QUARTERLY STATUS REPORT NO. 1
FORMER TEXACO SERVICE STATION
3940 CASTRO VALLEY BOULEVARD
CASTRO VALLEY, CALIFORNIA
APRIL 17, 1991

GROUNDWATER TECHNOLOGY, INC.
CONCORD, CALIFORNIA

GROUNDWATER TECHNOLOGY, INC.

4057 Port Chicago Highway, Concord, CA 94520 (415) 671-2387
FAX: (415) 685-9148

QUARTERLY STATUS REPORT NO. 1
FORMER TEXACO SERVICE STATION
3940 CASTRO VALLEY BOULEVARD
CASTRO VALLEY, CALIFORNIA
APRIL 17, 1991

Prepared for:

Mr. R. R. Zielinski
Texaco Environmental Services
108 Cutting Boulevard
Richmond, CA 91608

Prepared by:

GROUNDWATER TECHNOLOGY, INC.
4057 Port Chicago Highway
Concord, California 94520

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Brian Barrie
Project Manager

REGISTERED GEOLOGIST
ALLEN B. STORM
No 4394
Exp. 6-92
STATE OF CALIFORNIA

Allen B. Storm
Registered Geologist
No. 4394

R4080K2.GAM

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QUARTERLY STATUS REPORT NO. 1
FORMER TEXACO SERVICE STATION
3940 CASTRO VALLEY BOULEVARD
CASTRO VALLEY, CALIFORNIA
APRIL 17, 1991

INTRODUCTION

This report presents the results of environmental-monitoring performed at the former Texaco Service Station located at 3940 Castro Valley Boulevard, Castro Valley, California (Site) from January 1 through March 31, 1991. Groundwater monitoring was conducted on January 9 and 23, February 22, and March 20, 1991, to determine the water-table elevation and the thickness of any separate-phase petroleum hydrocarbons. Groundwater samples collected on January 9 and February 22, 1991, were analyzed for the presence of dissolved gasoline-hydrocarbon concentrations.

WORK PERFORMED

GROUNDWATER MONITORING

Groundwater monitoring was performed at the Site on January 9 and 23, February 22 and March 20, 1991. The depth-to-water and depth-to-separate-phase hydrocarbons were measured to the nearest 0.01-foot from the top of the well casing. The measurements were made using a probe capable of distinguishing between water and separate-phase petroleum hydrocarbons.

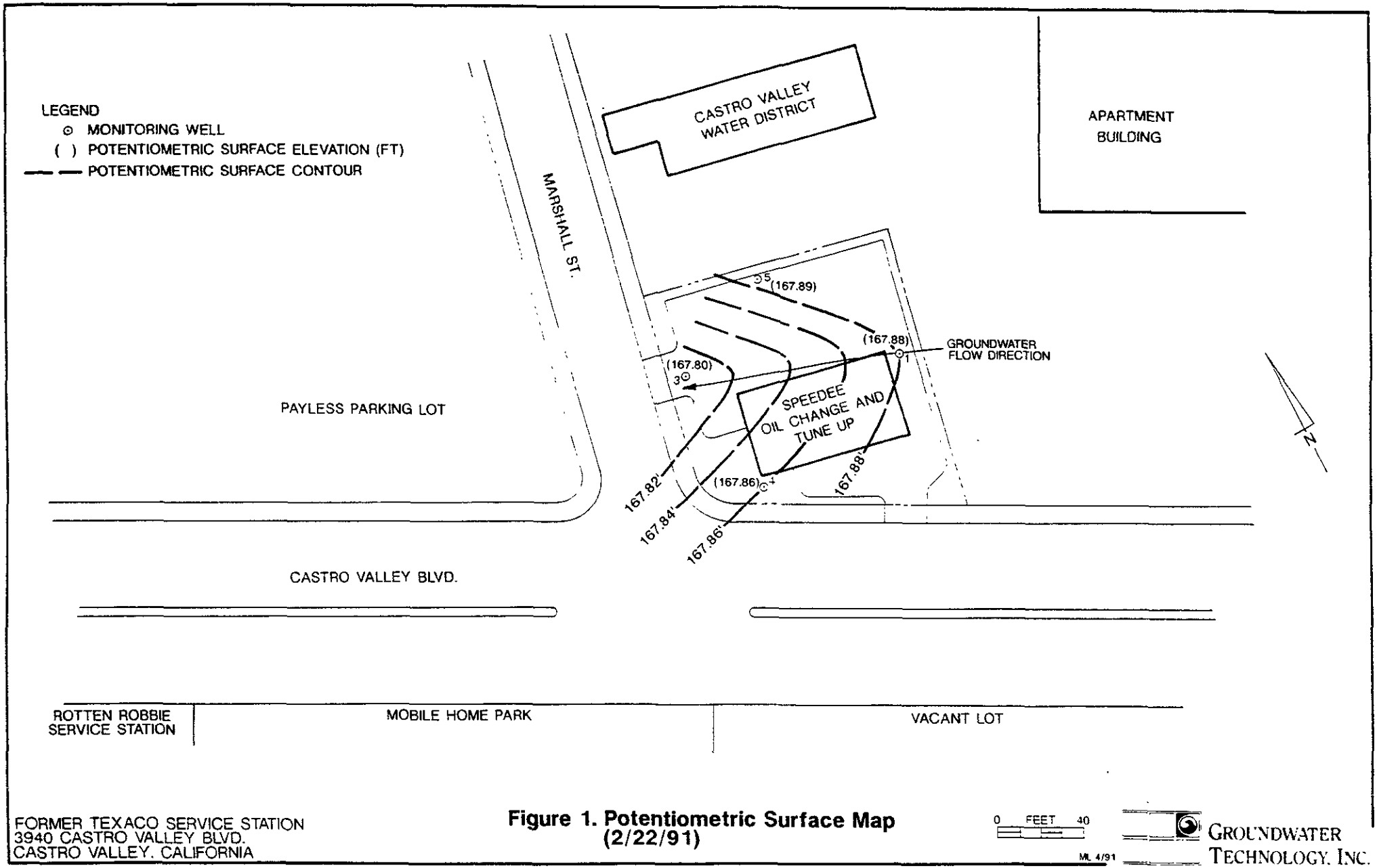
The depth-to-water on March 20, 1991, ranged from 21.96-feet below grade in monitoring well MW-3 to 23.95-feet below grade in monitoring well MW-1. No separate-phase hydrocarbons were detected in any of the wells during this reporting period. The average groundwater elevation at the Site increased from 167.94-feet to 168.52-feet above mean sea level between December 11, 1990, and March 20, 1991.

The groundwater-elevation data collected on February 22, 1991, were used to prepare a potentiometric surface map (Figure 1) and to determine the hydraulic gradient. Based on Figure 1, the hydraulic gradient was calculated to be approximately 0.01 foot/foot with a flow-direction to the west. The groundwater-monitoring data are presented in Appendix A.

GROUNDWATER SAMPLING AND ANALYTICAL RESULTS

Groundwater samples were collected at the site on January 9 and February 22, 1991. Prior to sampling, each monitoring well was purged, using an acrylic bailer, until pH, conductivity and temperature of the purge water had stabilized. The purge water was transferred into labeled 55-gallon drums to be stored on site until it could be disposed of at a proper facility. The purged wells were then allowed to recover to at least 80 percent of their initial water levels before sampling with a Teflon^{R} sampler. Rinsate blanks containing a sample of the distilled-water rinsate from the cleaned surface sampler were collected prior to the sampling of each monitoring well as part of the Quality Assurance/ Quality Control (QA/QC) Program. The groundwater samples were carefully decanted into acidified 40-milliliter glass vials with Teflon^{R} septum caps applied in such a way that no air was trapped inside. The vials were immediately labeled and placed on ice for delivery to a State of California-certified laboratory, accompanied at all times by a Chain-of-Custody Manifest. All groundwater samples, plus two randomly chosen rinsate blanks (RBMW-1 collected on January 9, 1991, and RBMW-3 collected on February 22, 1991), were analyzed for the presence of benzene, toluene, ethylbenzene and xylenes (BTEX) and for Total Petroleum Hydrocarbons-as-Gasoline (TPH-G) using U. S. Environmental Protection Agency (EPA) Methods 5030, 8020, and modified Method 8015.

Table 1 summarizes the analytical results for the groundwater samples collected on January 9 and February 22, 1991. Dissolved gasoline hydrocarbons were detected in the samples collected from monitoring wells MW-1 and MW-4 on January 9, 1991, and in the sample collected from monitoring well MW-4 on February 22, 1991. The highest concentration of TPH-G (120 parts per billion [ppb]) was detected in the sample collected from monitoring well MW-4. Concentrations of TPH-G and BTEX were at or below the Method Detection Limits (MDL) in the samples collected from monitoring wells MW-3 and MW-5. A historical review of TPH-G and BTEX concentrations detected to date in the groundwater samples collected from the site wells is presented in Appendix C.



FORMER TEXACO SERVICE STATION
3940 CASTRO VALLEY BLVD.
CASTRO VALLEY, CALIFORNIA

Figure 1. Potentiometric Surface Map (2/22/91)

0 FEET 40

ML 4/91

GROUNDWATER TECHNOLOGY, INC.

TABLE 1 - DISSOLVED GASOLINE
HYDROCARBON CONCENTRATIONS

January through February 1991

DATE	CONSTITUENTS	MW-1	MW-3	MW-4	MW-5
01/09/91	Benzene	0.7	<MDL	6	<MDL
	Toluene	<MDL	<MDL	<MDL	<MDL
	Ethylbenzene	<MDL	<MDL	3	<MDL
	Xylenes	<MDL	<MDL	<MDL	<MDL
	TPH-G	33	<MDL	120	<MDL
02/22/91	Benzene	<MDL	<MDL	1	<MDL
	Toluene	<MDL	<MDL	<MDL	<MDL
	Ethylbenzene	<MDL	<MDL	<MDL	<MDL
	Xylenes	<MDL	<MDL	<MDL	<MDL
	TPH-G	<MDL	<MDL	120	<MDL

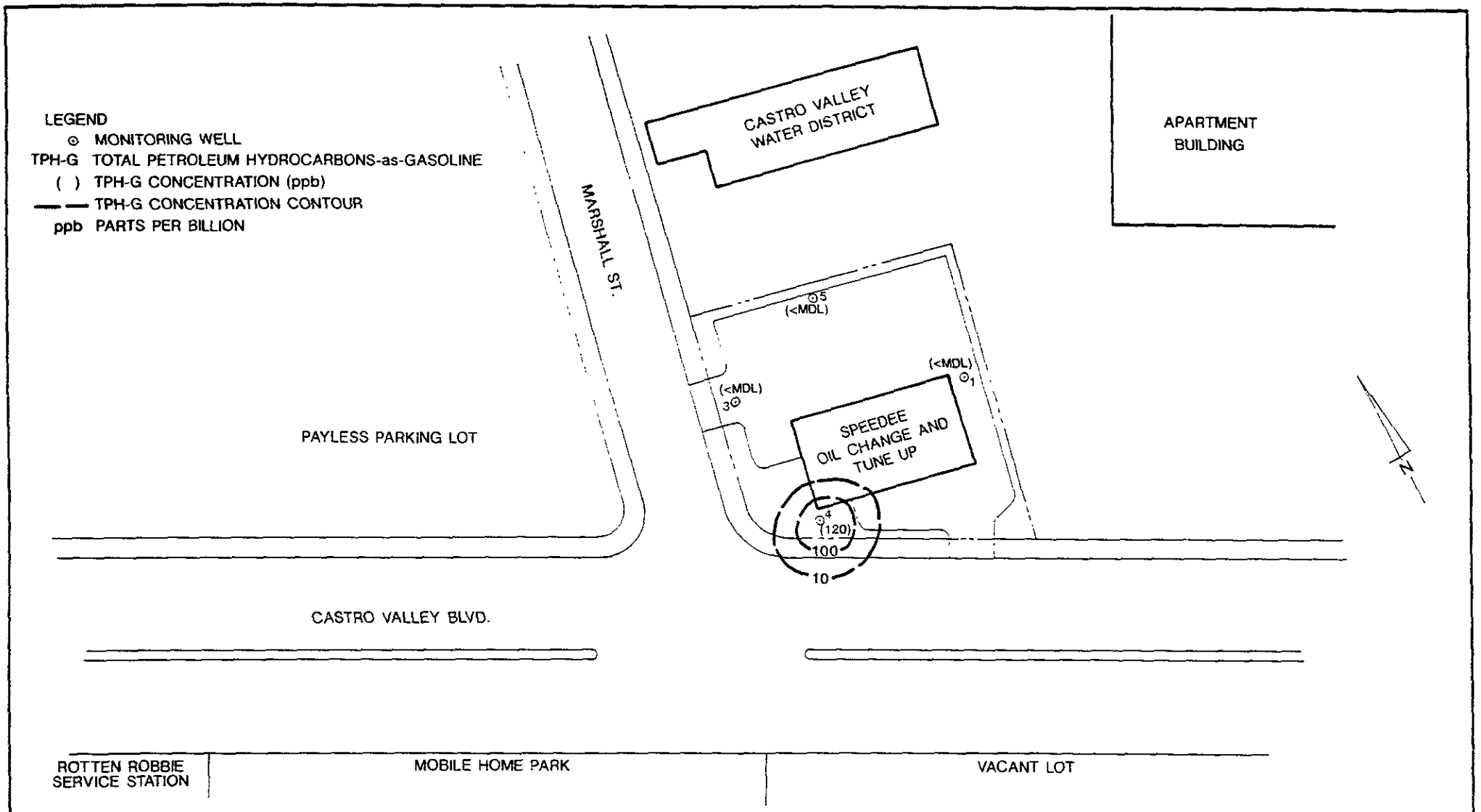
Concentrations shown in parts per billion
MW = Monitoring Well
MDL = Method Detection Limits
TPH-G = Total Petroleum Hydrocarbons-as-Gasoline

Figures 2 and 3 show the distribution of dissolved-TPH-G and dissolved-benzene concentrations detected in the groundwater samples collected on February 22, 1991. Based on Figures 2 and 3, the highest concentrations of dissolved-gasoline hydrocarbons are confined primarily to the vicinity of monitoring well MW-4.

SUMMARY

Between December 11, 1990, and March 20, 1991, average groundwater elevations increased 0.58-foot in monitoring wells MW-1, MW-3, MW-4 and MW-5. A Potentiometric Surface Map constructed using monitoring data collected on February 22, 1991, indicates a hydraulic gradient of approximately 0.01 foot/foot with a flow direction to the west.

The highest concentrations of benzene (6 ppb) and TPH-as-gasoline (120 ppb) were detected in the sample collected from MW-4 on January 9, 1991. Concentrations of BTEX and TPH-G were at or below the MDL in the samples collected from monitoring wells MW-3 and MW-5 in January and February 1991.



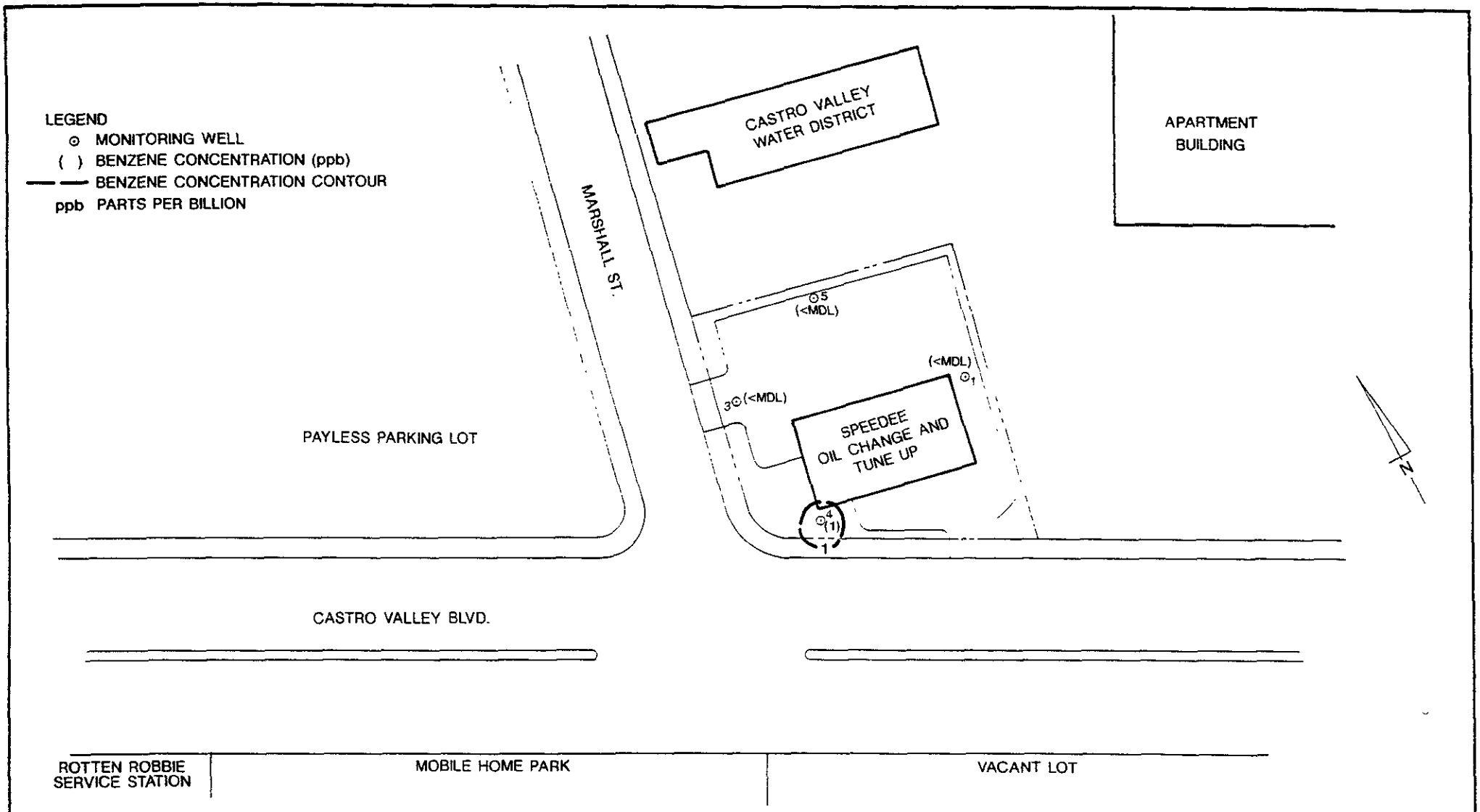
FORMER TEXACO SERVICE STATION
3940 CASTRO VALLEY BLVD.
CASTRO VALLEY, CALIFORNIA

Figure 2. Dissolved TPH-G Concentrations Map (2/22/91)

0 FEET 40

ML 4/91

GROUNDWATER TECHNOLOGY, INC.



FORMER TEXACO SERVICE STATION
3940 CASTRO VALLEY BLVD.
CASTRO VALLEY, CALIFORNIA

Figure 3. Dissolved Benzene Concentrations Map (2/22/91)

0 FEET 40

ML 4/91

GROUNDWATER TECHNOLOGY, INC.

APPENDIX A

GROUNDWATER MONITORING DATA

GROUNDWATER MONITORING DATA

DATE	ELEV.	MW-1 192.46	MW-2	MW-3 190.48	MW-4 191.63	MW-5 191.55	TEX-MW
11/19/87	DTW	-	-	-	-	-	20.90
	GWE	-	-	-	-	-	-
12/30/87	DTW	21.92	22.3	22.60	-	-	NM
	GWE	170.54	-	167.88	-	-	-
06/07/88	DTW	23.35	23.83	20.90	-	-	21.51
	GWE	169.11	-	169.58	-	-	-
12/13/88	DTW	23.17	23.69	20.92	-	-	NM
	GWE	169.29	-	169.56	-	-	-
08/29/89	DTW	23.70	WELL	21.48	-	-	WELL
	GWE	168.76	ABANDONED	169.00	-	-	ABANDONED
02/27/90	DTW	23.25	-	21.58	-	-	-
	GWE	169.21	-	168.90	-	-	-
04/12/90	DTW	23.65	-	21.70	22.84	22.74	-
	GWE	168.81	-	168.78	168.79	168.81	-
06/11/90	DTW	23.74	-	21.79	21.82	22.83	-
	GWE	168.72	-	168.69	169.81	168.72	-
07/18/90	DTW	23.90	-	21.96	23.09	23.01	-
	GWE	168.56	-	168.52	168.54	168.54	-
08/22/90	DTW	24.07	-	22.1	23.24	23.15	-
	GWE	168.39	-	168.38	168.39	168.40	-
09/27/90	DTW	24.21	-	22.24	23.38	23.29	-
	GWE	168.25	-	168.24	168.25	168.26	-

Data presented in feet.
MW = Monitoring Well
TEX-MW = Exsisting monitoring well
DTW = Depth to Water
GWE = Groundwater Elevation

GROUNDWATER MONITORING DATA
(continued)

DATE	ELEV.	MW-1 192.46	MW-3 190.48	MW-4 191.63	MW-5 191.55
10/10/90	DTW GWE	24.25 168.21	22.28 168.20	24.43 167.2	22.33 169.22
11/15/90	DTW GWE	24.45 168.01	22.50 167.98	23.64 167.99	23.54 168.01
12/11/90	DTW GWE	22.54 169.92	24.54 165.94	23.69 167.94	23.59 167.96
01/09/91	DTW GWE	24.68 167.78	22.71 167.77	23.84 167.79	23.75 167.8
01/23/91	DTW GWE	24.61 167.85	22.65 167.83	23.79 167.84	23.69 167.86
02/22/91	DTW GWE	24.58 167.88	22.68 167.80	23.77 167.86	23.66 167.89
03/20/91	DTW GWE	23.95 168.51	21.96 168.52	23.11 168.52	23.01 168.54

Data presented in feet.
MW = Monitoring Well
DTW = Depth to Water
GWE = Groundwater Elevation

APPENDIX B

GTEL
ENVIRONMENTAL
LABORATORIES, INC.
Northwest Region
4080 Pike Lane
Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

Client Number: 203-199-4080.
Project ID: 3940 Casto Valley Blvd.
Work Order Number: C1-01-133

January 11, 1991

Pete Fuller
Groundwater Technology, Inc.
4080-D Pike Lane
Concord, CA 94520

Enclosed please find the analytical results report prepared by GTEL for samples received on 01/09/91, under chain of custody number 72-12258.

GTEL is certified by the California State Department of Health Services to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

A formal quality control/quality assurance program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project was performed in strict adherence to our QA/QC program to ensure sample integrity and to meet quality control criteria.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Emma P. Popek
Laboratory Director

Table 1

ANALYTICAL RESULTS

Aromatic Volatile Organics and Total Petroleum Hydrocarbons as Gasoline in Water

EPA Methods 5030, 8020, and Modified 8015[a]

GTEL Sample Number		01	02	03	04
Client Identification		MW5	MW3	MW4	RBW1
Date Sampled		01/09/91	01/09/91	01/09/91	01/09/91
Date Analyzed		01/10/91	01/10/91	01/10/91	01/10/91
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.3	< 0.3	< 0.3	6	< 0.3
Toluene	0.3	< 0.3	< 0.3	< 0.3	< 0.3
Ethylbenzene	0.3	< 0.3	< 0.3	3	< 0.3
Xylene, total	0.6	< 0.6	< 0.6	< 0.6	< 0.6
BTEX, total	--	--	--	9	--
TPH as Gasoline	1	< 1	< 1	120	< 1
Detection Limit Multiplier		1	1	1	1

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Control Board LUFT Manual protocols, May 1988 revision.

Table 1 (Continued)

ANALYTICAL RESULTS

Aromatic Volatile Organics and Total Petroleum Hydrocarbons as Gasoline in Water

EPA Methods 5030, 8020, and Modified 8015[a]

GTEL Sample Number		05			
Client Identification		MW1			
Date Sampled		01/09/91			
Date Analyzed		01/10/91			
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.3	0.7			
Toluene	0.3	< 0.3			
Ethylbenzene	0.3	< 0.3			
Xylene, total	0.6	< 0.6			
BTEX, total	--	0.7			
TPH as Gasoline	1	33			
Detection Limit Multiplier		1			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Control Board LUFT Manual protocols, May 1988 revision.

GTEL ENVIRONMENTAL LABORATORIES INC

4080- Pike Lane
Concord, CA 94520
415-685-7852

800-544-3422 (In CA)
800-423-7143 (Outside CA)

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

72- 12258

C10 1133

JBOX

Project Manager: Pete Fuller

Phone #:

FAX #:

Address: GTI Concord 3940 Castro Valley Blvd

Site location:

Project Number: 2031994080

Project Name: GTI Concord ~~Castro Valley~~

I attest that the proper field sampling procedures were used during the collection of these samples.

Sampler Name (Print): Brennen Fraser

Field Sample ID	Source of Sample	GTEL Lab # (Lab use only)	# CONTAINERS	Matrix: WATER	SOIL	AIR	SLUDGE	OTHER	Method Preserved: HCl	HNO_3	H_2SO_4	ICE	NONE	OTHER	Sampling: DATE	TIME
TB			1	✓					✓			✓			1/9/91	0900
RBW5			1	✓					✓			✓				1331
MW5		01	2	✓					✓			✓				1331
RBW3			1	✓					✓			✓				1338
MW3		02	2	✓					✓			✓				1338
RBW4			1	✓					✓			✓				1349
MW4		03	2	✓					✓			✓				1349
RBW1		04	1	✓					✓			✓				1357
MW1		05	2	✓					✓			✓				1357

ANALYSIS REQUEST

BTEX 602 ☐ 8020 ☐ with MTBE ☐	BTEX/TPH Gas 602/8015 ☐ 8020/8015 ☐ MTBE ☐	TPH as ☐ Gas ☐ Diesel ☐ Jet Fuel	Product I.D. by GC (SIMDIS) ☐	Total Oil & Grease: 413.1 ☐ 413.2 ☐ 503A ☐	Total Petroleum Hydrocarbons: 418.1 ☐ 503E ☐	EPA 601 ☐ 8010 ☐ DCA only ☐	EPA 602 ☐ 8020 ☐	EPA 608 ☐ 8080 ☐ PCBs only ☐	EPA 610 ☐ 8310 ☐	EPA 624 ☐ 8240 ☐ NBS +15 ☐	EPA 625 ☐ 8270 ☐ NBS +25 ☐	EPTOX: Metals ☐ Pesticides ☐ Herbicides ☐	TCLP Metals ☐ VOA ☐ Semi VOA ☐	EPA Priority Pollutant Metals ☐ HSL ☐	LEAD 7420 ☐ 7421 ☐ 239.2 ☐ 6010 ☐ Org. Lead ☐	CAM Metals ☐ STLC ☐ TTLC	Corrosivity ☐ Flashpoint ☐ Reactivity ☐
																	✓ HOLD
																	X
	✓																X
																	X
	✓																X
	✓																X
	X																
	✓																

MS 1/11/91

SPECIAL HANDLING

24 HOURS ☐
EXPEDITED 48 Hours ☐
SEVEN DAY ☐
OTHER _____(#) BUSINESS DAYS
QA/QC CLP Level ☐ Blue Level ☐
FAX ☐

SPECIAL DETECTION LIMITS (Specify)
report detection limits not < PQL

SPECIAL REPORTING REQUIREMENTS (Specify)
yes

REMARKS: acidified, normal turnaround

Lab Use Only
Lot #:

Storage Location
Work Order #:

CUSTODY RECORD

Relinquished by Sampler:	Received by:	Relinquished by:	Received by:	Relinquished by:	Received by Laboratory:
Date 1/9/91	Time 1535	Date	Time	Date	Time

Way bill #

GTEL
ENVIRONMENTAL
LABORATORIES, INC.

Northwest Region
4080 Pike Lane
Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

Client Number: 203-199-4080.
Project ID: Castro Valley
Work Order Number: C1-02-479

February 28, 1991

Pete Fuller
Groundwater Technology, Inc.
4057 Port Chicago Hwy.
Concord, CA 94520

Enclosed please find the analytical results report prepared by GTEL for samples received on 02/22/91, under chain of custody number 72-16481.

GTEL is certified by the California State Department of Health Services to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

A formal quality control/quality assurance program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project was performed in strict adherence to our QA/QC program to ensure sample integrity and to meet quality control criteria.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Emma P. Popek

Emma P. Popek
Laboratory Director

Table 1

ANALYTICAL RESULTS

Aromatic Volatile Organics and Total Petroleum Hydrocarbons as Gasoline in Water

EPA Methods 5030, 8020, and Modified 8015[a]

GTEL Sample Number		01	02	03	04
Client Identification		MW 5	MW 1	RB-MW 3	MW 3
Date Sampled		02/22/91	02/22/91	02/22/91	02/22/91
Date Analyzed		02/26/91	02/26/91	02/26/91	02/26/91
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.3	<0.3	<0.3	<0.3	<0.3
Toluene	0.3	<0.3	<0.3	<0.3	<0.3
Ethylbenzene	0.3	<0.3	<0.3	<0.3	<0.3
Xylene, total	0.6	<0.6	<0.6	<0.6	<0.6
BTEX, total	--	--	--	--	--
TPH as Gasoline	10	<10	<10	<10	<10
Detection Limit Multiplier		1	1	1	1

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Control Board LUFT Manual protocols, May 1988 revision.

Table 1 (Continued)

ANALYTICAL RESULTS

Aromatic Volatile Organics and Total Petroleum Hydrocarbons as Gasoline in Water

EPA Methods 5030, 8020, and Modified 8015[a]

GTEL Sample Number		05			
Client Identification		MW 4			
Date Sampled		02/22/91			
Date Analyzed		02/26/91			
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.3	1			
Toluene	0.3	<0.3			
Ethylbenzene	0.3	<0.3			
Xylene, total	0.6	<0.6			
BTEX, total	--	1			
TPH as Gasoline	10	120			
Detection Limit Multiplier		1			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Control Board LUFT Manual protocols, May 1988 revision.

GTEL ENVIRONMENTAL LABORATORIES, INC

4080- Pike Lane
Concord, CA 94520
415-685-7852

800-544-3422 (In CA)
800-423-7143 (Outside CA)

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

72- 16481

CUSTODY RECORD

Project Manager: Pete Fuller

Phone #:

FAX #:

Address: G.T.I Concord

Site location: Castro Valley

Project Number: 203 199 4080

Project Name: GTI CONCORD

I attest that the proper field sampling procedures were used during the collection of these samples.

Sampler Name (Print): Mark N. Czipka

Field Sample ID	Source of Sample	GTEL Lab # (Lab use only)	# CONTAINERS	Matrix: WATER	SOIL	AIR	SLUDGE	OTHER	Method Preserved: HCl	HNO_3	H_2SO_4	ICE	NONE	OTHER	Sampling: DATE	TIME
TB			1	/											2/21	13:20
RB-MW5			1													13:22
MW 5		01	2												2/21	1325
RB-MW1			1												2/21	1330
MW 1		02	2													1332
RB-MW3		03	1													1335
MW 3		04	2													1340
RB-MW4			1													1343
MW 4		05	2	/					/	/		/			/	1345

BTEX 602 ☐ 8020 ☐ with MTBE ☐	BTEX/TPH Gas 602/8015 ☐ 8020/8015 ☐ MTBE ☐	TPH as ☐ Gas ☐ Diesel ☐ Jet Fuel	Product I.D. by GC (SIMDIS) ☐	Total Oil & Grease: 413.1 ☐ 413.2 ☐ 503A ☐	Total Petroleum Hydrocarbons: 418.1 ☐ 503E ☐	EPA 601 ☐ 8010 ☐ DCA only ☐	EPA 602 ☐ 8020 ☐	EPA 608 ☐ 8080 ☐ PCBs only ☐	EPA 610 ☐ 8310 ☐	EPA 624 ☐ 8240 ☐ NBS +15 ☐	EPA 625 ☐ 8270 ☐ NBS +25 ☐	EPTOX: Metals ☐ Pesticides ☐ Herbicides ☐	TCLP Metals ☐ VOA ☐ Semi VOA ☐	EPA Priority Pollutant Metals ☐ HSL ☐	LEAD 7420 ☐ 7421 ☐ 239.2 ☐ 6010 ☐ Org. Lead ☐	CAM Metals ☐ STLC ☐ TTLC	Corrosivity ☐ Flashpoint ☐ Reactivity ☐	
																	HOLD
																	X
	X																
																	X
	X																
	X																
	X																X
	X																

Received by: Date Time

Received by: Date Time

Received by Laboratory: Date 2/22 Time 3:00

Way bill #

Relinquished by Sampler: Date Time

Relinquished by: Date Time

Relinquished by: Date Time

SPECIAL HANDLING

24 HOURS ☐

EXPEDITED 48 Hours ☐

SEVEN DAY ☐

OTHER _____(#) BUSINESS DAYS

QA/QC CLP Level ☐ Blue Level ☐

FAX ☐

SPECIAL DETECTION LIMITS (Specify)

SPECIAL REPORTING REQUIREMENTS (Specify)

REMARKS:

Lab Use Only **Storage Location**

Lot #: **Work Order #:**

APPENDIX C

HISTORICAL REVIEW OF DISSOLVED GASOLINE HYDROCARBON CONCENTRATIONS

WELL I.D.	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TPH-G
MW-1	12/30/87	15	12	3	190	2100
	06/07/88	12	<PQL	<PQL	17	290
	12/13/88	3	<PQL	<PQL	<PQL	370
	08/29/89	6	<PQL	<PQL	<PQL	160
	03/07/90	<PQL	<PQL	<PQL	<PQL	<PQL
	04/16/90	Not Sampled				
	06/11/90	14	1	1	2	39
	08/22/90	0.3	<MDL	<MDL	<MDL	130
	09/12/90	7	<MDL	2	3	92
	10/10/90	2	<MDL	0.6	1.00	40
	11/15/90	0.8	<MDL	<MDL	<MDL	18
	12/11/90	<MDL	<MDL	<MDL	<MDL	<MDL
	01/09/91	0.7	<MDL	<MDL	<MDL	33
	02/22/91	<MDL	<MDL	<MDL	<MDL	<MDL
MW-2	12/30/87	220	16	3	150	2400
	06/07/88	220	<PQL	32	46	1200
	12/13/88	640	23	120	110	4000
	08/29/89	Well abandoned.				

Concentrations shown in parts per billion.
TPH-G = Total Petroleum Hydrocarbons-as-Gasoline
MW = Monitoring Well
PQL = Practical Quantitation Levels
MDL = Method Detection Limit

HISTORICAL REVIEW OF DISSOLVED GASOLINE HYDROCARBON CONCENTRATIONS (continued)

WELL I.D.	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TPH-G
MW-3	12/30/87	<MDL	<MDL	<MDL	<MDL	<MDL
	06/07/88	<PQL	<PQL	<PQL	<PQL	<PQL
	12/13/88	<PQL	<PQL	<PQL	<PQL	<PQL
	08/29/89	<PQL	<PQL	<PQL	<PQL	<PQL
	03/07/90	<PQL	<PQL	<PQL	<PQL	<PQL
	04/16/90	Not Sampled				
	06/11/90	<MDL	<MDL	<MDL	<MDL	<MDL
	08/22/90	<MDL	<MDL	<MDL	<MDL	<MDL
	09/12/90	<MDL	<MDL	<MDL	<MDL	<MDL
	10/10/90	<MDL	<MDL	<MDL	<MDL	<MDL
	11/15/90	<MDL	<MDL	<MDL	<MDL	<MDL
	12/11/90	<MDL	<MDL	<MDL	<MDL	<MDL
	01/09/91	<MDL	<MDL	<MDL	<MDL	<MDL
	02/22/91	<MDL	<MDL	<MDL	<MDL	<MDL
MW-4	04/16/90	97	1	11	120	1500
	06/11/90	18	<MDL	<MDL	0.7	110
	08/22/90	4	<MDL	<MDL	1	50
	09/12/90	6	<MDL	0.5	1	49
	10/10/90	4	<MDL	<MDL	<MDL	77
	11/15/90	2	<MDL	0.4	<MDL	49
	12/11/90	6	<MDL	1	<MDL	79
	01/09/91	6	<MDL	3	<MDL	120
	02/22/91	1	<MDL	<MDL	<MDL	120

Concentrations shown in parts per billion.
TPH-G = Total Petroleum Hydrocarbons-as-Gasoline
MW = Monitoring Well
PQL = Practical Quantitation Levels
MDL = Method Detection Limit

HISTORICAL REVIEW OF DISSOLVED GASOLINE HYDROCARBON CONCENTRATIONS (continued)

WELL I.D.	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TPH-G
MW-5	04/16/90	<MDL	<MDL	<MDL	<MDL	<MDL
	06/11/90	<MDL	<MDL	<MDL	<MDL	<MDL
	08/22/90	<MDL	<MDL	<MDL	<MDL	<MDL
	09/12/90	<MDL	<MDL	<MDL	<MDL	<MDL
	10/10/90	<MDL	<MDL	<MDL	<MDL	<MDL
	11/15/90	<MDL	<MDL	<MDL	<MDL	<MDL
	12/11/90	<MDL	<MDL	<MDL	<MDL	<MDL
	01/09/91	<MDL	<MDL	<MDL	<MDL	<MDL
	02/22/91	<MDL	<MDL	<MDL	<MDL	<MDL

Concentrations shown in parts per billion.
TPH-G = Total Petroleum Hydrocarbons-as-Gasoline
MW = Monitoring Well
MDL = Method Detection Limit