



R02600

May 21, 2002

Mr. Amir Gholami  
Hazardous Materials Specialist  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway, Number 250  
Alameda, California 94502

✓ 1072

Case 1072

RE: 2001 Fourth Quarter Groundwater Monitoring  
Former Sears Retail Center #1058  
2633 Telegraph Avenue  
Oakland, California  
Case I.D. #STID 1082  
For Sears, Roebuck & Co.

Neuhm 2  
6/3/02  
AB

Dear Mr. Gholami

Submitted with this letter is an ~~IT Corporation report~~ prepared on behalf of Sears, Roebuck & Co. Presented in the report are results of groundwater monitoring conducted at the above-referenced site during the Fourth Quarter 2001. URS has replaced IT Corporation as the environmental consultant for the site. Please send a copy all future correspondence to my attention. Quarterly groundwater monitoring will continue within the current scope of work. Please feel free to contact me at 714.648-2793 if you have questions or comments.

Respectfully Submitted,  
URS CORPORATION

J.S. Rowlands, R.G., C.HG.  
Project Manager

cc: Mr. Scott DeMuth, Sears Roebuck and Co.  
Mr. Ryan Hartley, URS Corporation



**IT Corporation**

4005 Port Chicago Highway

Concord, CA 94520-1120

Tel. 925.288.9898

Fax. 925.288.0888

A Member of The IT Group

February 21, 2002

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 2001, Groundwater Monitoring and Sampling Report  
Former Sears Auto Center No. 1058, 2600 Telegraph Avenue, Oakland, California  
IT Corporation Project 823291

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 1, 2001. 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 dissolved total petroleum hydrocarbons as gasoline (TPH-g), methyl tert-butyl ether (MTBE), and benzene, toluene, ethylbenzene, and xylenes (BTEX) using Environmental Protection Agency (EPA) Method 8260 and GC/MS Combination, and for total extractable petroleum hydrocarbons as motor oil (TPH-mo) using CG/MS Combination.

Static groundwater levels for the fourth quarter 2001 ranged from 12.86 to 16.40 feet above mean sea level (approximately 10.6 to 12.7 feet below top of casing). Groundwater elevations have decreased by approximately 0.05 foot since third quarter 2001 (July 23, 2001). ~~The apparent groundwater flow is to the south at an average hydraulic gradient of 0.03 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 3.8 micrograms per liter reported in upgradient well MW-5. Monitoring wells MW-1, MW-3, MW-9, and EW-1 contained dissolved TPH-g, and wells MW-1, MW-2, 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) prior to the year 2001, the thickness of SPPH in MW-3 had 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 year 2000 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. The SPPH in MW-3 has decreased to below measurable thickness during the last five quarters, including the current quarter of a low seasonal groundwater level.

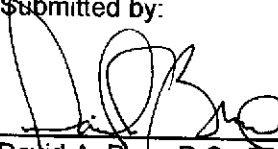
The IT *Interim Remedial Action Progress Report* (September 1, 1999) stated that if no measurable thickness of SPPH was found in MW-3 in two subsequent quarterly monitoring and sampling events, low-risk classification and closure/no further action status would be requested for the site. Therefore, a low-risk classification and closure/no further action status was requested for this site in the June 4, 2001 quarterly report because no measurable thickness of SPPH had been found during three previous quarters.

In a letter dated July 24, 2001, Alameda County Environmental Health Care Services Agency (the Agency) stated that the site cannot be considered low risk at this time. However, the Agency decided that ~~"wells, which have historically and consistently revealed nondetectable or minute concentrations of the contaminants," need no further analysis. Four wells, MW-2, MW-6, MW-7, and MW-8 meet these criteria.~~ Unless notified otherwise by the Agency, quarterly collection and analysis of water samples from these four wells will be being discontinued effective first quarter 2002. All wells will continue to be gauged quarterly to provide data for construction of groundwater gradient maps.

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


Sincerely,  
IT CORPORATION

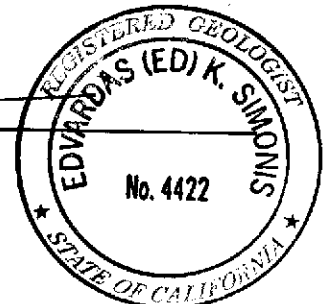
Submitted by:

  
\_\_\_\_\_  
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.  
IT Corporation Central Files  
Project File

DRAWING NUMBER 803685-A7

APPROVED BY

CHECKED BY

DRAWN BY RB

OFFICE Concord

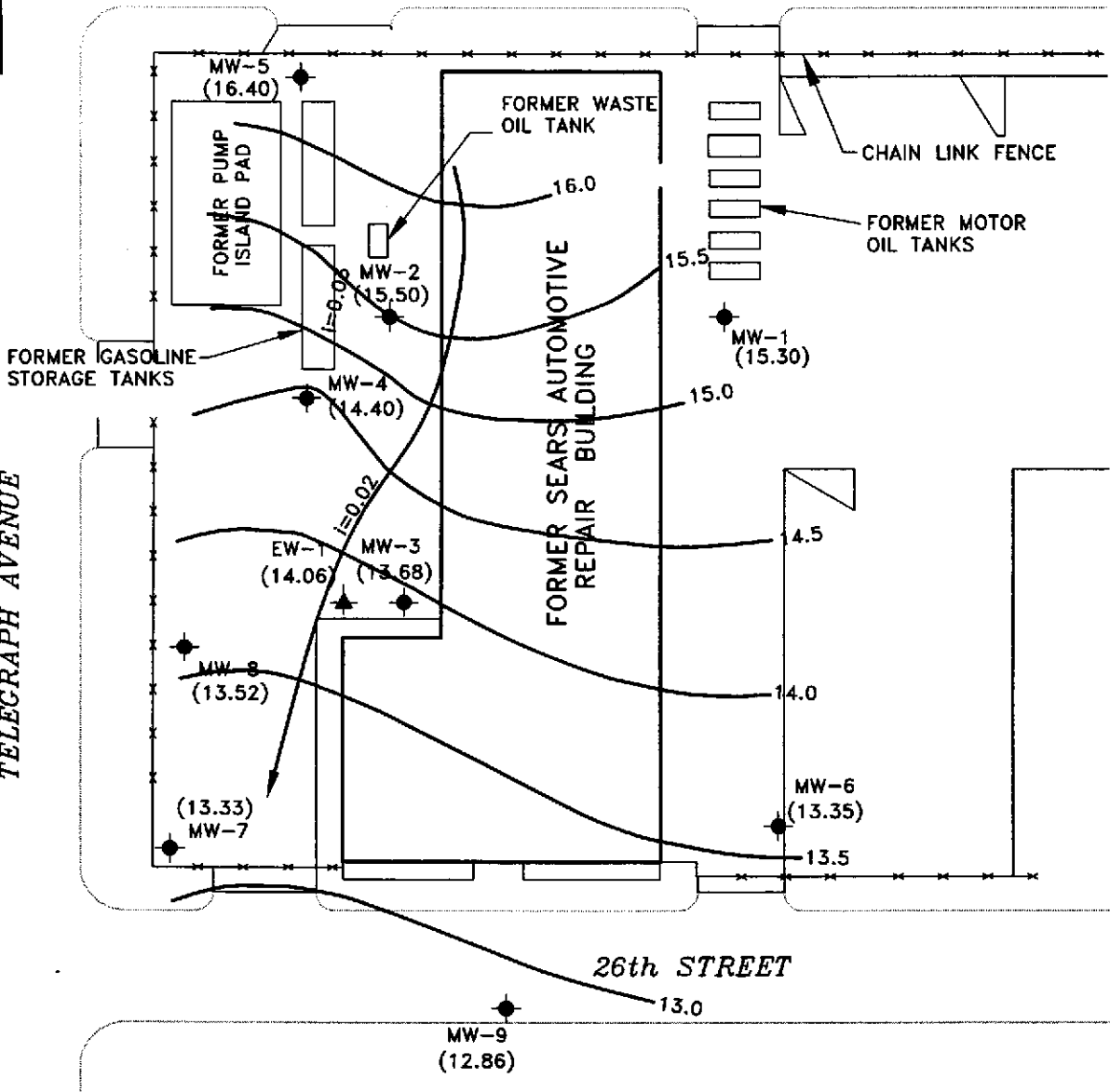
X-REF



TELEGRAPH AVENUE

27th STREET

26th STREET



LEGEND

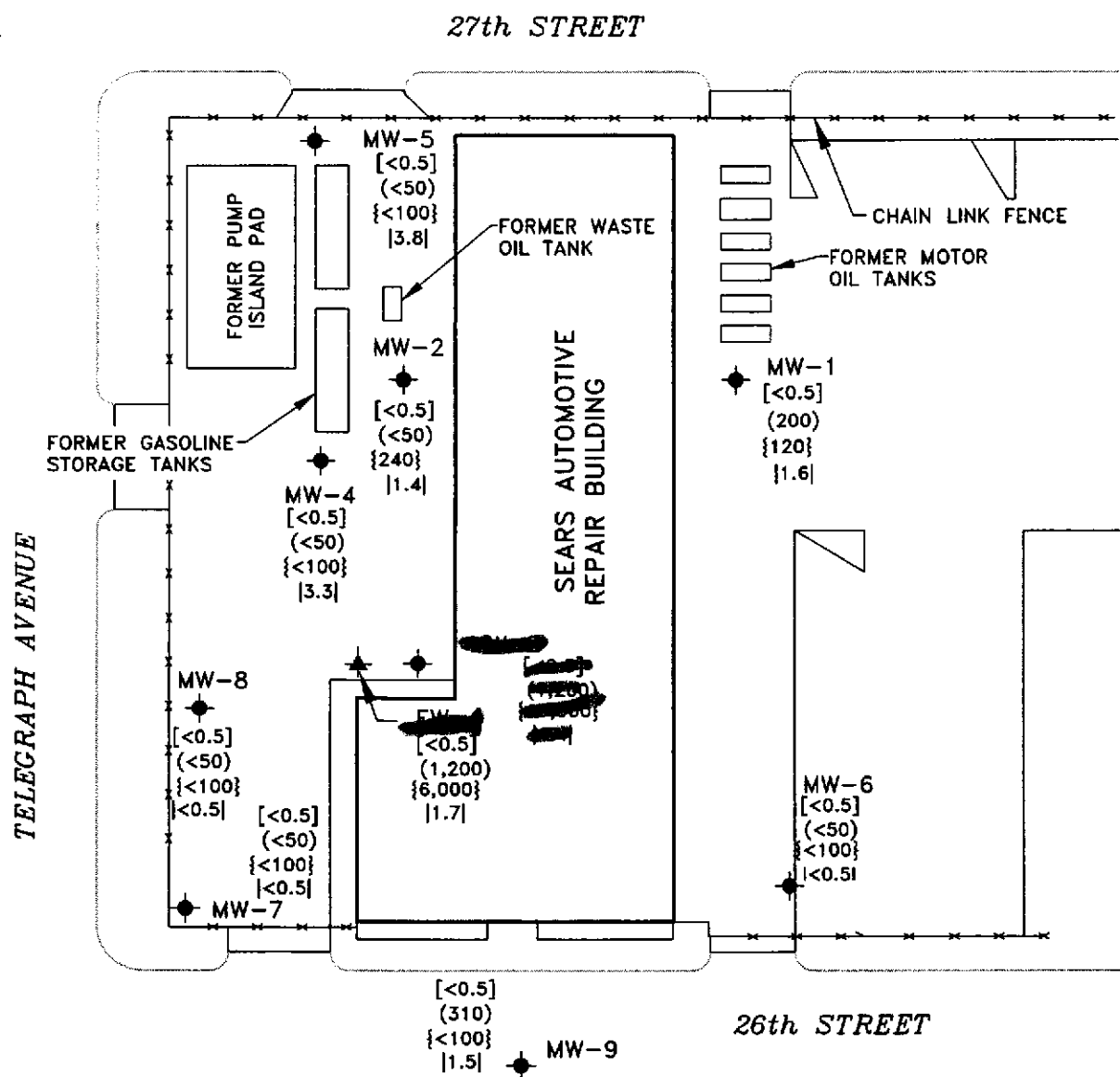
- MONITORING WELL
- EXTRACTION WELL
- POTENTIOMETRIC SURFACE ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- ANOMALOUS DATA
- POTENTIOMETRIC SURFACE CONTOUR; INTERVAL = 0.5 FOOT
- ESTIMATED GROUNDWATER FLOW DIRECTION AND HYDRAULIC GRADIENT



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

FIGURE 1  
POTENTIOMETRIC SURFACE MAP  
(GAUGED 11/01/01)

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	Concord	RB	12/17/01		803685-A8



**LEGEND**

- ◆ MONITORING WELL
- ▲ EXTRACTION WELL
- [ ] BENZENE CONCENTRATIONS [ug/l]
- ( ) TPH AS GASOLINE (ug/l)
- { } TPH AS MOTOR OIL {ug/l}
- | | METHYL TERT-BUTYL ETHER (MTBE) [ug/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 GROUNDWATER SAMPLED  
 11/01/01

**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			

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Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-1 (Continued)		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
		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
		02/15/2001	9.40	—	—	16.80
04/26/2001	10.43	—	—	15.77		
07/23/2001	11.27	—	—	14.93		
11/01/2001	10.90	—	—	15.30		
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		

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

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 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-2 (Continued)		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	-	-	15.18
		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
		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	



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Sears Store 1058  
 2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-2 (Continued)		11/07/2000	10.74	-	-	15.76
		02/15/2001	10.16	-	-	16.34
		04/27/2001**	10.60	-	-	15.90
		07/23/2001	11.00	-	-	15.50
		11/01/2001	11.00	-	-	15.50
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		

**TABLE 1**  
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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-3 (Continued)		10/20/1995	12.86	12.03	0.03	13.48
		11/15/1995	12.81	12.74	0.07	13.53
		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
		02/15/2001	11.61	-	-	14.73
		04/26/2001	12.06	-	Sheen	14.28
07/23/2001	12.60	-	-	13.74		
11/01/2001	12.66	-	-	13.68		
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

**TABLE 1**  
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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-4 (Continued)		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
		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	

**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 (Continued)		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
		02/15/2001	10.98	-	-	15.19
		04/26/2001	11.35	-	-	14.82
		07/23/2001	11.79	-	-	14.38
		11/01/2001	11.77	-	-	14.40
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		
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		

**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 (Continued)		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
		02/15/2001	9.77	-	-	17.21
	04/26/2001	10.17	-	-	16.81	
	07/23/2001	10.64	-	-	16.34	
	11/01/2001	10.58	-	-	16.40	

**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	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
		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		

**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 (Continued)		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
		02/15/2001	9.66	--	--	14.66
		04/26/2001	10.40	--	--	13.92
		07/23/2001	11.00	--	--	13.32
		11/01/2001	10.97	--	--	13.35
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
		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		

**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 (Continued)		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
		02/15/2001	10.56	--	--	14.32
		04/26/2001	10.95	--	--	13.93
		07/23/2001	11.50	--	--	13.38
11/01/2001	11.55	--	--	13.33		
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



**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 (Continued)		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
		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	
	02/15/2001	11.40	--	--	14.72	
	04/26/2001	11.93	--	--	14.19	
	07/23/2001	12.55	--	--	13.57	
	11/01/2001	12.60	--	--	13.52	
MW-9		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	

**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
		11/07/2000	11.56	--	--	13.47
		02/15/2001	10.95	--	--	14.08
		04/26/2001	11.52	--	--	13.51
		07/23/2001	12.09	--	--	12.94
		11/01/2001	12.17	--	--	12.86
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	--	--	N/A
		10/26/1999	13.00	--	--	13.89
		02/25/2000	11.41	--	--	13.80
		05/03/2000	12.36	--	--	15.39
		08/02/2000	12.51	--	--	14.44
		11/07/2000	12.27	--	--	14.29
		02/15/2001	11.66	--	--	14.53
		04/06/2001	12.12	--	--	15.14
		07/23/2001	12.59	--	--	14.68
		11/01/2001	12.74	--	--	14.21
				--	--	14.06

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
- \*\* = Gauged and sampled one day after other wells

**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	-	<sup>e</sup> <250	--	--	--
	12/01/94	0.4	0.4	<0.3	6.6	-	<sup>e</sup> <250	--	--	--
	03/08/95	<0.3	0.6	4.7	2.7	-	<sup>e</sup> <250	--	--	--
	06/09/95	<0.3	1.4	3.9	5.6	-	<sup>e</sup> <250	--	--	--
	08/29/95	0.3	0.9	<0.5	2.8	-	<sup>e</sup> <250	--	--	--
	11/15/95	<0.5	<0.5	<1.0	27	-	<sup>e</sup> <200	--	--	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	-	<sup>e</sup> <200	--	--	--
	06/03/96	<0.5	<1.0	3.7	3.4	340	<sup>e</sup> <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	<sup>e</sup> <200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	4.5	390	<sup>e</sup> <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	--	--	6.0
	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	--	--	6.7
	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
	02/15/01	<0.5	<0.5	<0.5	<0.5	350	200	--	--	1.0
	04/26/01	<0.5	<0.5	<0.5	<0.5	310	200	--	--	1.5
	07/23/01	<0.5	<0.5	<0.5	<0.5	180	<100	--	--	1.7
	11/01/01	<0.5	<0.5	<0.5	<0.5	200	120	--	--	1.6

**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
MV-2	12/30/92	0.7	<0.3	<0.3	3	190	--	1	<sup>a</sup> ND	--
	03/24/93	0.6	<0.3	<0.3	2	120	--	<1	<sup>a</sup> ND	--
	06/21/93	0.3	<0.3	<0.3	0.7	82	**<100	--	<sup>c</sup> ND	--
	09/16/93	<0.3	<0.3	<0.3	<0.5	28	**<100	--	<sup>c</sup> ND	--
	12/01/93	<0.3	<0.3	<0.3	1	68	--	--	<sup>c</sup> 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	<sup>e</sup> <250	--	<sup>d</sup> 15	--
	12/01/94	<0.3	<0.3	<0.3	<0.5	54	<sup>f</sup> 1,300	--	<sup>d</sup> 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	--	<sup>h</sup> 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	--	--	--
	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
	02/15/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.0
	04/27/01	<0.5	<0.5	<0.5	<0.5	<50	340	--	--	0.6
	07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.2
	11/01/01	<0.5	<0.5	<0.5	<0.5	<50	240	--	--	1.4

**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-3	12/30/92	11	0.9	<0.3	2	910	SPH	20	<sup>a</sup> ND	--	
	03/24/93	28	0.7	1	8	3,300	SPH	28	<sup>a</sup> *15	--	
	06/21/93	21	5	2	19	**2,600	32,000	26	<sup>c</sup> <5	--	
	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	<sup>a</sup> 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	--	--	SPH	
	11/28/97	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	<30
	02/12/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	05/20/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	08/11/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--	SPH
	11/10/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	02/11/99	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	05/11/99	5.2	<0.5	<0.5	<0.5	<0.5	530	59,000	--	--	<2.0
08/10/99	<0.5	<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	SPH	
02/25/00	<5.0	<5.0	<5.0	<5.0	<5.0	7,800	130,000	--	--	20	
05/03/00	<0.5	<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	<0.5	1,100	13,000	--	--	1.6	
02/15/01	<0.5	<0.5	<0.5	<0.5	<0.5	430	73,000	--	--	0.7	
04/26/01	<0.5	<0.5	<0.5	<0.5	<0.5	4,100	110,000	--	--	1.4	
07/23/01	<0.5	<0.5	<0.5	<0.5	<0.5	1,200	64,000	--	--	1.7	
11/01/01	<0.5	<0.5	<0.5	<0.5	<0.5	1,200	19,000	--	--	1.4	
MW-4	12/30/92	2	<0.3	1	<0.5	1,200	--	<1	<sup>a</sup> ND	--	
	03/24/93	<0.3	<0.3	<0.3	<0.5	750	--	2	<sup>a</sup> *7	--	
	06/21/93	<0.3	2	<0.3	0.5	660	19,000	--	<sup>a</sup> ND	--	
	09/16/93	0.3	<0.3	2	3	410	2,500	--	<sup>a</sup> ND	--	
	12/01/93	<0.3	<0.3	<0.3	<0.5	150	390	--	<sup>a</sup> ND	--	
	03/09/94	0.7	0.8	2	3.6	1,500	780	--	<sup>a</sup> 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	--	<sup>a</sup> <5	--	
	03/08/95	<0.3	<0.3	<0.3	<0.5	360	1,000	--	<sup>a</sup> <5	--	
	06/09/95	<0.3	0.4	<0.3	<0.5	64	1,100	--	<sup>a</sup> <5	--	

**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 continued	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	1,200	--	<sup>a</sup> <5	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	2,100	--	<sup>a</sup> ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	590	--	<sup>a</sup> 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 <sup>1</sup>
	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	
02/15/01	<0.5/<0.5 <sup>1</sup>	<0.5/<0.5 <sup>1</sup>	<0.5/<0.5 <sup>1</sup>	<0.5/<0.5 <sup>1</sup>	<50	<100	--	--	2.4	
04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.8	
07/23/01	<0.5/<0.5 <sup>1</sup>	<0.5/<0.5 <sup>1</sup>	<0.5/<0.5 <sup>1</sup>	<0.5/<0.5 <sup>1</sup>	<50	<100	--	--	2.5	
11/01/01	<0.5/<0.5 <sup>1</sup>	<0.5/<0.5 <sup>1</sup>	<0.5/<0.5 <sup>1</sup>	<0.5/<0.5 <sup>1</sup>	<50	<100	--	--	3.3	
MW-5	12/30/92	<0.3	<0.3	<0.3	<0.5	37	--	<1	<sup>c</sup> 5	--
	03/24/93	<0.3	<0.3	<0.3	0.5	19	--	2	<sup>c</sup> 341	--
	06/21/93	<0.3	<0.3	<0.3	<0.5	<10	<100	--	<sup>c</sup> ND	--
	09/16/93	0.3	<0.3	<0.3	1	<10	<100	--	<sup>c</sup> ND	--
	12/01/93	<0.3	<0.3	<0.3	1	17	--	--	<sup>c</sup> ND	--
	12/30/93	--	--	--	--	--	<100	--	--	--
	03/09/94	<0.3	<0.3	<0.3	<0.5	22	<100	--	<sup>c</sup> 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	--	<sup>d</sup> 7	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	<sup>b</sup> 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	
02/12/98	<0.5	<0.5	<0.5	<0.5	<50	<200	--	--	<5	

**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-5 (Continued)	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
	02/15/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	3.1
	04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.4
	07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	3.5
11/01/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	3.8	
MW-6	12/27/93	<0.3	<0.3	<0.3	<0.5	<10	<100	<1	<sup>67</sup> 0	--
	03/09/94	<0.3	<0.3	<0.3	<0.5	15	<100	--	<sup>67</sup> ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	<100	--	<sup>67</sup> D	--
	09/27/94	<0.3	<0.3	<0.3	<0.5	<10	<250	--	<sup>68</sup> 8	--
	12/01/94	<0.3	<0.3	<0.3	<0.5	<10	<250	--	<sup>32</sup> 2	--
	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	--	<sup>24</sup> h	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	--	<sup>31</sup> 3	--
	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
	02/15/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	
11/01/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5	

**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-7	12/27/93	<0.3	<0.3	1	2	140	<100	<1	<sup>a</sup> 40	--	
	03/09/94	<0.3	<1.0	1.5	4.1	620	<100	--	<sup>c</sup> 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	<sup>e</sup> <250	--	ND	--	
	12/01/94	<0.3	<0.3	<0.3	1.1	<10	<sup>e</sup> <250	--	<sup>b</sup> 28	--	
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	<sup>e</sup> <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	--	<sup>h</sup> 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	
	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	<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	NS
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<50	<100	--	--	<0.5
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<50	<100	--	--	<0.5
08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<50	<100	--	--	<0.5	
11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<50	<100	--	--	<0.5	
02/15/01	<0.5	<0.5	<0.5	<0.5	<50	<50	<100	--	--	<0.5	
04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<50	<100	--	--	<0.5	
07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<50	<100	--	--	0.5	
11/01/01	<0.5	<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	<sup>h</sup> 18	--	
	03/09/94	0.6	0.8	0.5	1.5	420	<100	--	<sup>a</sup> 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	<sup>e</sup> <250	--	<sup>d</sup> 9	--	
	12/01/94	5.4	<0.3	0.7	1.3	230	<sup>e</sup> <250	--	<sup>c</sup> ND	--	
	03/08/95	<0.3	<0.3	<0.3	<0.5	230	<sup>e</sup> <250	--	ND	--	
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<sup>e</sup> <250	--	ND	--	
	08/29/95	0.9	0.4	<0.3	0.8	200	<sup>e</sup> <250	--	<sup>h</sup> 15	--	
	11/15/95	0.58	<0.5	<0.5	0.54	120	--	--	<sup>g</sup> 21	--	
	12/11/95	--	--	--	--	--	<sup>e</sup> <200	--	--	--	
	03/05/96	0.6	<1.0	<1.0	<2.0	<100	<sup>e</sup> <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		



**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-8 (Continued)	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
	02/15/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
11/01/01	<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
	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	190	<100	--	--	1.4
	02/15/01	<0.5	<0.5	<0.5	<0.5	110	<100	--	--	1.4
04/26/01	<0.5	<0.5	<0.5	<0.5	150	<100	--	--	1.6	
07/23/01	<0.5	<0.5	<0.5	<0.5	140	<100	--	--	1.6	
11/01/01	<0.5	<0.5	<0.5	<0.5	310	<100	--	--	1.5	
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	--	--	5.0
	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

**TABLE 2**  
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 (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
EW-1 (continued)	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
	02/15/01	<0.5	<0.5	<0.5	<0.5	1,100	11,000	--	--	2.0
	04/26/01	<0.5/ <sup>i</sup> <0.5 <sup>i</sup>	<0.5/ <sup>i</sup> <0.5 <sup>i</sup>	<0.5/ <sup>i</sup> <0.5 <sup>i</sup>	<0.5/ <sup>i</sup> <0.5 <sup>i</sup>	1,600	6,600	--	--	2.3
	07/23/01	<0.5	<0.5	<0.5	<0.5	930	15,000	--	--	1.8
	11/01/01	<0.5	<0.5	<0.5	<0.5	1200	6,000	--	--	1.7

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.

**SITE VISIT FORM**  
IT Corporation - Concord, California

Project: 823291.03051300

Technician: Hector Merino

Site: SEARS/1058/Oakland, CA

Schedule: Nov. 1, 2001 ✓

Project Manager: David Bero

Site Mgr:

**PREPARATORY COMMENTS**

Visit Date: 11/1/01 Time of: \_\_\_\_\_ Arrival \_\_\_\_\_ Departure \_\_\_\_\_

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

Called PM? Y/N Time: \_\_\_\_\_ Who/Topic: \_\_\_\_\_

Are you in possession of a health and safety plan? Y N

COC: Complete with store #, site address and proj. office address? Y N

**GROUNDWATER SAMPLING - Task Nr: 03051300 [Quarterly]**

SITE ADDRESS: 2633 Telegraph Avenue, Oakland, CA

cc: David Bero

Notify Amir Gholami 72 hrs. in advance (510) 567-6876

DONE: 10/29/01  
left message  
@ 12:40

During any sampling activities, a minimum work zone will be defined by a 10ft by 10-ft 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.

1) Monitor and sample ten (10) wells 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 BAILER. Collect two (2) 40ml, HCL-preserved VOAs from on site wells.

2) Purge each well of 3 well volumes or until dry. Record DTW, DTP, pH, temperature, conductivity and dissolved oxygen data. NOTE: Recharge DTW.

3) Collect one trip blank and one duplicate from MW-4 and submit for BTEX (EPA 8260). Must use lab trip blank (Zymax).

4) Make a complete drum count and note the general condition of the site, wells and drums. Check with owner if drums can be left in corner. Keep drum area tidy. Label drums properly.

**SITE VISIT FORM**  
**IT Corporation - Concord, California**

Project: 823291.03051300

Technician: Hector Merino

Site: SEARS/1058/Oakland, CA

Schedule: Nov. 1, 2001

Project Manager: David Bero

Site Mgr:

**GROUNDWATER SAMPLING (Continued) - Task Nr. 03051300 (Quarterly)**

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

6) COMPLETED ALL THREE PAGES OF DRUM/WASTE INVENTORY FORM? \_\_\_\_\_. IF NO EXPLAIN \_\_\_\_\_.

Hours Estimated	
	Hours Used

**FINAL CHECKS**

SITE SECURITY: wells/covers/gates ... secure? Y/N - If No, explain.

WASTE COMPLIANCE: # of drums: 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

Travel Time Estimated:	Travel Time Used:
On Site Time Estimated:	On Site Time Used:

**SITE VISIT FORM**  
IT Corporation

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

Technician: Hector Merino  
Schedule: 11/1/01  
Job No. 823291.03051300

**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>10.90</u>	SAT. THICK ___	#GAL. BAILED ___
MW-2:	DTB_21.79	DTW <u>11.00</u>	SAT. THICK ___	#GAL. BAILED ___
MW-3:	DTB_24.67	DTW <u>12.66</u>	SAT. THICK ___	#GAL. BAILED ___
MW-4:	DTB_22.97	DTW <u>11.77</u>	SAT. THICK ___	#GAL. BAILED ___
MW-5:	DTB_25.27	DTW <u>10.58</u>	SAT. THICK ___	#GAL. BAILED ___
MW-6:	DTB_22.05	DTW <u>10.97</u>	SAT. THICK ___	#GAL. BAILED ___
MW-7:	DTB_21.70	DTW <u>11.55</u>	SAT. THICK ___	#GAL. BAILED ___
MW-8:	DTB_22.14	DTW <u>12.60</u>	SAT. THICK ___	#GAL. BAILED ___
MW-9:	DTB_20.30	DTW <u>12.17</u>	SAT. THICK ___	#GAL. BAILED ___
EW-1	DTB_22.30	DTW <u>12.74</u>	SAT. THICK ___	#GAL. BAILED ___

NOTES: Open Measured DO in all wells, then gauged wells for DTW

HOURS ESTIMATED:

HOURS USED:

FINAL CHECKS

Are Wells Locked?  YES  NO Why Not?

Are Manholes Bolted Down?  YES  NO Why Not?

Blots Missing Well Box Nuts stripped

DRUMMED MATERIAL INVENTORY FORM

Store Number 1058 Address/City/State/ZIP 2633 Telegraph Ave Oakland Ca.  
 Sears Facility Contact and Phone # N/A (site is a KOREAN RESTURANT)  
 IT Corporation Representative Heather Marino  
 Accumulation Start Date 11-1-01 Completion Date: 11-1-01  
 Exact Drum Storage Location BEHIND BUILDING NEXT TO FENCE  
BETWEEN 27TH/26TH ST.

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	2	A,B	Ⓞ 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 1058 Address/City/State/ZIP 2633 TELEGRAPH AVE OAKLAND Ca.  
 Sears Facility Contact and Phone # NA (site IS A KOREAN RESTURANT)  
 IT Corporation Representative Hector Merino  
 Accumulation Start Date 11-1-01 Completion Date 11-1-01  
 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 \_\_\_\_\_  $\div 2 \div 27 =$  \_\_\_\_\_ Yds<sup>3</sup>

Calculation for a rectangular or square shaped soil pile:

Length \_\_\_\_\_ X Width \_\_\_\_\_ X Height \_\_\_\_\_  $\div 27 =$  \_\_\_\_\_ Yds<sup>3</sup>

Calculation for a conical (cone) shaped soil pile:

.04 X Radius \_\_\_\_\_ X Radius \_\_\_\_\_ X Height \_\_\_\_\_  $=$  \_\_\_\_\_ Yds<sup>3</sup>



Project Name: Sears / #1058/Oakland, CA  
 Site Address: 2633 Telegraph Ave., Oakland  
 Project Number: 823291.03051300

Date: 11-1-01  
 Page      of       
 Project Manager: David Bero

Well ID: MW-1  
 Well Diameter: 2

DTW Measurements:  
 Initial: 10.90  
 Recharge:       
 DTB: 21.72  
 Calc Well Volume: 1.7 gal  
 Well Volume: X3 5.2 gal

Purge Method      Pump Depth      ft. Instruments Used  
 Peristaltic      Hand Bailed      YSI: X Other:       
 Gear Drive      Air Lift      Hydac:       
 Submersible X Other      Omega:     

Time	Temp <u>C</u> <u>F</u>	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
21.9		0.72	6.28	.92	1	cloudy	
21.4		0.60	6.37	/	2		
22.2		0.60	6.35		3		
22.8		0.60	6.31		4		
23.1		0.59	6.27		5		
23.3		0.59	6.24		6		
23.3		0.60	6.23		7		
23.4		0.60	6.22		8		



Project Name: Sears / #1058/Oakland, CA  
 Site Address: 2633 Telegraph Ave., Oakland  
 Project Number: 823291.03051300

Date: 11-1-01  
 Page      of       
 Project Manager: David Bero

Well ID: MW-3  
 Well Diameter: 2

DTW Measurements:  
 Initial: 12.66      Calc Well Volume: 1.9 gal  
 Recharge:           Well Volume: X358 gal  
 DTB: 24.67

Purge Method      Pump Depth      ft.      Instruments Used  
 Peristaltic           Hand Bailed           YSI: X      Other:       
 Gear Drive           Air Lift           Hydac:       
 Submersible X      Other           Omega:     

Time	Temp <u>X</u> C F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments	
21.0	0.77	6.49	.40	1	cloudy	odor / sheen		
21.0	0.75	6.47	/	2				
21.0	0.75	6.47		3				
21.2	0.81	6.49		4				
21.1	0.80	6.51		5				
21.1	0.80	6.49		6			✓	✓











Project Name: Sears / #1058/Oakland, CA  
 Site Address: 2633 Telegraph Ave., Oakland  
 Project Number: 823291.03051300

Date: 11-1-01  
 Page        of         
 Project Manager: David Bero

Well ID: MW-8  
 Well Diameter: 2

DTW Measurements:  
 Initial: 12.60  
 Recharge:         
 DTB: 22.14  
 Calc Well Volume: 1.5 gal  
 Well Volume: 3 4.6 gal

Purge Method      Pump Depth        ft.      Instruments Used  
 Peristaltic             Hand Bailed             YSI: X      Other:         
 Gear Drive             Air Lift             Hydac:         
 Submersible X      Other             Omega:       

Time	Temp <u>X</u> C F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
22.5	0.71	6.30	.65	1	cloudy		
22.1	0.75	6.39	/	2			
22.1	0.74	6.36		3			
22.1	0.75	6.36		4			
22.0	0.75	6.37		5			





report to <b>DAVID BERO</b>	phone <b>975 288 9898</b>	fax <b>975 288 0888</b>	ANALYSIS REQUESTED	Turnaround Time ASAP <input type="checkbox"/> 48 hr <input type="checkbox"/> 12 hr <input type="checkbox"/> 72 hr <input type="checkbox"/> 24 hr <input type="checkbox"/> std <input checked="" type="checkbox"/>
company <b>IT CORP</b>	project <b>Seas Telegraph # 108B</b>	project # <b>723291.03051300</b>		
address <b>4005 Portchicago Hwy Concord Ca. 94520</b>	sampler <b>Hector Merino</b>			

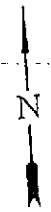
Zymax use only	SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	STEX 1002/1004-G	STEX 1002/1004-G	STEX 1002/1004-G	STEX 1002/1004-G	STEX 1002/1004-G	STEX 1002/1004-G	STEX 1002/1004-G	STEX 1002/1004-G	STEX 1002/1004-G	STEX 1002/1004-G	# of containers	Remarks
	MW-5	11-1-01	11:10	GW	Hel none	X	X									N	
	MW-6	11-1-01	11:45	GW	Hel none	X	X									N	
	MW-1	11-1-01	11:25	GW	Hel none	X	X									N	
	MW-7	11-1-01	13:10	GW	Hel none	X	X									N	
	MW-8	11-1-01	13:28	GW	Hel none	X	X									N	
	MW-9	11-1-01	11:59	GW	Hel none	X	X									3	
	MW-4	11-1-01	12:25	GW	Hel none	X	X									3	
	MW-2	11-1-01	14:45	GW	Hel none	X	X									3	
	DUP	11-1-01	12:25	GW	Hel none	X	X									2	

Comments	Relinquished by: Signature _____ Print <b>Hector Merino</b> Company <b>IT CORP</b> Date <b>11-1-01</b> Time _____	Received by: Signature _____ Print _____ Company _____ Date _____ Time _____
	Sample integrity upon receipt: Samples received intact <input type="checkbox"/> Samples received cold <input type="checkbox"/> Custody seals <input type="checkbox"/> Correct container types <input type="checkbox"/>	Bill 3rd Party: PO# _____ Quote yes no
		Received by Zymax envirotechnology inc: Signature _____ Print _____ Company _____ Date _____ Time _____

report to <b>DAVID BERO</b>	phone <b>(805) 544-9298</b>	fax <b>(805) 544-8226</b>	ANALYSIS REQUESTED						Turnaround Time	
company <b>IT CORP</b>	project <b>Sears Fleegarth #1058</b>		# of containers	ASAP <input type="checkbox"/> 48 hr <input type="checkbox"/>				12 hr <input type="checkbox"/> 72 hr <input type="checkbox"/>		
address <b>4005 Parkhicago Hwy Concord Ca. 94520</b>	project # <b>822291.03057300</b>			24 hr <input type="checkbox"/> stop <input checked="" type="checkbox"/>						
sample <b>Hecky Merino</b>			BTEX (8260) TPH MOTOR OIL POLYMER BTEX (8260)						Remarks	

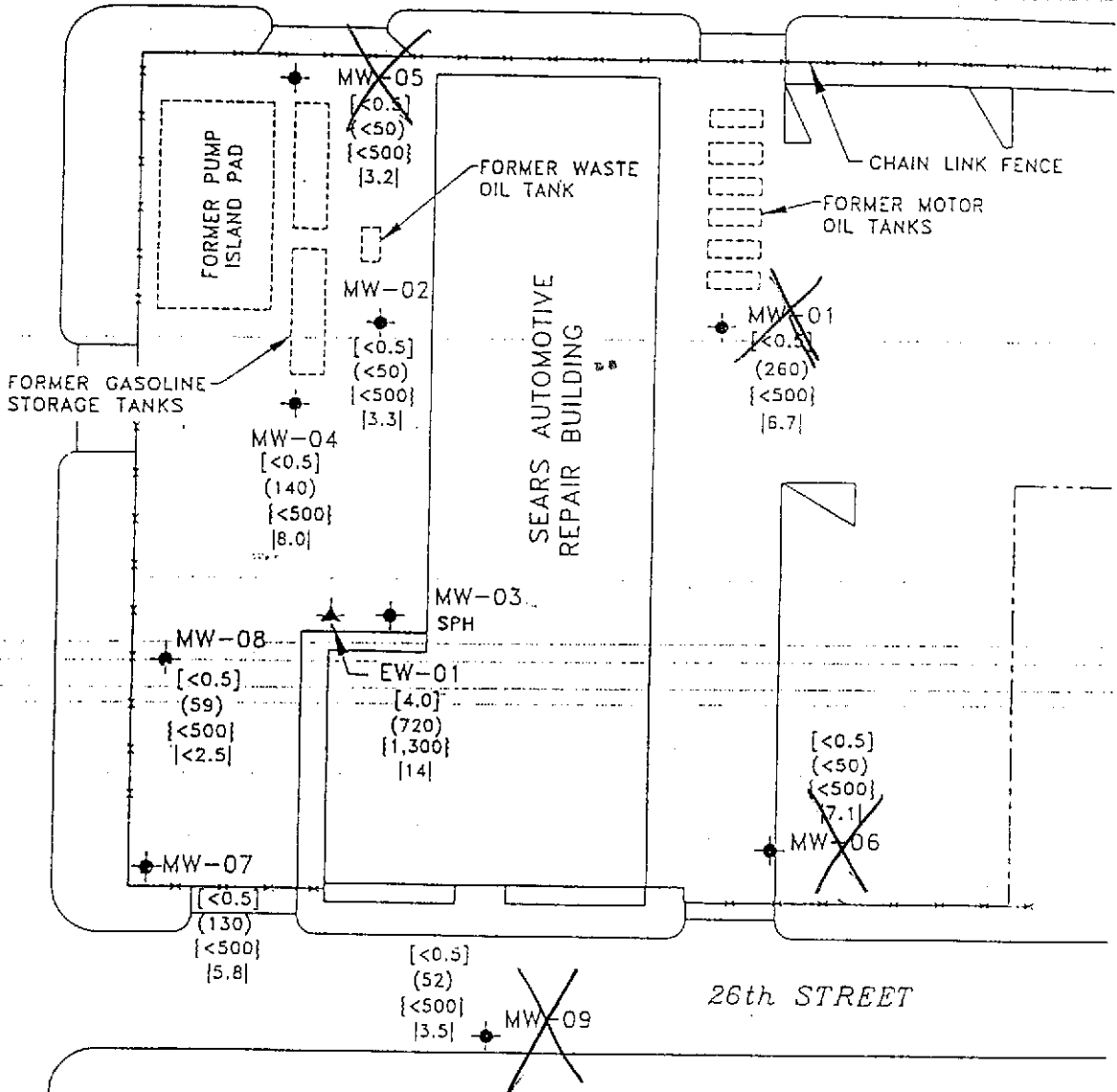
Zymax use only	SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	BTEX (8260)	TPH MOTOR OIL	POLYMER	BTEX (8260)	# of containers	Remarks
	EW-1	11-1-01	14:00	EW	Hecky	X	X			3	
	MW-3	11-1-01	14:15	EW	Hecky	X	X				
	TBLB							X			

Comments	Relinquished by:	Received by:
	Signature: _____ Print: <u>Hecky Merino</u> Company: <u>ITCORP</u> Date: <u>11-1-01</u> Time: _____	Signature: _____ Print: _____ Company: _____ Date: _____ Time: _____
Sample integrity upon receipt: <input type="checkbox"/> Samples received intact <input type="checkbox"/> Samples received cold <input type="checkbox"/> Custody seals <input type="checkbox"/> Correct container types	Bill 3rd Party:  PO# _____ Quote yes no	Relinquished by: Signature: _____ Print: _____ Company: _____ Date: _____ Time: _____
		Received by Zymax envirotechnology inc: Signature: _____ Print: _____ Company: _____ Date: _____ Time: _____



27th STREET

TELEGRAPH AVENUE



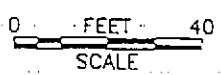
26th STREET

**LEGEND**

- MONITORING WELL
- ▲ EXTRACTION WELL
- [ ] BENZENE CONCENTRATIONS [ug/l]
- ( ) TPH-AS-GASOLINE (ug/l)
- { } TPH-AS-MOTOR OIL [ug/l]
- | | METHYL TERT-BUTYL ETHER (MTBE) [ug/L]  
(NOT CONFIRMED BY EPA METHOD 8260)
- SPH SEPARATE-PHASE HYDROCARBONS
- .NS NOT SAMPLED



IT CORPORATION



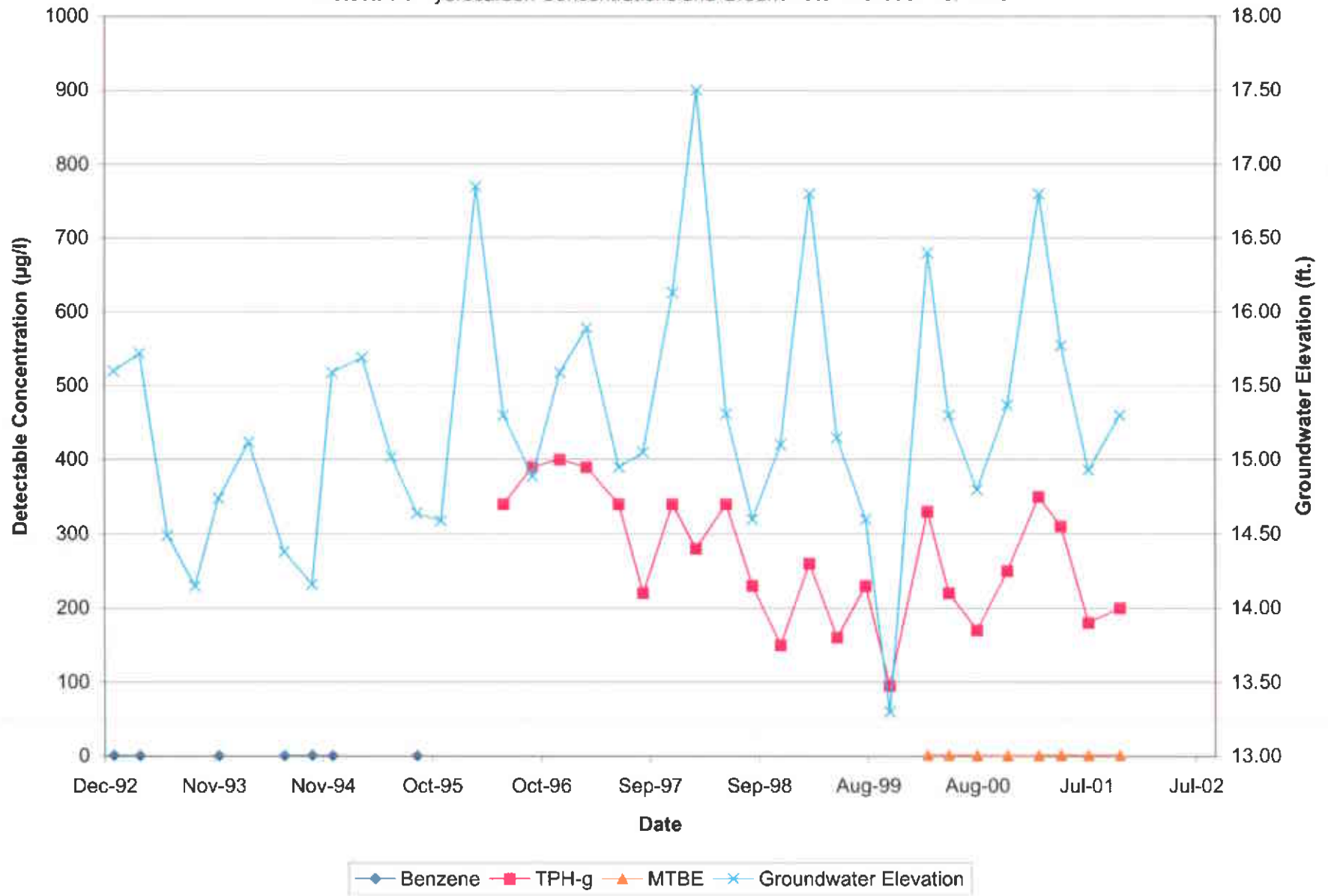
**CONCENTRATIONS OF BENZENE, TPH-AS GASOLINE, TPH-AS-MOTOR OIL & MTBE-IN-GROUNDWATER-SAMPLED (2/8-9/99)**

CLIENT: SEARS, ROEBUCK AND CO. SITE NO. 1058	FILE: BENNO299	PROJECT NO.: 1176603	PM	PE/RG
	REV.	FIGURE: 2		
LOCATION: 2600 TELEGRAPH AVENUE OAKLAND, CALIFORNIA	DES. BP	DET. DL	DATE: 3/9/99	



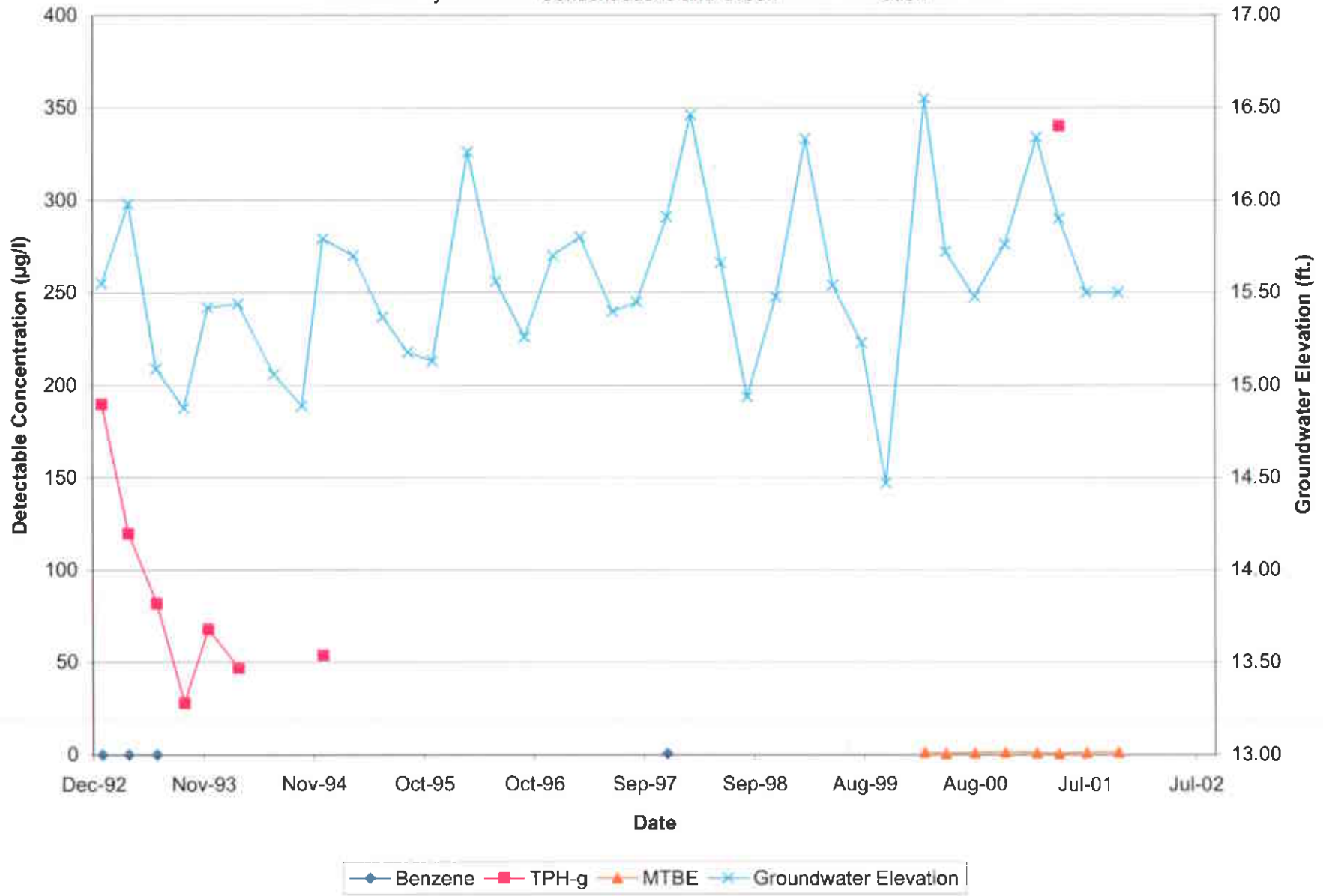
Graph 1, MW-1  
 Sears Store No. 1058, 2633 Telegraph Avenue  
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



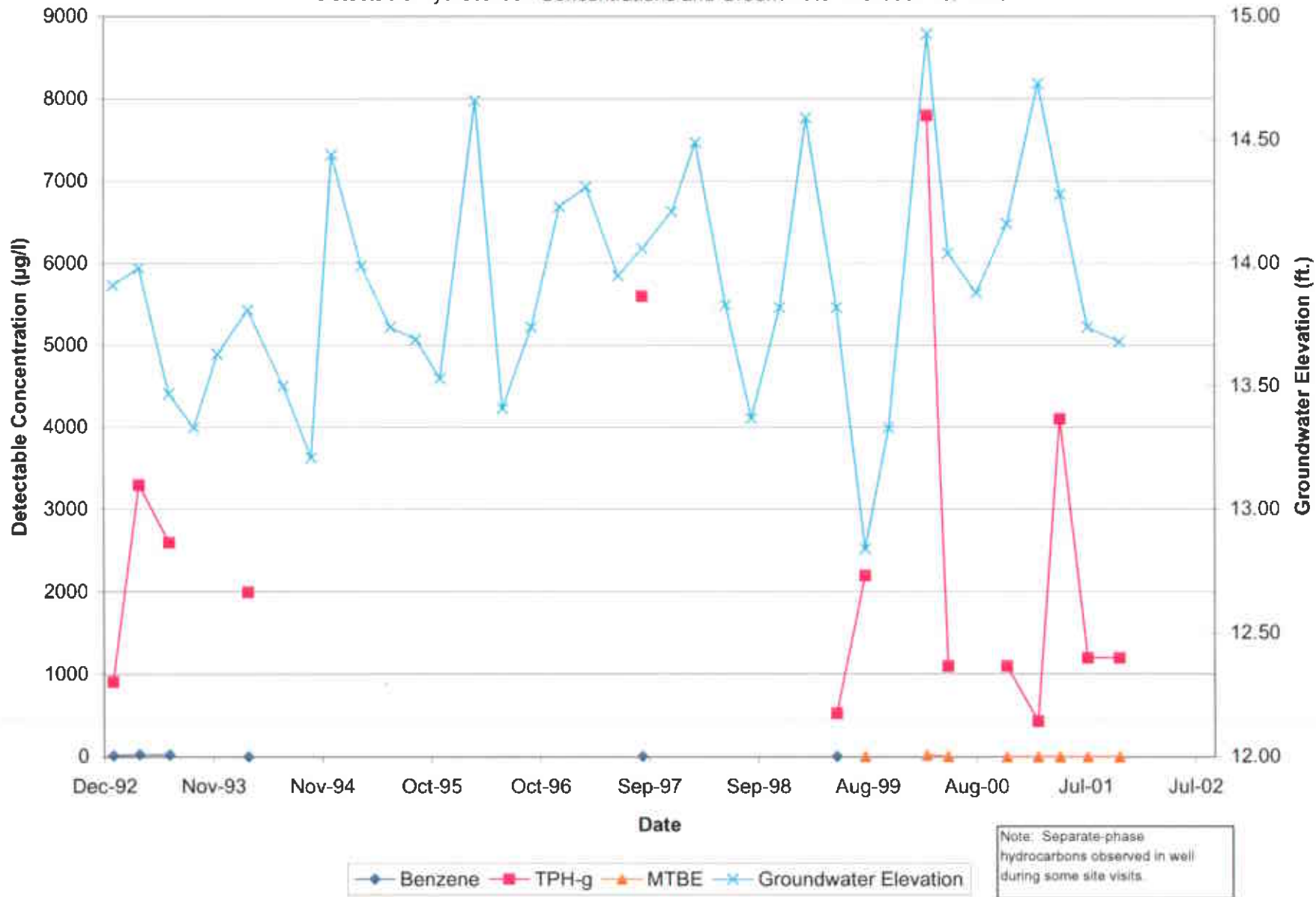
Graph 2, MW-2  
 Sears Store No. 1058, 2633 Telegraph Avenue  
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



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

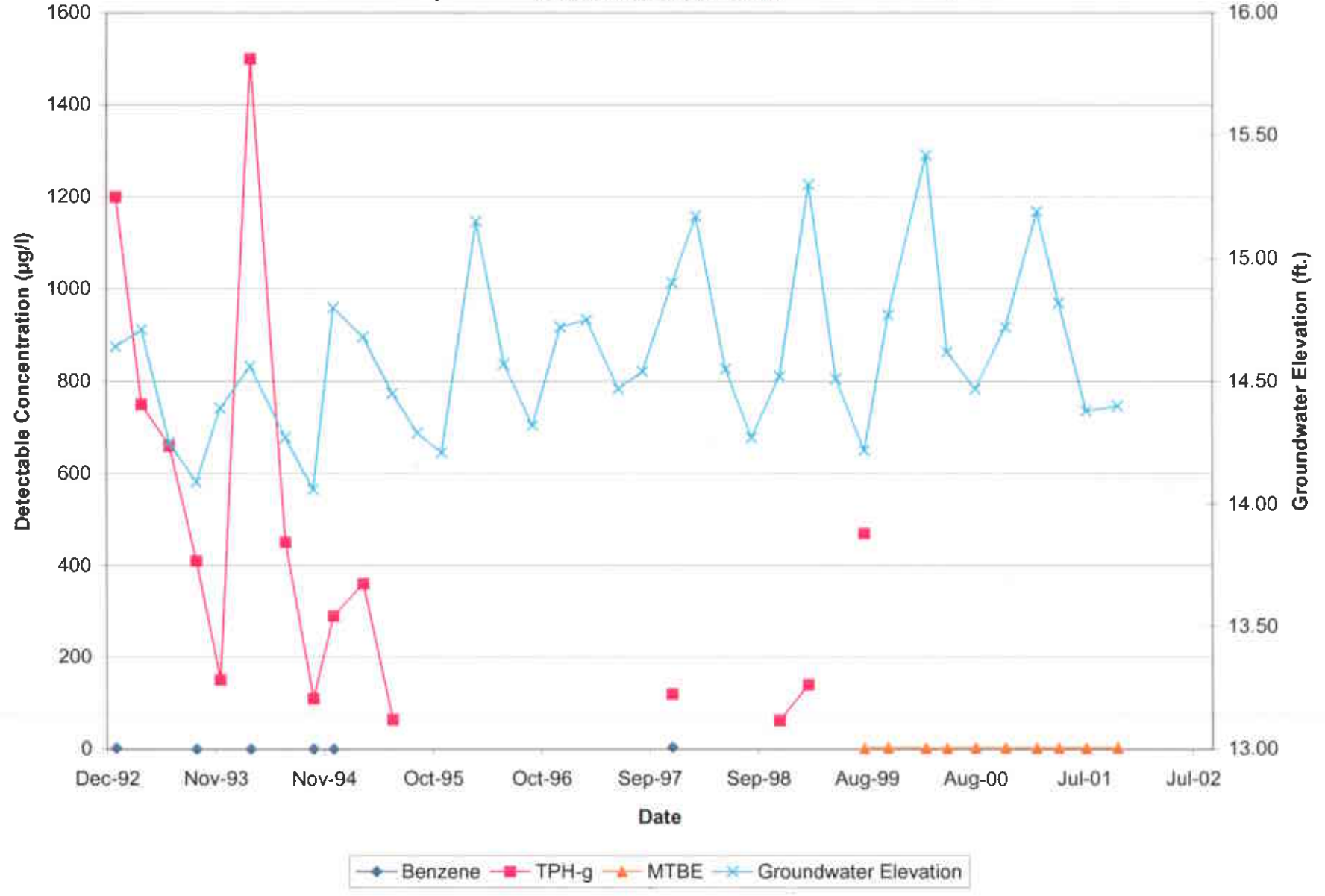
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



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

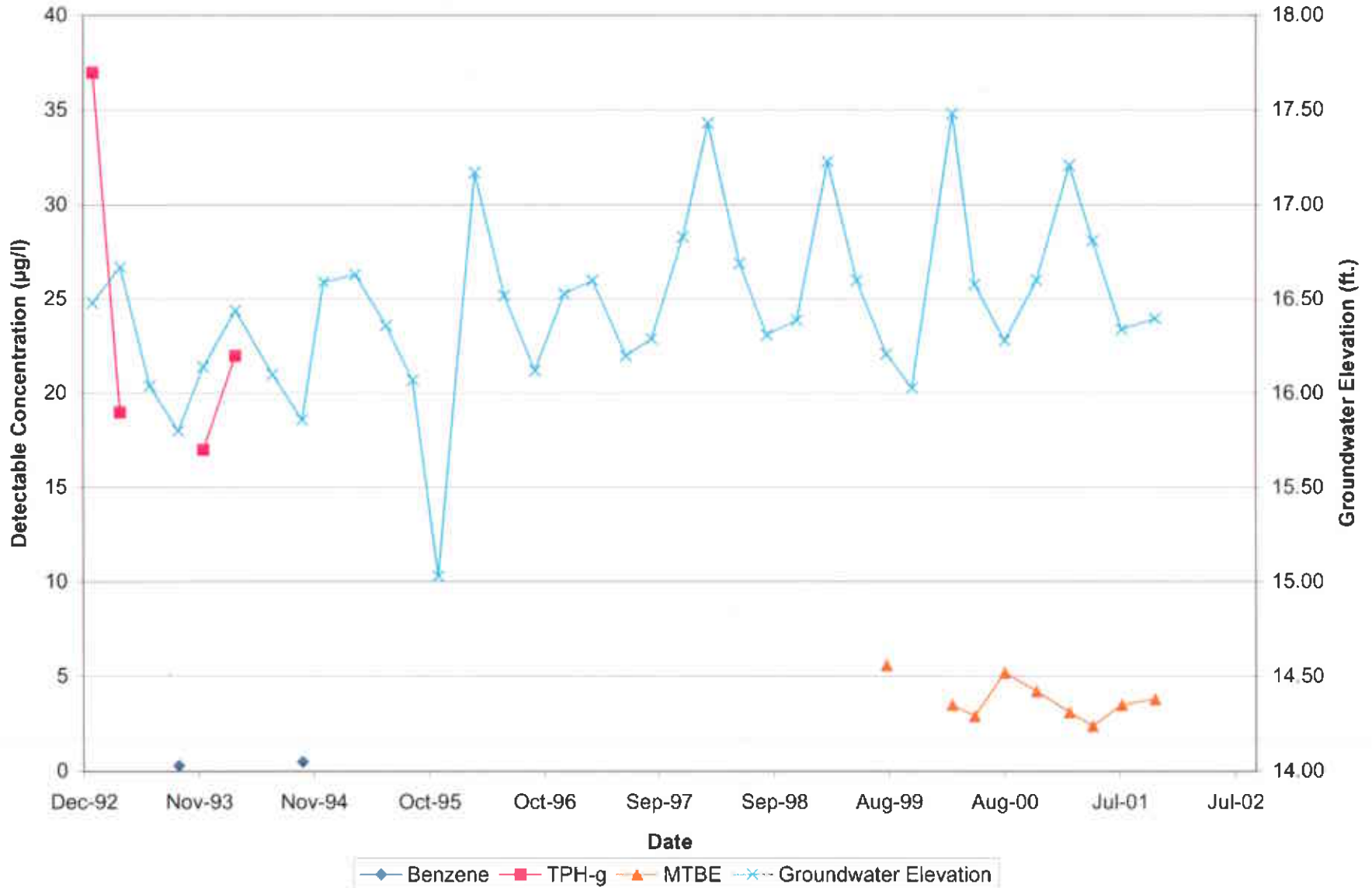
Graph 4, MW-4  
Sears Store No. 1058, 2633 Telegraph Avenue  
Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



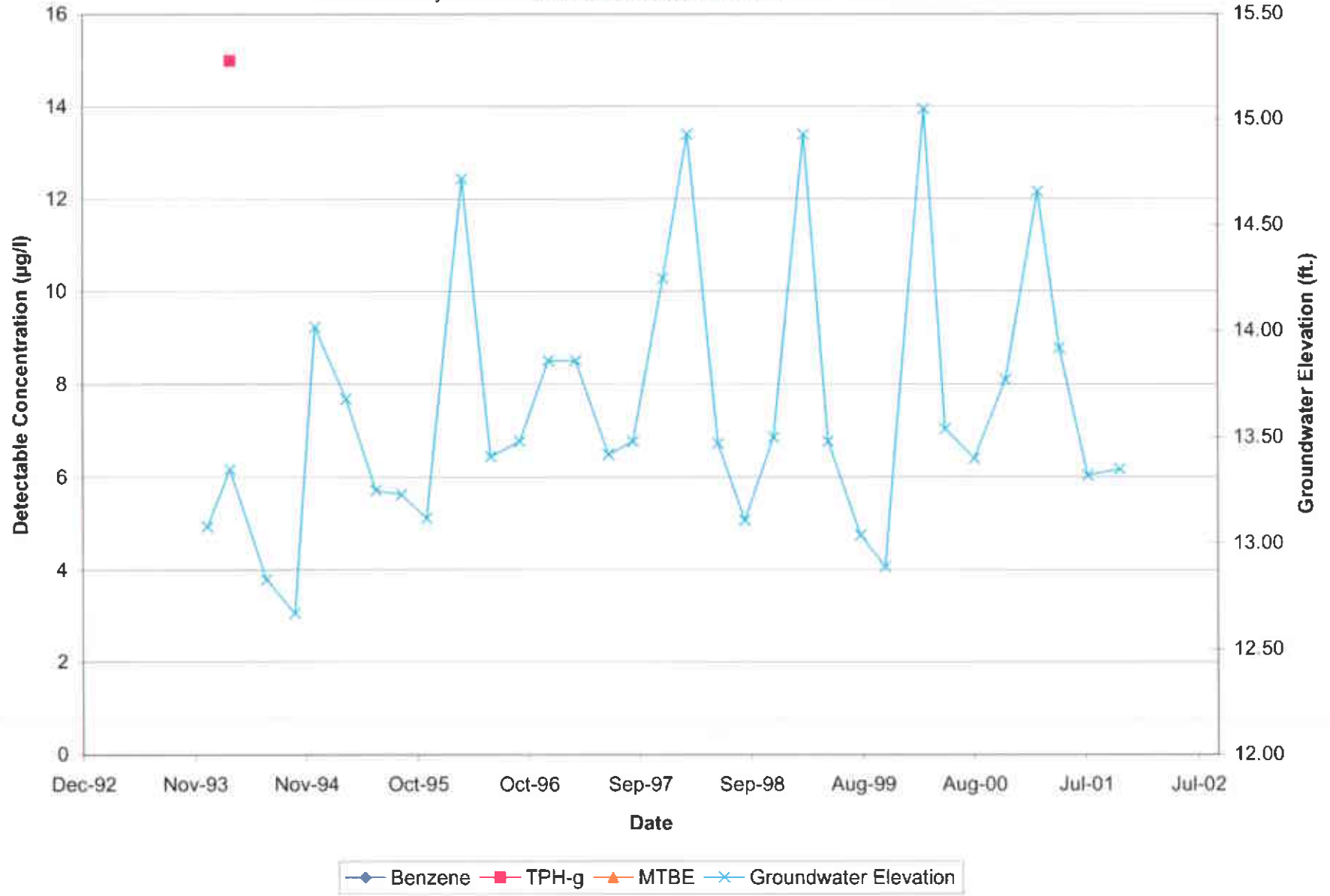
Graph 5, MW-5  
 Sears Store No. 1058, 2633 Telegraph Avenue  
 Oakland, California

Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



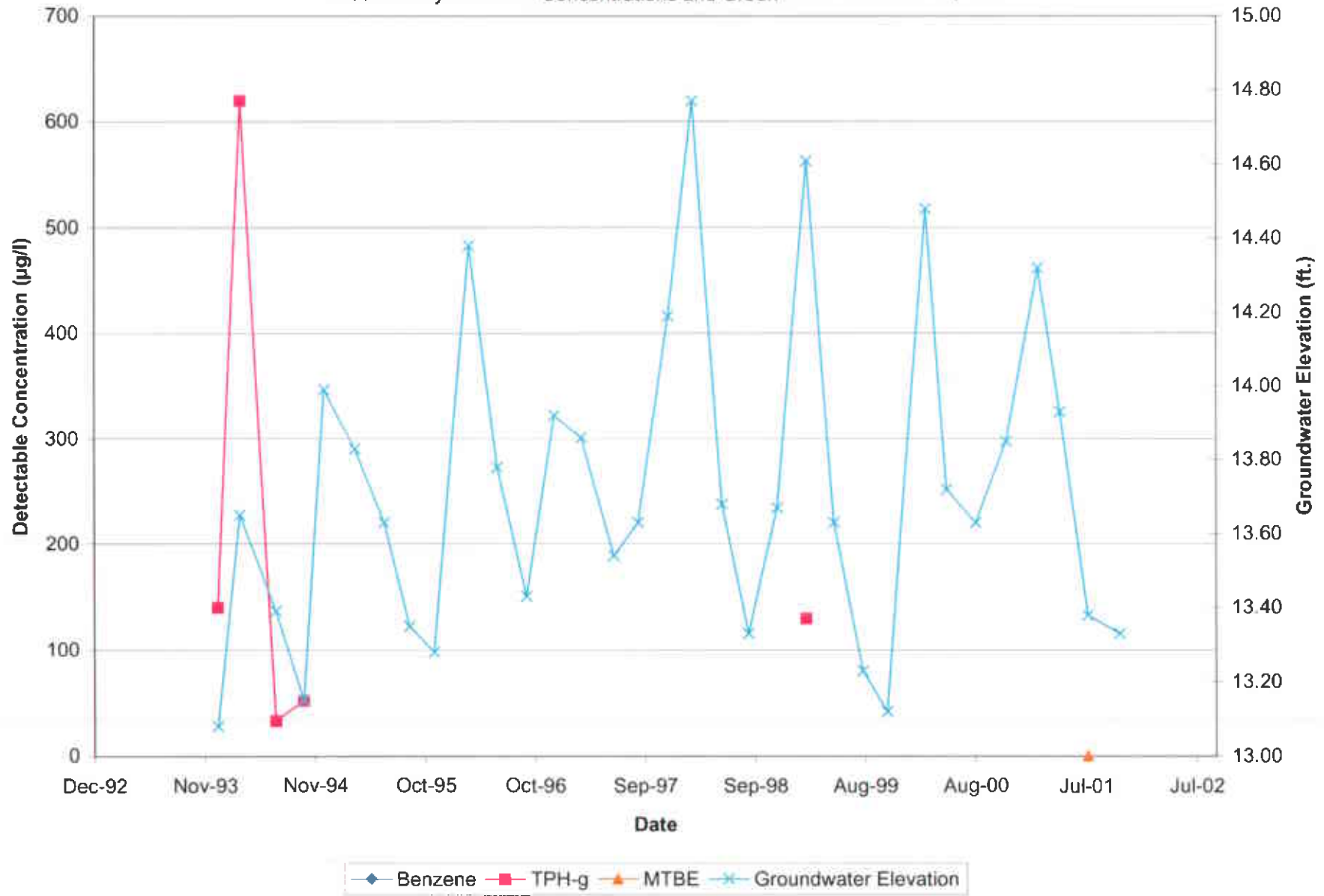
Graph 6, MW-6  
Sears Store No. 1058, 2633 Telegraph Avenue  
Oakland, California

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

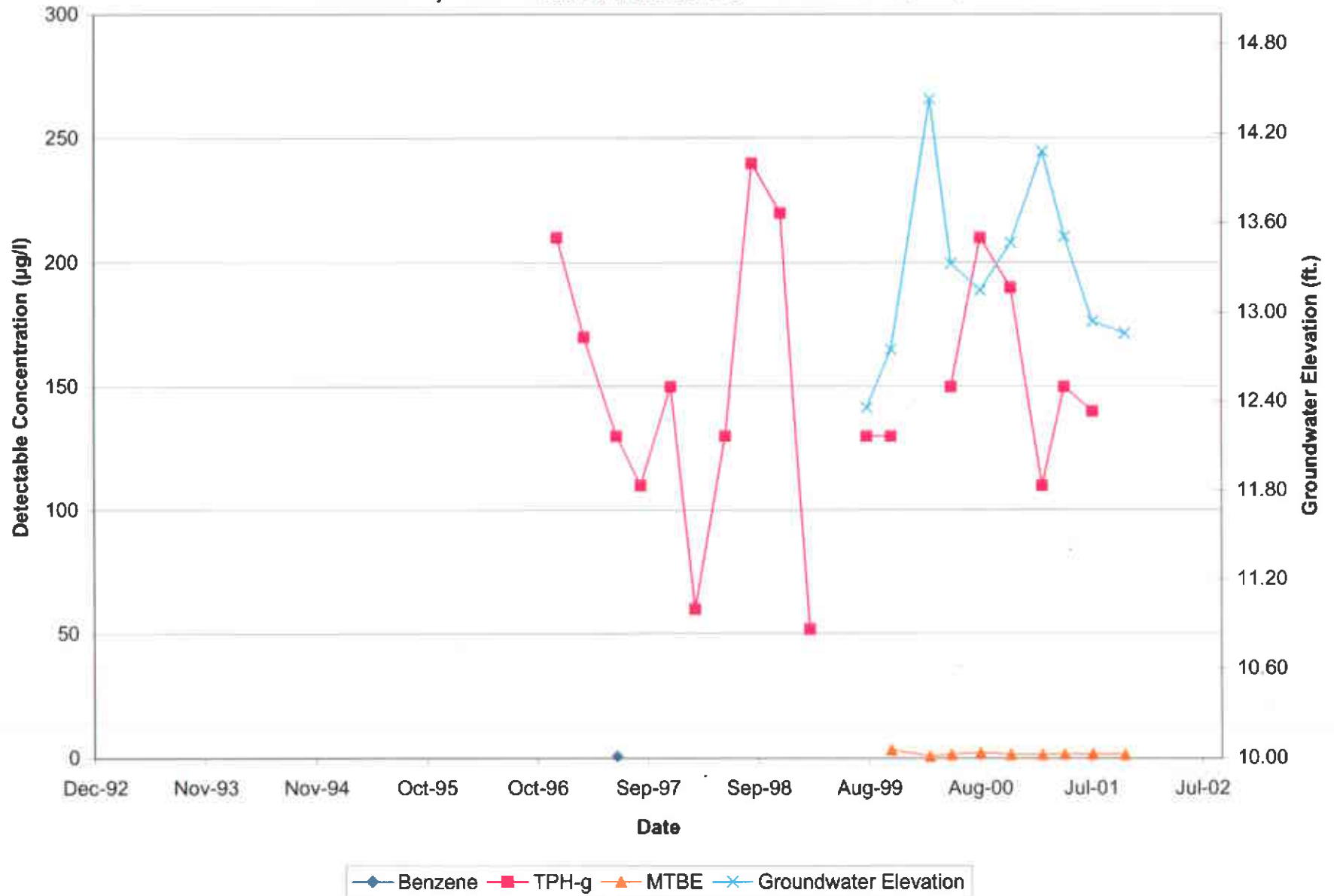






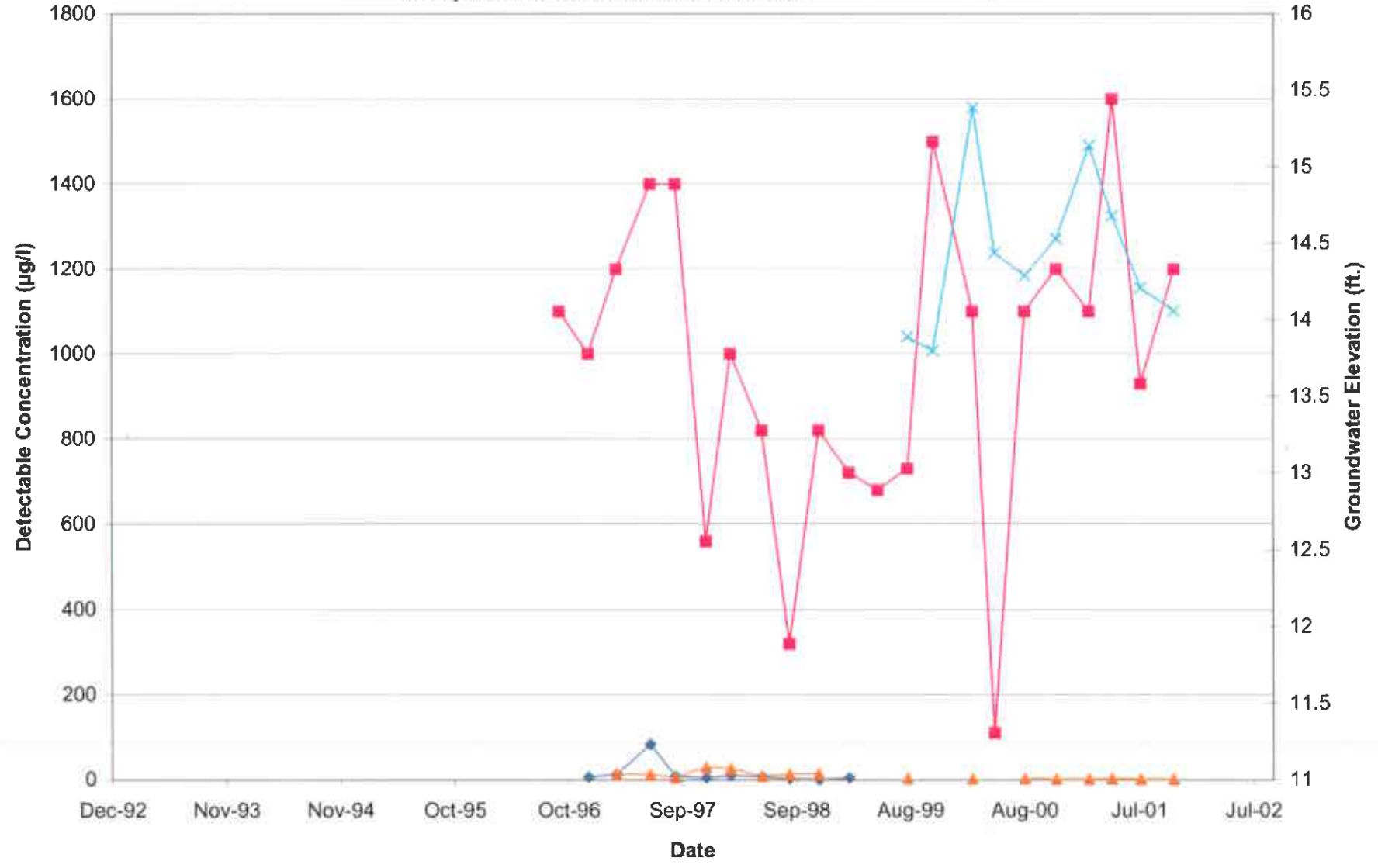
Graph 9, MW-9  
Sears Store No. 1058, 2633 Telegraph Avenue  
Oakland, California

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



◆ Benzene    ■ TPH-g    ▲ MTBE    × Groundwater Elevation

**Attachment 5**

**Laboratory Reports and Chain-of-Custody Documents**



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-3  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-1  
Analyzed: 11/07/01  
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		99

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	50.	200.
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.

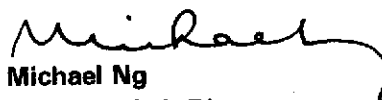
Note: Analyzed by EPA 8260 and GC/MS Combination.

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  
25629-3.xls  
MN/sks/pv/ccc/bc

**FILE**



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-3  
Collected: 11/1/01  
Received: 11/5/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-1  
Analyzed: 11/8/01  
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C12-C16)	100.	120.
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 11/07/01.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,  
ZymaX envirotechnology, inc.

Michael Ng  
Assistant Lab Director

SA2467  
MSD #9  
25629-3t.xls  
MN/sks/jd/yl/ag/td



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-8  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-2  
Analyzed: 11/08/01  
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		105

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.

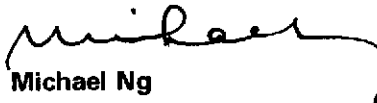
Note: Analytical range is C4-C12.

Note: TPH quantitated against gasoline.

Note: MTBE not included in TPH result.

MSD #6  
25629-8.xls  
MN/sks/pv/ccc/bc

Submitted by,  
ZymaX envirotechnology, inc.

  
Michael Ng  
Assistant Lab Director



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-8  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-2  
Analyzed: 11/08/01  
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C16-C34)	100.	240.
Percent Surrogate Recovery		85

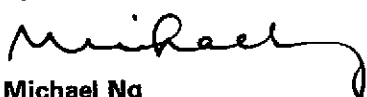
ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717

\*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 11/07/01.
- Note: Analytical range is C8-C40.
- Note: TPH quantitated against motor oil.

SA2467  
MSD #9  
25629-8t.xls  
MN/sks/jd/yl/ag/td

Submitted by,  
ZymaX envirotechnology, inc.  
  
Michael Ng  
Assistant Lab Director



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-11  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-3  
Analyzed: 11/08/01  
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	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.

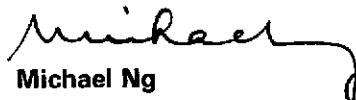
Note: Analyzed by EPA 8260 and GC/MS Combination.

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  
25629-11.xls  
MN/sks/pv/ccc/bc





REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-11  
Collected: 11/1/01  
Received: 11/5/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-3  
Analyzed: 11/8/01  
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
-------------	--------------	------------------

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons (C12-C38)	400.	19000.
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 11/07/01.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,  
ZymaX envirotechnology, inc.

  
Michael Ng  
Assistant Lab Director

SA2467  
MSD #9  
2562911t.xls  
MN/sks/jd/yl/ag/td



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-7  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-4  
Analyzed: 11/08/01  
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	3.3
Percent Surrogate Recovery		98

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  
25629-7.xls  
MN/sks/pv/cc/bc



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-7  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-4  
Analyzed: 11/08/01  
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		92

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.

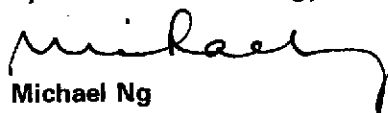
Note: Analyzed by GC/MS Combination.

Note: Extracted by EPA 3510 on 11/07/01.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

Submitted by,  
ZymaX envirotechnology, inc.

  
Michael Ng  
Assistant Lab Director

SA2467  
MSD #9  
25629-7t.xls  
MN/sks/jd/yl/ag/td



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-1  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-5  
Analyzed: 11/07/01  
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	3.8
Percent Surrogate Recovery		98

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  
25629-1.xls  
MN/sks/pv/bc



## REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-1  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-5  
Analyzed: 11/08/01  
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
-------------	--------------	------------------

## TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		82

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 11/07/01.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

SA2467  
MSD #9  
25629-1t.xls  
MN/sks/jd/yl/ag/td

Submitted by,  
ZymaX envirotechnology, inc.

  
Michael Ng  
Assistant Lab Director



## REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-2  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-6  
Analyzed: 11/07/01  
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.

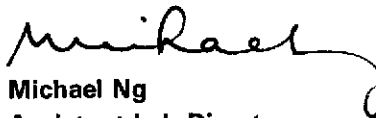
Note: Analyzed by EPA 8260 and GC/MS Combination.

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  
25629-2.xls  
MN/sks/pv/cc/bc



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-2  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-6  
Analyzed: 11/08/01  
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		79

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

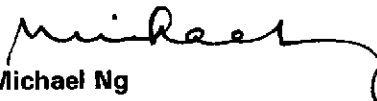
\*PQL - Practical Quantitation Limit

\*\*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 11/07/01.
- Note: Analytical range is C8-C40.
- Note: TPH quantitated against motor oil.

SA2467  
MSD #9  
25629-2t.xls  
MN/sks/jd/yl/ag/td

Submitted by,  
ZymaX envirotechnology, inc.

  
Michael Ng  
Assistant Lab Director



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-4  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-7  
Analyzed: 11/08/01  
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		98

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.

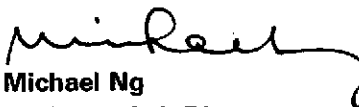
Note: Analyzed by EPA 8260 and GC/MS Combination.

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  
25629-4.xls  
MN/sks/pv/cc/bc





REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-4  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-7  
Analyzed: 11/08/01  
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		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 11/07/01.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

SA2467  
MSD #9  
25629-4t.xls  
MN/sks/jd/yl/ag/td

Submitted by,  
ZymaX envirotechnology, inc.

  
Michael Ng  
Assistant Lab Director



## REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-5  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-8  
Analyzed: 11/08/01  
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		100

## 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  
25629-5.xls  
MN/sks/pv/cc/bc



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-5  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-8  
Analyzed: 11/08/01  
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 80

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 11/07/01.
- Note: Analytical range is C8-C40.
- Note: TPH quantitated against motor oil.

SA2467  
MSD #9  
25629-5t.xls  
MN/sks/jd/yl/ag/td

Submitted by,  
ZymaX envirotechnology, inc.

  
Michael Ng  
Assistant Lab Director



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-6  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-9  
Analyzed: 11/08/01  
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	1.5
Percent Surrogate Recovery		100


TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	50.	310.
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  
25629-6.xls  
MN/sks/pv/cc/bc



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-6  
Collected: 11/1/01  
Received: 11/5/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
MW-9  
Analyzed: 11/8/01  
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C12-C40)	100.	ND
Percent Surrogate Recovery		94

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 11/07/01.

Note: Analytical range is C8-C40.

Note: TPH quantitated against motor oil.

SA2467  
MSD #9  
25629-6t.xls  
MN/sks/jd/yl/ag/td

Submitted by,  
ZymaX envirotechnology, inc.

Michael Ng  
Assistant Lab Director



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-10  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
EW-1  
Analyzed: 11/08/01  
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	1.7
Percent Surrogate Recovery		105

TOTAL PETROLEUM HYDROCARBONS

Total Petroleum Hydrocarbons	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.

MSD #6  
25629-10.xls  
MN/sks/pv/cc/bc

Submitted by,  
ZymaX envirotechnology, inc.

Michael Ng  
Assistant Lab Director



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-10  
Collected: 11/01/01  
Received: 11/05/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
EW-1  
Analyzed: 11/08/01  
Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C14-C36)	100.	6000.
Percent Surrogate Recovery		92


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 11/07/01.
- Note: Analytical range is C8-C40.
- Note: TPH quantitated against motor oil.

SA2467  
MSD #9  
2562910t.xls  
MN/sks/jd/yl/ag/td

Submitted by,  
ZymaX envirotechnology, inc.  
  
Michael Ng  
Assistant Lab Director



REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-9  
Collected: 11/1/01  
Received: 11/5/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
DUP  
Analyzed: 11/8/01  
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		101


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  
25629-9.xls  
MN/sks/pv/ccc/bc

Submitted by,  
ZymaX envirotechnology, inc.

  
Michael Ng  
Assistant Lab Director





REPORT OF ANALYTICAL RESULTS

Client: Dave Bero  
IT Corporation  
4005 Port Chicago Hwy  
Concord, CA 94520-1120

Lab Number: 25629-12  
Collected: 11/1/01  
Received: 11/5/01  
Matrix: Aqueous

Project: Sears/Telegraph #1058  
Project Number: 823291.03051300  
Collected by: Hector Merino

Sample Description:  
TBLB  
Analyzed: 11/8/01  
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		101


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  
25629-12.xls  
MN/sks/pv/ccc/bc

Submitted by,  
ZymaX envirotechnology, inc.

  
Michael Ng  
Assistant Lab Director

report to <b>DAVID BERO</b>	phone <b>175 288 9878</b>	fax <b>175 288 0888</b>	ANALYSIS REQUESTED										Turnaround Time	
company <b>IT CORP</b>	project <b>Seas Telegraph # 1058</b>												ASAP <input type="checkbox"/> 48 hr <input type="checkbox"/>	
address <b>4005 Portchicargo Hwy Concord Ca. 94520</b>	project # <b>723291 03051300</b>												sampler <b>Hector Merino</b>	
													24 hr <input type="checkbox"/> std <input type="checkbox"/>	

ZymaX use only	SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve											# of containers	Remarks		
1	MW-5	11-1-01	11:10	GW	Hot none	X	X												
2	MW-6	11-1-01	11:45	GW	Hot none	X	X												
3	MW-1	11-1-01	11:25	GW	Hot none	X	X												
4	MW-7	11-1-01	13:10	GW	Hot none	X	X												
5	MW-8	11-1-01	13:28	GW	Hot none	X	X												
6	MW-9	11-1-01	11:59	GW	Hot none	X	X												
7	MW-4	11-1-01	12:35	GW	Hot none	X	X												
8	MW-2	11-1-01	14:45	GW	Hot none	X	X												
9	DUP	11-1-01	12:25	GW	Hot none	X	X												

<b>Comments</b>  <b>Sample integrity upon receipt:</b> Samples received intact <input type="checkbox"/> Samples received cold <input type="checkbox"/> Custody seals <input type="checkbox"/> Correct container types <input type="checkbox"/>	<b>Bill 3rd Party:</b>  PO# _____ Quote <input type="checkbox"/> yes <input type="checkbox"/> no	<b>Relinquished by:</b> Signature _____ Print <b>Hector Merino</b> Company <b>IT CORP</b> Date <b>11-1-01</b> Time _____	<b>Received by:</b> Signature _____ Print _____ Company _____ Date _____ Time _____
		<b>Relinquished by:</b> Signature _____ Print _____ Company _____ Date _____ Time _____	<b>Received by ZymaX envirotechnology inc:</b> Signature _____ Print _____ Company _____ Date _____ Time _____

report to <b>DAVID BERO</b>	phone (725) 888-9898	fax (725) 888-0588	ANALYSIS REQUESTED	Turnaround Time ASAP <input type="checkbox"/> 48 hr <input type="checkbox"/> 12 hr <input type="checkbox"/> 72 hr <input type="checkbox"/> 24 hr <input type="checkbox"/> std <input type="checkbox"/>
company <b>IT CORP</b>	project <b>Seas Telegraph #1058</b>			
address <b>4605 Parkhicago Hwy Concord Ca. 94520</b>	project # <b>822291.03057300</b>	sampler <b>Hector Merino</b>		

Zymax use only	SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	BIOMONITORING	PH	TOXIC	OTHER	# of containers	Remarks
	25629-10 EW-1	11-1-01	14:00	GW	None	X	X			1	
	-11 MW-3	11-1-01	14:15	GW	None	X	✓			1	
	-12 TBLB							X			

<b>Comments</b>  Sample integrity upon receipt: Samples received intact <input type="checkbox"/> Samples received cold <input type="checkbox"/> Custody seals <input type="checkbox"/> Correct container types <input type="checkbox"/>	<b>Relinquished by:</b> Signature <u>Hector Merino</u> Print <u>Hector Merino</u> Company <u>ITCORP</u> Date <u>11-1-01</u> Time _____	<b>Received by:</b> Signature _____ Print _____ Company _____ Date <u>11-05-01</u> Time _____
	<b>Relinquished by:</b> Signature _____ Print _____ Company _____ Date _____ Time _____	<b>Received by Zymax envirotechnology inc:</b> Signature _____ Print _____ Company _____ Date _____ Time _____