

State of California, State Water Resource Control Board (SWRCB), 1995, Letter to All Regional Water Board Chairpersons, All Regional Water Board Executive Officers and All LOP Agency Directors from Walt Pettit, Executive Director, December 8.

Subsurface Consultants Inc. (1987), Preliminary Geotechnical Services Re. Soil Contamination, 150th Avenue and East 14th street, San Leandro, California. October 26, 1987.

Subsurface Consultants Inc. (1988), Groundwater Monitoring Well Installation and Sample Analysis. 150th Avenue and East 14th Street, San Leandro, California. April 27, 1988.

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

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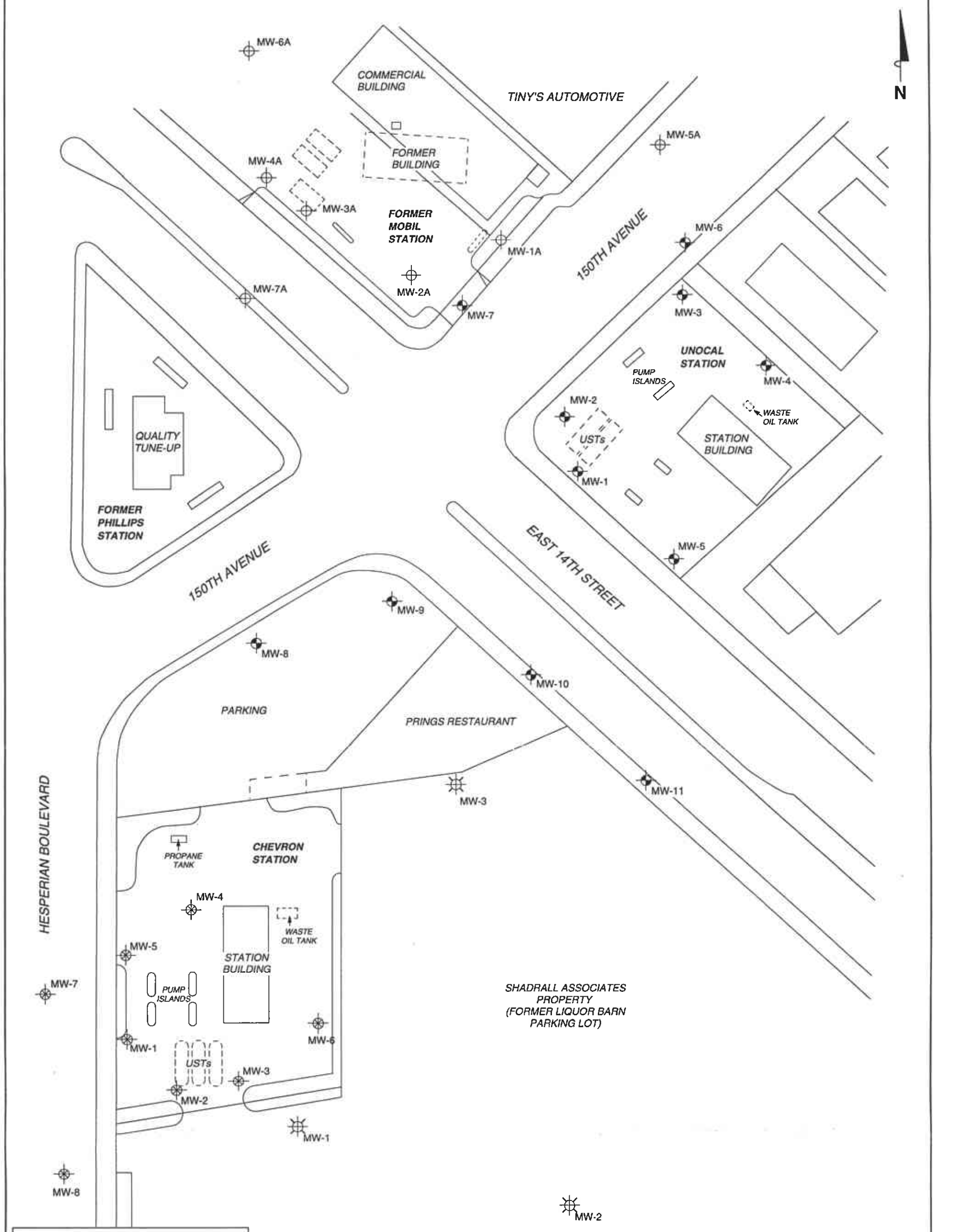
FIGURE 1

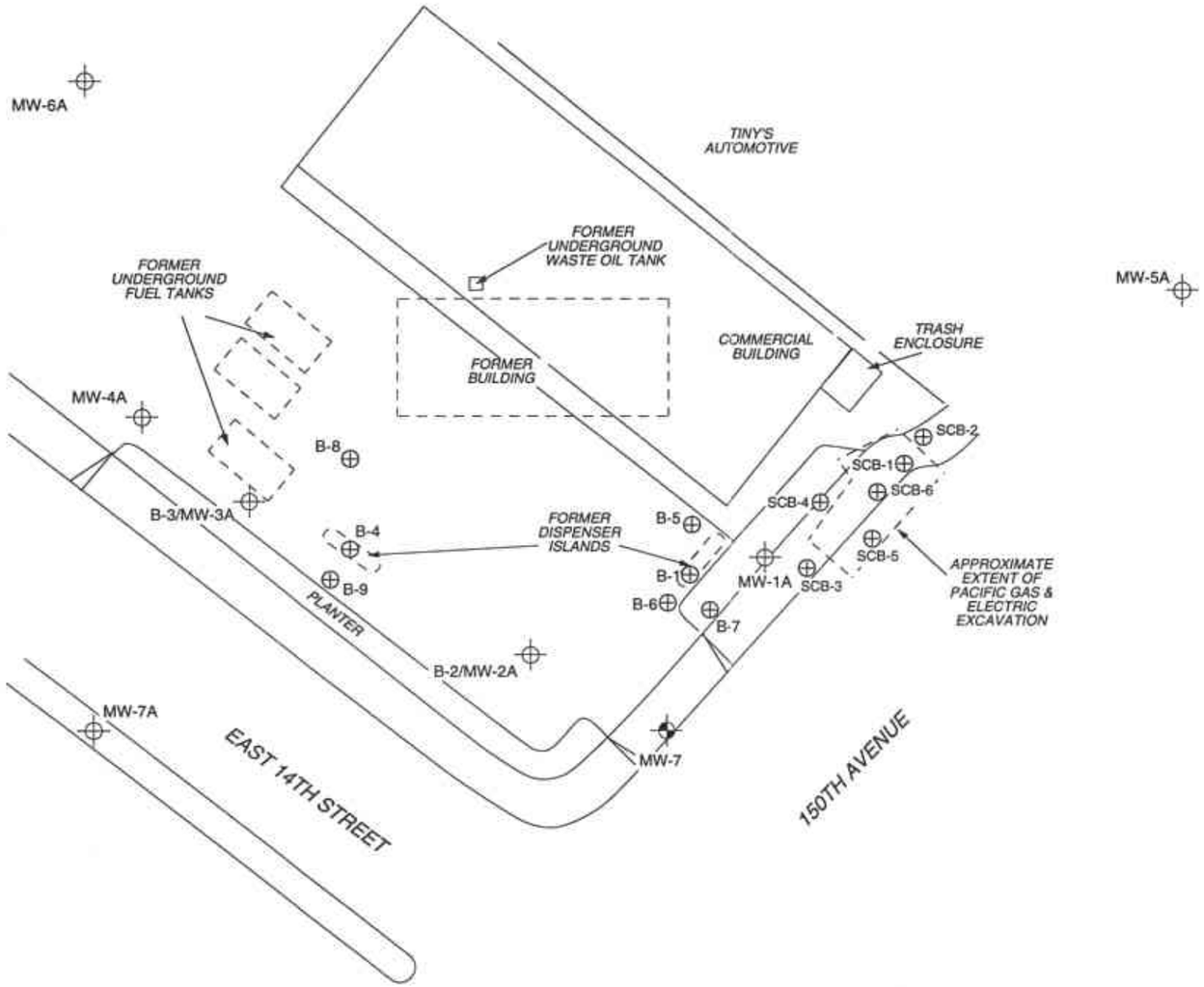


SITE PLAN

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

FIGURE 2

04-FGN/Site Plan 11x17 (p3)



LEGEND

MW-7A — Groundwater monitoring well (Mobil)

MW-7 — Groundwater monitoring well (Unocal)

B-4 — Soil boring

SCALE (feet)

0 15 30

SOURCE: Alisto Engineering Group

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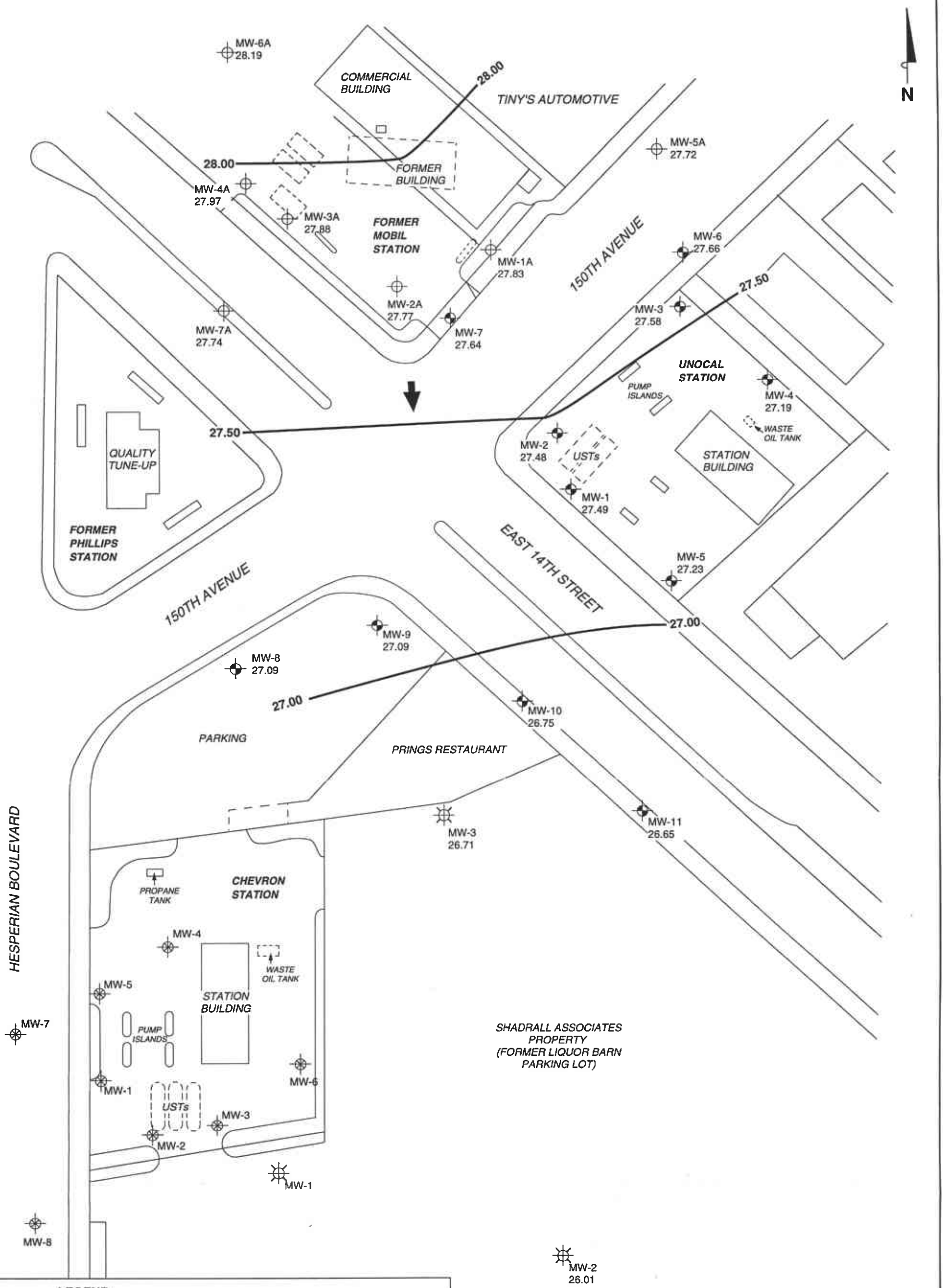
SITE DETAIL SHOWING EXCAVATION AND SOIL SAMPLE LOCATIONS

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

FIGURE 3

04-FGN/Site Detail



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)		

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SCALE (feet)
0 25 50

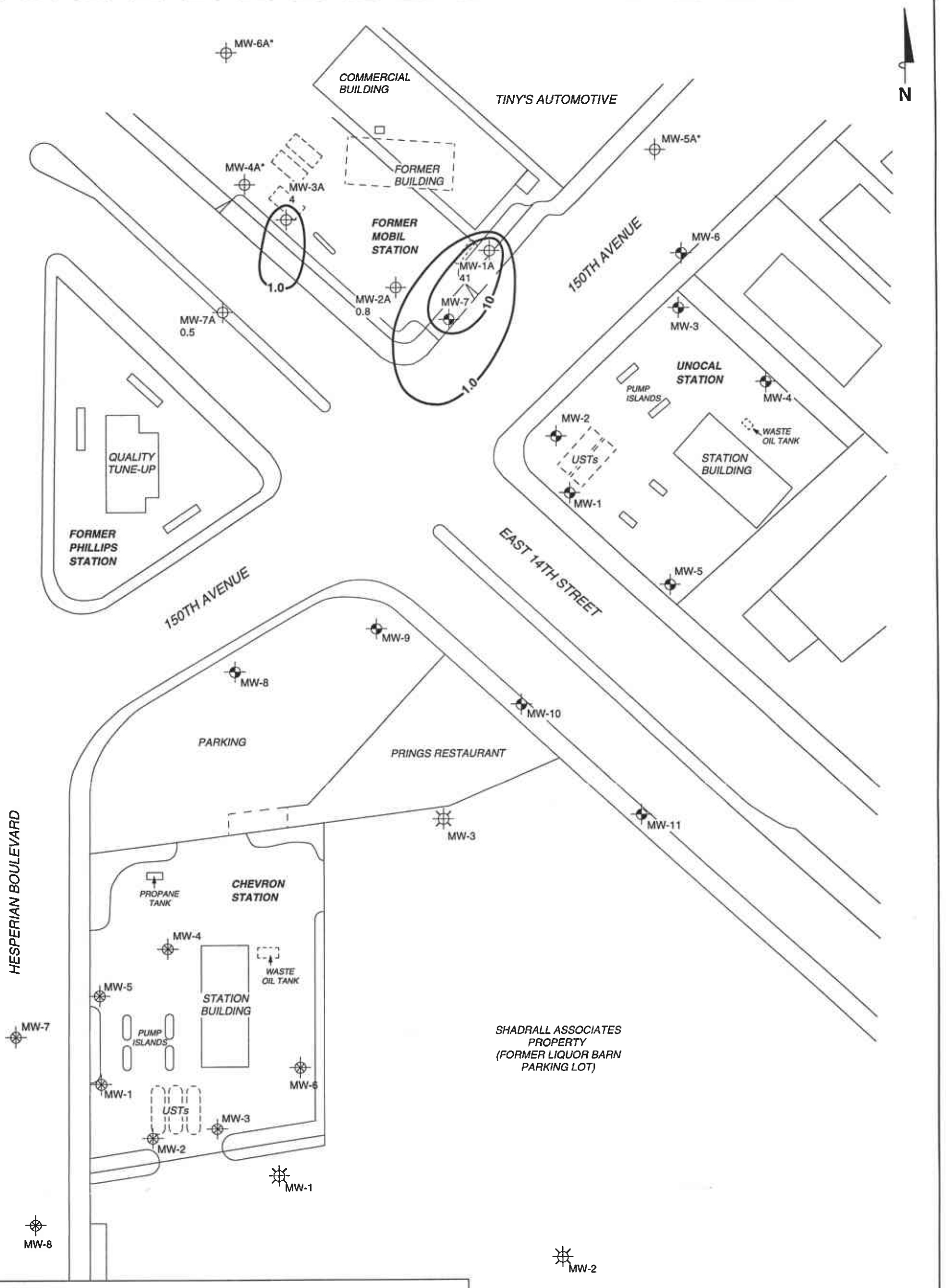
NOTES:
Contour lines are interpretive based on fluid-level measurements taken on August 12, 1998. Contour interval = 0.5 foot.

GROUNDWATER ELEVATION CONTOUR MAP
August 12, 1998

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

FIGURE 4

04-FGN/Site Plan 11x17 (p3)



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

DISSOLVED-PHASE BENZENE CONCENTRATIONS
August 12, 1998

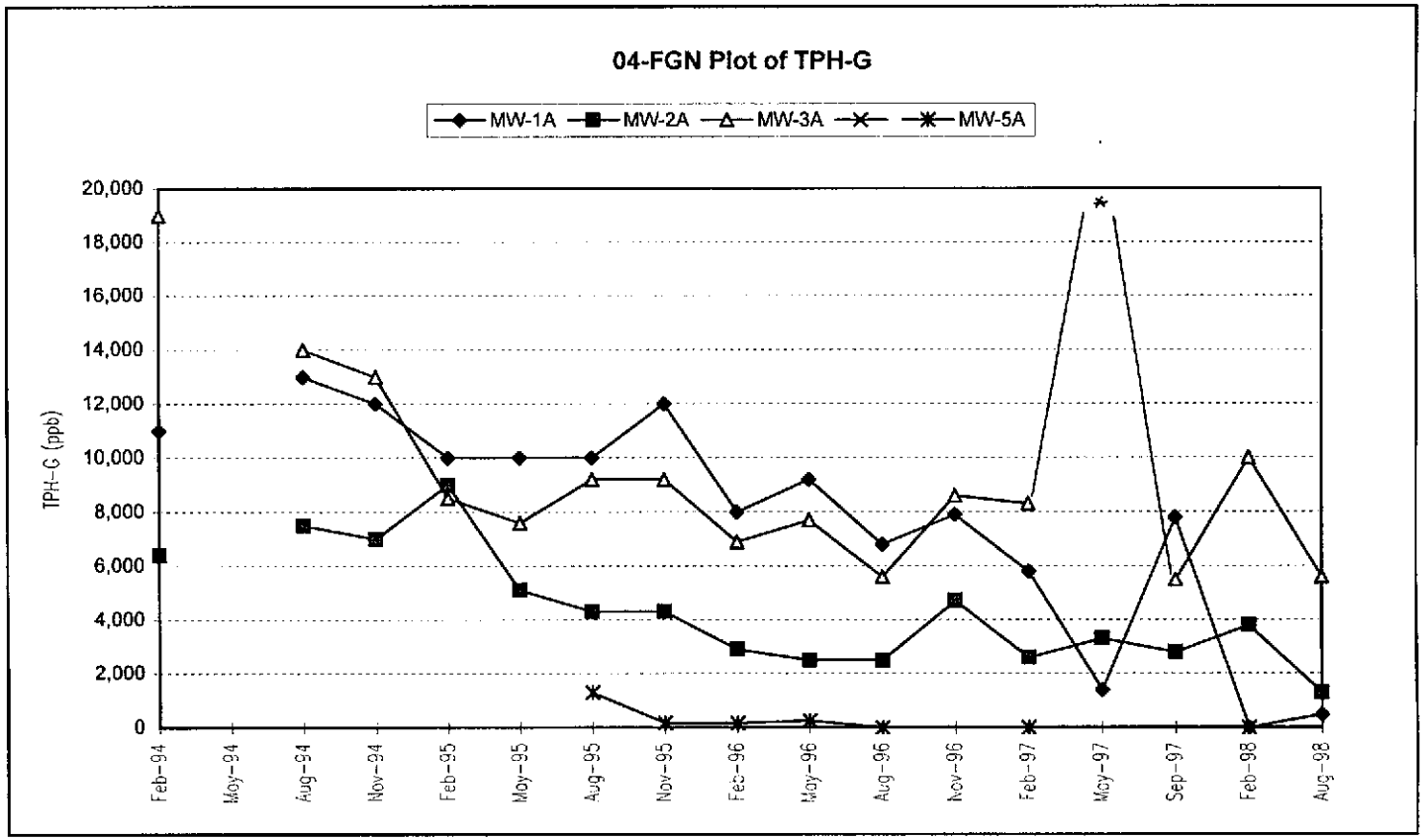
Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

FIGURE 5

04-FGN/Site Plan 11x17 (p3)

Mobil 04-FGN - San Leandro
Time Series Plot of TPH-G Concentrations from Quarterly Monitoring Events

Date	TPH-G (ppb) MW-1A	TPH-G (ppb) MW-2A	TPH-G (ppb) MW-3A	TPH-G (ppb) MW-5A
Feb-94	11,000	6,400	19,000	
May-94				
Aug-94	13,000	7,500	14,000	
Nov-94	12,000	7,000	13,000	
Feb-95	10,000	9,000	8,500	
May-95	10,000	5,100	7,600	
Aug-95	10,000	4,300	9,200	1,300
Nov-95	12,000	4,300	9,200	180
Feb-96	8,000	2,900	6,900	160
May-96	9,200	2,500	7,700	260
Aug-96	6,800	2,500	5,600	ND
Nov-96	7,900	4,700	8,600	
Feb-97	5,800	2,600	8,300	ND
May-97	1,400	3,300	37,000 *	
Sep-97	7,800	2,800	5,500	
Feb-98	ND	3,800	10,000	ND
Aug-98	500	1,300	5,600	



* The May 1997 laboratory result for MW-3A appears anomalous.

p:\projects\mobil\04-fgn\TPHG-TS.XLS

FIGURE 6

Table 1

Summary of Soil Sample Analysis*

Former Mobil Station 04-FGN

Boring ID	Date	Sample Depth (feet)	TPH-G (ppm)	TPH-D (ppm)	TOG (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	PCE (ppm)	TCE (ppm)	Trans-1, 2-DCE (ppm)
SCB-1	09/29/87	4.0	72	200	—	—	—	—	200	—	—	—
SCB-1	09/29/87	8.6	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-2	09/29/87	2.6	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-2	09/29/87	7.1	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-3	09/29/87	5.0	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-3	09/29/87	8.5	320	ND<50	—	—	—	—	ND<50	—	—	—
SCB-4	09/29/87	4.5	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-4	09/29/87	10.5	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-5	09/29/87	4.0	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-5	09/29/87	8.0	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-6	09/29/87	5.0	ND<10	ND<50	—	6.6	15.0	8.0	ND<50	6.6	15.0	8.0
SCB-6	09/29/87	9.1	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
B-1	02/10/94	6.5	1,500	160	160	ND<0.005	2.9	18	85	—	—	—
B-1	02/10/94	11.5	580	120	ND<30	1.2	1.1	5.5	18	—	—	—
B-2	02/10/94	7.5	1.4	1.6	ND<30	ND<0.005	0.0065	ND<0.005	ND<0.005	—	—	—
B-2	02/10/94	11.5	49	12	ND<30	0.094	ND<0.005	0.18	0.33	—	—	—
B-3	02/10/94	6.5	10	2.4	100	ND<0.005	0.028	0.027	0.049	—	—	—
B-3	02/10/94	11.5	190	31	ND<30	0.70	0.11	2.5	0.52	—	—	—
B-4	02/10/94	6.5	4,100	650	130	ND<0.005	15	57	390	—	—	—
B-4	02/10/94	11.5	460	62	ND<30	ND<0.005	1.0	4.7	23	—	—	—
B-5	06/01/95	6.5	2.5	ND<1.0	—	ND<0.0050	ND<0.0050	0.0076	0.17	—	—	—
B-5	06/01/95	11.5	8.6	2.1	—	0.025	0.025	0.020	0.11	—	—	—
B-6	06/01/95	6.5	3.3	4.3	—	ND<0.0050	ND<0.0050	0.068	0.16	—	—	—
B-6	06/01/95	11.5	44	2.7	—	0.053	0.078	1.4	5.3	—	—	—

Summary of Soil Sample Analysis*

Former Mobil Station 04-FGN

Boring ID	Date	Sample Depth (feet)	TPH-G (ppm)	TPH-D (ppm)	TOG (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	PCE (ppm)	TCE (ppm)	Trans-1, 2-DCE (ppm)
B-7	06/01/95	6.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
B-7	06/01/95	11.5	130	8.1	—	0.28	0.31	0.92	1.2	—	—	—
B-8	06/01/95	6.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
B-8	06/01/95	11.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
B-9	06/01/95	6.5	ND<1.0	1.4	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
B-9	06/01/95	11.5	2.5	1.7	—	ND<0.0050	0.0053	0.0059	0.0052	—	—	—
MW-4A	06/01/95	6.5	ND<1.0	2.2	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-4A	06/01/95	11.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-5A	06/01/95	6.5	ND<1.0	1.6	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-5A	06/01/95	11.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-6A	06/02/95	6.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-6A	06/02/95	11.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-7A	07/21/95	6.5	ND<1.0	—	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-7A	07/21/95	11.5	ND<1.0	—	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—

NOTES:

* = Source: Alisto Engineering Group; SCB borings drilled by Subsurface Consultants, Inc.

TPH-G = total petroleum hydrocarbons as gasoline

TPH-D = total petroleum hydrocarbons as diesel

TOG = total oil and grease

PCE = tetrachloroethylene

TCE = trichloroethylene

Trans-1,2-DCE = trans-1,2-dichloroethylene

ppm = parts per million

ND = not detected at or above method detection limit

— = not analyzed / not applicable

Table 2

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)
MOBIL Wells																	
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 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)
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 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)
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 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)
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	ND	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 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)
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 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)
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 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)
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 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)
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 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)
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)	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)
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	—	—	—	—	—	—	—	—	—	—	—	—	—
CHEVRON Wells																	
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 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)
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 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)
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 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)
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	—	—	—	—	0.2	<0.1	—
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 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)
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 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)
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 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)
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
TPH-D = total petroleum hydrocarbons as diesel
MTBE = methyl-tert butyl ether
TOG = total oil and grease
TRPO = total recoverable petroleum oil
EDC = 1,2-dichloroethane
EDB = ethylene dibromide

ppb = parts per billion
ppm = parts per million
mg/L = milligrams per liter
ND = not detected at or above method detection limit
— = not analyzed or not provided
* = unidentified hydrocarbons <C10
** = 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)

(c) Sequoia Analytical Laboratory reported that the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.

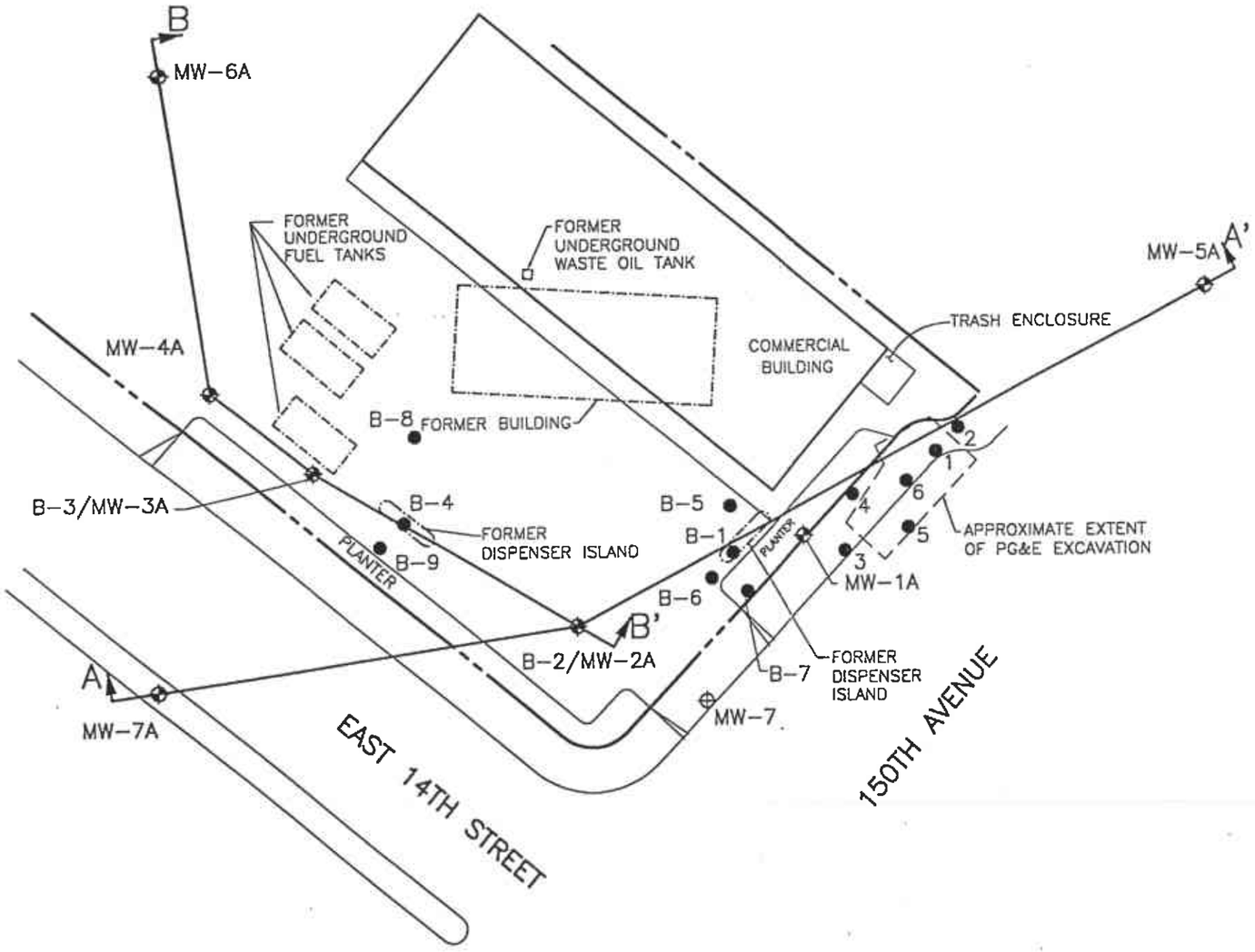
(d) Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be gasoline.

(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.



N

0 30 60

SCALE IN FEET

LEGEND

- GROUNDWATER MONITORING WELL
- UNOCAL GROUNDWATER MONITORING WELL
- SOIL BORING LOCATION
- A–A' LINE OF HYDROGEOLOGIC CROSS SECTION

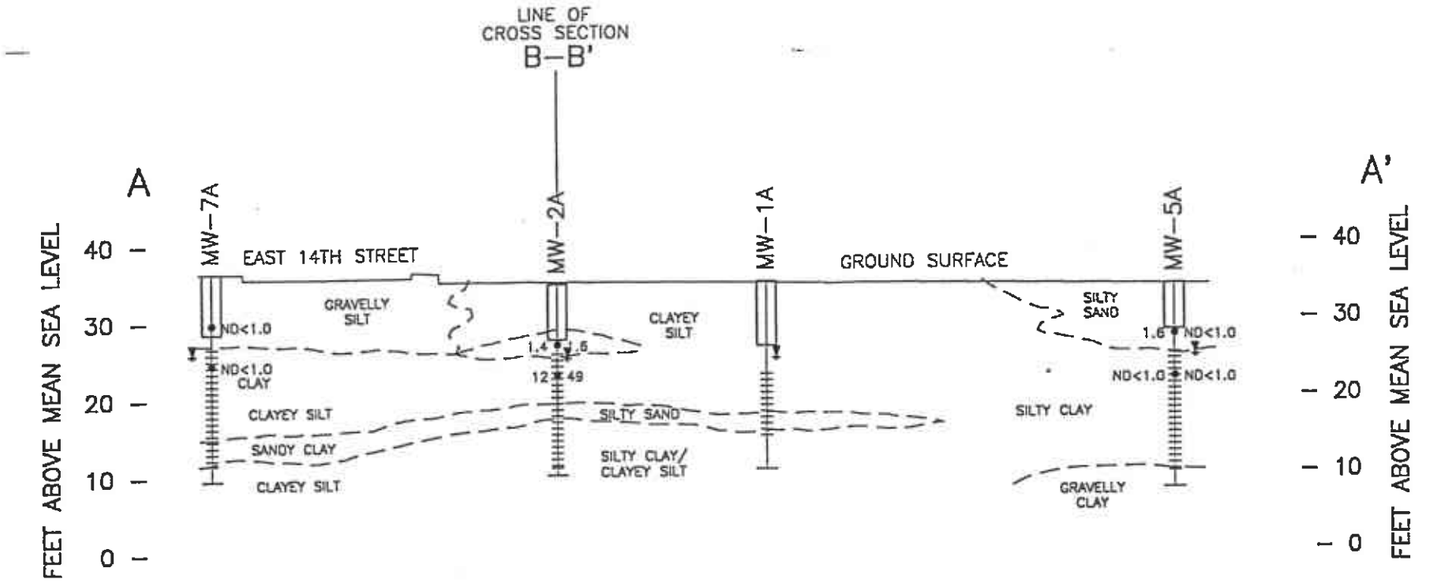
FIGURE 2

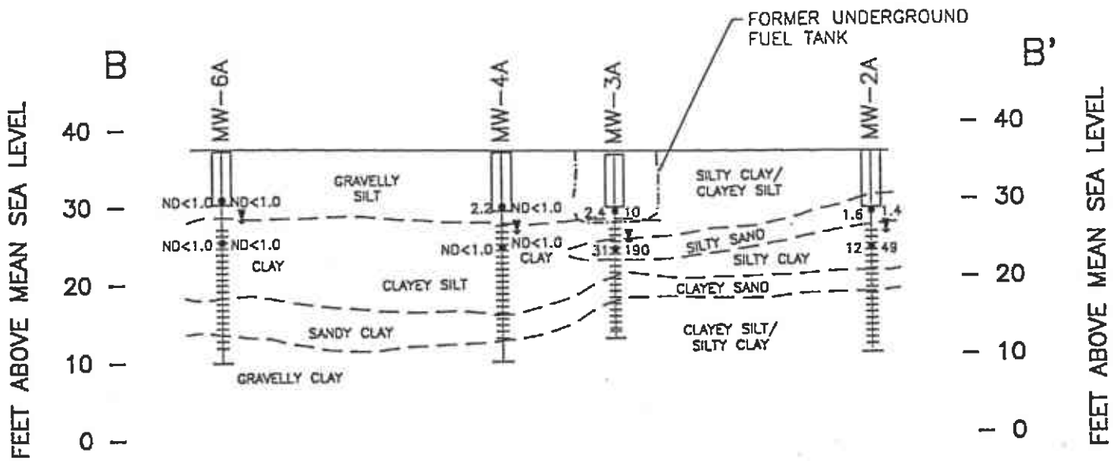
SITE PLAN

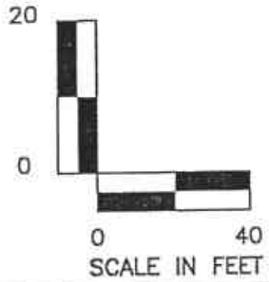
FORMER MOBIL OIL CORPORATION
STATION 04–FGN
14994 EAST 14TH STREET
SAN LEANDRO, CALIFORNIA

PROJECT NO. 10–190

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA







LEGEND

- GROUNDWATER MONITORING WELL SHOWING SEAL AND SCREENED INTERVAL
- GEOLOGIC CONTACT (APPROXIMATE)
- • 49 — SOIL SAMPLE AND TOTAL PETROLEUM HYDROCARBONS AS GASOLINE CONCENTRATION IN MILLIGRAMS PER KILOGRAM
- 12 • — SOIL SAMPLE AND TOTAL PETROLEUM HYDROCARBONS AS DIESEL CONCENTRATION IN MILLIGRAMS PER KILOGRAM
- ND — NOT DETECTED ABOVE REPORTED DETECTION LIMIT
- ▼ — GROUNDWATER ELEVATION AS MEASURED ON AUGUST 2, 1995

FIGURE 4

HYDROGEOLOGIC CROSS SECTIONS A–A' AND B–B'

FORMER MOBIL STATION NO. 04–FGN
14994 E. 14TH STREET
SAN LEANDRO, CALIFORNIA

PROJECT NO. 10–190

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA