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A Member of The IT Group

January 30, 2001

Mr. Amir Gholami
Hazardous Materials Specialist
Alameda County, Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: Gasoline Impacts, STID 1082
Fourth Quarter 2000, Groundwater Monitoring and Sampling Report
Former Sears Auto Center No. 1058, 2600 Telegraph Avenue, Oakland, California
IT Corporation Project 803685

Dear Mr. Gholami:

On behalf of Sears, Roebuck and Co., IT Corporation presents the quarterly groundwater monitoring data collected from the above referenced site on November 7, 2000. The ~~ten groundwater monitoring~~ wells were gauged to determine depth to groundwater and to check for the presence of separate-phase petroleum hydrocarbons (SPPHs). ~~Measurable thickness of SPPHs was not detected~~ in any of the monitoring wells. A potentiometric surface map is provided in Figure 1 (Attachment 1). A summary of historical water table elevation data is provided in Table 1 (Attachment 2).

After measuring depth to water, the ten monitoring wells were purged and sampled. Field data sheets and groundwater monitoring and sample collection protocol are provided in Attachment 3. The groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) using Environmental Protection Agency (EPA) Method 8260 and GC/MS Combination; for total extractable petroleum hydrocarbons as motor oil (TPH-mo) using CG/MS Combination; and for methyl tert-butyl ether (MTBE) and dissolved benzene, toluene, ethylbenzene, and xylenes using EPA Method 8260 and CG/MS Combination.

~~Static groundwater levels~~ for the fourth quarter 2000 ranged from ~~13.47 to 16.60~~ feet above mean sea level (approximately 10.4 to 12.3 feet below top of casing). Groundwater elevations have increased by approximately 0.3 foot since third quarter 2000 (August 2, 2000). The apparent groundwater flow is to the south at an average hydraulic gradient of 0.02 foot per foot, which is consistent with previous quarterly data.

Benzene was not detected in the ~~groundwater samples~~. Low concentrations of MTBE were detected by EPA 8260 analysis in seven monitoring wells, with the highest concentration of 4.2 micrograms per liter ($\mu\text{g/L}$) reported in the upgradient well MW-5. Monitoring wells MW-1, MW-3, MW-9, and EW-1 contained dissolved TPH-g, and wells MW-3 and EW-1 contained dissolved TPH-mo. A summary of the groundwater analytical results is provided in Table 2. A distribution map of dissolved benzene, TPH-g, TPH-mo, and MTBE concentrations is provided in Figure 2.


Groundwater elevation and analyte concentration versus time data are illustrated in Graphs 1 through 10 (Attachment 4). Hydrocarbon concentrations below detection limits are not shown on the graphs. Laboratory reports and chain-of-custody documents are provided in Attachment 5.

Historical monitoring data indicate that 1) the thickness of SPPH in MW-3 has averaged less than 0.05 foot, and 2) the lateral extent of the product was limited to the vicinity of MW-3. Therefore, the volume of SPPH prior to the recent remediation effort at the site was estimated to be small, less than 5 gallons. In a more aggressive attempt to remove the remaining SPPH from the vicinity of MW-3, water and an unmeasured small volume of SPPH were purged from MW-3 for at least thirty minutes on four separate occasions during February 4, 2000 through February 23, 2000, using vacuum extraction techniques. Prior to purging, depth to groundwater was measured. After purging, depth to water and depth to product were measured. Prior to demobilization, a Soak-eze "sock" was placed in the well. After the last two vacuum extraction events, and during two subsequent quarterly monitoring and sampling events, no SPPH was found in monitoring well MW-3. A measurable thickness of SPPH (0.19 foot) in MW-3 was found during the third quarter of 2000 and appeared to coincide with seasonal decline of the groundwater level. Decrease of SPPH in MW-3 to below measurable thickness during the current quarter correlates with a 0.3-foot rise of groundwater level.

The IT *Interim Remedial Action Progress Report* stated that if no measurable thickness of SPPH was found in MW-3 in the two subsequent quarterly monitoring and sampling events, low-risk classification and closure/no further action status would be requested for the site. Although a measurable thickness of SPPH was not found in MW-3 during this current sampling event, a measurable thickness of SPPH was found in MW-3 during the third quarter sampling event. ~~Therefore, we will continue to monitor the site until no measurable thickness of SPPH is found in MW-3 for two subsequent quarterly monitoring and sampling events. At that time a low-risk classification and closure/no further action status would be requested.~~


If you have any comments or questions, please contact David Bero at (925) 288-2024.

Sincerely,
IT CORPORATION
Submitted by:

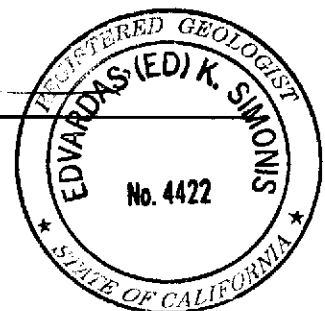


David A. Bero, P.G., R.G.
West Zone Project Manager

IT CORPORATION
Approved by:



Ed K. Simonis, R.G.
Senior Geologist



Attachments:

1. Figures
2. Tables
3. Groundwater Monitoring and Sample Collection Protocol and Field Data Sheets
4. Graphs
5. Laboratory Reports and Chain-of-Custody Documents

c: Scott M. DeMuth, Manager, Environmental Technical Services, Sears, Roebuck and Co.
Mr. Russ Zora, IT Corporation, Central Files
Project File

778737-A8

DRAWING NUMBER

APPROVED BY

CHECKED BY

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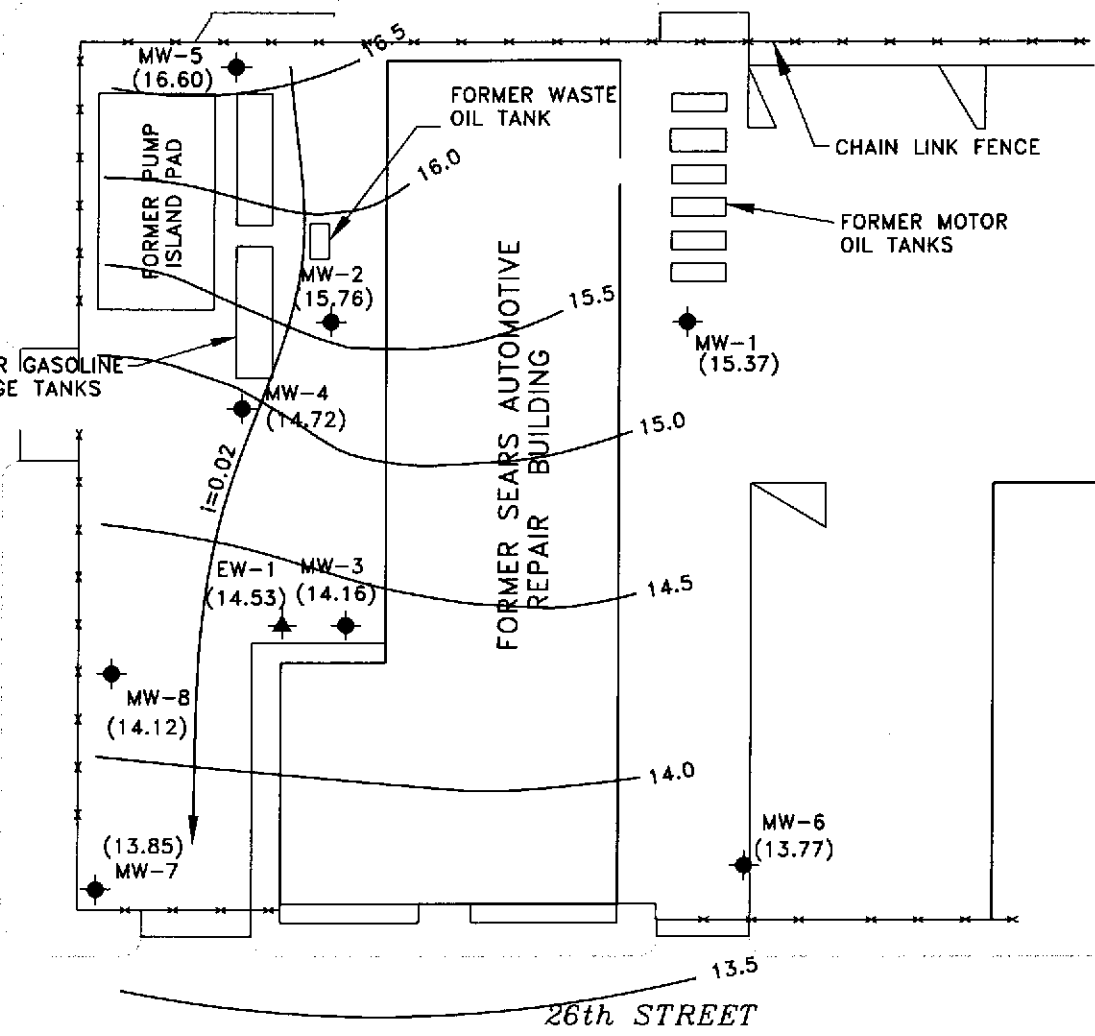
X-REF



27th STREET

TELEGRAPH AVENUE

26th STREET



LEGEND

- MONITORING WELL
- EXTRACTION WELL
- POTENTIOMETRIC SURFACE ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- POTENTIOMETRIC SURFACE CONTOUR; INTERVAL = 0.5 FOOT
- ESTIMATED GROUNDWATER FLOW DIRECTION AND HYDRAULIC GRADIENT



SEARS, ROEBUCK AND CO.
 SITE NO. 1058
 2600 TELEGRAPH AVE.,
 OAKLAND, CA

FIGURE 1

POTENTIOMETRIC SURFACE MAP (GAUGED 11/07/00)

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DATE 01/02/01

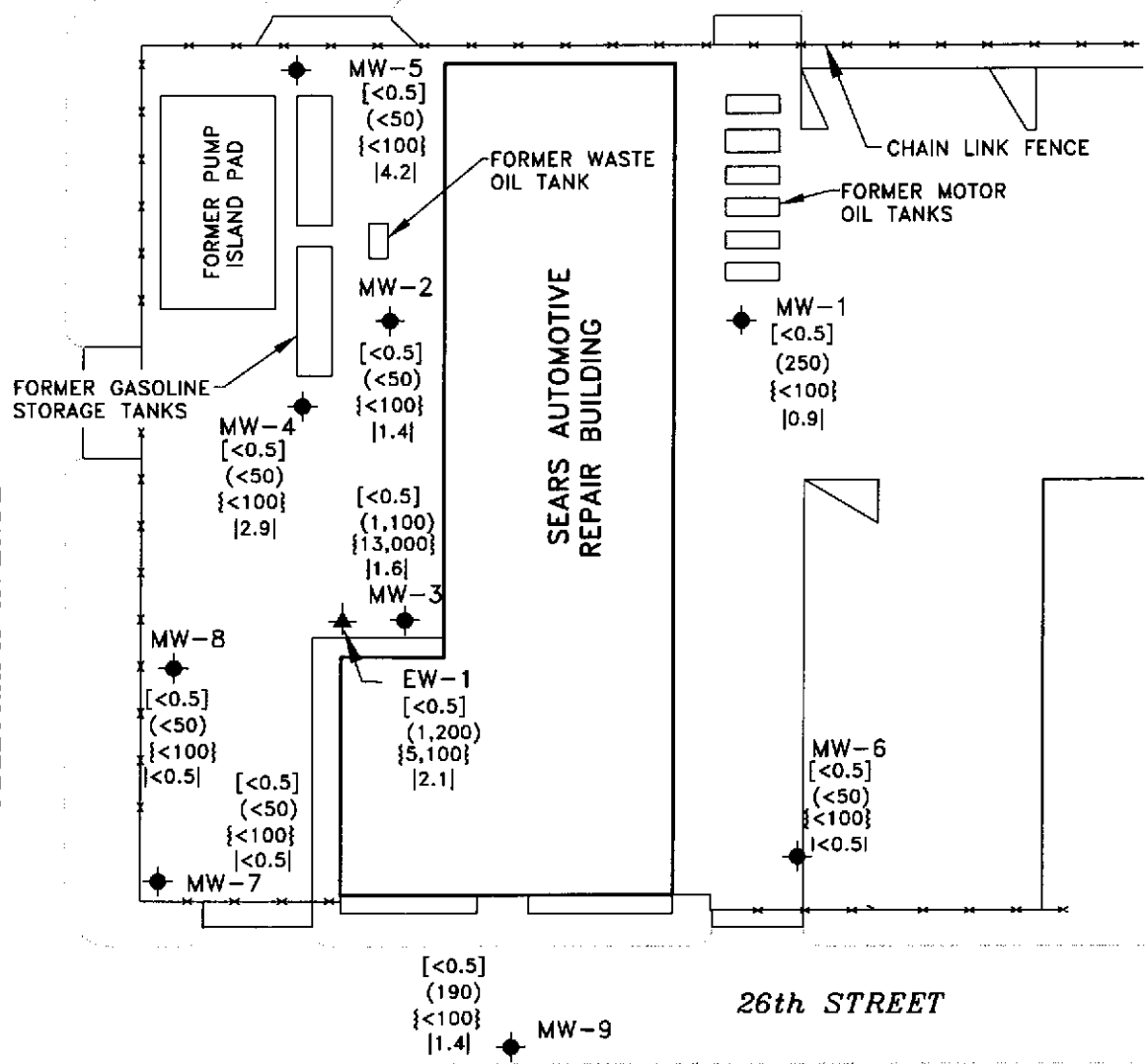
OFFICE Concord

X-REF



27th STREET

TELEGRAPH AVENUE



LEGEND

- ◆ MONITORING WELL
- ▲ EXTRACTION WELL
- [] BENZENE CONCENTRATIONS [$\mu\text{g/l}$]
- () TPH-AS-GASOLINE ($\mu\text{g/l}$)
- { } TPH-AS-MOTOR OIL [$\mu\text{g/l}$]
- | | METHYL TERT-BUTYL ETHER (MTBE) [$\mu\text{g/l}$]
- * DUPLICATE



SEARS, ROEBUCK AND CO.
SITE NO. 1058
2600 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

FIGURE 2
CONCENTRATIONS OF BENZENE,
TPH AS GASOLINE, TPH AS MOTOR OIL
AND MTBE IN GROUND WATER SAMPLED
11/07/00

TABLE 1
Summary of Historical Groundwater Monitoring Data
 (All measurements are in feet; all elevations are in feet above mean sea level)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation	
MW-1	26.20	12/30/1992	10.60	-	-	15.60	
		02/26/1993	10.14	-	-	16.06	
		03/24/1993	10.48	-	-	15.72	
		04/27/1993	11.30	-	-	14.90	
		05/28/1993	11.43	-	-	14.77	
		06/21/1993	11.71	-	-	14.49	
		07/22/1993	11.87	-	-	14.33	
		08/13/1993	11.94	-	-	14.26	
		09/16/1993	12.05	-	-	14.15	
		10/22/1993	12.00	-	-	14.20	
		11/03/1993	12.10	-	-	14.10	
		11/24/1993	11.97	-	-	14.23	
		12/01/1993	11.46	-	-	14.74	
		12/27/1993	11.58	-	-	14.62	
		01/05/1994	11.69	-	-	NM	
		02/08/1994	11.87	-	-	14.33	
		03/09/1994	11.08	-	-	15.12	
		04/01/1994	11.47	-	-	14.73	
		05/10/1994	10.77	-	-	15.43	
		06/30/1994	11.82	-	-	14.38	
		07/28/1994	11.90	-	-	14.30	
		08/31/1994	11.94	-	-	14.26	
		09/27/1994	12.04	-	-	14.16	
		10/28/1994	12.06	-	-	14.14	
		11/15/1994	10.02	-	-	16.18	
		12/01/1994	10.61	-	-	15.59	
		01/04/1995	9.93	-	-	16.27	
		02/01/1995	9.56	-	-	16.64	
		03/08/1995	10.51	-	-	15.69	
		04/03/1995	NM	-	NM	NA	NA
		05/18/1995	10.80	-	-	15.40	
		06/09/1995	11.18	-	-	15.02	
		07/13/1995	11.27	-	-	14.93	
		08/03/1995	11.48	-	-	14.72	
		08/29/1995	11.56	-	-	14.64	
		09/15/1995	11.71	-	-	14.49	
		10/20/1995	11.80	-	-	14.40	
		11/15/1995	11.61	-	-	14.59	
		01/15/1996	11.21	-	-	14.99	
		03/05/1996	9.35	-	-	16.85	
04/19/1996	10.60	-	-	15.60			
05/10/1996	11.18	-	-	15.02			
06/03/1996	10.90	-	-	15.30			
09/04/1996	11.31	-	-	14.89			
12/02/1996	10.61	-	-	15.59			
02/26/1997	10.31	-	-	15.89			
06/09/1997	11.25	-	-	14.95			
08/25/1997	11.15	-	-	15.05			
11/28/1997	10.07	-	-	16.13			
02/12/1998	8.70	-	-	17.50			

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 (All measurements are in feet; all elevations are in feet above mean sea level)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-1 (cont'd)		05/20/1998	10.89	--	--	15.31
		08/11/1998	11.60	--	--	14.60
		11/10/1998	11.10	--	--	15.10
		02/11/1999	9.40	--	--	16.80
		05/11/1999	11.05	--	--	15.15
		08/10/1999	11.66	--	--	14.54
		10/26/1999	12.90	--	--	13.30
		02/25/2000	9.80	--	--	16.40
		05/03/2000	10.90	--	--	15.30
		08/02/2000	11.40	--	--	14.80
11/07/2000	10.83	--	--	15.37		
MW-2	26.50	12/30/1992	10.65			15.85
		02/26/1993	10.56			15.94
		03/24/1993	10.52			15.98
		04/27/1993	11.17	--	--	15.33
		05/28/1993	11.12	--	--	15.38
		06/21/1993	11.41	--	--	15.09
		07/22/1993	11.50	--	--	15.00
		08/13/1993	11.54	--	--	14.96
		09/16/1993	11.62	--	--	14.88
		10/22/1993	11.57	--	--	14.93
		11/03/1993	11.65	--	--	14.85
		11/24/1993	11.52	--	--	14.98
		12/01/1993	11.08	--	--	15.42
		12/27/1993	11.27	--	--	15.23
		01/05/1994	11.39	--	--	15.11
		02/08/1994	11.49	--	--	15.01
		03/09/1994	11.06	--	--	15.44
		04/01/1994	11.25	--	--	15.25
		05/10/1994	10.83	--	--	15.67
		06/30/1994	11.44	--	--	15.06
		07/28/1994	11.48	--	--	15.02
		08/31/1994	11.56	--	--	14.94
		09/27/1994	11.61	--	--	14.89
		10/28/1994	11.65	--	--	14.85
		11/15/1994	9.65	--	--	16.85
		12/01/1994	10.71	--	--	15.79
		01/04/1995	10.11	--	--	16.39
		02/01/1995	10.38	--	--	16.12
		03/08/1995	10.80	--	--	15.70
		04/03/1995	10.61	--	--	15.89
		05/18/1995	10.95	--	--	15.55
		06/09/1995	11.13	--	--	15.37
		07/13/1995	11.15	--	--	15.35
08/03/1995	11.26	--	--	15.24		
08/29/1995	11.32	--	--	15.16		
09/15/1995	11.42	--	--	15.08		
10/20/1995	11.42	--	--	15.08		
11/15/1995	11.37	--	--	15.13		
01/15/1996	11.10	--	--	15.40		
03/05/1996	10.24	--	--	16.26		
04/19/1996	10.84	--	--	15.66		
05/10/1996	11.13	--	--	15.37		
06/03/1996	10.94	--	--	15.56		
09/04/1996	11.24	--	--	15.26		

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 (All measurements are in feet; all elevations are in feet above mean sea level)

Sears Store 1058
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Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-2 (cont'd)		12/02/1996	10.80	-	-	15.70
		02/26/1997	10.70	-	-	15.80
		06/09/1997	11.10	-	-	15.40
		08/25/1997	11.05	-	-	15.45
		11/28/1997	10.59	-	-	15.91
		02/12/1998	10.04	-	-	16.46
		05/20/1998	10.84	-	-	15.66
		08/11/1998	11.56	-	-	14.94
		11/10/1998	11.02	-	-	15.48
		02/11/1999	10.17	-	-	16.33
		05/11/1999	10.96	-	-	15.54
		08/10/1999	11.27	-	-	15.23
		10/26/1999	12.03	-	-	14.47
		02/25/2000	9.95	-	-	16.55
		05/03/2000	10.78	-	-	15.72
08/02/2000	11.02	-	-	15.48		
11/07/2000	10.74	-	-	15.76		
MW-3	26.34	12/30/1992	12.43	--	--	13.91
		02/26/1993	12.21	--	--	14.13
		03/24/1993	12.36	--	--	13.98
		04/27/1993	12.70	--	--	13.64
		05/28/1993	12.72	--	--	13.62
		06/21/1993	12.87	--	--	13.47
		07/22/1993	12.92	--	--	13.42
		08/13/1993	12.96	--	--	13.38
		09/16/1993	13.01	12.97	0.04	13.33
		10/22/1993	NM	12.96	NA	NA
		11/03/1993	13.13	13.02	0.11	13.21
		11/24/1993	12.94	12.92	0.02	13.40
		12/01/1993	12.71	12.69	0.02	13.63
		12/27/1993	12.77	12.73	0.04	13.57
		01/05/1994	12.85	12.83	0.02	13.49
		02/08/1994	12.37	--	--	13.97
		03/09/1994	12.53	--	--	13.81
		04/01/1994	12.64	--	--	13.70
		05/10/1994	12.32	--	--	14.02
		06/30/1994	12.84	12.82	0.02	13.50
		07/28/1994	12.93	12.89	0.04	13.41
		08/31/1994	13.04	13.01	0.03	13.30
		09/27/1994	13.13	13.02	0.11	13.21
		10/28/1994	13.30	13.08	0.22	13.04
		11/15/1994	11.05	11.02	0.03	15.29
		12/01/1994	11.90	11.88	0.02	14.44
		01/04/1995	11.80	11.76	0.01	14.54
		02/01/1995	12.00	11.98	0.02	14.34
		03/08/1995	12.35	12.30	0.05	13.99
		04/03/1995	12.09	12.05	0.04	14.25
05/18/1995	12.43	12.40	0.03	13.91		
06/09/1995	12.60	12.58	0.02	13.74		
07/13/1995	12.55	12.46	0.09	13.79		
08/03/1995	12.64	12.61	0.03	13.70		
08/29/1995	12.65	12.62	0.03	13.69		
09/15/1995	13.00	12.86	0.14	13.34		
10/20/1995	12.86	12.03	0.03	13.48		
11/15/1995	12.81	12.74	0.07	13.53		

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Summary of Historical Groundwater Monitoring Data
 (All measurements are in feet; all elevations are in feet above mean sea level)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-3 (cont'd)		01/15/1996	12.60	12.47	0.13	13.74
		03/05/1996	11.68	11.64	0.04	14.66
		04/19/1996	12.36	12.34	0.02	13.98
		05/10/1996	11.93	11.91	0.02	14.41
		06/03/1996	12.93	12.50	0.43	13.41
		09/04/1996	12.60	12.55	0.05	13.74
		12/02/1996	12.11	12.00	0.03	14.23
		02/26/1997	12.03	12.02	0.01	14.31
		06/09/1997	12.39	12.35	0.04	13.95
		08/25/1997	12.28	12.25	0.03	14.06
		11/28/1997	12.13	12.10	0.03	14.21
		02/12/1998	11.85	11.82	0.03	14.49
		05/20/1998	12.51	12.48	0.03	13.83
		08/11/1998	12.97	12.79	0.18	13.37
		11/10/1998	12.54	12.51	0.03	13.80
		02/11/1999	11.75	11.73	0.02	14.59
		05/11/1999	12.52	-	-	13.82
		08/10/1999	13.50	13.36	0.14	12.84
		10/26/1999	13.01	12.98	0.03	13.33
		02/25/2000	11.41	-	odor	14.93
05/03/2000	12.30	-	-	14.04		
08/02/2000	12.61	12.42	0.19	13.88		
11/07/2000	12.18	-	-	14.16		
MW-4	26.17	12/30/1992	11.53	-	Sheen	14.64
		02/26/1993	11.35	-	-	14.82
		03/24/1993	11.46	-	-	14.71
		04/27/1993	11.74	-	-	14.43
		05/28/1993	11.77	-	-	14.40
		06/21/1993	11.92	-	-	14.25
		07/22/1993	11.95	-	-	14.22
		08/13/1993	12.01	-	-	14.16
		09/16/1993	12.08	-	-	14.09
		10/22/1993	12.03	-	-	14.14
		11/03/1993	12.10	-	-	14.07
		11/24/1993	12.02	-	-	14.15
		12/01/1993	11.78	-	-	14.39
		12/27/1993	11.80	-	-	14.37
		01/05/1994	11.91	-	-	14.26
		02/08/1994	11.85	-	-	14.32
		03/09/1994	11.61	-	-	14.56
		04/01/1994	11.73	-	-	14.44
		05/10/1994	11.49	-	-	14.68
		06/30/1994	11.90	-	-	14.27
		07/28/1994	11.97	-	-	14.20
		08/31/1994	12.06	-	-	14.11
		09/27/1994	12.11	-	-	14.06
		10/28/1994	12.18	-	-	13.99
		11/15/1994	10.72	-	-	15.45
		12/01/1994	11.37	-	-	14.80
		01/04/1995	11.20	-	-	14.97
		02/01/1995	11.16	-	-	15.01
03/08/1995	11.49	-	-	14.68		
04/03/1995	11.35	-	-	14.82		
05/18/1995	11.56	-	-	14.61		
06/09/1995	11.72	-	-	14.45		

TABLE 1
Summary of Historical Groundwater Monitoring Data
 (All measurements are in feet; all elevations are in feet above mean sea level)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-4 (cont'd)		07/13/1995	11.72	-	-	14.45
		08/03/1995	11.81	-	-	14.36
		08/29/1995	11.88	-	-	14.29
		09/15/1995	11.99	-	-	14.18
		10/20/1995	12.00	-	-	14.17
		11/15/1995	11.96	-	-	14.21
		01/15/1996	11.71	-	-	14.46
		03/05/1996	11.02	-	-	15.15
		04/19/1996	11.51	-	-	14.66
		05/10/1996	11.74	-	-	14.43
		06/03/1996	11.60	-	-	14.57
		09/04/1996	11.85	-	-	14.32
		12/02/1996	11.45	-	-	14.72
		02/26/1997	11.42	-	-	14.75
		06/09/1997	11.70	-	-	14.47
		08/25/1997	11.63	-	-	14.54
		11/28/1997	11.27	-	-	14.90
		02/12/1998	11.00	-	-	15.17
		05/20/1998	11.62	-	-	14.55
		08/11/1998	11.90	-	-	14.27
		11/10/1998	11.65	-	-	14.52
		02/11/1999	10.87	-	-	15.30
		05/11/1999	11.66	-	-	14.51
		08/10/1999	11.95	-	-	14.22
10/26/1999	11.40	-	-	14.77		
02/25/2000	10.75	-	-	15.42		
05/03/2000	11.55	-	-	14.62		
08/02/2000	11.70	-	-	14.47		
11/07/2000	11.45	-	-	14.72		
MW-5	26.98	12/30/1992	10.50	-	-	16.48
		02/26/1993	10.12	-	-	16.86
		03/24/1993	10.31	-	-	16.67
		04/27/1993	10.75	-	-	16.23
		05/28/1993	10.80	-	-	16.18
		06/21/1993	10.94	-	-	16.04
		07/22/1993	11.01	-	-	15.97
		08/13/1993	11.07	-	-	15.91
		09/16/1993	11.18	-	-	15.80
		10/22/1993	11.19	-	-	15.79
		11/03/1993	11.23	-	-	15.75
		11/24/1993	12.00	-	-	14.98
		12/01/1993	10.84	-	-	16.14
		12/27/1993	10.81	-	-	16.17
		01/05/1994	10.96	-	-	16.02
		02/08/1994	10.94	-	-	16.04
		03/09/1994	10.54	-	-	16.44
		04/01/1994	10.77	-	-	16.21
		05/10/1994	10.44	-	-	16.54
		06/30/1994	10.88	-	-	16.10
07/28/1994	10.98	-	-	16.00		
08/31/1994	11.07	-	-	15.91		
09/27/1994	11.12	-	-	15.86		
10/28/1994	11.21	-	-	15.77		
11/15/1994	10.05	-	-	16.93		
12/01/1994	10.39	-	-	16.59		

TABLE 1
Summary of Historical Groundwater Monitoring Data
 (All measurements are in feet; all elevations are in feet above mean sea level)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-5 (cont'd)		01/04/1995	10.18	-	-	16.80
		02/01/1995	9.93	-	-	17.05
		03/08/1995	10.35	-	-	16.63
		04/03/1995	10.15	-	-	16.83
		05/18/1995	10.43	-	-	16.55
		06/09/1995	10.62	-	-	16.36
		07/13/1995	10.76	-	-	16.22
		08/03/1995	10.82	-	-	16.16
		08/29/1995	10.91	-	-	16.07
		09/15/1995	11.00	-	-	15.98
		10/20/1995	11.02	-	-	15.96
		11/15/1995	11.95	-	-	15.03
		01/15/1996	10.57	-	-	16.41
		03/05/1996	9.81	-	-	17.17
		04/19/1996	10.32	-	-	16.66
		05/10/1996	10.56	-	-	16.42
		06/03/1996	10.46	-	-	16.52
		09/04/1996	10.86	-	-	16.12
		12/02/1996	10.45	-	-	16.53
		02/26/1997	10.38	-	-	16.60
		06/09/1997	10.78	-	-	16.20
		08/25/1997	10.69	-	-	16.29
		11/28/1997	10.15	-	-	16.83
		02/12/1998	9.55	-	-	17.43
		05/20/1998	10.29	-	-	16.69
		08/11/1998	10.67	-	-	16.31
		11/10/1998	10.59	-	-	16.39
		02/11/1999	9.75	-	-	17.23
05/11/1999	10.38	-	-	16.60		
08/10/1999	10.77	-	-	16.21		
10/26/1999	10.95	-	-	16.03		
02/25/2000	9.50	-	-	17.48		
05/03/2000	10.40	-	-	16.58		
08/02/2000	10.70	-	-	16.28		
11/07/2000	10.38	-	-	16.60		
MW-6	24.32	12/27/1993	11.24	-	-	13.08
		01/05/1994	11.39	-	-	12.93
		02/08/1994	11.15	-	-	13.17
		03/09/1994	10.97	-	-	13.35
		04/01/1994	11.25	-	-	13.07
		05/10/1994	10.78	-	-	13.54
		06/30/1994	11.49	-	-	12.83
		07/28/1994	11.59	-	-	12.73
		08/31/1994	11.56	-	-	12.76
		09/27/1994	11.65	-	-	12.67
		10/28/1994	11.59	-	-	12.73
		11/15/1994	10.24	-	-	14.08
		12/01/1994	10.30	-	-	14.02
		01/04/1995	9.81	-	-	14.51
		02/01/1995	10.01	-	-	14.31
		03/08/1995	10.64	-	-	13.68
		04/03/1995	10.26	-	-	14.06
		05/18/1995	10.81	-	-	13.51
06/09/1995	11.07	-	-	13.25		
07/13/1995	10.91	-	-	13.41		

TABLE 1
Summary of Historical Groundwater Monitoring Data
 (All measurements are in feet; all elevations are in feet above mean sea level)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-6 (cont'd)		08/03/1995	11.15	-	-	13.17
		08/29/1995	11.09	-	-	13.23
		09/15/1995	11.35	-	-	12.97
		10/20/1995	11.32	-	-	13.00
		11/15/1995	11.20	-	-	13.12
		01/15/1996	10.83	-	-	13.49
		03/05/1996	9.60	-	-	14.72
		04/19/1996	10.71	-	-	13.61
		05/10/1996	11.05	-	-	13.27
		06/03/1996	10.91	-	-	13.41
		09/04/1996	10.84	-	-	13.48
		12/02/1996	10.46	-	-	13.86
		02/26/1997	10.46	-	-	13.86
		06/09/1997	10.90	-	-	13.42
		08/25/1997	10.84	-	-	13.48
		11/28/1997	10.07	-	-	14.25
		02/12/1998	9.39	-	-	14.93
		05/20/1998	10.85	-	-	13.47
		08/11/1998	11.21	-	-	13.11
		11/10/1998	10.82	-	-	13.50
		02/11/1999	9.39	-	-	14.93
		05/11/1999	10.84	-	-	13.48
		08/10/1999	11.28	-	-	13.04
10/26/1999	11.43	-	-	12.89		
02/25/2000	9.27	-	-	15.05		
05/03/2000	10.78	-	-	13.54		
08/02/2000	10.92	-	-	13.40		
11/07/2000	10.55	-	-	13.77		
MW-7	24.88	12/27/1993	11.80	-	-	13.08
		01/05/1994	11.53	-	-	13.35
		02/08/1994	11.90	-	-	12.98
		03/09/1994	11.23	-	-	13.65
		04/01/1994	11.34	-	-	13.54
		05/10/1994	11.02	-	-	13.86
		06/30/1994	11.49	-	-	13.39
		07/28/1994	11.58	-	-	13.30
		08/31/1994	11.69	-	-	13.19
		09/27/1994	11.73	-	-	13.15
		10/28/1994	11.77	-	-	13.11
		11/15/1994	10.29	-	-	14.59
		12/01/1994	10.89	-	-	13.99
		01/04/1995	10.77	-	-	14.11
		02/01/1995	10.70	-	-	14.18
		03/08/1995	11.05	-	-	13.83
		04/03/1995	10.88	-	-	14.00
		05/18/1995	11.12	-	-	13.76
		06/09/1995	11.25	-	-	13.63
		07/13/1995	11.15	-	-	13.73
		08/03/1995	11.32	-	-	13.56
		08/29/1995	11.53	-	-	13.35
		09/15/1995	11.65	-	-	13.23
10/20/1995	11.64	-	-	13.24		
11/15/1995	11.60	-	-	13.28		
01/15/1996	11.07	-	-	13.81		
03/05/1996	10.50	-	-	14.38		

TABLE 1
Summary of Historical Groundwater Monitoring Data
 (All measurements are in feet; all elevations are in feet above mean sea level)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-7 cont'd		04/19/1996	12.02	--	--	12.86
		05/10/1996	11.14	--	--	13.74
		06/03/1996	11.10	--	--	13.78
		09/04/1996	11.45	--	--	13.43
		12/02/1996	10.96	--	--	13.92
		02/26/1997	11.02	--	--	13.86
		06/09/1997	11.34	--	--	13.54
		08/25/1997	11.25	--	--	13.63
		11/28/1997	10.69	--	--	14.19
		02/12/1998	10.11	--	--	14.77
		05/20/1998	11.20	--	--	13.68
		08/11/1998	11.55	--	--	13.33
		11/10/1998	11.21	--	--	13.67
		02/11/1999	10.27	--	--	14.61
		05/11/1999	11.25	--	--	13.63
		08/10/1999	11.65	--	--	13.23
		10/26/1999	11.76	--	--	13.12
		02/25/2000	10.40	--	--	14.48
		05/03/2000	11.16	--	--	13.72
		08/02/2000	11.25	--	--	13.63
11/07/2000	11.03	--	--	13.85		
MW-8	26.12	12/27/1993	12.45	--	--	13.67
		01/05/1994	12.57	--	--	13.55
		02/08/1994	12.02	--	--	14.10
		03/09/1994	12.22	--	--	13.90
		04/01/1994	12.33	--	--	13.79
		05/10/1994	12.00	--	--	14.12
		06/30/1994	12.52	--	--	13.60
		07/28/1994	12.61	--	--	13.51
		08/31/1994	12.72	--	--	13.40
		09/27/1994	12.80	--	--	13.32
		10/28/1994	12.84	--	--	13.28
		11/15/1994	11.72	--	--	14.40
		12/01/1994	11.87	--	--	14.25
		01/04/1995	11.75	--	--	14.37
		02/01/1995	11.64	--	--	14.48
		03/08/1995	12.04	--	--	14.08
		04/03/1995	11.86	--	--	14.26
		05/18/1995	12.11	--	--	14.01
		06/09/1995	12.34	--	--	13.78
		07/13/1995	12.37	--	--	13.75
		08/03/1995	12.50	--	--	13.62
		08/29/1995	12.55	--	--	13.57
		09/15/1995	12.70	--	--	13.42
		10/20/1995	12.69	--	--	13.43
		11/15/1995	12.67	--	--	13.45
		12/11/1995	11.80	--	--	14.32
		01/15/1996	12.38	--	--	13.74
03/05/1996	11.44	--	--	14.68		
04/19/1996	10.80	--	--	15.32		
05/10/1996	12.40	--	--	13.72		
06/03/1996	12.26	--	--	13.86		
09/04/1996	12.51	--	--	13.61		
12/02/1996	11.99	--	--	14.13		
02/26/1997	11.98	--	--	14.14		

TABLE 1
Summary of Historical Groundwater Monitoring Data
 (All measurements are in feet; all elevations are in feet above mean sea level)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-8 cont'd		06/09/1997	12.36	--	--	13.76
		08/25/1997	12.25	--	--	13.87
		11/28/1997	11.70	--	--	14.42
		02/12/1998	11.34	--	--	14.78
		05/20/1998	12.21	--	--	13.91
		08/11/1998	12.60	--	--	13.52
		11/10/1998	12.26	--	--	13.86
		02/11/1999	11.00	--	--	15.12
		05/11/1999	12.29	--	--	13.83
		08/10/1999	12.72	--	--	13.40
		10/26/1999	12.85	--	--	13.27
		02/25/2000	11.20	--	--	14.92
		05/03/2000	12.15	--	--	13.97
		08/02/2000	12.30	--	--	13.82
		11/07/2000	12.00	--	--	14.12
MW-9	25.03*	12/02/1996	11.52	--	--	N/A
		02/26/1997	11.55	--	--	N/A
		06/09/1997	11.91	--	--	N/A
		08/25/1997	11.80	--	--	N/A
		11/28/1997	11.15	--	--	N/A
		02/12/1998	10.63	--	--	N/A
		05/20/1998	11.73	--	--	N/A
		08/11/1998	12.15	--	--	N/A
		11/10/1998	11.81	--	--	N/A
		02/11/1999	10.66	--	--	N/A
		05/11/1999	11.69	--	--	N/A
		08/10/1999	12.67	--	--	12.36
		10/26/1999	12.28	--	--	12.75
		02/25/2000	10.60	--	--	14.43
		05/03/2000	11.70	--	--	13.33
08/02/2000	11.88	--	--	13.15		
11/07/2000	11.56	--	--	13.47		
EW-1	26.80*	12/02/1996	12.17	--	--	N/A
		02/26/1997	12.13	--	--	N/A
		06/09/1997	12.46	--	--	N/A
		08/25/1997	12.35	--	--	N/A
		11/28/1997	12.12	--	--	N/A
		02/12/1998	11.83	--	--	N/A
		05/20/1998	12.51	--	--	N/A
		08/11/1998	12.85	--	--	N/A
		11/10/1998	12.55	--	--	N/A
		02/11/1999	11.66	--	--	N/A
		05/11/1999	12.56	--	--	N/A
		08/10/1999	12.91	--	--	13.89
		10/26/1999	13.00	--	--	13.80
		02/25/2000	11.41	--	--	15.39
		05/03/2000	12.36	--	--	14.44
08/02/2000	12.51	--	--	14.29		
11/07/2000	12.27	--	--	14.53		

Notes:

- = No datum for the cell, including "product not detected"
- NM = Not Monitored
- N/A = Not Available
- * = Survey of casing elevations for wells MW-9 and EW-1 conducted July 6, 1999

TABLE 2
Summary of Historical Groundwater Sample Analyses
 (All results expressed in micrograms per liter unless otherwise specified)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-1	12/30/92	1	1	2	2	-	-	1	-	-
	03/24/93	0.4	1	0.32	10	-	-	1	-	-
	06/21/93	<0.3	1	<0.3	6	-	**<100	-	-	-
	09/16/93	<0.3	0.7	2	7	-	**<100	-	-	-
	12/01/93	0.4	1	-	7	-	-	-	-	-
	12/30/93	--	--	1	-	-	<100	-	-	-
	03/09/94	<0.3	<0.3	2.4	4.2	-	<100	-	-	-
	06/30/94	0.6	0.7	1.4	15	-	<100	-	-	-
	09/27/94	0.9	0.5	<0.3	10	-	^e <250	-	-	-
	12/01/94	0.4	0.4	<0.3	6.6	-	^e <250	-	-	-
	03/08/95	<0.3	0.6	4.7	2.7	-	^e <250	-	-	-
	06/09/95	<0.3	1.4	3.9	5.6	-	^e <250	-	-	-
	08/29/95	0.3	0.9	<0.5	2.8	-	^e <250	-	-	-
	11/15/95	<0.5	<0.5	<1.0	27	-	^e <200	-	-	-
	03/05/96	<0.5	<1.0	<1.0	<2.0	-	^e <200	-	-	-
	06/03/96	<0.5	<1.0	3.7	3.4	340	^e <200	-	-	-
	09/04/96	<0.5	<1.0	<1.0	<2.0	390	310	-	-	-
	12/02/96	<0.5	<1.0	<1.0	2.7	400	^e <200	-	-	-
	02/26/97	<0.5	<1.0	<1.0	4.5	390	^e <200	-	-	-
	06/09/97	<0.5	<1.0	<0.5	2.3	340	<200	-	-	<10
	08/25/97	<0.5	<0.5	<0.5	3	220	<200	-	-	<5
	11/28/97	<0.5	<0.5	<0.5	3	340	<200	-	-	6
	02/12/98	<0.5	<0.5	<0.5	<2.0	280	<200	-	-	<5
	05/20/98	<0.5	<0.5	0.8	3	340	<200	-	-	<5
	08/11/98	<0.5	<0.5	<0.5	<0.5	230	<500	-	-	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	150	<250	-	-	<2.5
	02/11/99	<0.50	<0.50	1	1.6	260	<500	-	-	8.7
	05/11/99	<0.5	0.54	<0.5	4.7	160	<250	-	-	<2.5
	08/10/99	<0.5	0.79	<0.5	2.8	230	<250	-	-	<2.0
	10/26/99	<0.5	<0.5	0.64	1.2	95	<250	-	-	<2.5
02/25/00	<0.5	<0.5	<0.5	<0.5	330	310	-	-	1.6	
05/03/00	<0.5	<0.5	<0.5	<0.5	220	<100	-	-	1.5	
08/02/00	<0.5	<0.5	<0.5	<0.5	170	<100	-	-	1.1	
11/07/00	<0.5	<0.5	<0.5	<0.5	250	<100	-	-	0.9	
MW-2	12/30/92	0.7	<0.3	<0.3	3	190	--	1	^a ND	--
	03/24/93	0.6	<0.3	<0.3	2	120	--	<1	^a ND	--
	06/21/93	0.3	<0.3	<0.3	0.7	82	**<100	-	^c ND	--
	09/16/93	<0.3	<0.3	<0.3	<0.5	28	**<100	-	^c ND	--
	12/01/93	<0.3	<0.3	<0.3	1	68	--	-	^c ND	--
	12/30/93	--	--	--	--	--	310	-	-	--
	03/09/94	<0.3	<0.3	<0.3	<0.5	47	<100	-	ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	100	-	ND	--
	09/27/94	<0.3	<0.3	<0.3	<0.5	<10	^e <250	-	^d 15	--
	12/01/94	<0.3	<0.3	<0.3	<0.5	54	^f 1,300	-	^d 6	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	3,000	-	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	2,000	-	ND	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	4,300	-	^h 20	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	6,100	-	ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	3,200	-	ND	--
06/04/96	<0.5	<1.0	<1.0	<2.0	<100	3,800	-	ND	--	
09/04/96	<0.5	<1.0	<1.0	<2.0	<100	3,100	-	-	--	

TABLE 2
Summary of Historical Groundwater Sample Analyses
 (All results expressed in micrograms per liter unless otherwise specified)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-2 cont	12/02/96	<0.5	<1.0	<1.0	<2.0	<100	2,200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	2,100	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	<100	2,400	--	--	<10
	08/25/97	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	0.6	<0.5	<0.5	<2.0	<50	1,900	--	--	<5
	02/12/98	<0.5	<0.5	<0.5	<2.0	<50	1,600	--	--	<5
	05/20/98	<0.5	<0.5	<0.5	<2.0	<50	3,100	--	--	<5
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	1,200	--	--	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	<50	820	--	--	<2.5
	02/11/99	<0.50	<0.50	<0.50	<0.50	<50	<500	--	--	3.3
	05/11/99	<0.5	<0.5	<0.5	<0.5	<50	1,400	--	--	<2.5
	08/10/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	980	--	--	1.4
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	0.6
	08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.0
11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.4	
MW-3	12/30/92	11	0.9	<0.3	2	910	SPH	20	*ND	--
	03/24/93	28	0.7	1	8	3,300	SPH	28	**15	--
	06/21/93	21	5	2	19	**2,600	32,000	26	cd5	--
	09/16/93	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	12/01/93	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	03/09/94	2	1.4	4.5	13	2,000	**5,700	**63	*ND	--
	06/30/94	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	09/27/94	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	12/01/94	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	03/08/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	06/09/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	08/29/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	11/15/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	03/05/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	06/03/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	09/04/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	12/02/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	02/26/97	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	06/09/97	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	08/25/97	5	6	5	16	5,600	110,000	--	--	<30
	11/28/97	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
02/12/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	
05/20/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	
08/11/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--	
11/10/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	
02/11/99	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	
05/11/99	5.2	<0.5	<0.5	<0.5	530	59,000	--	--	<2.0	
08/10/99	<0.5	<0.5	<0.5	<0.5	2,200	54,000	--	--	2.2	
10/26/99	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	
02/25/00	<5.0	<5.0	<5.0	<5.0	7,800	130,000	--	--	20	
05/03/00	<0.5	<0.5	<0.5	<0.5	1,100	42,000	--	--	2.2	
08/02/00	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--	
11/07/00	<0.5	<0.5	<0.5	<0.5	1,100	18,000	--	--	1.6	
MW-4	12/30/92	2	<0.3	1	<0.5	1,200	--	<1	*ND	--
	03/24/93	<0.3	<0.3	<0.3	<0.5	750	--	2	**7	--
	06/21/93	<0.3	2	<0.3	0.5	660	19,000	--	*ND	--
	09/16/93	0.3	<0.3	2	3	410	2,500	--	*ND	--

TABLE 2
Summary of Historical Groundwater Sample Analyses
 (All results expressed in micrograms per liter unless otherwise specified)

Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-4 cont	12/01/93	<0.3	<0.3	<0.3	<0.5	150	390	--	^a ND	--
	03/09/94	0.7	0.8	2	3.6	1,500	780	--	^a ND	--
	06/30/94	<0.3	1.7	0.5	1	450	130	--	ND	--
	09/27/94	0.5	<0.3	<0.3	<0.5	110	1,100	--	ND	--
	12/01/94	0.6	0.5	0.3	0.8	290	580	--	^a <5	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	360	1,000	--	^a <5	--
	06/09/95	<0.3	0.4	<0.3	<0.5	64	1,100	--	^a <5	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	1,200	--	^a <5	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	2,100	--	^a ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	590	--	^a ND	--
	06/04/96	<0.5	<1.0	<1.0	<2.0	<100	860	--	ND	--
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	600	--	--	--
	12/02/96	<0.5	<1.0	<1.0	<2.0	<100	940	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	390	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	<100	630	--	--	<10
	08/25/97	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	3.6	3.9	3.7	12	120	<200	--	--	<5
	02/12/98	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	05/20/98	<0.5	<0.5	<0.5	<2.0	<50	300	--	--	<5
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	62	610	--	--	<2.5
	02/11/99	<0.50	2.4	1.3	6.5	140	<500	--	--	8.0
	05/11/99	<0.5	<0.5	<0.5	<0.5	<50	330	--	--	<2.0
08/10/99	<0.5	<0.5	<0.5	2.6	470	<250	--	--	2.5	
10/26/99	<0.5	<0.5	<0.5	<0.5	<50	1,300	--	--	3.5/2.2 ¹	
02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.4	
05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.5	
08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.9	
11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.9	
MW-5	12/30/92	<0.3	<0.3	<0.3	<0.5	37	--	<1	^b c5	--
	03/24/93	<0.3	<0.3	<0.3	0.5	19	--	2	^a c341	--
	06/21/93	<0.3	<0.3	<0.3	<0.5	<10	<100	--	^c ND	--
	09/16/93	0.3	<0.3	<0.3	1	<10	<100	--	^c ND	--
	12/01/93	<0.3	<0.3	<0.3	1	17	--	--	^c ND	--
	12/30/93	--	--	--	--	--	<100	--	--	--
	03/09/94	<0.3	<0.3	<0.3	<0.5	22	<100	--	^c ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	<100	--	ND	--
	09/27/94	0.5	0.4	<0.3	<0.5	<10	560	--	ND	--
	12/01/94	<0.3	<0.3	<0.3	<0.5	<10	<250	--	ND	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	<250	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	^d 7	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	^b 36	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	--	ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	<200	--	ND	--
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	310	--	--	--
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	--	--	--
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
08/25/97	>0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5	
11/28/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	

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Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-5 cont	02/12/98	<0.5	<0.5	<0.5	<0.5	<50	<200	--	--	<5
	05/20/98	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	<2.5
	11/10/98	NS	NS	NS	NS	NS	NS	--	--	NS
	02/11/99	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	3.2
	05/11/99	--	--	--	--	--	--	--	--	--
	08/10/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	5.6
	10/26/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	3.5
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.9
	08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	5.2
	11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	4.2
MW-6	12/27/93	<0.3	<0.3	<0.3	<0.5	<10	<100	<1	^a 70	--
	03/09/94	<0.3	<0.3	<0.3	<0.5	15	<100	--	^c ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	<100	--	^d ND	--
	09/27/94	<0.3	<0.3	<0.3	<0.5	<10	<250	--	^e 8	--
	12/01/94	<0.3	<0.3	<0.3	<0.5	<10	<250	--	^f 32	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	<250	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	ND	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	^h 24	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	--	^g 31	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	<200	--	ND	--
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	230	--	--	--
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	NS	NS	NS
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/97	<0.5	1.1	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/12/98	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	05/20/98	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	<2.5
	11/10/98	NS	NS	NS	NS	NS	NS	--	--	NS
	02/11/99	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	7.1
05/11/99	--	--	--	--	--	--	--	--	--	
08/10/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	<2.0	
10/26/99	NS	NS	NS	NS	NS	NS	NS	NS	NS	
02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
MW-7	12/27/93	<0.3	<0.3	1	2	140	<100	<1	^a 40	--
	03/09/94	<0.3	<1.0	1.5	4.1	620	<100	--	^c ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	33	<100	--	ND	--
	09/27/94	<0.3	<0.3	0.4	0.7	52	^e <250	--	ND	--
	12/01/94	<0.3	<0.3	<0.3	1.1	<10	^e <250	--	^g 28	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	^e <250	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	ND	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	^h 13	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	--	ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	270	--	ND	--
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	<200	--	--	--
12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	

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Sears Store 1058
 2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-7 cont	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	NS	NS	NS
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/97	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/12/98	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	05/20/98	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	<2.5
	11/10/98	NS	NS	NS	NS	NS	NS	--	--	NS
	02/11/99	<0.5	<0.5	<0.5	<0.5	130	<500	--	--	5.8
	05/11/99	--	--	--	--	--	--	--	--	--
	08/10/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	<2.0
	10/26/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
MW-8	12/27/93	0.4	4	0.4	1	390	<100	<1	¹⁸	--
	03/09/94	0.6	0.8	0.5	1.5	420	<100	--	¹⁸ ND	--
	06/30/94	0.9	<0.3	<0.3	1.1	250	<100	--	ND	--
	09/27/94	<0.3	<0.3	<0.3	<0.5	210	⁹ <250	--	⁹ ND	--
	12/01/94	5.4	<0.3	0.7	1.3	230	⁹ <250	--	⁹ ND	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	230	⁹ <250	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	⁹ <250	--	ND	--
	08/29/95	0.9	0.4	<0.3	0.8	200	⁹ <250	--	¹⁵	--
	11/15/95	0.58	<0.5	<0.5	0.54	120	--	--	²¹	--
	12/11/95	--	--	--	--	--	⁹ <200	--	--	--
	03/05/96	0.6	<1.0	<1.0	<2.0	<100	⁹ <200	--	ND	--
	06/03/96	<0.5	<1.0	<1.0	<2.0	100	--	--	--	--
	09/04/96	<0.5	<1.0	<1.0	<2.0	110	<200	--	--	--
	12/02/96	<0.5	<1.0	<1.0	<2.0	110	<200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	110	<200	--	--	<10
	08/25/97	<0.5	<0.5	<0.5	<2.0	70	<200	--	--	<5
	11/28/97	<0.5	<0.5	<0.5	<2.0	110	<200	--	--	<5
	02/12/98	<0.5	<0.5	0.6	<2.0	70	<200	--	--	<5
	05/20/98	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	08/11/98	<0.5	<0.5	<0.5	<0.5	64	<500	--	--	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	52	<250	--	--	<2.5
	02/11/99	<0.50	<0.50	<0.50	<0.50	59	<500	--	--	<2.5
	05/11/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	<2.5
08/10/99	<0.5	<0.5	<0.5	<0.5	72	<250	--	--	<2.0	
10/26/99	<0.5	<0.5	<0.5	<0.5	63	<250	--	--	<2.5	
02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
MW-9	12/02/96	<0.5	<1.0	<1.0	<2.0	210	250	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	170	340	--	--	--
	06/09/97	0.8	<1.0	<1.0	<2.0	130	350	--	--	<10
	08/25/97	<0.5	0.8	<0.5	<2.0	110	<200	--	--	<5
	11/28/97	<0.5	0.5	0.9	<2.0	150	<200	--	--	<5
	02/12/98	<0.5	<0.5	<0.5	<2.0	60	<200	--	--	<5
	05/20/98	<0.5	<0.5	0.9	<2.0	130	<200	--	--	<5
08/11/98	<0.5	<0.5	<0.5	0.76	240	<500	--	--	<2.5	

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Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-9 cont	11/10/98	<0.50	<0.50	<0.50	<0.50	220	<250	--	--	<2.5
	02/11/99	<0.50	<0.50	<0.50	<0.50	52	<500	--	--	3.5
	05/11/99	<0.5	<0.5	<0.5	<0.5	96	<250	--	--	<2.5
	08/10/99	<0.5	<0.5	<0.5	0.96	130	<250	--	--	<2.0
	10/26/99	<0.5	<0.5	<0.5	<0.5	130	<250	--	--	3.3/2.1
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	0.8
	05/03/00	<0.5	<0.5	<0.5	<0.5	150	<100	--	--	1.5
	08/02/00	<0.5	<0.5	<0.5	<0.5	210	<100	--	--	2.2
	11/07/00	<0.5	<0.5	<0.5	<0.5	180	<100	--	--	1.4
EW-1	09/04/96	<0.5	<1.0	<1.0	<2.0	1,100	1,700	--	--	--
	12/02/96	6.2	<1.0	<1.0	<2.0	1,000	1,400	--	--	--
	02/26/97	12	<1.0	<1.0	<2.1	1,200	2,100	--	--	--
	06/09/97	83	<1.0	<1.0	<2.0	1,400	12,000	--	--	13
	08/25/97	7.5	0.9	0.9	2	1,400	15,000	--	--	12
	11/28/97	4.5	1.1	1.1	4	560	5,700	--	--	5
	02/12/98	9.8	0.6	1.2	2	1,000	6,300	--	--	30
	05/20/98	7.2	<0.5	<0.5	<2.0	820	6,200	--	--	26
	08/11/98	2.6	<0.5	<0.5	0.86	320	5,400	--	--	8.7
	11/10/98	<0.50	<0.50	<0.50	0.75	820	2,900	--	--	13
	02/11/99	4.0	<0.50	0.51	0.94	720	1,300	--	--	14
	05/11/99	<0.5	<0.5	<0.5	<0.5	680	4,800	--	--	<2.5
	08/10/99	<0.5	<0.5	<0.5	<0.5	730	1,100	--	--	3.6
	10/26/99	<0.5	<0.5	<0.5	<0.5	1,500	13,000	--	--	<50
	02/25/00	<0.5	<0.5	<0.5	<0.5	1,100	6,300	--	--	2.2
	05/03/00	<0.5	<0.5	<0.5	<0.5	110	3,100	--	--	<0.5
08/02/00	<0.5	<0.5	<0.5	<0.5	1,100	4,500	--	--	2.6	
11/07/00	<0.5	<0.5	<0.5	<0.5	1,200	5,100	--	--	2.1	

- Notes:
- = No data for the cell, including "not analyzed for this constituent"
 - < = Compound was not detected above the laboratory reporting limits.
 - mg/l = Milligrams per liter
 - TPH = Total petroleum hydrocarbons
 - ND = Non-detectable (Detection limits for each metal are listed in laboratory reports.)
 - SPH = Separate phase hydrocarbon
 - NS = Not sampled
 - * = Water samples were not filtered; analytical results represent total metals present, not dissolved concentrations
 - ** = Uncategorized hydrocarbon compound not included in this hydrocarbon concentration.
 - a = Dissolved lead
 - b = Dissolved lead only analyte detected
 - c = Dissolved lead, cadmium, total chromium, nickel, and zinc
 - d = Cadmium only analyte detected
 - e = Hydrocarbon pattern not characteristic of motor oil
 - f = Uncategorized compounds included in concentration
 - g = Zinc only analyte detected
 - h = Chromium only analyte detected
 - i = Duplicate sample result from EPA Method 8260A
 - MTBE = Methyl Tert-Butyl Ether

Attachment 3

**Groundwater Monitoring and Sample Collection
Protocol and Field Data Sheets**

Groundwater Monitoring

Groundwater monitoring is accomplished using an INTERFACE PROBE™ Well Monitoring System. The INTERFACE PROBE™ Well Monitoring System is a hand held, battery-operated device for measuring the depth to separate-phase hydrocarbons and depth to water. The INTERFACE PROBE™ Well Monitoring System consists of a dual-sensing probe that utilized an optical liquid sensor and electrical conductivity to distinguish between water and petroleum products.

Monitoring is accomplished by measuring from the surveyed top of well casing or grade to groundwater and separate-phase hydrocarbons if present. The static water elevation is then calculated for each well and a potentiometric surface map is constructed. If separate-phase hydrocarbons are detected, the water elevation is adjusted by the following calculation:

$$(\text{Product thickness}) \times (0.8) + (\text{Water elevation}) = \text{Corrected water elevation}$$

Groundwater monitoring wells are monitored in order of wells with lowest concentrations of volatile organic compounds to wells with the highest concentrations, based upon historical concentrations. If separate-phase hydrocarbons are encountered in a well, the product is visually inspected to confirm and note color, amount, and viscosity. Monitoring equipment is washed with laboratory grade detergent and rinsed with distilled or deionized water before monitoring each well.

Groundwater Sampling

Before groundwater samples are collected, sufficient water is purged from each well to ensure representative formation water is entering the well. Wells are purged and sampled in the same order as monitoring, from wells with the lowest concentrations of volatile organic compounds to wells with the highest concentrations. Wells are purged using either a polyvinyl chloride (PVC) bailer fitted with a check valve or with a stainless steel submersible Grundfos pump. The purge equipment is decontaminated before use in each well by washing with laboratory grade detergent and tripled rinsing with deionized or distilled water. A minimum of 3 well-casing volumes of water are removed from each well while pH, electrical conductivity, and temperature are recorded to verify that "fresh" formation water is being sampled and the parameters have stabilized. If the well is low yielding, it may be purged dry and sampled before 3 casing volumes are purged. The wells are then allowed to recharge to approximately 80 percent of the initial water level before a sample is collected.

Groundwater samples are collected from each well using a new, prepackaged disposable bailer and string. The water sample is decanted from the bailer into laboratory-provided containers (appropriate for the analyses required) so that there is no headspace in the containers. Samples collected for benzene, toluene, ethylbenzene, xylenes, and total petroleum hydrocarbons as gasoline analyses are collected in 40-milliliter vials fitted with Teflon® septum lids. Samples are preserved with hydrochloric acid (HCL) to a pH of less than 2. Dissolved metals samples are filtered through a 0.45-micron paper filter in the field and preserved as required before submitting to the laboratory for analyses. All samples are labeled immediately upon collection and logged on the chain-of-custody record. Sample label and chain-of-custody recorded information includes the project name and number, sample identification, date and time of collection, analyses requested, and the sampler's name. Sample bottles are placed in plastic bags (to protect the bottles and labels) and on ice (frozen water) in an insulated cooler and are shipped under chain-of-custody protocol to the laboratory.

The chain-of-custody record documents who has possession of the samples until the analyses is performed. Other pertinent information is also noted for the laboratory use on the chain-of-custody record.

Trip blanks (TBLBs) are used for each project as a quality assurance/quality control measure. The TBLBs are prepared by the laboratory, are placed in the insulated cooler, and accompany the field samples throughout the sampling event.

11/7

SITE VISIT FORM

IT Corporation - Concord, California

Project: 803685.00

Technician: Hector Merino

Site: SEARS/#1058/Oakland, CA

Scheduled: 11/06/2000

Project Mgr: David Bero

Site Mgr:

PREPARATORY COMMENTS

Visit Date: 11-7-00 Arrival Time: 9:30 Departure Time: 12:30

Work Order read in office: Y/N upon arrival: Y/N upon departure: Y/N

Called PM? Y/N Time: 12:45 Who: David B Topic: Drums, 16 total

Are You In Possession of a Site Safety Plan? Y/N

COC: Complete with store #, site address & proj office address? Y/N

Job # and task #

GROUNDWATER SAMPLING - Task Nr: 03054300 [Quarterly]

SITE ADDRESS: 2633 Telegraph Avenue, Oakland, CA

cc: David Bero

NOTE: CONTACT SEARS SITE MANAGER AND GET BUSINESS CARD WHILE ON SITE.

Notify Amir Gholami 72 hrs in advance (510) 567-6876 DONE: 11/3/00 10:00
left message
gz

During any sampling activities, a minimum work zone will be defined by a 10ft by 10ft square centered around the monitor well and marked with 36" -high orange traffic cones with flag poles and flags placed in the center of the cone and caution tape stretched between the cones. Employees will be constantly aware of the public access to the work zone and keep them within the outer perimeter of the cones and caution tape at all times.

BRING 9/16 BOLTS FOR ALL 8 WELLS. Need three (3) new drums for this site.

1. Monitor and sample all wells (MW-1 through MW-9 and EW-1) in the following order: MW-5, MW-6, MW-7, MW-8, MW-1, MW-9, MW-4, MW-2, MW-3 and the extraction well (EW-1) located next to MW-3. USE DISPOSABLE BAILERS. Collect two (2) 40ml, HCL-preserved VOAs from all wells.
2. Purge each well of 3 well volumes or until dry. Record DTW, DTP, pH, conductivity, temperature and dissolved oxygen. NOTE: Recharge DTW.
3. Collect one trip blank and one duplicate from MW-4 and submit for BTEX-8020 only.

SITE VISIT FORM
IT Corporation - Concord, California

Project: 803685.00
 Site: SEARS/#1058/Oakland, CA
 Project Mgr: David Bero

Technician: H Merino
 Scheduled: 11/06/2000
 Site Mgr:

GROUNDWATER SAMPLING (Continued) - Task Nr: 03054300 [Quarterly]

4. Complete detailed drum count. Check with owner if drums can be left in corner. Label drums properly (Non Haz).

5. Submit samples to Zymax, ph# (805) 544-4696. To be analyzed for BTEX/MTBE/TPH-G (EPA 8020/8015M/8260 and GC/MS combination.), and TPH-Motor Oil by GC/MS combo.

6. COMPLETED ALL THREE PAGES OF WASTE INVENTORY FORM? Yes. IF NO, EXPLAIN _____

7. Record hours used on-site as well as travel time used.

HOURS ESTIMATED FOR FEB/AUG 6.0

MAY/NOV 5.0

Hours Estimated	6.00	Hours Used	
-----------------	------	------------	--

FINAL CHECKS

SITE SECURITY: well/covers/gates... secure? Y/N-If No, Explain

WASTE COMPLIANCE: # of Drums w/: Water___, Soil___, Empty___, Other___

DRUMS labeled? NA/Y/N Gen. Date:_____ Label Type:_____

SOIL pile? Y/N size:_____cu.yds.

SITE LEFT CLEAN? Y/N

SITE VISIT FORM
IT Corporation - Concord, California

Project: 803685.00
Site: SEARS/#1058/Oakland, CA
Project Mgr: David Bero

Technician:
Scheduled: 11/06/2000
Site Mgr:

TECHNICIAN'S COMMENTS

Total Hours Estimated	6.00	Total Hours Used	
Travel Time Estimated	1.50	Travel Time Used	

Technician.

SITE VISIT FORM
IT Corporation

Project: Sears/#1058/Oakland
Store #: 1058/2633 Telegraph
Project Manager: David Bero

Technician: H. Marino
Schedule: 11-7-00
Job No. 803685.03054300

WELL WATER SAMPLING - TASK Nr: 03054300 [QUARTERLY]
Gauge wells for volume of water & bail 3 well Vol.s. DECON
all equipment & change gloves, string, etc, between each well.

Well ID

MW-1:	DTB_21.72	DTW <u>10.83</u>	SAT. THICK ___	#GAL. BAILED ___
MW-2:	DTB_21.79	DTW <u>10.74</u>	SAT. THICK ___	#GAL. BAILED ___
MW-3:	DTB_24.67	DTW <u>12.18</u>	SAT. THICK ___	#GAL. BAILED ___
MW-4:	DTB_22.97	DTW <u>11.45</u>	SAT. THICK ___	#GAL. BAILED ___
MW-5:	DTB_25.27	DTW <u>10.38</u>	SAT. THICK ___	#GAL. BAILED ___
MW-6:	DTB_22.05	DTW <u>10.55</u>	SAT. THICK ___	#GAL. BAILED ___
MW-7:	DTB_21.70	DTW <u>11.03</u>	SAT. THICK ___	#GAL. BAILED ___
MW-8:	DTB_22.14	DTW <u>12.00</u>	SAT. THICK ___	#GAL. BAILED ___
MW-9:	DTB_20.30	DTW <u>11.56</u>	SAT. THICK ___	#GAL. BAILED ___
EW-1:	DTB_22.30	DTW <u>12.27</u>	SAT. THICK ___	#GAL. BAILED ___

NOTES: MES all wells.
There is a TOTAL OF 16 DRUMS
ON SITE. Car parked on top of MW3 & EW1
pumped & sampled on 11-8-00.

HOURS ESTIMATED:

HOURS USED:

FINAL CHECKS

Are Wells Locked? (YES) NO Why Not?

Are Manholes Bolted Down? (YES) NO Why Not?

DRUMMED MATERIAL INVENTORY FORM

Store Number 1058 Address/City/State/ZIP 2633 Telegraph Ave
OAKLAND Ca.
 Sears Facility Contact and Phone # _____
 IT Corporation Representative Hector Merino
 Accumulation Start Date 11-7-00 Completion Date: 11-7-00
 Exact Drum Storage Location Behind Korean Restaurant Next to Fence

CONTENTS	# OF DRUMS	DRUM ID (A,B,C...) OR (1,2,3...)	LID TYPE (OPEN OR BUNG)	LABEL TYPE: HAZARDOUS, NON-HAZARDOUS, UNCLASSIFIED	DRUM DESCRIPTION: COLOR, CONDITION, MARKINGS
GASOLINE			O or B	H / N / U	
GASOLINE/WATER MIXTURE			O or B	H / N / U	
GASOLINE IMPACTED PURGE WATER	16	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P	O or B	H / N / U	Black & white
GASOLINE TANK BOTTOMS/SLUDGE			O or B	H / N / U	
GASOLINE IMPACTED DEBRIS			O or B	H / N / U	
GASOLINE IMPACTED SOIL			O or B	H / N / U	
FUEL OIL (INC. DIESEL & HEATING OIL)			O or B	H / N / U	
FUEL OIL/WATER MIXTURE			O or B	H / N / U	
FUEL OIL IMPACTED PURGE WATER			O or B	H / N / U	
FUEL OIL TANKS BOTTOMS/SLUDGE			O or B	H / N / U	
FUEL OIL IMPACTED DEBRIS			O or B	H / N / U	
FUEL OIL IMPACTED SOIL			O or B	H / N / U	
HYDRAULIC FLUID			O or B	H / N / U	
HYDRAULIC FLUID/WATER MIXTURE			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED PURGE WATER			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED SLUDGE			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED DEBRIS			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED SOIL			O or B	H / N / U	
USED OIL			O or B	H / N / U	
USED OIL/WATER MIXTURE			O or B	H / N / U	
USED OIL IMPACTED PURGE WATER			O or B	H / N / U	
USED OIL TANK BOTTOMS/SLUDGE			O or B	H / N / U	
USED OIL IMPACTED DEBRIS			O or B	H / N / U	
USED OIL IMPACTED SOIL			O or B	H / N / U	
CHLORINATED SOLVENT:			O or B	H / N / U	
NON-CHLORINATED SOLVENT:			O or B	H / N / U	
OTHER:			O or B	H / N / U	
OTHER:			O or B	H / N / U	
OTHER:			O or B	H / N / U	

NOTE: There should NEVER be 2 drums with the same ID present at a site at the same time!

BULK MATERIAL INVENTORY FORM

Store Number 1039 Address/City/State/ZIP 2633 Telegraph AVE
OAKLAND Ca.

Sears Facility Contact and Phone # _____

IT Corporation Representative Heather Marino

Accumulation Start Date 11-7-00 Completion Date 11-7-00

Exact Bulk Storage Location _____

CONTAMINANTS	SOIL (Cu Yds)	DEBRIS (Cu Yds)	LIQUID (Gallons)
GASOLINE			
FUEL OIL			
HYDRAULIC FLUID			
USED OIL			
CHLORINATED SOLVENT:			
NON-CHLORINATED SOLVENT:			
OTHER:			
OTHER:			

SOIL PILE CALCULATIONS

Calculation for a tent shaped soil pile:

Length _____ X Width _____ X Height _____ $\div 2 \div 27 =$ _____ Yds³

Calculation for a rectangular or square shaped soil pile:

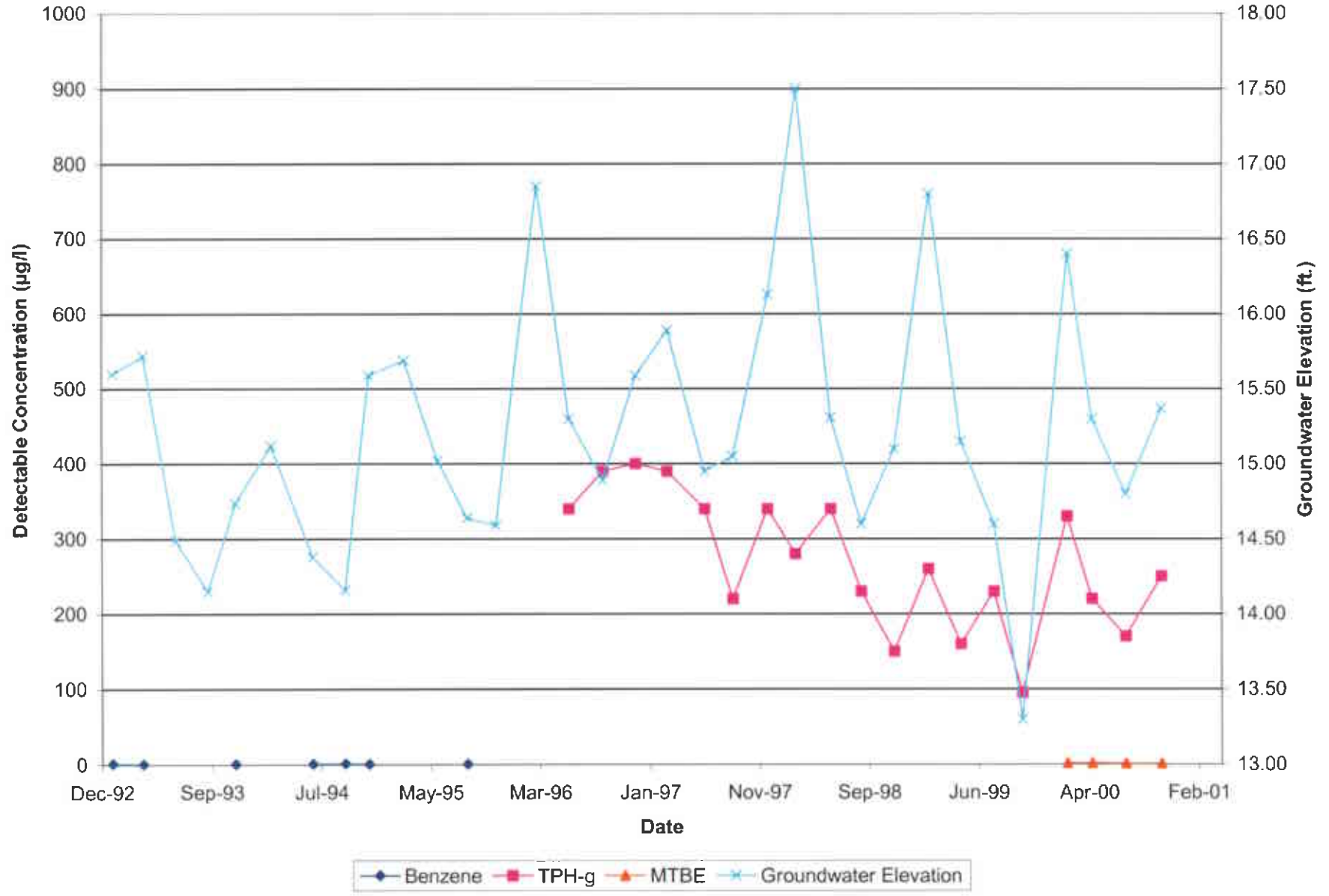
Length _____ X Width _____ X Height _____ $\div 27 =$ _____ Yds³

Calculation for a conical (cone) shaped soil pile:

.04 X Radius _____ X Radius _____ X Height _____ = _____ Yds³

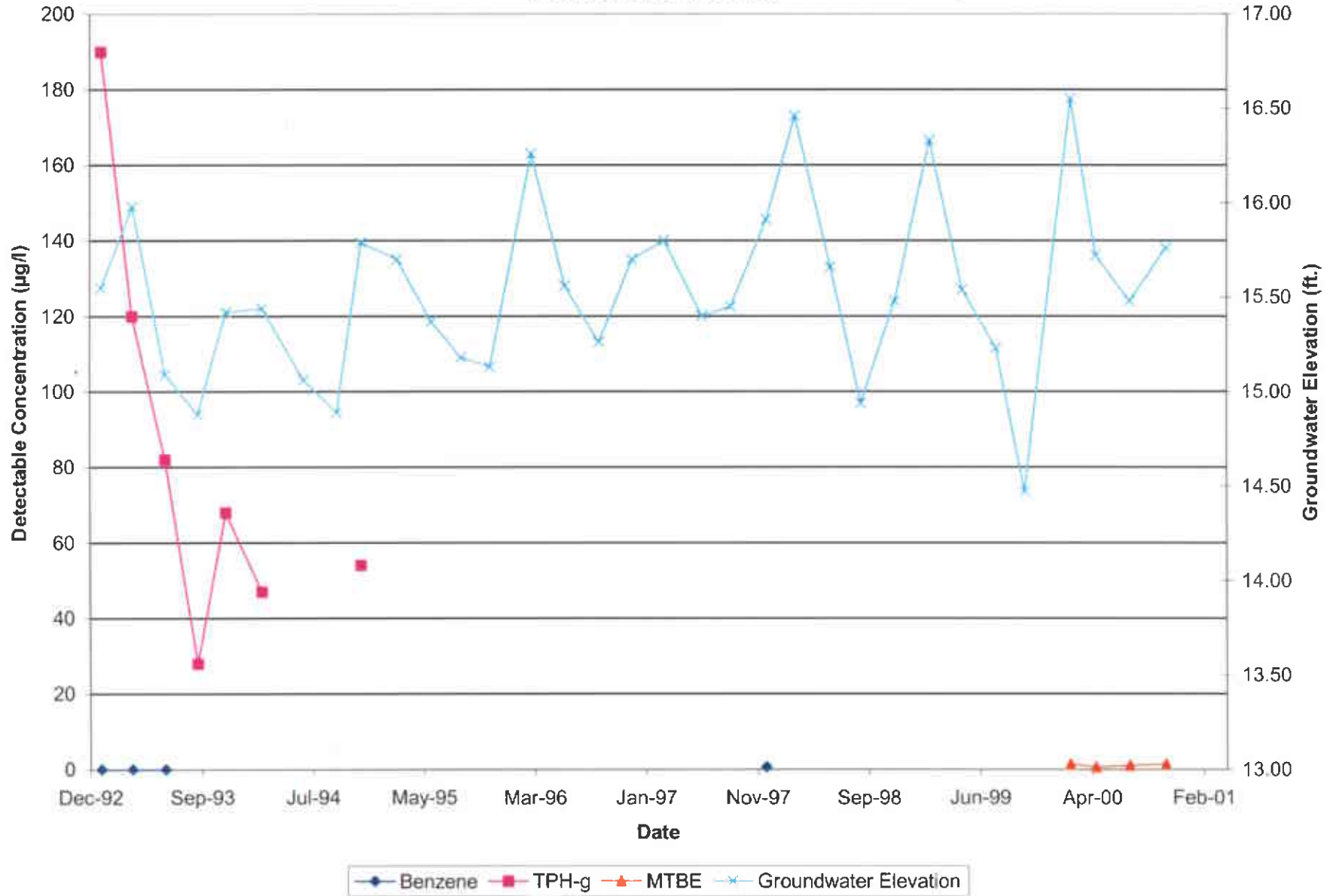
Graph 1, MW-1
 Sears Store No. 1058, 2633 Telegraph Avenue
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



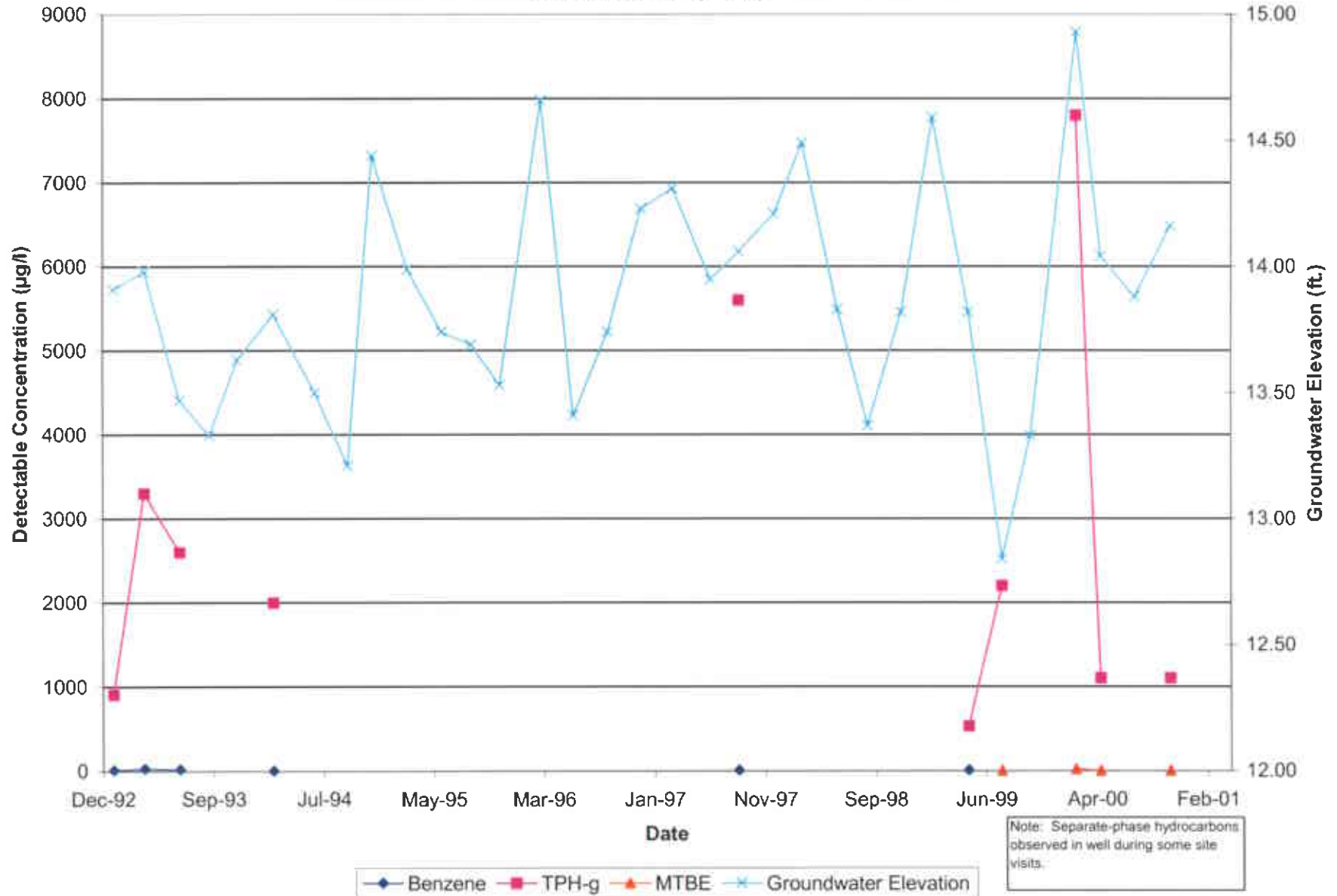
Graph 2, MW-2
 Sears Store No. 1058, 2633 Telegraph Avenue
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Graph 3, MW-3
 Sears Store No. 1058, 2633 Telegraph Avenue
 Oakland, California

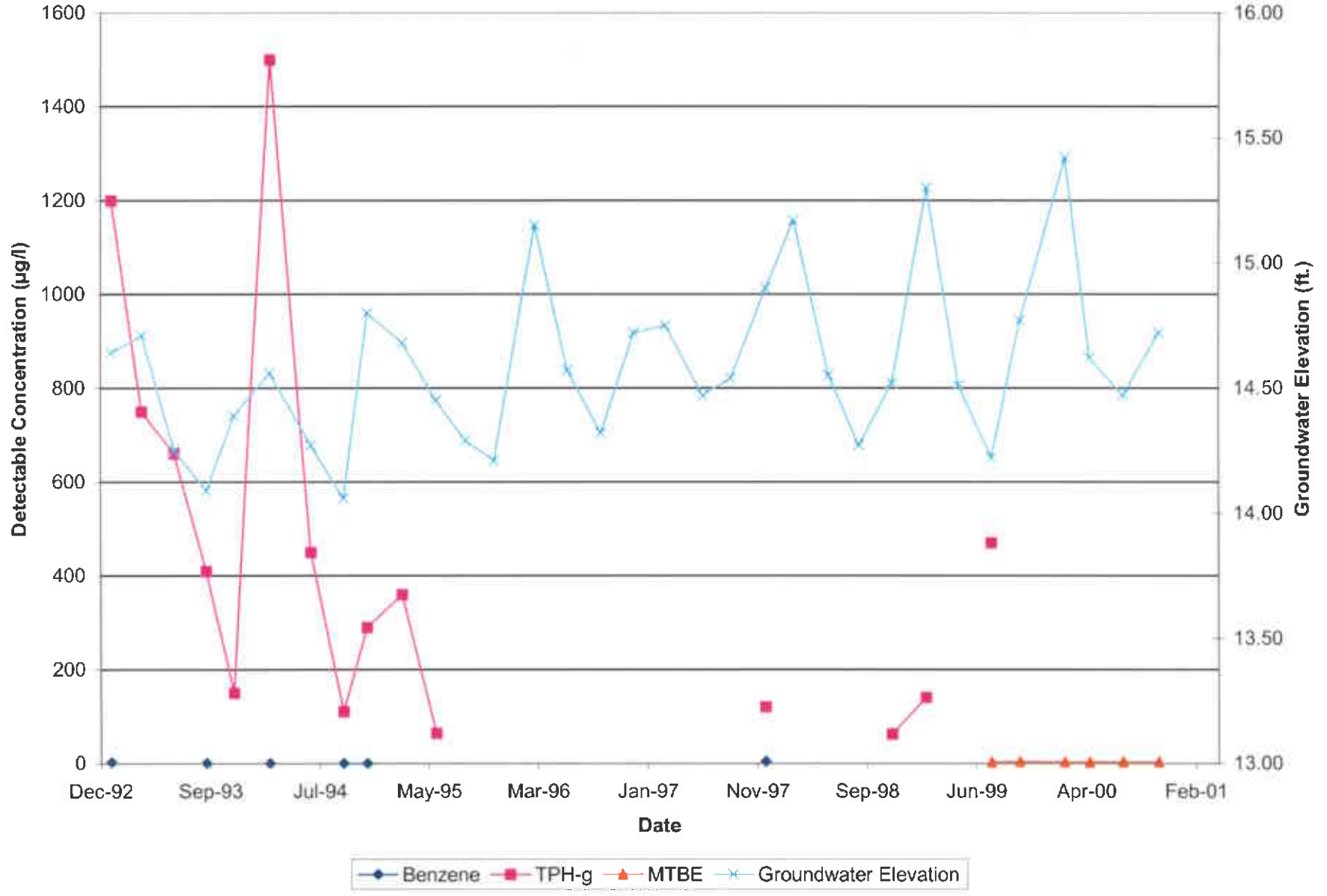
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Note: Separate-phase hydrocarbons observed in well during some site visits.

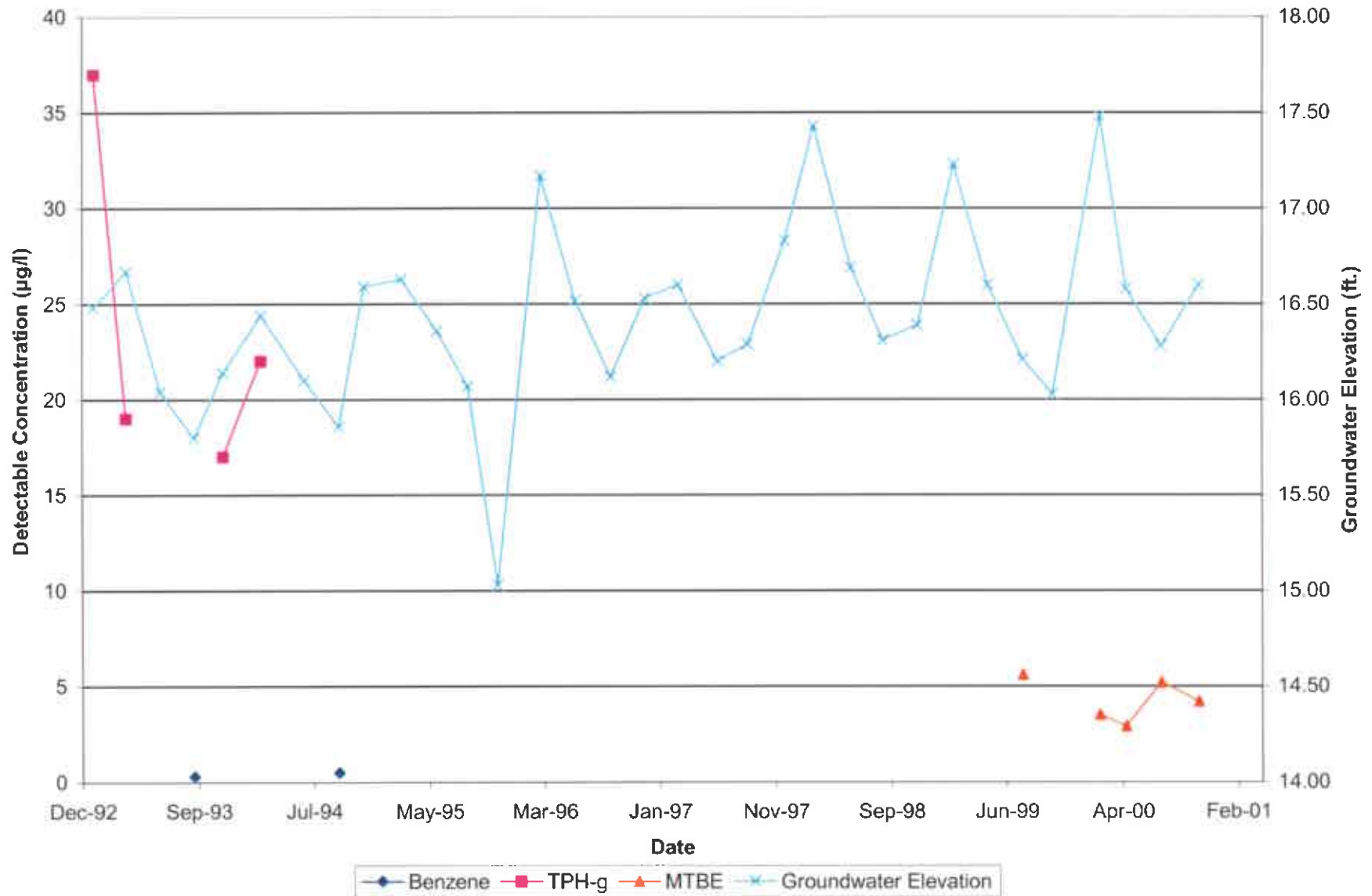
Graph 4, MW-4
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



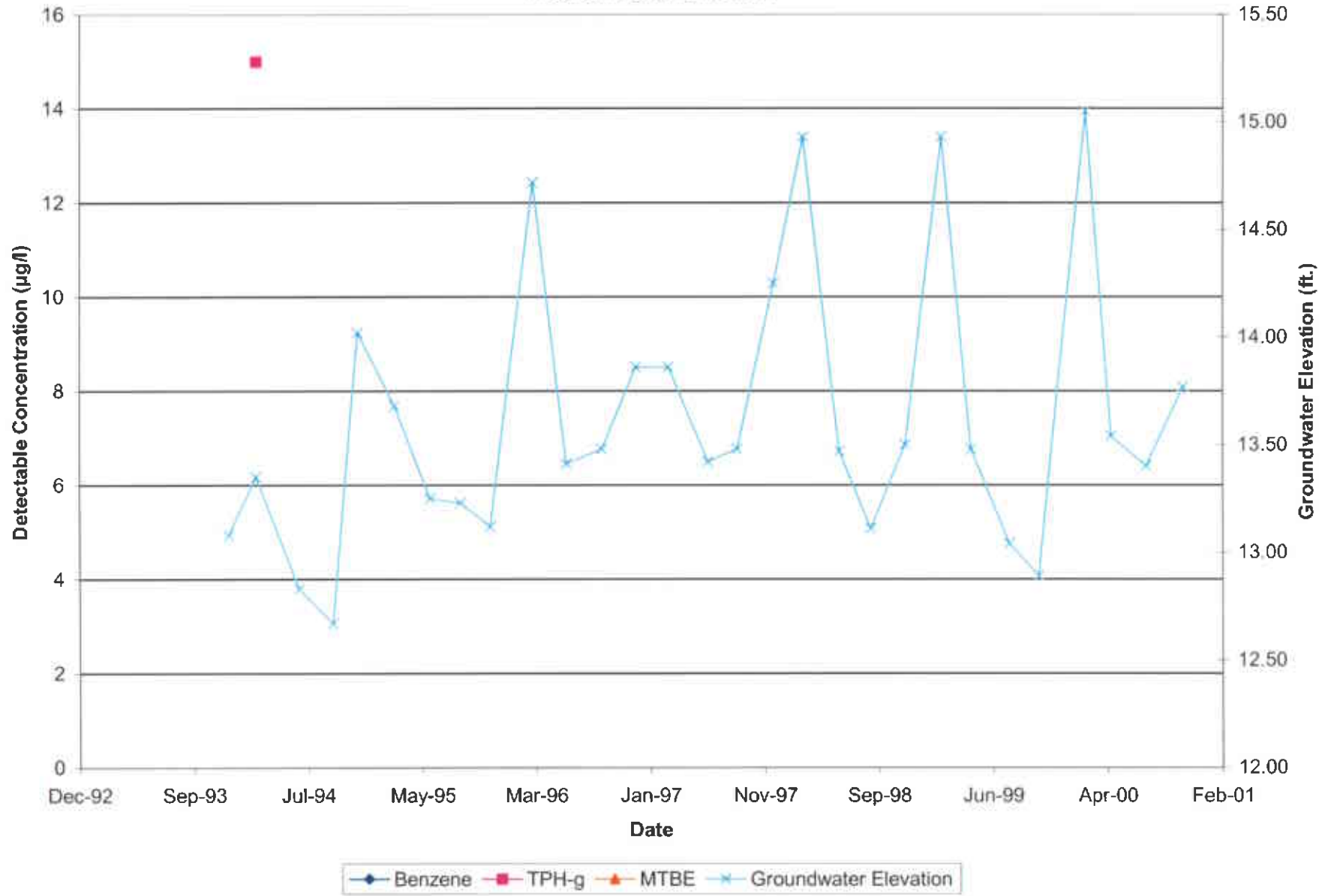
Graph 5, MW-5
 Sears Store No. 1058, 2633 Telegraph Avenue
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



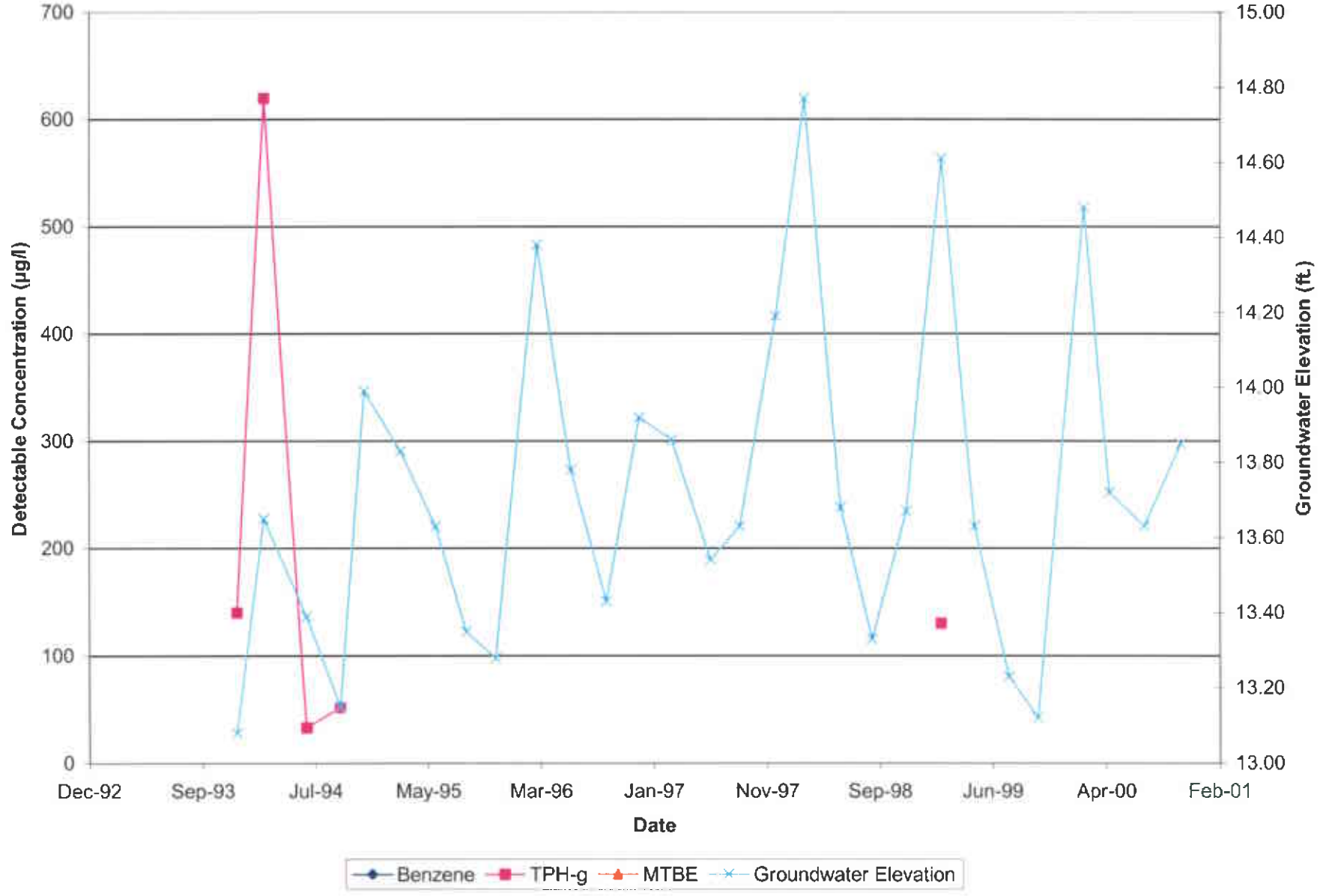
Graph 6, MW-6
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



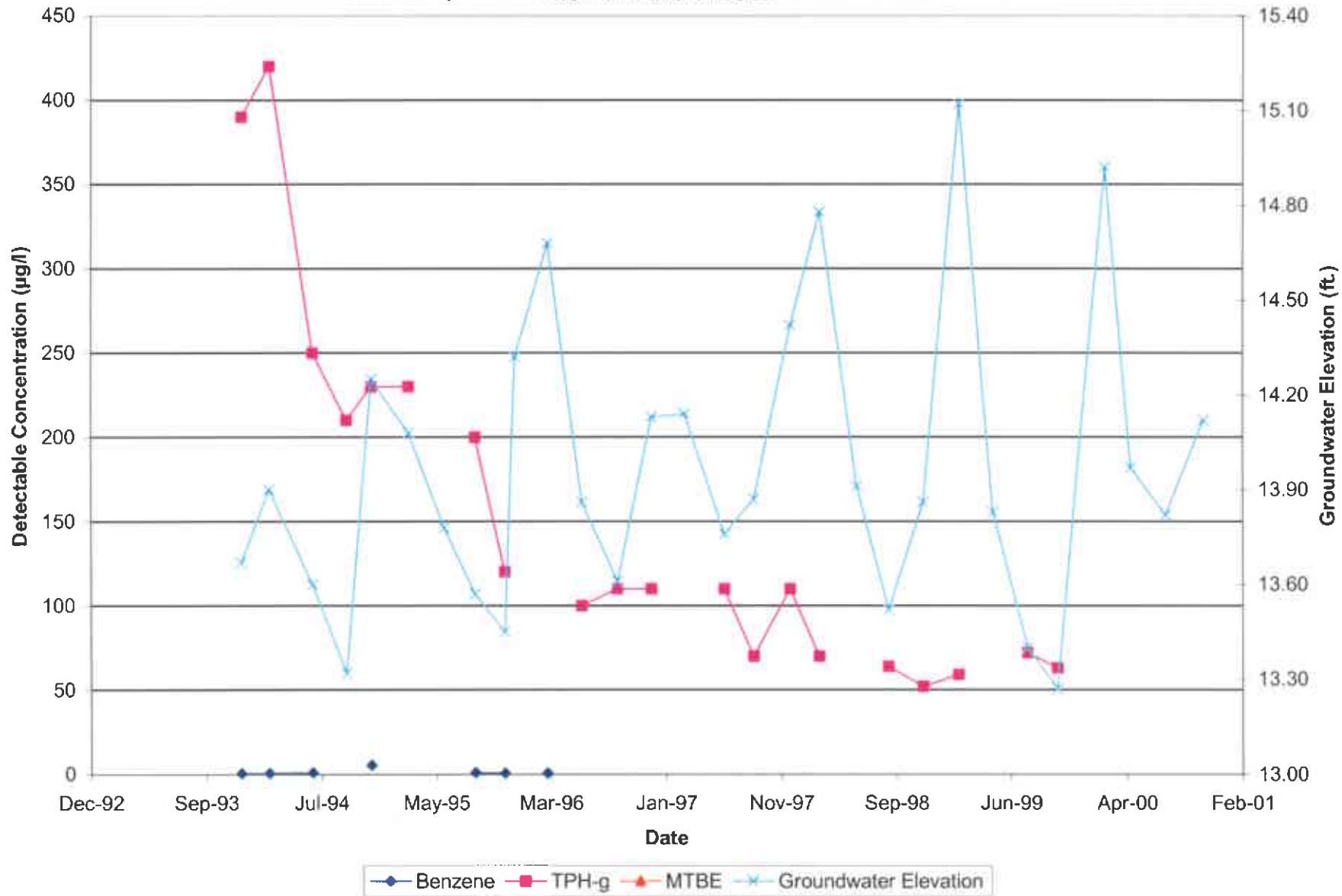
Graph 7, MW-7
 Sears Store No. 1058, 2633 Telegraph Avenue
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



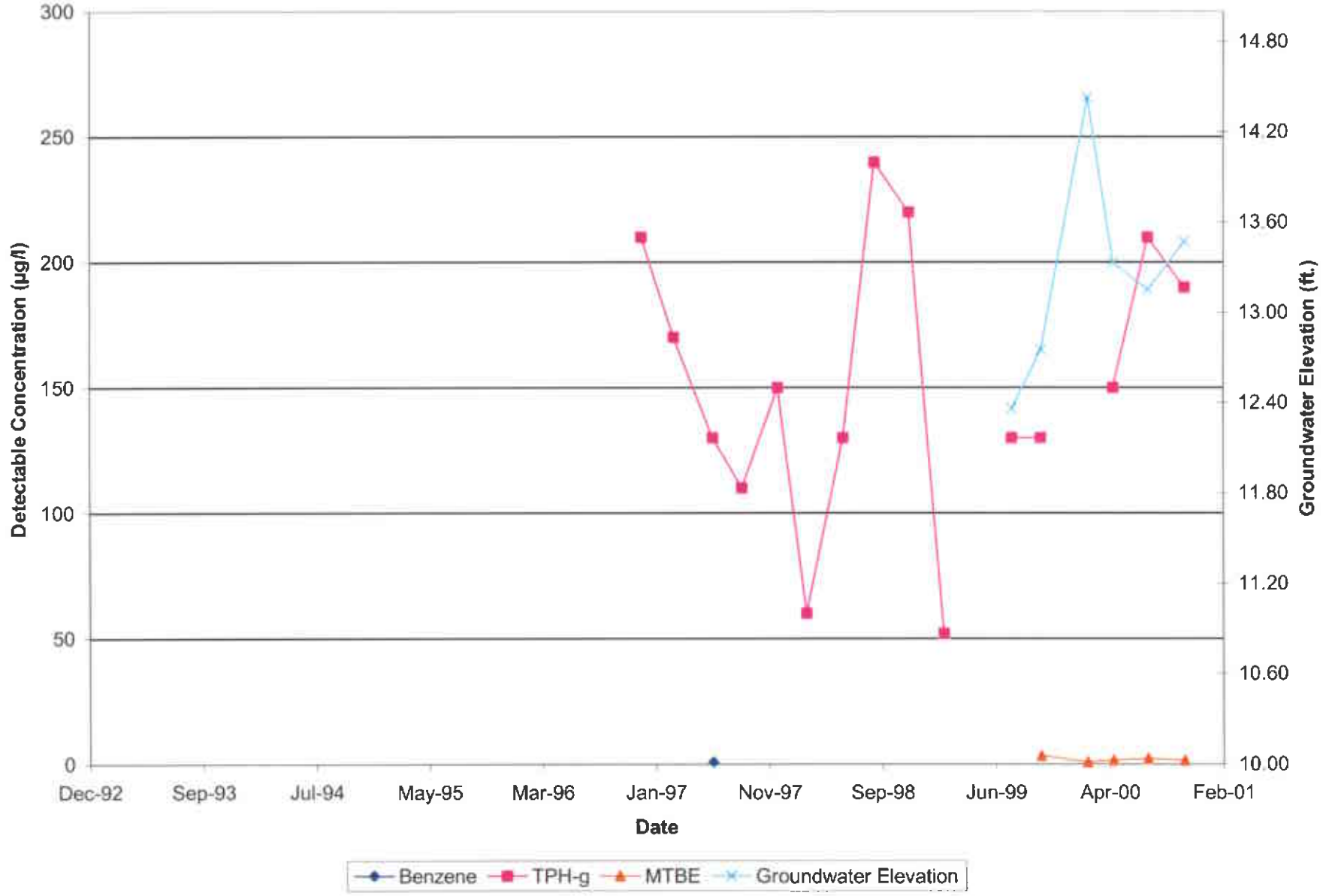
Graph 8, MW-8
 Sears Store No. 1058, 2633 Telegraph Avenue
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



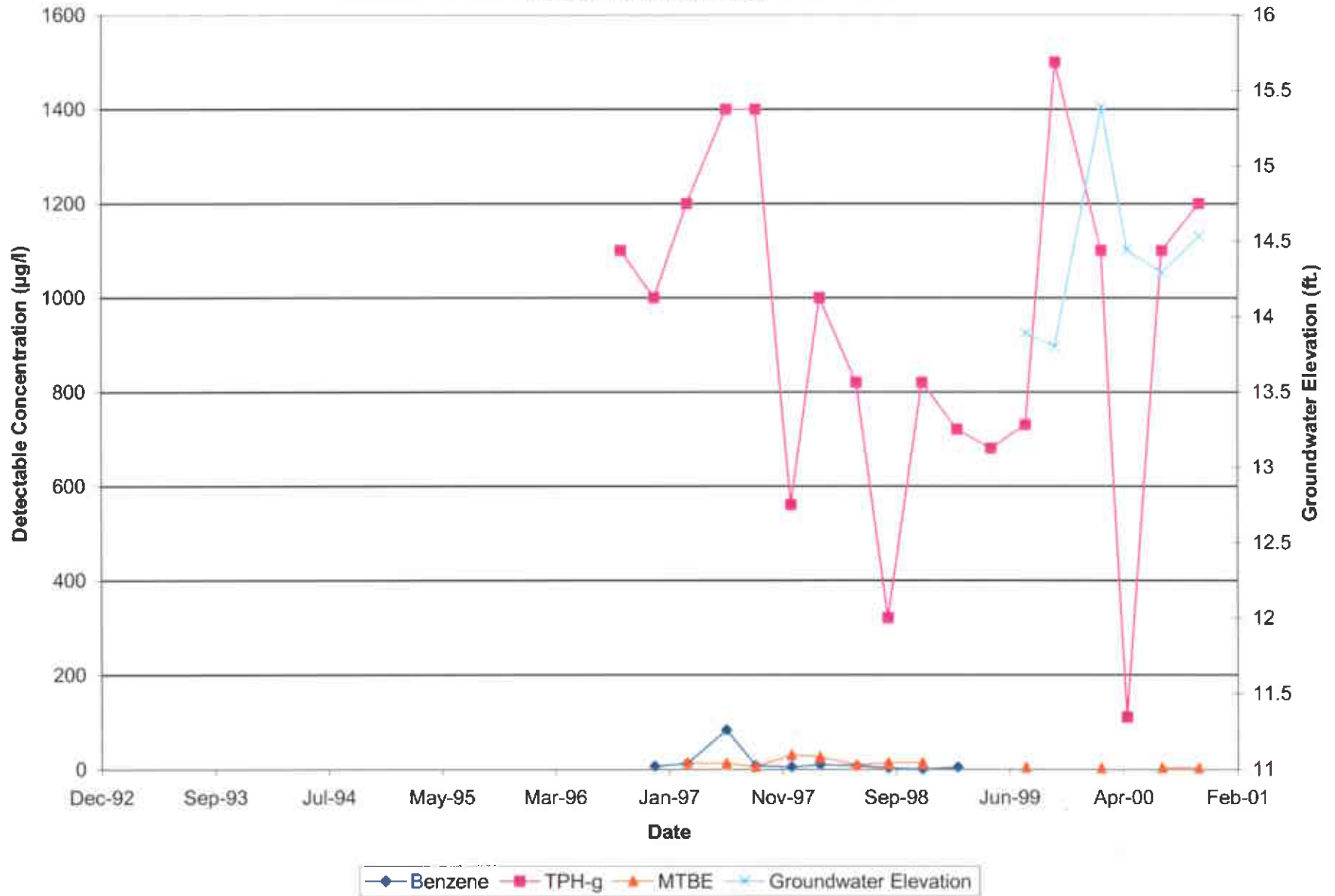
Graph 9, MW-9
 Sears Store No. 1058, 2633 Telegraph Avenue
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Graph 10, EW-1
 Sears Store No. 1058, 2633 Telegraph Avenue
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Attachment 5

Laboratory Reports and Chain-of-Custody Documents



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-1
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-1
Analyzed: 11/17/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	0.9
Percent Surrogate Recovery		103

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons (C4-C12)	50.	250.
BTX as a Percent of Fuel		N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by EPA 8260 and GC/MS Combination.

Note: Analytical range is C4-C12.

Note: TPH quantitated against gasoline.

Note: MTBE not included in TPH result.

MSD #6
21931-1.xls
MN/jgt/mb/yl

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

FILE



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-1
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-1
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		83

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.


Note: Analyzed by GC/MS Combination.

Note: Extracted by EPA 3510 on 11/14/00.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director

MSD #9
21931-1t.xls
MN/jgt/dz/pf/td



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-8
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-2
Analyzed: 11/17/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	1.4
Percent Surrogate Recovery		101

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

- Note: Analyzed by EPA 8260 and GC/MS Combination.
- Note: Analytical range is C4-C12.
- Note: TPH quantitated against gasoline.
- Note: MTBE not included in TPH result.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #6
21931-8.xls
MN/jgt/mb/bm



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-8
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-2
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		91

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.


Note: Analyzed by GC/MS Combination.

Note: Extracted by EPA 3510 on 11/14/00.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director

MSD #9
21931-8t.xls
MN/jgt/dz/pf/td



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-11
Collected: 11/08/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-3
Analyzed: 11/17/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	1.6
Percent Surrogate Recovery		97

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons (C4-C12)	50.	1100.
BTX as a Percent of Fuel		N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

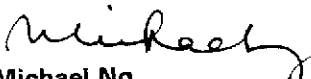
Note: Analyzed by EPA 8260 and GC/MS Combination.

Note: Analytical range is C4-C12.

Note: TPH quantitated against gasoline.

Note: MTBE not included in TPH result.

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director

MSD #6
21931-11.xls
MN/jgt/mb/yl



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-11
Collected: 11/08/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-3
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C16-C36)	1000.	13000.
Percent Surrogate Recovery		74

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by GC/MS Combination.

Note: Extracted by EPA 3510 on 11/14/00.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director

MSD #9
2193111t.xls
MN/jgt/dz/pf/td



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-7
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-4
Analyzed: 11/17/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	2.9
Percent Surrogate Recovery		102

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

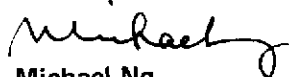
Note: Analyzed by EPA 8260 and GC/MS Combination.

Note: Analytical range is C4-C12.

Note: TPH quantitated against gasoline.

Note: MTBE not included in TPH result.

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director

MSD #6
21931-7.xls
MN/jgt/mb/bm



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-7
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-4
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		91

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by GC/MS Combination.

Note: Extracted by EPA 3510 on 11/14/00.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #9
21931-7t.xls
MN/jgt/dz/pf/td



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-3
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-5
Analyzed: 11/17/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	4.2
Percent Surrogate Recovery		101

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by EPA 8260 and GC/MS Combination.

Note: Analytical range is C4-C12.

Note: TPH quantitated against gasoline.

Note: MTBE not included in TPH result.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #6
21931-3.xls
MN/jgt/mb/bm



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-3
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-5
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
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TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		72

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

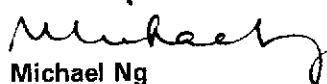
Note: Analyzed by GC/MS Combination.

Note: Extracted by EPA 3510 on 11/14/00.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director

MSD #9
21931-3t.xls
MN/jgt/dz/pf/td



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-2
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-6
Analyzed: 11/16/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	ND
Percent Surrogate Recovery		102

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit
**Results listed as ND would have been reported if present at or above the listed PQL.

- Note: Analyzed by EPA 8260 and GC/MS Combination.
- Note: Analytical range is C4-C12.
- Note: TPH quantitated against gasoline.
- Note: MTBE not included in TPH result.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Michael Ng
Assistant Lab Director

MSD #6
21931-2.xls
MN/jgt/mb/bm



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-2
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-6
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		90

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by GC/MS Combination.

Note: Extracted by EPA 3510 on 11/14/00.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #9
21931-2t.xls
MN/jgt/dz/pf/td



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-4
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-7
Analyzed: 11/17/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	ND
Percent Surrogate Recovery		101

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

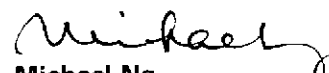
Note: Analyzed by EPA 8260 and GC/MS Combination.

Note: Analytical range is C4-C12.

Note: TPH quantitated against gasoline.

Note: MTBE not included in TPH result.

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director

MSD #6
21931-4.xls
MN/jgt/mb/bm



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-4
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-7
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		87

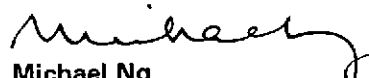
ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

- Note: Analyzed by GC/MS Combination.
- Note: Extracted by EPA 3510 on 11/14/00.
- Note: Analytical range is C8-C40.
- Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director

MSD #9
21931-4t.xls
MN/jgt/dz/pf/td



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-5
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-8
Analyzed: 11/17/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	ND
Percent Surrogate Recovery		102

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by EPA 8260 and GC/MS Combination.

Note: Analytical range is C4-C12.

Note: TPH quantitated against gasoline.

Note: MTBE not included in TPH result.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #6
21931-5.xls
MN/jgt/mb/yl



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-5
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-8
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		61

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by GC/MS Combination.

Note: Extracted by EPA 3510 on 11/14/00.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #9
21931-5t.xls
MN/jgt/dz/pf/td



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-6
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-9
Analyzed: 11/17/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	1.4
Percent Surrogate Recovery		102

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons (C4-C12)	50.	190.
BTX as a Percent of Fuel		N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by EPA 8260 and GC/MS Combination.

Note: Analytical range is C4-C12.

Note: TPH quantitated against gasoline.

Note: MTBE not included in TPH result.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #6
21931-6.xls
MN/jgt/mb/yl



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-6
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
MW-9
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
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TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		86

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by GC/MS Combination.

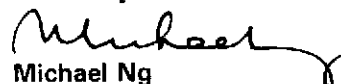
Note: Extracted by EPA 3510 on 11/14/00.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

MSD #9
21931-6t.xls
MN/jgt/dz/pf/td

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-10
Collected: 11/08/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
EW-1
Analyzed: 11/17/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	2.1
Percent Surrogate Recovery		103

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons (C4-C12) 50. 1200.

BTX as a Percent of Fuel N/A

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by EPA 8260 and GC/MS Combination.

Note: Analytical range is C4-C12.

Note: TPH quantitated against gasoline.

Note: MTBE not included in TPH result.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #6
21931-10.xls
MN/jgt/mb/yl



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-10
Collected: 11/08/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.03054300
Collected by: Hector Merino

Sample Description:
EW-1
Analyzed: 11/15/00
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C16-C34)	100.	5100.
Percent Surrogate Recovery		75

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

- Note: Analyzed by GC/MS Combination.
- Note: Extracted by EPA 3510 on 11/14/00.
- Note: Analytical range is C8-C40.
- Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #9
2193110t.xls
MN/jgt/dz/pf/td



REPORT OF ANALYTICAL RESULTS

Client: David Bero
IT Corporation
4005 Port Chicago Hwy.
Concord, CA 94520

Lab Number: 21931-9
Collected: 11/07/00
Received: 11/10/00
Matrix: Aqueous

Project: Sears / Telegraph #1058
Project Number: 803685.030543
Collected by: Hector Merino

Sample Description:
DUP
Analyzed: 11/17/00
Method: EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Percent Surrogate Recovery		102

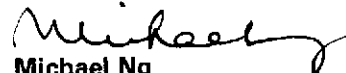
ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

*PQL - Practical Quantitation Limit

**Results listed as ND would have been reported if present at or above the listed PQL.

MSD #6
21931-9.xls
MN/jgt/mb/bm

Submitted by,
ZymaX envirotechnology, inc.


Michael Ng
Assistant Lab Director

