STID: 1082 Gasoline

APR 2 4 2001

TRANSMITTAL LETTER

TO: Amir Gholami
Alameda County Health Care Services Agency
Environmental Health Services Department
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
ATTN:

DATE: 04/05/01
FROM: *David Bero*

RE: Sears Facility #1058
2600 Telegraph Avenue
Oakland, CA

We are sending the following:

☒ REPORT ☐ EWO/ECO ☐ OTHER

COPIES	DATE	DESCRIPTION
1	04/17/01	1st Qtr. 2001 Groundwater Monitoring & Sampling Report

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STID 1082

IT Corporation
4005 Port Chicago Highway
Concord, CA 94520-1120
Tel. 925.288.9898
Fax. 925.288.0888

A Member of The IT Group

April 17, 2001

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

Subject: Gasoline Impacts, STID 1082
First 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 February 15, 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 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 first quarter 2001 ranged from 14.08 to 17.21 feet above mean sea level (approximately 9.4 to 11.7 feet below top of casing). Groundwater elevations have increased by approximately 0.6 foot since fourth quarter 2000 (November 7, 2000). The apparent groundwater flow is to the south at an average hydraulic gradient of 0.02 foot per foot, which is consistent with previous quarterly data.

Benzene was not detected in the groundwater samples. Low concentrations of MTBE were detected by EPA 8260 analysis in seven monitoring wells, with the highest concentration of 3.1 micrograms per liter reported in the upgradient well MW-5. Monitoring wells MW-1, MW-3, MW-9, and EW-1 contained dissolved TPH-g, and wells MW-1, MW-3, and EW-1 contained dissolved TPH-mo. A summary of the groundwater analytical results is provided in Table 2. A distribution map of dissolved benzene, TPH-g, TPH-mo, and MTBE concentrations is provided in Figure 2.

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

Historical monitoring data indicate that 1) the thickness of SPPH in MW-3 has averaged less than 0.05 foot, and 2) the lateral extent of the product was limited to the vicinity of MW-3. Therefore, the volume of SPPH prior to the recent remediation effort at the site was estimated to be small, less than 5 gallons. In a more aggressive attempt to remove the remaining SPPH from the vicinity of MW-3, water and an unmeasured small volume of SPPH were purged from MW-3 for at least thirty minutes on four separate occasions during February 4, 2000 through February 23, 2000, using vacuum extraction techniques. Prior to purging, depth to groundwater was measured. After purging, depth to water and depth to product were measured. Prior to demobilization, a Soak-eze "sock" was placed in the well. After the last two vacuum extraction events, and during two subsequent quarterly monitoring and sampling events, no SPPH was found in monitoring well MW-3. A measurable thickness of SPPH (0.19 foot) in MW-3 was found during the third quarter of 2000 and appeared to coincide with seasonal decline of the groundwater level. Decrease of SPPH in MW-3 to below measurable thickness during the last two quarters correlates with a 0.9-foot rise of groundwater level.

The IT *Interim Remedial Action Progress Report* stated that if no measurable thickness of SPPH was found in MW-3 in two subsequent quarterly monitoring and sampling events, low-risk classification and closure/no further action status would be requested for the site. A measurable thickness of SPPH was not found in MW-3 during the last two quarterly sampling events. The last time a measurable thickness of SPPH was found in MW-3 was during the third quarter 2000 sampling event. Therefore, a low-risk classification and closure/no further action status is requested for this site.

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:

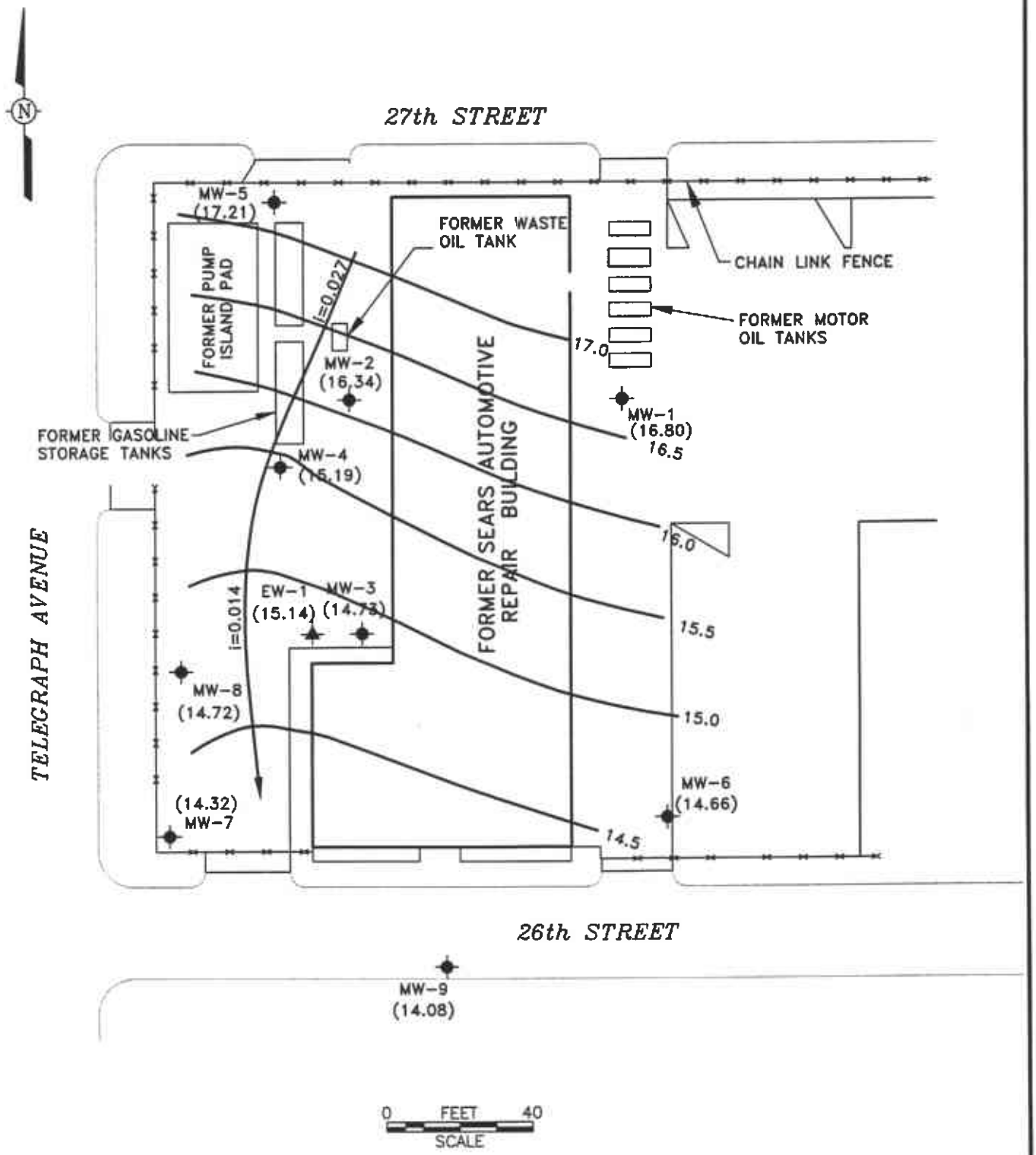
Ed K. Simonis, R.G.
Senior Geologist

REGISTERED GEOLOGIST
EDVARDAS (ED) K. SIMONIS
No. 4422
STATE OF CALIFORNIA

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

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

IMAGE	X-REF	OFFICE	DRAWN BY		CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	Concord	RB	03/23/01			823291-A1



LEGEND

- MONITORING WELL
- EXTRACTION WELL
- ( ) POTENTIOMETRIC SURFACE ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- POTENTIOMETRIC SURFACE CONTOUR; INTERVAL = 0.5 FOOT
- i=0.02 ESTIMATED GROUNDWATER FLOW DIRECTION AND HYDRAULIC GRADIENT
- * DATA FOR EW-1 NOT USED FOR CONTOURING

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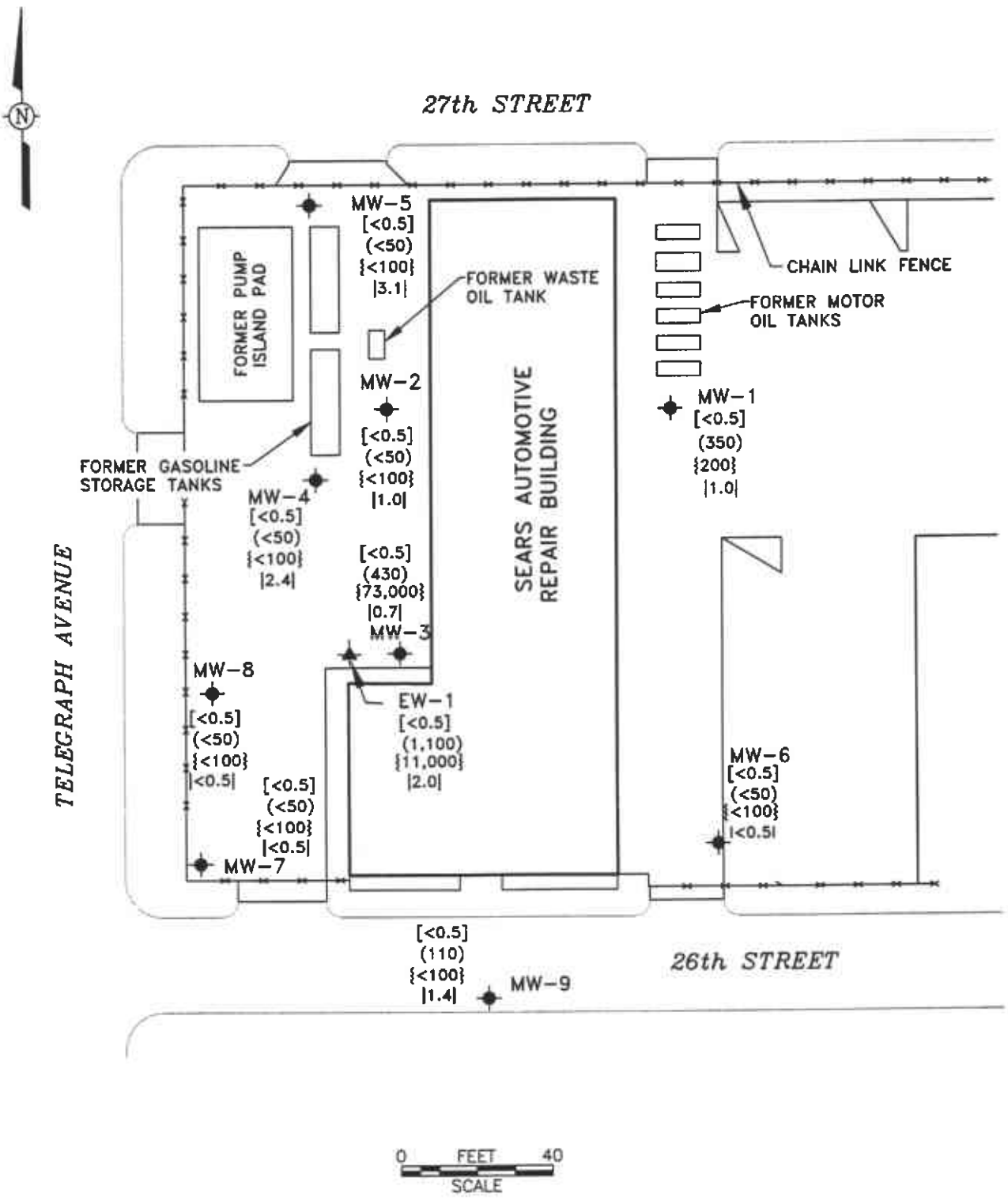
SITE NO. 1058
2600 TELEGRAPH AVE.,
OAKLAND, CA

FIGURE 1

POTENTIOMETRIC SURFACE MAP
(GAUGED 02/15/01)

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE	X-REF	IMAGE
823291-A2			RB 03/22/01	Concord	---	---



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

IT CORPORATION

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

FIGURE 2
CONCENTRATIONS OF BENZENE, TPH AS GASOLINE, TPH AS MOTOR OIL AND MTBE IN GROUND WATER SAMPLED 02/15/01

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
		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

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 (cont'd)		05/20/1998	10.89	--	--	15.31
		08/11/1998	11.60	--	--	14.60
		11/10/1998	11.10	--	--	15.10
		02/11/1999	9.40	--	--	16.80
		05/11/1999	11.05	--	--	15.15
		08/10/1999	11.66	--	--	14.54
		10/26/1999	12.90	--	--	13.30
		02/25/2000	9.80	--	--	16.40
		05/03/2000	10.90	--	--	15.30
		08/02/2000	11.40	--	--	14.80
		11/07/2000	10.83	--	--	15.37
		02/15/2001	9.40	--	--	16.80
MW-2	26.50	12/30/1992	10.65			15.85
		02/26/1993	10.56			15.94
		03/24/1993	10.52			15.98
		04/27/1993	11.17	--	--	15.33
		05/28/1993	11.12	--	--	15.38
		06/21/1993	11.41	--	--	15.09
		07/22/1993	11.50	--	--	15.00
		08/13/1993	11.54	--	--	14.96
		09/16/1993	11.62	--	--	14.88
		10/22/1993	11.57	--	--	14.93
		11/03/1993	11.65	--	--	14.85
		11/24/1993	11.52	--	--	14.98
		12/01/1993	11.08	--	--	15.42
		12/27/1993	11.27	--	--	15.23
		01/05/1994	11.39	--	--	15.11
		02/08/1994	11.49	--	--	15.01
		03/09/1994	11.06	--	--	15.44
		04/01/1994	11.25	--	--	15.25
		05/10/1994	10.83	--	--	15.67
		06/30/1994	11.44	--	--	15.06
		07/28/1994	11.48	--	--	15.02
		08/31/1994	11.56	--	--	14.94
		09/27/1994	11.61	--	--	14.89
		10/28/1994	11.65	--	--	14.85
		11/15/1994	9.65	--	--	16.85
		12/01/1994	10.71	--	--	15.79
		01/04/1995	10.11	--	--	16.39
		02/01/1995	10.38	--	--	16.12
		03/08/1995	10.80	--	--	15.70
		04/03/1995	10.61	--	--	15.89
		05/18/1995	10.95	--	--	15.55
		06/09/1995	11.13	--	--	15.37
		07/13/1995	11.15	--	--	15.35
		08/03/1995	11.26	--	--	15.24
		08/29/1995	11.32	--	--	15.18
		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

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-2 (cont'd)		12/02/1996	10.80	--	--	15.70
		02/26/1997	10.70	--	--	15.80
		06/09/1997	11.10	--	--	15.40
		08/25/1997	11.05	--	--	15.45
		11/28/1997	10.59	--	--	15.91
		02/12/1998	10.04	--	--	16.46
		05/20/1998	10.84	--	--	15.66
		08/11/1998	11.56	--	--	14.94
		11/10/1998	11.02	--	--	15.48
		02/11/1999	10.17	--	--	16.33
		05/11/1999	10.96	--	--	15.54
		08/10/1999	11.27	--	--	15.23
		10/26/1999	12.03	--	--	14.47
		02/25/2000	9.95	--	--	16.55
		05/03/2000	10.78	--	--	15.72
		08/02/2000	11.02	--	--	15.48
		11/07/2000	10.74	--	--	15.76
		02/15/2001	10.16	--	--	16.34
MW-3	26.34	12/30/1992	12.43	--	--	13.91
		02/26/1993	12.21	--	--	14.13
		03/24/1993	12.36	--	--	13.98
		04/27/1993	12.70	--	--	13.64
		05/28/1993	12.72	--	--	13.62
		06/21/1993	12.87	--	--	13.47
		07/22/1993	12.92	--	--	13.42
		08/13/1993	12.96	--	--	13.38
		09/16/1993	13.01	12.97	0.04	13.33
		10/22/1993	NM	12.96	NA	NA
		11/03/1993	13.13	13.02	0.11	13.21
		11/24/1993	12.94	12.92	0.02	13.40
		12/01/1993	12.71	12.69	0.02	13.63
		12/27/1993	12.77	12.73	0.04	13.57
		01/05/1994	12.85	12.83	0.02	13.49
		02/08/1994	12.37	--	--	13.97
		03/09/1994	12.53	--	--	13.81
		04/01/1994	12.64	--	--	13.70
		05/10/1994	12.32	--	--	14.02
		06/30/1994	12.84	12.82	0.02	13.50
		07/28/1994	12.93	12.89	0.04	13.41
		08/31/1994	13.04	13.01	0.03	13.30
		09/27/1994	13.13	13.02	0.11	13.21
		10/28/1994	13.30	13.08	0.22	13.04
		11/15/1994	11.05	11.02	0.03	15.29
		12/01/1994	11.90	11.88	0.02	14.44
		01/04/1995	11.80	11.76	0.01	14.54
		02/01/1995	12.00	11.98	0.02	14.34
		03/08/1995	12.35	12.30	0.05	13.99
		04/03/1995	12.09	12.05	0.04	14.25
		05/18/1995	12.43	12.40	0.03	13.91
		06/09/1995	12.60	12.58	0.02	13.74
		07/13/1995	12.55	12.46	0.09	13.79
		08/03/1995	12.64	12.61	0.03	13.70
		08/29/1995	12.65	12.62	0.03	13.69
		09/15/1995	13.00	12.86	0.14	13.34
		10/20/1995	12.86	12.03	0.03	13.48
		11/15/1995	12.81	12.74	0.07	13.53

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-3 (cont'd)		01/15/1996	12.60	12.47	0.13	13.74
		03/05/1996	11.68	11.64	0.04	14.66
		04/19/1996	12.36	12.34	0.02	13.98
		05/10/1996	11.93	11.91	0.02	14.41
		06/03/1996	12.93	12.50	0.43	13.41
		09/04/1996	12.60	12.55	0.05	13.74
		12/02/1996	12.11	12.00	0.03	14.23
		02/26/1997	12.03	12.02	0.01	14.31
		06/09/1997	12.39	12.35	0.04	13.95
		08/25/1997	12.28	12.25	0.03	14.06
		11/28/1997	12.13	12.10	0.03	14.21
		02/12/1998	11.85	11.82	0.03	14.49
		05/20/1998	12.51	12.48	0.03	13.83
		08/11/1998	12.97	12.79	0.18	13.37
		11/10/1998	12.54	12.51	0.03	13.80
		02/11/1999	11.75	11.73	0.02	14.59
		05/11/1999	12.52	–	–	13.82
		08/10/1999	13.50	13.36	0.14	12.84
		10/26/1999	13.01	12.98	0.03	13.33
		02/25/2000	11.41	–	odor	14.93
		05/03/2000	12.30	–	–	14.04
		08/02/2000	12.61	12.42	0.19	13.88
		11/07/2000	12.18	–	–	14.16
		02/15/2001	11.61	–	–	14.73
MW-4	26.17	12/30/1992	11.53	–	Sheen	14.64
		02/26/1993	11.35	–	–	14.82
		03/24/1993	11.46	–	–	14.71
		04/27/1993	11.74	–	–	14.43
		05/28/1993	11.77	–	–	14.40
		06/21/1993	11.92	–	–	14.25
		07/22/1993	11.95	–	–	14.22
		08/13/1993	12.01	–	–	14.16
		09/16/1993	12.08	–	–	14.09
		10/22/1993	12.03	–	–	14.14
		11/03/1993	12.10	–	–	14.07
		11/24/1993	12.02	–	–	14.15
		12/01/1993	11.78	–	–	14.39
		12/27/1993	11.80	–	–	14.37
		01/05/1994	11.91	–	–	14.26
		02/08/1994	11.85	–	–	14.32
		03/09/1994	11.61	–	–	14.56
		04/01/1994	11.73	–	–	14.44
		05/10/1994	11.49	–	–	14.68
		06/30/1994	11.90	–	–	14.27
		07/28/1994	11.97	–	–	14.20
		08/31/1994	12.06	–	–	14.11
		09/27/1994	12.11	–	–	14.06
		10/26/1994	12.18	–	–	13.99
		11/15/1994	10.72	–	–	15.45
		12/01/1994	11.37	–	–	14.80
		01/04/1995	11.20	–	–	14.97
		02/01/1995	11.16	–	–	15.01
		03/08/1995	11.49	–	–	14.68
		04/03/1995	11.35	–	–	14.82
		05/18/1995	11.56	–	–	14.61
		06/09/1995	11.72	–	–	14.45

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-4 (cont'd)		07/13/1995	11.72	-	-	14.45
		08/03/1995	11.81	-	-	14.36
		08/29/1995	11.88	-	-	14.29
		09/15/1995	11.99	-	-	14.18
		10/20/1995	12.00	-	-	14.17
		11/15/1995	11.96	-	-	14.21
		01/15/1996	11.71	-	-	14.46
		03/05/1996	11.02	-	-	15.15
		04/19/1996	11.51	-	-	14.66
		05/10/1996	11.74	-	-	14.43
		06/03/1996	11.60	-	-	14.57
		09/04/1996	11.85	-	-	14.32
		12/02/1996	11.45	-	-	14.72
		02/26/1997	11.42	-	-	14.75
		06/09/1997	11.70	-	-	14.47
		08/25/1997	11.63	-	-	14.54
		11/28/1997	11.27	-	-	14.90
		02/12/1998	11.00	-	-	15.17
		05/20/1998	11.62	-	-	14.55
		08/11/1998	11.90	-	-	14.27
		11/10/1998	11.65	-	-	14.52
		02/11/1999	10.87	-	-	15.30
		05/11/1999	11.66	-	-	14.51
		08/10/1999	11.95	-	-	14.22
		10/26/1999	11.40	-	-	14.77
		02/25/2000	10.75	-	-	15.42
		05/03/2000	11.55	-	-	14.62
		08/02/2000	11.70	-	-	14.47
		11/07/2000	11.45	-	-	14.72
		02/15/2001	10.98	-	-	15.19
MW-5	26.98	12/30/1992	10.50	-	-	16.48
		02/26/1993	10.12	-	-	16.86
		03/24/1993	10.31	-	-	16.67
		04/27/1993	10.75	-	-	16.23
		05/28/1993	10.80	-	-	16.18
		06/21/1993	10.94	-	-	16.04
		07/22/1993	11.01	-	-	15.97
		08/13/1993	11.07	-	-	15.91
		09/16/1993	11.18	-	-	15.80
		10/22/1993	11.19	-	-	15.79
		11/03/1993	11.23	-	-	15.75
		11/24/1993	12.00	-	-	14.98
		12/01/1993	10.84	-	-	16.14
		12/27/1993	10.81	-	-	16.17
		01/05/1994	10.96	-	-	16.02
		02/08/1994	10.94	-	-	16.04
		03/09/1994	10.54	-	-	16.44
		04/01/1994	10.77	-	-	16.21
		05/10/1994	10.44	-	-	16.54
		06/30/1994	10.88	-	-	16.10
		07/28/1994	10.98	-	-	16.00
		08/31/1994	11.07	-	-	15.91
		09/27/1994	11.12	-	-	15.86
		10/28/1994	11.21	-	-	15.77
		11/15/1994	10.05	-	-	16.93
		12/01/1994	10.39	-	-	16.59

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-5 (cont'd)		01/04/1995	10.18	-	-	16.80
		02/01/1995	9.93	-	-	17.05
		03/08/1995	10.35	-	-	16.63
		04/03/1995	10.15	-	-	16.83
		05/18/1995	10.43	-	-	16.55
		06/09/1995	10.62	-	-	16.36
		07/13/1995	10.76	-	-	16.22
		08/03/1995	10.82	-	-	16.16
		08/29/1995	10.91	-	-	16.07
		09/15/1995	11.00	-	-	15.98
		10/20/1995	11.02	-	-	15.96
		11/15/1995	11.95	-	-	15.03
		01/15/1996	10.57	-	-	16.41
		03/05/1996	9.81	-	-	17.17
		04/19/1996	10.32	-	-	16.66
		05/10/1996	10.56	-	-	16.42
		06/03/1996	10.46	-	-	16.52
		09/04/1996	10.86	-	-	16.12
		12/02/1996	10.45	-	-	16.53
		02/26/1997	10.38	-	-	16.60
		06/09/1997	10.78	-	-	16.20
		08/25/1997	10.69	-	-	16.29
		11/28/1997	10.15	-	-	16.83
		02/12/1998	9.55	-	-	17.43
		05/20/1998	10.29	-	-	16.69
		08/11/1998	10.67	-	-	16.31
		11/10/1998	10.59	-	-	16.39
		02/11/1999	9.75	-	-	17.23
		05/11/1999	10.38	-	-	16.60
		08/10/1999	10.77	-	-	16.21
		10/26/1999	10.95	-	-	16.03
		02/25/2000	9.50	-	-	17.48
		05/03/2000	10.40	-	-	16.58
		08/02/2000	10.70	-	-	16.28
		11/07/2000	10.38	-	-	16.60
		02/15/2001	9.77	-	-	17.21
MW-6	24.32	12/27/1993	11.24	-	-	13.08
		01/05/1994	11.39	-	-	12.93
		02/08/1994	11.15	-	-	13.17
		03/09/1994	10.97	-	-	13.35
		04/01/1994	11.25	-	-	13.07
		05/10/1994	10.78	-	-	13.54
		06/30/1994	11.49	-	-	12.83
		07/28/1994	11.59	-	-	12.73
		08/31/1994	11.56	-	-	12.76
		09/27/1994	11.65	-	-	12.67
		10/28/1994	11.59	-	-	12.73
		11/15/1994	10.24	-	-	14.08
		12/01/1994	10.30	-	-	14.02
		01/04/1995	9.81	-	-	14.51
		02/01/1995	10.01	-	-	14.31
		03/08/1995	10.64	-	-	13.68
		04/03/1995	10.26	-	-	14.06
		05/18/1995	10.81	-	-	13.51
		06/09/1995	11.07	-	-	13.25
		07/13/1995	10.91	-	-	13.41

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-6 (cont'd)		08/03/1995	11.15	--	--	13.17
		08/29/1995	11.09	--	--	13.23
		09/15/1995	11.35	--	--	12.97
		10/20/1995	11.32	--	--	13.00
		11/15/1995	11.20	--	--	13.12
		01/15/1996	10.83	--	--	13.49
		03/05/1996	9.60	--	--	14.72
		04/19/1996	10.71	--	--	13.61
		05/10/1996	11.05	--	--	13.27
		06/03/1996	10.91	--	--	13.41
		09/04/1996	10.84	--	--	13.48
		12/02/1996	10.46	--	--	13.86
		02/26/1997	10.46	--	--	13.86
		06/09/1997	10.90	--	--	13.42
		08/25/1997	10.84	--	--	13.48
		11/28/1997	10.07	--	--	14.25
		02/12/1998	9.39	--	--	14.93
		05/20/1998	10.85	--	--	13.47
		08/11/1998	11.21	--	--	13.11
		11/10/1998	10.82	--	--	13.50
		02/11/1999	9.39	--	--	14.93
		05/11/1999	10.84	--	--	13.48
		08/10/1999	11.28	--	--	13.04
		10/26/1999	11.43	--	--	12.89
		02/25/2000	9.27	--	--	15.05
		05/03/2000	10.78	--	--	13.54
		08/02/2000	10.92	--	--	13.40
		11/07/2000	10.55	--	--	13.77
		02/15/2001	9.66	--	--	14.66
MW-7	24.88	12/27/1993	11.80	--	--	13.08
		01/05/1994	11.53	--	--	13.35
		02/08/1994	11.90	--	--	12.98
		03/09/1994	11.23	--	--	13.65
		04/01/1994	11.34	--	--	13.54
		05/10/1994	11.02	--	--	13.86
		06/30/1994	11.49	--	--	13.39
		07/28/1994	11.58	--	--	13.30
		08/31/1994	11.69	--	--	13.19
		09/27/1994	11.73	--	--	13.15
		10/28/1994	11.77	--	--	13.11
		11/15/1994	10.29	--	--	14.59
		12/01/1994	10.89	--	--	13.99
		01/04/1995	10.77	--	--	14.11
		02/01/1995	10.70	--	--	14.18
		03/08/1995	11.05	--	--	13.83
		04/03/1995	10.88	--	--	14.00
		05/18/1995	11.12	--	--	13.76
		06/09/1995	11.25	--	--	13.63
		07/13/1995	11.15	--	--	13.73
		08/03/1995	11.32	--	--	13.56
		08/29/1995	11.53	--	--	13.35
		09/15/1995	11.65	--	--	13.23
		10/20/1995	11.64	--	--	13.24
		11/15/1995	11.60	--	--	13.28
		01/15/1996	11.07	--	--	13.81
		03/05/1996	10.50	--	--	14.38

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-7 cont'd		04/19/1996	12.02	--	--	12.86
		05/10/1996	11.14	--	--	13.74
		06/03/1996	11.10	--	--	13.78
		09/04/1996	11.45	--	--	13.43
		12/02/1996	10.96	--	--	13.92
		02/26/1997	11.02	--	--	13.86
		06/09/1997	11.34	--	--	13.54
		08/25/1997	11.25	--	--	13.63
		11/28/1997	10.69	--	--	14.19
		02/12/1998	10.11	--	--	14.77
		05/20/1998	11.20	--	--	13.68
		08/11/1998	11.55	--	--	13.33
		11/10/1998	11.21	--	--	13.67
		02/11/1999	10.27	--	--	14.61
		05/11/1999	11.25	--	--	13.63
		08/10/1999	11.65	--	--	13.23
		10/26/1999	11.76	--	--	13.12
		02/25/2000	10.40	--	--	14.48
		05/03/2000	11.16	--	--	13.72
		08/02/2000	11.25	--	--	13.63
		11/07/2000	11.03	--	--	13.85
		02/15/2001	10.56	--	--	14.32
MW-8	26.12	12/27/1993	12.45	--	--	13.67
		01/05/1994	12.57	--	--	13.55
		02/08/1994	12.02	--	--	14.10
		03/09/1994	12.22	--	--	13.90
		04/01/1994	12.33	--	--	13.79
		05/10/1994	12.00	--	--	14.12
		06/30/1994	12.52	--	--	13.60
		07/28/1994	12.61	--	--	13.51
		08/31/1994	12.72	--	--	13.40
		09/27/1994	12.80	--	--	13.32
		10/28/1994	12.84	--	--	13.28
		11/15/1994	11.72	--	--	14.40
		12/01/1994	11.87	--	--	14.25
		01/04/1995	11.75	--	--	14.37
		02/01/1995	11.64	--	--	14.48
		03/08/1995	12.04	--	--	14.08
		04/03/1995	11.86	--	--	14.26
		05/18/1995	12.11	--	--	14.01
		06/09/1995	12.34	--	--	13.78
		07/13/1995	12.37	--	--	13.75
		08/03/1995	12.50	--	--	13.62
		08/29/1995	12.55	--	--	13.57
		09/15/1995	12.70	--	--	13.42
		10/20/1995	12.69	--	--	13.43
		11/15/1995	12.67	--	--	13.45
		12/11/1995	11.80	--	--	14.32
		01/15/1996	12.38	--	--	13.74
		03/05/1996	11.44	--	--	14.68
		04/19/1996	10.80	--	--	15.32
		05/10/1996	12.40	--	--	13.72
		06/03/1996	12.26	--	--	13.86
		09/04/1996	12.51	--	--	13.61
		12/02/1996	11.99	--	--	14.13
		02/26/1997	11.98	--	--	14.14

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-8 cont'd		06/09/1997	12.36	--	--	13.76
		08/25/1997	12.25	--	--	13.87
		11/28/1997	11.70	--	--	14.42
		02/12/1998	11.34	--	--	14.78
		05/20/1998	12.21	--	--	13.91
		08/11/1998	12.60	--	--	13.52
		11/10/1998	12.26	--	--	13.86
		02/11/1999	11.00	--	--	15.12
		05/11/1999	12.29	--	--	13.83
		08/10/1999	12.72	--	--	13.40
		10/26/1999	12.85	--	--	13.27
		02/25/2000	11.20	--	--	14.92
		05/03/2000	12.15	--	--	13.97
		08/02/2000	12.30	--	--	13.82
		11/07/2000	12.00	--	--	14.12
		02/15/2001	11.40	--	--	14.72
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
		11/10/1998	11.81	--	--	N/A
		02/11/1999	10.66	--	--	N/A
		05/11/1999	11.69	--	--	N/A
	25.03*	08/10/1999	12.67	--	--	12.36
		10/26/1999	12.28	--	--	12.75
		02/25/2000	10.60	--	--	14.43
		05/03/2000	11.70	--	--	13.33
		08/02/2000	11.88	--	--	13.15
		11/07/2000	11.56	--	--	13.47
		02/15/2001	10.95	--	--	14.08
EW-1		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
	26.80*	08/10/1999	12.91	--	--	13.89
		10/26/1999	13.00	--	--	13.80
		02/25/2000	11.41	--	--	15.39
		05/03/2000	12.36	--	--	14.44
		08/02/2000	12.51	--	--	14.29
		11/07/2000	12.27	--	--	14.53
		02/15/2001	11.66	--	--	15.14

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

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-1	12/30/92	1	1	2	2	--	--	1	--	--
	03/24/93	0.4	1	0.32	10	--	--	1	--	--
	06/21/93	<0.3	1	<0.3	6	--	**<100	--	--	--
	09/16/93	<0.3	0.7	2	7	--	**<100	--	--	--
	12/01/93	0.4	1	--	7	--	--	--	--	--
	12/30/93	--	--	1	--	--	<100	--	--	--
	03/09/94	<0.3	<0.3	2.4	4.2	--	<100	--	--	--
	06/30/94	0.6	0.7	1.4	15	--	<100	--	--	--
	09/27/94	0.9	0.5	<0.3	10	--	[a]<250	--	--	--
	12/01/94	0.4	0.4	<0.3	6.6	--	[a]<250	--	--	--
	03/08/95	<0.3	0.6	4.7	2.7	--	[a]<250	--	--	--
	06/09/95	<0.3	1.4	3.9	5.6	--	[a]<250	--	--	--
	08/29/95	0.3	0.9	<0.5	2.8	--	[a]<250	--	--	--
	11/15/95	<0.5	<0.5	<1.0	27	--	[a]<200	--	--	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	--	[a]<200	--	--	--
	06/03/96	<0.5	<1.0	3.7	3.4	340	[a]<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	[a]<200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	4.5	390	[a]<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
MW-2	12/30/92	0.7	<0.3	<0.3	3	190	--	1	[a]ND	--
	03/24/93	0.6	<0.3	<0.3	2	120	--	<1	[a]ND	--
	06/21/93	0.3	<0.3	<0.3	0.7	82	**<100	--	[c]ND	--
	09/16/93	<0.3	<0.3	<0.3	<0.5	28	**<100	--	[c]ND	--
	12/01/93	<0.3	<0.3	<0.3	1	68	--	--	[c]ND	--
	12/30/93	--	--	--	--	--	310	--	--	--
	03/09/94	<0.3	<0.3	<0.3	<0.5	47	<100	--	ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	100	--	ND	--
	09/27/94	<0.3	<0.3	<0.3	<0.5	<10	[a]<250	--	[d]15	--
	12/01/94	<0.3	<0.3	<0.3	<0.5	54	[f]1,300	--	[d]6	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	3,000	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	2,000	--	ND	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	4,300	--	[h]20	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	6,100	--	ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	3,200	--	ND	--
	06/04/96	<0.5	<1.0	<1.0	<2.0	<100	3,800	--	ND	--
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	3,100	--	--	--

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-2 cont	12/02/96	<0.5	<1.0	<1.0	<2.0	<100	2,200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	2,100	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	<100	2,400	--	--	<10
	08/25/97	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	0.6	<0.5	<0.5	<2.0	<50	1,900	--	--	<5
	02/12/98	<0.5	<0.5	<0.5	<2.0	<50	1,600	--	--	<5
	05/20/98	<0.5	<0.5	<0.5	<2.0	<50	3,100	--	--	<5
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	1,200	--	--	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	<50	820	--	--	<2.5
	02/11/99	<0.50	<0.50	<0.50	<0.50	<50	<500	--	--	3.3
	05/11/99	<0.5	<0.5	<0.5	<0.5	<50	1,400	--	--	<2.5
	08/10/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	980	--	--	1.4
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	0.6
	08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.0
	11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.4
	02/15/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.0
MW-3	12/30/92	11	0.9	<0.3	2	910	SPH	20	[a]ND	--
	03/24/93	28	0.7	1	8	3,300	SPH	28	[a][e]15	--
	06/21/93	21	5	2	19	[e]2,600	32,000	26	[cd]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	[e]5,700	[e]63	[a]ND	--
	06/30/94	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	09/27/94	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	12/01/94	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	03/08/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	06/09/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	08/29/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	11/15/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	03/05/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	06/03/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	09/04/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	12/02/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	02/26/97	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	06/09/97	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	08/25/97	5	6	5	16	5,600	110,000	--	--	<30
	11/28/97	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	02/12/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	05/20/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	08/11/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--	SPH
	11/10/98	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	02/11/99	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	05/11/99	5.2	<0.5	<0.5	<0.5	530	59,000	--	--	<2.0
	08/10/99	<0.5	<0.5	<0.5	<0.5	2,200	54,000	--	--	2.2
	10/26/99	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
	02/25/00	<5.0	<5.0	<5.0	<5.0	7,800	130,000	--	--	20
	05/03/00	<0.5	<0.5	<0.5	<0.5	1,100	42,000	--	--	2.2
	08/02/00	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--	--
	11/07/00	<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	430	73,000	--	--	0.7
MW-4	12/30/92	2	<0.3	1	<0.5	1,200	--	<1	[a]ND	--
	03/24/93	<0.3	<0.3	<0.3	<0.5	750	--	2	[a][e]7	--
	06/21/93	<0.3	2	<0.3	0.5	660	19,000	--	[a]ND	--
	09/16/93	0.3	<0.3	2	3	410	2,500	--	[a]ND	--

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-4 cont	12/01/93	<0.3	<0.3	<0.3	<0.5	150	390	--	[a]ND	--
	03/09/94	0.7	0.8	2	3.6	1,500	780	--	[a]ND	--
	06/30/94	<0.3	1.7	0.5	1	450	130	--	ND	--
	09/27/94	0.5	<0.3	<0.3	<0.5	110	1,100	--	ND	--
	12/01/94	0.6	0.5	0.3	0.8	290	580	--	[a]<5	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	360	1,000	--	[a]<5	--
	06/09/95	<0.3	0.4	<0.3	<0.5	64	1,100	--	[a]<5	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	1,200	--	[a]<5	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	2,100	--	[a]ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	590	--	[a]ND	--
	06/04/96	<0.5	<1.0	<1.0	<2.0	<100	860	--	ND	--
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	600	--	--	--
	12/02/96	<0.5	<1.0	<1.0	<2.0	<100	940	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	390	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	<100	630	--	--	<10
	08/25/97	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	3.6	3.9	3.7	12	120	<200	--	--	<5
	02/12/98	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	05/20/98	<0.5	<0.5	<0.5	<2.0	<50	300	--	--	<5
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	62	610	--	--	<2.5
	02/11/99	<0.50	2.4	1.3	6.5	140	<500	--	--	8.0
	05/11/99	<0.5	<0.5	<0.5	<0.5	<50	330	--	--	<2.0
	08/10/99	<0.5	<0.5	<0.5	2.6	470	<250	--	--	2.5
	10/26/99	<0.5	<0.5	<0.5	<0.5	<50	1,300	--	--	3.5/2.2[j]
	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[i]	<0.5/<0.5[i]	<0.5/<0.5[i]	<0.5/<0.5[i]	<50	<100	--	--	2.4
MW-5	12/30/92	<0.3	<0.3	<0.3	<0.5	37	--	<1	[b]c5	--
	03/24/93	<0.3	<0.3	<0.3	0.5	19	--	2	[c,e]341	--
	06/21/93	<0.3	<0.3	<0.3	<0.5	<10	<100	--	[c]ND	--
	09/16/93	0.3	<0.3	<0.3	1	<10	<100	--	[c]ND	--
	12/01/93	<0.3	<0.3	<0.3	1	17	--	--	[c]ND	--
	12/30/93	--	--	--	--	--	<100	--	-	--
	03/09/94	<0.3	<0.3	<0.3	<0.5	22	<100	--	[c]ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	<100	--	ND	--
	09/27/94	0.5	0.4	<0.3	<0.5	<10	560	--	ND	--
	12/01/94	<0.3	<0.3	<0.3	<0.5	<10	<250	--	ND	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	<250	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	[d]7	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	[h]36	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	--	ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	<200	--	ND	--
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	310	--	--	--
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	--	--	--
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/97	>0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-5 cont	02/12/98	<0.5	<0.5	<0.5	<0.5	<50	<200	--	--	<5
	05/20/98	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	<2.5
	11/10/98	NS	NS	NS	NS	NS	NS	--	--	NS
	02/11/99	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	3.2
	05/11/99	--	--	--	--	--	--	--	--	--
	08/10/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	5.6
	10/26/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	3.5
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.9
	08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	5.2
	11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	4.2
	02/15/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	3.1
MW-6	12/27/93	<0.3	<0.3	<0.3	<0.5	<10	<100	<1	[a]70	--
	03/09/94	<0.3	<0.3	<0.3	<0.5	15	<100	--	[c]ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	<100	--	[n]D	--
	09/27/94	<0.3	<0.3	<0.3	<0.5	<10	<250	--	[d]8	--
	12/01/94	<0.3	<0.3	<0.3	<0.5	<10	<250	--	[g]32	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	<250	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	ND	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	[h]24	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	--	[g]31	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	<200	--	ND	--
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	230	--	--	--
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	NS	NS	NS
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/97	<0.5	1.1	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/12/98	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	05/20/98	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	<2.5
	11/10/98	NS	NS	NS	NS	NS	NS	--	--	NS
	02/11/99	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	7.1
	05/11/99	--	--	--	--	--	--	--	--	--
	08/10/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	<2.0
	10/26/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	02/15/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
MW-7	12/27/93	<0.3	<0.3	1	2	140	<100	<1	[a]40	--
	03/09/94	<0.3	<1.0	1.5	4.1	620	<100	--	[c]ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	33	<100	--	ND	--
	09/27/94	<0.3	<0.3	0.4	0.7	52	[e]<250	--	ND	--
	12/01/94	<0.3	<0.3	<0.3	1.1	<10	[e]<250	--	[g]28	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	[e]<250	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	ND	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	--	[h]13	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	--	ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	270	--	ND	--
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	<200	--	--	--
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-7 cont	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	NS	NS	NS
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/97	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/12/98	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	05/20/98	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	<500	--	--	<2.5
	11/10/98	NS	NS	NS	NS	NS	NS	--	--	NS
	02/11/99	<0.5	<0.5	<0.5	<0.5	130	<500	--	--	5.8
	05/11/99	--	--	--	--	--	--	--	--	--
	08/10/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	<2.0
	10/26/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	02/15/01	<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	[a]18	--
	03/09/94	0.6	0.8	0.5	1.5	420	<100	--	[a]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	[e]<250	--	[d]9	--
	12/01/94	5.4	<0.3	0.7	1.3	230	[e]<250	--	[c]ND	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	230	[e]<250	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	[e]<250	--	ND	--
	08/29/95	0.9	0.4	<0.3	0.8	200	[e]<250	--	[h]15	--
	11/15/95	0.58	<0.5	<0.5	0.54	120	--	--	[g]21	--
	12/11/95	--	--	--	--	--	[e]<200	--	--	--
	03/05/96	0.6	<1.0	<1.0	<2.0	<100	[e]<200	--	ND	--
	06/03/96	<0.5	<1.0	<1.0	<2.0	100	--	--	--	--
	09/04/96	<0.5	<1.0	<1.0	<2.0	110	<200	--	--	--
	12/02/96	<0.5	<1.0	<1.0	<2.0	110	<200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	110	<200	--	--	<10
	08/25/97	<0.5	<0.5	<0.5	<2.0	70	<200	--	--	<5
	11/28/97	<0.5	<0.5	<0.5	<2.0	110	<200	--	--	<5
	02/12/98	<0.5	<0.5	0.6	<2.0	70	<200	--	--	<5
	05/20/98	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	08/11/98	<0.5	<0.5	<0.5	<0.5	64	<500	--	--	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	52	<250	--	--	<2.5
	02/11/99	<0.50	<0.50	<0.50	<0.50	59	<500	--	--	<2.5
	05/11/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	<2.5
	08/10/99	<0.5	<0.5	<0.5	<0.5	72	<250	--	--	<2.0
	10/26/99	<0.5	<0.5	<0.5	<0.5	63	<250	--	--	<2.5
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	02/15/01	<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

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-9	11/10/98	<0.50	<0.50	<0.50	<0.50	220	<250	--	--	<2.5
cont	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
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
	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

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:

(Product thickness) x (0.8) + (Water elevation) = 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 then 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.

Thur 2/15

SITE VISIT FORM
IT Corporation - Concord, California

Project: **823291.00** Technician: H Merino
Site: **SEARS/#1058/Oakland, CA** Scheduled: **12/25/2000**
Project Mgr: **David Bero** Site Mgr:

PREPARATORY COMMENTS

Visit Date: 02-15-01 Arrival Time: _____ Departure Time: _____

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 Site Safety Plan? (Y)/N

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

Job # and task #

GROUNDWATER SAMPLING - Task Nr: 03054300 [Quarterly]

SITE ADDRESS: 2633 Telegraph Avenue, Oakland, CA

cc: **David Bero**

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

Notify Amir Gholami 72 hrs in advance (510) 567-6876 DONE: left message 2/13/01 @ 7.25

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

1. Monitor and sample all wells (MW-1 through MW-9 and EW-1) in the following order: MW-5, MW-6, MW-7, MW-8, MW-1, MW-9, MW-4, MW-2, MW-3 and the extraction well (EW-1) located next to MW-3. USE DISPOSABLE BAILERS. Collect two (2) 40ml, HCL-preserved VOAs from all wells.

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

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

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

SITE VISIT FORM
IT Corporation - Concord, California

Project: **823291.00** Technician: H Merino
Site: **SEARS/#1058/Oakland, CA** Scheduled: **12/25/2000**
Project Mgr: **David Bero** Site Mgr:

GROUNDWATER SAMPLING (Continued) - Task Nr: 03054300 [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 WASTE INVENTORY FORM? Yes. IF NO, EXPLAIN _____.

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

HOURS ESTIMATED FOR FEB/AUG 6.0 MAY/NOV 5.0

Hours Estimated	6.00	Hours Used	

FINAL CHECKS

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

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

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

SOIL pile? Y/N size:_____cu.yds. SITE LEFT CLEAN? Y/N

TECHNICIAN'S COMMENTS

Opened all wells before gauging.

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

SITE VISIT FORM
IT Corporation

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

Technician: [signature]
Schedule:
Job No. 823291.03054300

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

Well ID				
MW-1:	DTB_21.72	DTW 9.40	SAT. THICK ___	#GAL. BAILED_____
MW-2:	DTB_21.79	DTW 10.16	SAT. THICK___	#GAL. BAILED_____
MW-3:	DTB_24.67	DTW 11.61	SAT. THICK___	#GAL. BAILED_____
MW-4:	DTB_22.97	DTW 10.98	SAT. THICK___	#GAL. BAILED_____
MW-5:	DTB_25.27	DTW 9.77	SAT. THICK___	#GAL. BAILED_____
MW-6:	DTB_22.05	DTW 9.66	SAT. THICK ___	#GAL. BAILED_____
MW-7:	DTB_21.70	DTW 10.56	SAT. THICK___	#GAL. BAILED_____
MW-8:	DTB_22.14	DTW 11.40	SAT. THICK___	#GAL. BAILED_____
MW-9	DTB_20.30	DTW 10.95	SAT. THICK___	#GAL. BAILED_____
EW-1	DTB_22.30	DTW 11.66	SAT. THICK___	#GAL. BAILED_____

NOTES: Opened all well before gauging.
Replaced sock in MW3 2 drums behind old Auto Center.

HOURS ESTIMATED: HOURS USED:

FINAL CHECKS

Are Wells Locked? (YES) NO Why Not?

Are Manholes Bolted Down? ~~YES~~ (NO) Why Not? Some manholes missing bolts.

DRUMMED MATERIAL INVENTORY FORM

Store Number 1058 Address/City/State/ZIP 2633 Telegraph Ave. Oakland

Sears Facility Contact and Phone #

IT Corporation Representative Hector Moreno

Accumulation Start Date 02-15-01 Completion Date: 02-15-01

Exact Drum Storage Location Behind the auto Center Building is 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	O or B	H / (N) / U	Black & white
GASOLINE TANK BOTTOMS/SLUDGE			O or B	H / N / U	
GASOLINE IMPACTED DEBRIS			O or B	H / N / U	
GASOLINE IMPACTED SOIL			O or B	H / N / U	
FUEL OIL (INC. DIESEL & HEATING OIL)			O or B	H / N / U	
FUEL OIL/WATER MIXTURE			O or B	H / N / U	
FUEL OIL IMPACTED PURGE WATER			O or B	H / N / U	
FUEL OIL TANKS BOTTOMS/SLUDGE			O or B	H / N / U	
FUEL OIL IMPACTED DEBRIS			O or B	H / N / U	
FUEL OIL IMPACTED SOIL			O or B	H / N / U	
HYDRAULIC FLUID			O or B	H / N / U	
HYDRAULIC FLUID/WATER MIXTURE			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED PURGE WATER			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED SLUDGE			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED DEBRIS			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED SOIL			O or B	H / N / U	
USED OIL			O or B	H / N / U	
USED OIL/WATER MIXTURE			O or B	H / N / U	
USED OIL IMPACTED PURGE WATER			O or B	H / N / U	
USED OIL TANK BOTTOMS/SLUDGE			O or B	H / N / U	
USED OIL IMPACTED DEBRIS			O or B	H / N / U	
USED OIL IMPACTED SOIL			O or B	H / N / U	
CHLORINATED SOLVENT:			O or B	H / N / U	
NON-CHLORINATED SOLVENT:			O or B	H / N / U	
OTHER:			O or B	H / N / U	
OTHER:			O or B	H / N / U	
OTHER:			O or B	H / N / U	

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

DRUMMED MATERIAL INVENTORY FORM

Store Number 1058 City/State Oakland Ca.

IT Corporation Representative Hector Merino

THERE SHOULD NEVER BE 2 DRUMS WITH THE SAME DRUM ID PRESENT AT A SITE AT THE SAME TIME

DRUM ID	ACCUMU-LATION START DATE	CONTENTS (as on label) VOLUME (if mixed waste)	SOURCE (be specific)	SLUDGE PRESENT Y/N	VOLUME (gallon)
A	2-15-01	Purge Water	Groundwater	NO	55
B	2-15-01	Purge Water	Groundwater	NO	55

EXAMPLE

A	6/24/94	diesel(3)/water(8)	diesel lines, flush water	no	11

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 # _____

IT Corporation Representative Hector Merino

Accumulation Start Date 2-15-01 Completion Date 2-15-01

Exact Bulk Storage Location Behind old Auto Center

Building is between 27th & 26th ST.

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 _____ ÷ 2 ÷ 27 = _____ Yds^3

Calculation for a rectangular or square shaped soil pile:

Length _____ X Width _____ X Height _____ ÷ 27 = _____ Yds^3

Calculation for a conical (cone) shaped soil pile:

.04 X Radius _____ X Radius _____ X Height _____ = _____ Yds^3

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 02-15-01
Page _____ of _____
Project Manager: David Bero

Well ID: MW-01
Well Diameter: 2

DTW Measurements:
Initial: 9.40
Recharge: _____
DTB: 21.72

Calc Well Volume: 2.0 gal
Well Volume: X3 6.0 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

Pump Depth _____ ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____
Other: _____

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	20.3	0.53	6.39		2	cloudy	
	20.9	0.52	6.45		3		
	20.8	0.50	6.46		4		
	20.8	0.51	6.43		5		
	20.8	0.51	6.41		6		

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 02.15.01
Page _____ of _____
Project Manager: David Bero

Well ID: MW-2
Well Diameter: 2

DTW Measurements:
Initial: 10.16
Recharge: _____
DTB: 21.79

Calc Well Volume: 1.8 gal
Well Volume: X3 10.7 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

Pump Depth _____ ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____
Other: _____

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	19.3	0.54	6.45		2	cloudy	
	20.5	0.55	6.47		4		
	20.5	0.54	6.46		6		
	21.0	0.55	6.43		8		Dry @ 8 Gallons
					10		

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 02-15-01
Page ____ of ____
Project Manager: David Bero

Well ID: MW-3
Well Diameter: 2

DTW Measurements:
Initial: 11.61
Recharge: ____
DTB: 24.67

Calc Well Volume: 2.1 gal
Well Volume: X3 6.3 gal

Purge Method
Peristaltic ____
Gear Drive ____
Submersible X

Pump Depth ____ ft.
Hand Bailed ____
Air Lift ____
Other ____

Instruments Used
YSI: X
Hydac: ____
Omega: ____
Other: ____

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	18.9	0.55	6.70		2	cloudy	GREY odor, sheen
	18.9	0.55	6.72		3		
	19.0	0.57	6.71		4		
	18.9	0.55	6.69		5		
	19.9	0.57	6.65		6	↓	↓

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 02-15-01
Page _____ of _____
Project Manager: David Bero

Well ID: MW-4
Well Diameter: 2

DTW Measurements:
Initial: 10.98
Recharge: _____
DTB: 22.97

Calc Well Volume: 1.9 gal
Well Volume X3 5.8 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

Pump Depth _____ ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____
Other: _____

Time	Temp ~~X~~ C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	21.3	0.57	6.31		1	cloudy	
	21.4	0.62	6.28		2		
	21.6	0.64	6.25		3		
	21.6	0.63	6.25		4		
	21.8	0.63	6.27		5		
	21.9	0.63	6.28		6		

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 02-15-01
Page ____ of ____
Project Manager: David Bero

Well ID: MW-5
Well Diameter: 2

DTW Measurements:
Initial: 9.77
Recharge: ____
DTB: 25.27

Calc Well Volume: 25 gal
Well Volume X3 75 gal

Purge Method
Peristaltic ____
Gear Drive ____
Submersible X

Pump Depth ____ ft.
Hand Bailed ____
Air Lift ____
Other ____

Instruments Used
YSI: X
Hydac: ____
Omega: ____
Other: ____

Time	Temp ___ C ___ F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	20.8	0.60	6.35		2	cloudy	
	20.9	0.60	6.34		3		
	20.8	0.60	6.34		4		
	20.8	0.59	6.36		5		
	20.9	0.61	6.35		6		
	20.9	0.62	6.35	✓	7	✓	

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 02-15-01
Page _____ of _____
Project Manager: David Bero

Well ID: MW-06
Well Diameter: 2

DTW Measurements:
Initial: 9.66
Recharge: _____
DTB: 22-05

Calc Well Volume: 2.0 gal
Well Volume: x3 6.0 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

Pump Depth _____ ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____
Other: _____

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	20.2	0.44	6.36		2	cloudy	
	20.2	0.44	6.37		3		
	20.0	0.44	6.35		4		
	20.0	0.44	6.34		5		
	20.0	0.43	6.34		6		

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 02-15-01
Page _____ of _____
Project Manager: David Bero

Well ID: MW-7
Well Diameter: 2

DTW Measurements:
Initial: 10.56
Recharge: _____
DTB: 21.70

Calc Well Volume: 1.8 gal
Well Volume X3 5.4 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

Pump Depth _____ ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____
Other: _____

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	17.0	0.43	6.96		1	cloudy	
	18.2	0.55	6.87		2		
	18.5	0.57	6.83		3		
	18.7	0.59	6.82		4		
	18.8	0.60	6.80		5	↓	

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 02-15-01
Page _____ of _____
Project Manager: David Bero

Well ID: MW-8
Well Diameter: 2

DTW Measurements:
Initial: 11.90
Recharge: _____
DTB: 22.14

Calc Well Volume: 1.7 gal
Well Volume X3 5.1 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

Pump Depth _____ ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____
Other: _____

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	18.6	0.61	6.42		1	Cloudy	
	19.2	0.65	6.40		2		
	20.4	0.65	6.36		3		
	20.7	0.64	6.35		4		
	20.9	0.64	6.34		5		

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 2-15-01
Page _____ of _____
Project Manager: David Bero

Well ID: MW-9
Well Diameter: 2

DTW Measurements:
Initial: 10.95
Recharge: _____
DTB: 20.30

Calc Well Volume: 1.5 gal
Well Volume: X3 4.5 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

Pump Depth _____ ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____
Other: _____

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	20.0	0.40	6.24		1	cloudy	
	19.3	0.62	6.12		2		
	19.4	0.62	6.13		3		
	19.4	0.63	6.14		4		
	19.5	0.64	6.16		5	↓	

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 823291.03054300

Date: 02-15-01
Page _____ of _____
Project Manager: David Bero

Well ID: EW-01
Well Diameter: 4

DTW Measurements:
Initial: 11.66
Recharge: _____
DTB: 22.30

Calc Well Volume: 6.9 gal
Well Volume: x3 20.8 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

Pump Depth _____ ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____
Other: _____

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	20.8	0.72	6.32		5	cloudy	
	20.8	0.73	6.33		10	↓	
	20.9	0.75	6.38		15		
	21.0	0.75	6.42		20		

ZymaX
71 Zaca Lane San Luis Obispo CA 93401 tel 805.544.4696 fax 805.544.8226

CHAIN of CUSTODY

Report to: David Bero
Company: IT corp
Address: 4005 Port Chicago Hwy, Concord Ca. 94520
phone: (925) 288-9898
fax: (925) 288-0858
project: 823291-03054300
project #: Sears Oakland #1058
sampler: Hector Merino

ANALYSIS REQUESTED: TPH-G (TPH Gas/BTEX/MTBE combo) | 5 Oxygenates, 1,2-DCA, EDB (8260 combo) | Btex (8260)

Turnaround Time: ASAP / 48 hr / 12 hr / 72 hr / 24 hr / std

ZymaX use only	SAMPLE DESCRIPTION	* Date Sampled	Time	Matrix	Preserve	TPH-G	Oxygenates	Btex (8260)	# of containers	Remarks
2926-1	MW-7	2/15/01	10:00	GW	Hcl	X	X			
-2	MW-8	↓	10:20	GW	Hcl	X	X			
-3	MW-5		11:00	GW	Hcl	X	X			
-4	MW-1		11:15	GW	Hcl	X	X			
-5	MW-6		11:26	GW	Hcl	X	X			
-6	MW-9		12:10	GW	Hcl	X	X			
-7	MW-2		12:19	GW	Hcl	X	X			
-8	MW-4		12:35	GW	Hcl	X	X			
-9	DUP		12:35	GW	Hcl	(scribbled out)	(scribbled out)	X		
-10	*MW-3		—	GW	↓	⊗	⊗			
-11	*EW-01	↓	—	GW	↓	⊗	⊗			

Comments: ⊗ 2/21/01 per D. Bero -ab

Relinquished by:
Signature: [signature]
Print: Hector Merino
Company: IT Corp
Date: 2-15-01 Time:

Received by:
Signature: [signature]
Print: Frank Vargas
Company: ZymaX
Date: 2-20-01 Time: 10:30 pm

Sample integrity upon receipt:
- Samples received intact ☐
- Samples received cold ☐
- Custody seals ☐
- 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:

email: zymax@ZymaXusa.com

ZymaX

71 Zaca Lane San Luis Obispo CA 93401 tel 805.544.4696 fax 805.544.8226

CHAIN of CUSTODY

report to: David Bess | phone | fax

company: IT Corp | project: 823291-030541300

address | project #: San Jose/Oakland #1058

sampler

ANALYSIS REQUESTED

Turnaround Time

ASAP ☐ 48 hr ☐ 12 hr ☐ 72 hr ☐ 24 hr ☐ std ☐

ZymaX use only	SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	BTEX	# of containers	Remarks
2926-12	TBLB	2/15/01	—	AQ	HCl	X		

comments
1) 2/21/01 per D. Bess - ab

Relinquished by:
Signature
Print
Company
Date Time

Received by:
Signature
Print
Company
Date Time

Relinquished by:
Signature
Print
Company
Date Time

Received by ZymaX envirotechnology inc:
Signature
Print
Company
Date Time

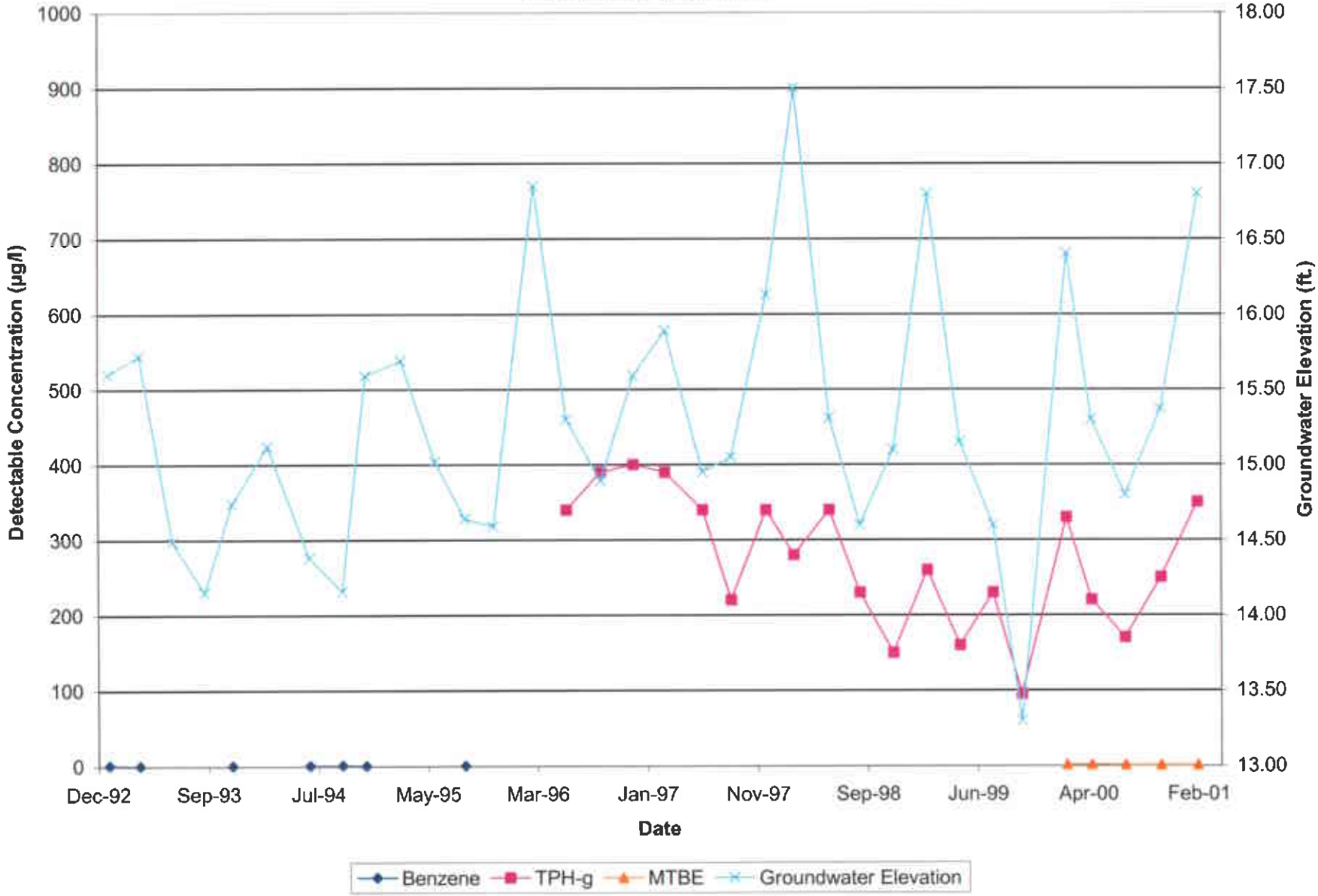
sample integrity upon receipt:
Samples received intact ☐
Samples received cold ☐
Custody seals ☐
Correct container types ☐

Bill 3rd Party:

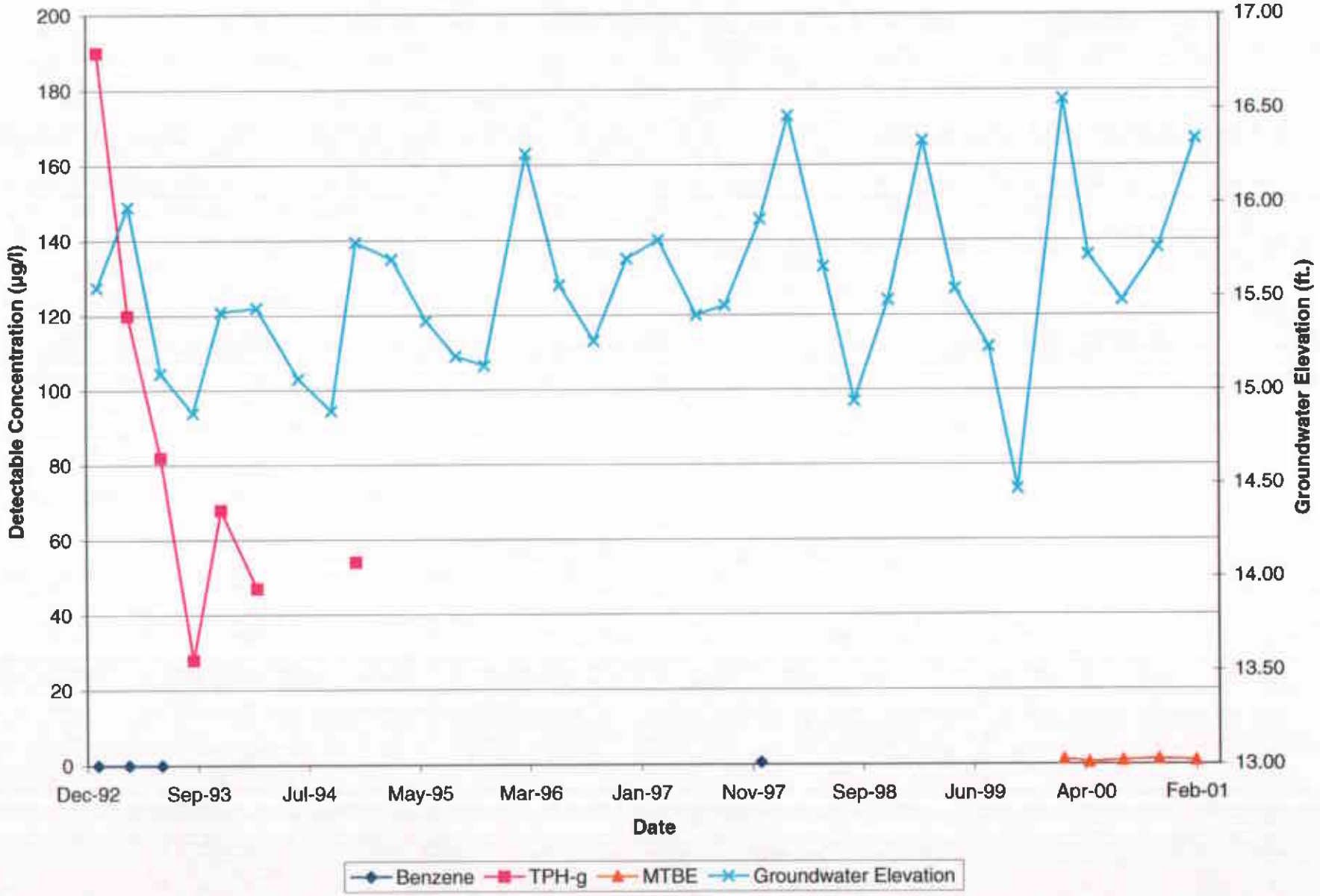
PO# _____
Quote yes no

email: zymax@ZymaXusa.com

Graph 1, MW-1
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



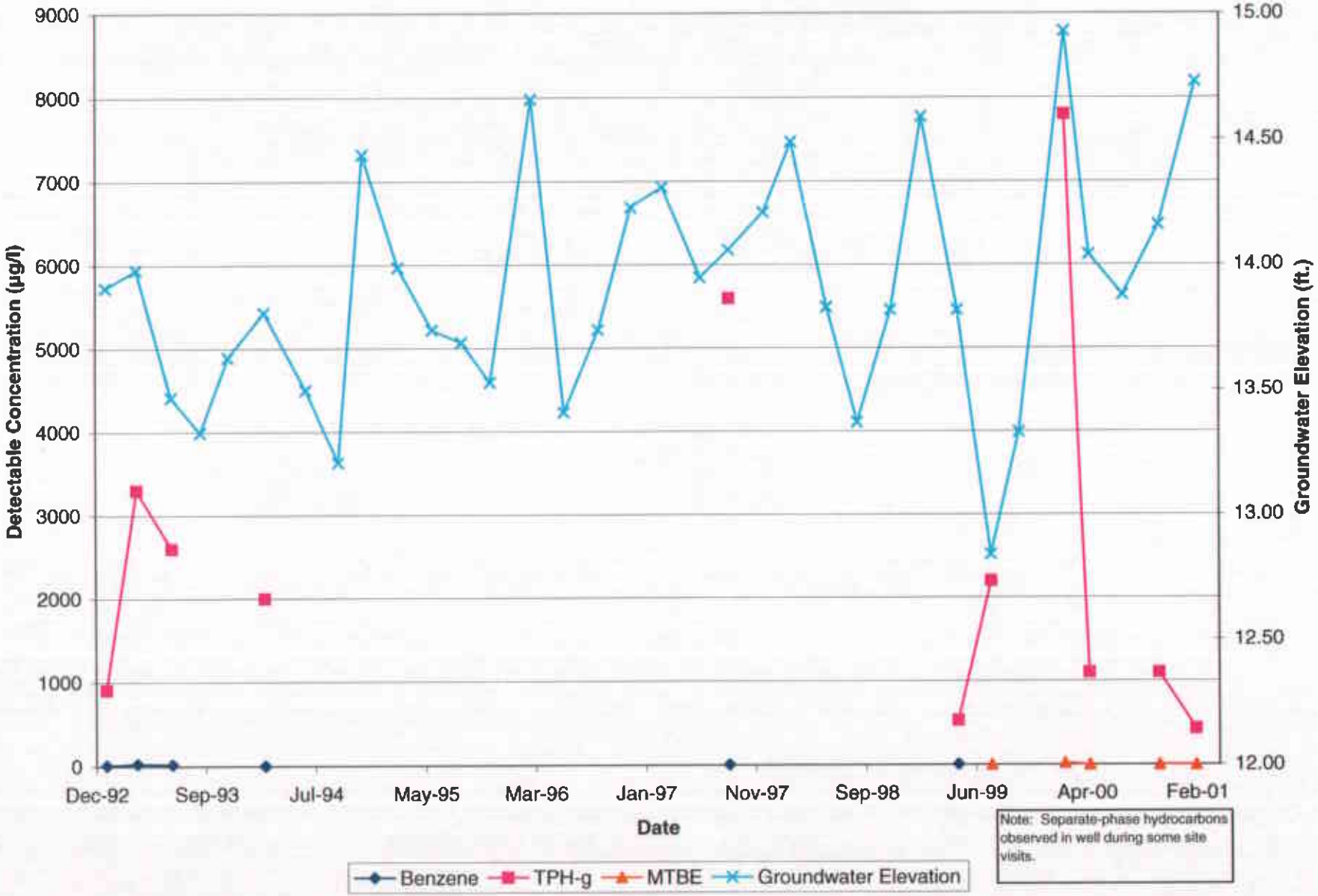
Graph 2, MW-2
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



1058Q101HYD.XLS

IT CORPORATION

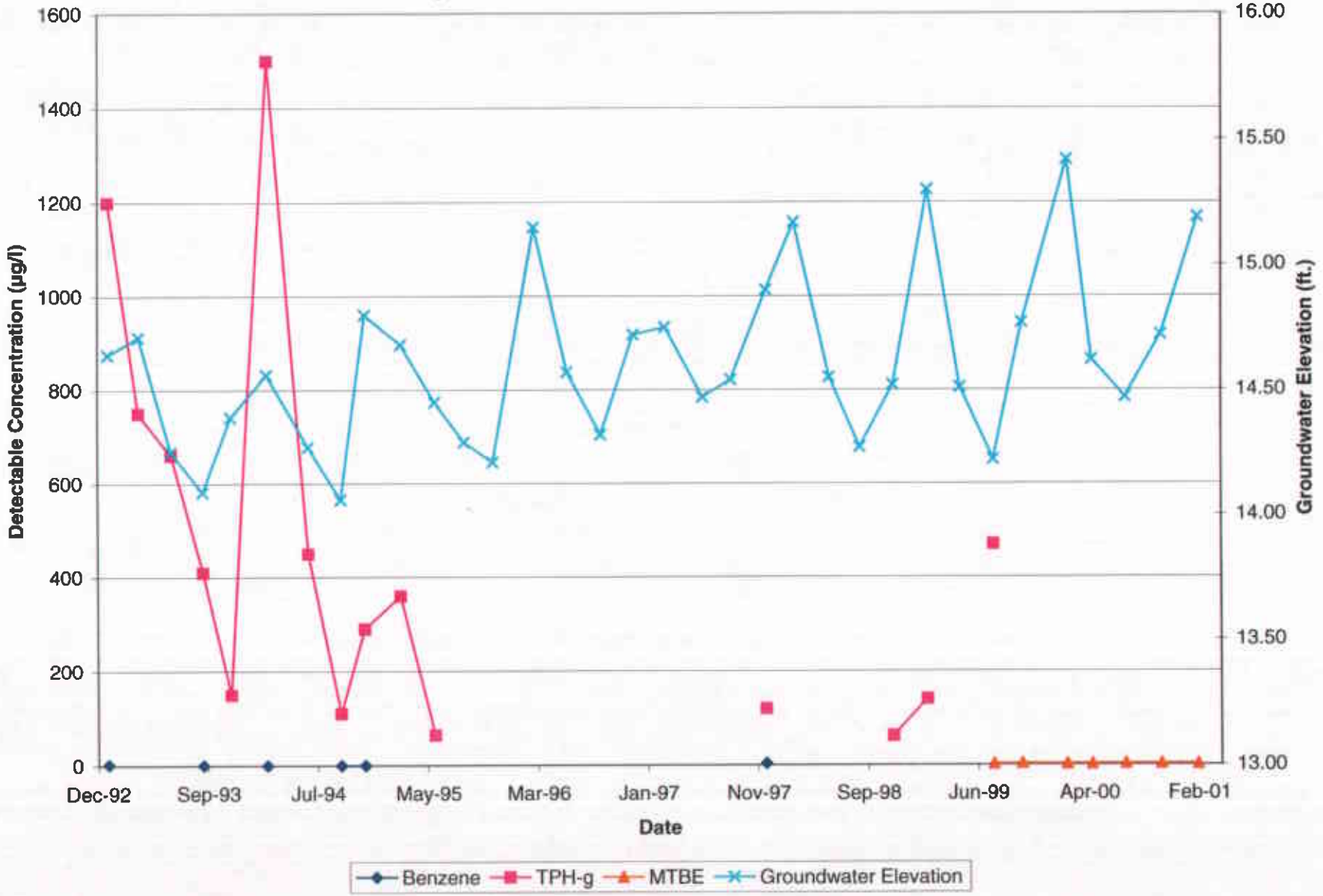
Graph 3, MW-3
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



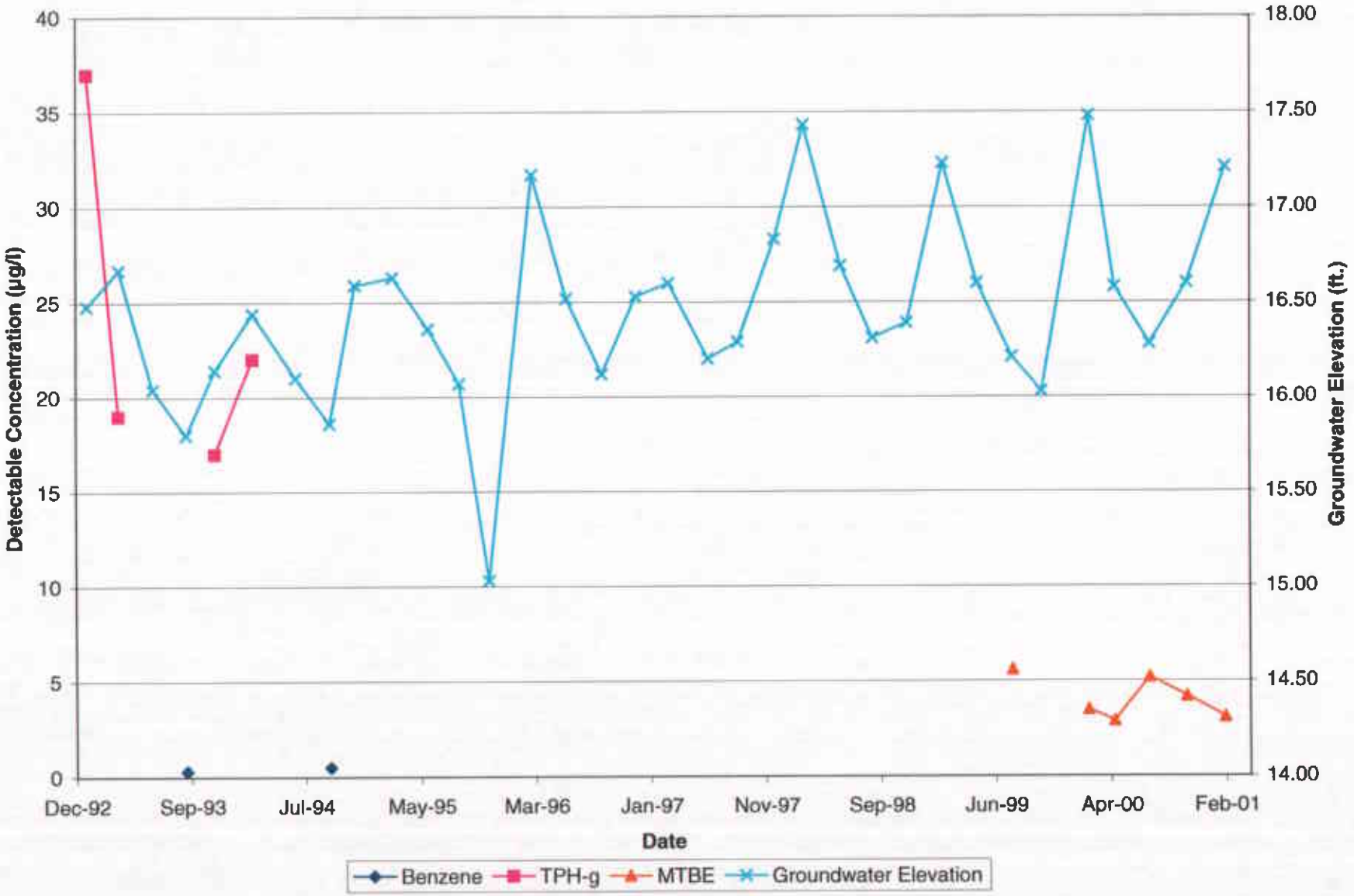
1058Q101HYD.XLS

IT CORPORATION

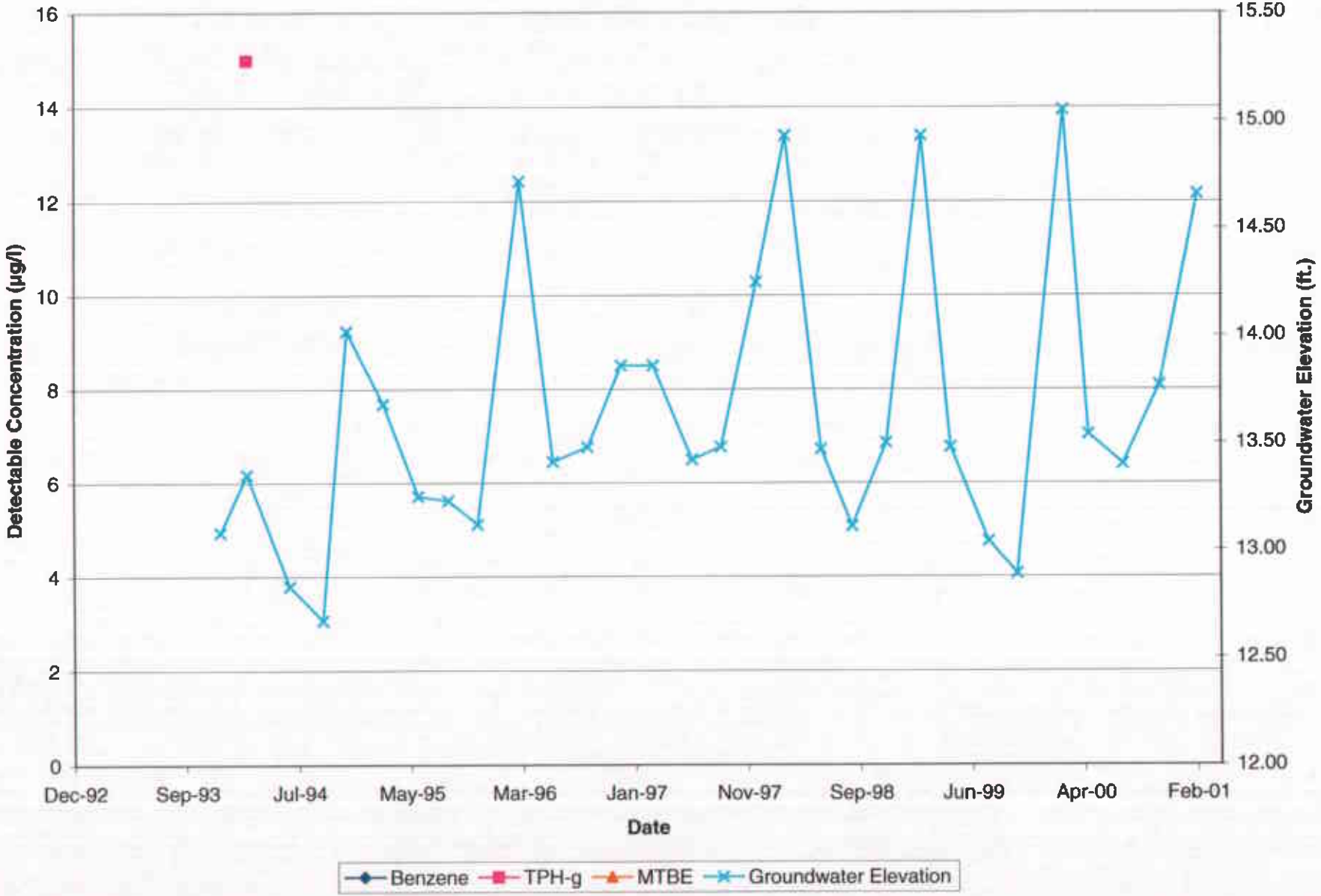
Graph 4, MW-4
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



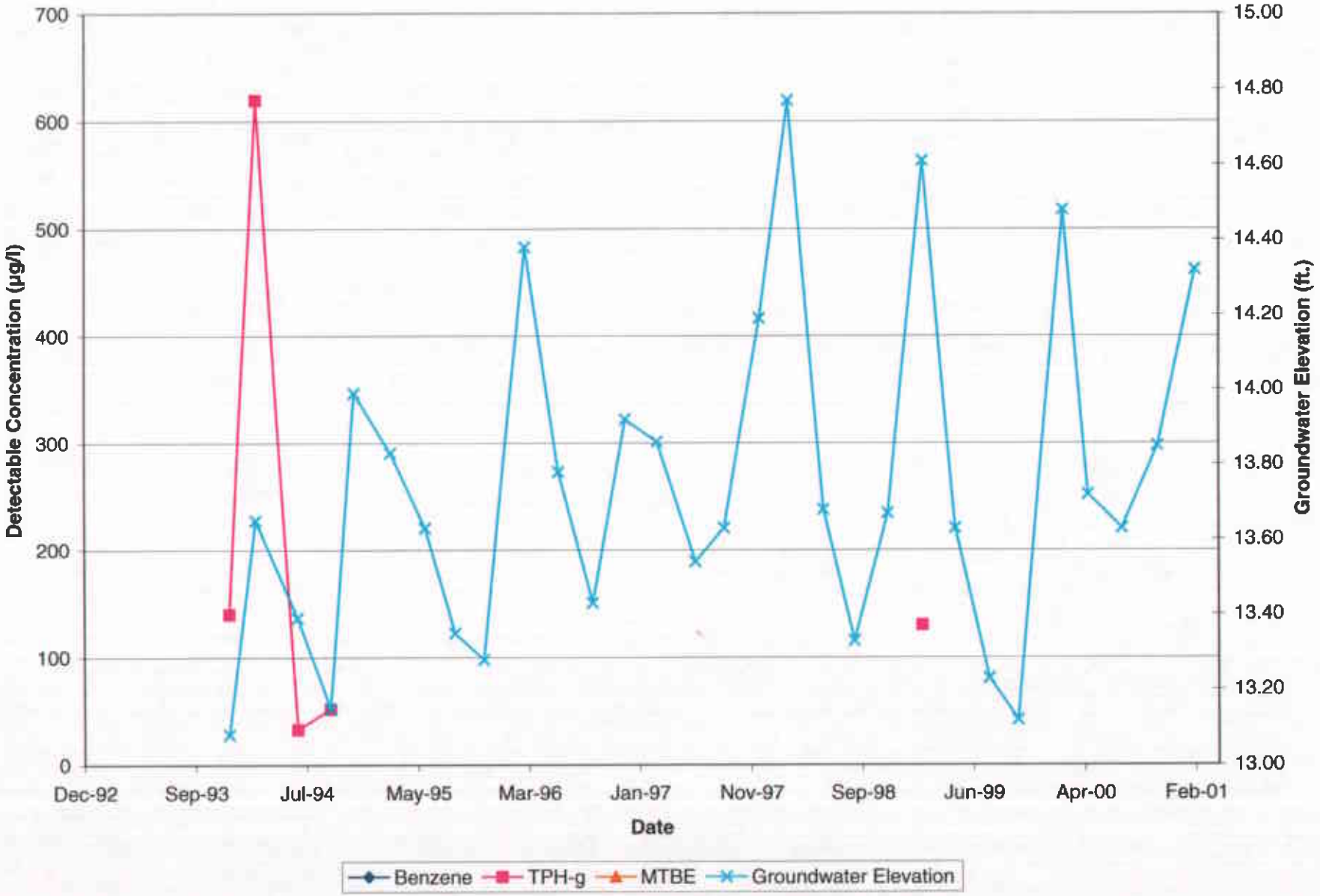
Graph 5, MW-5
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Graph 6, MW-6
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



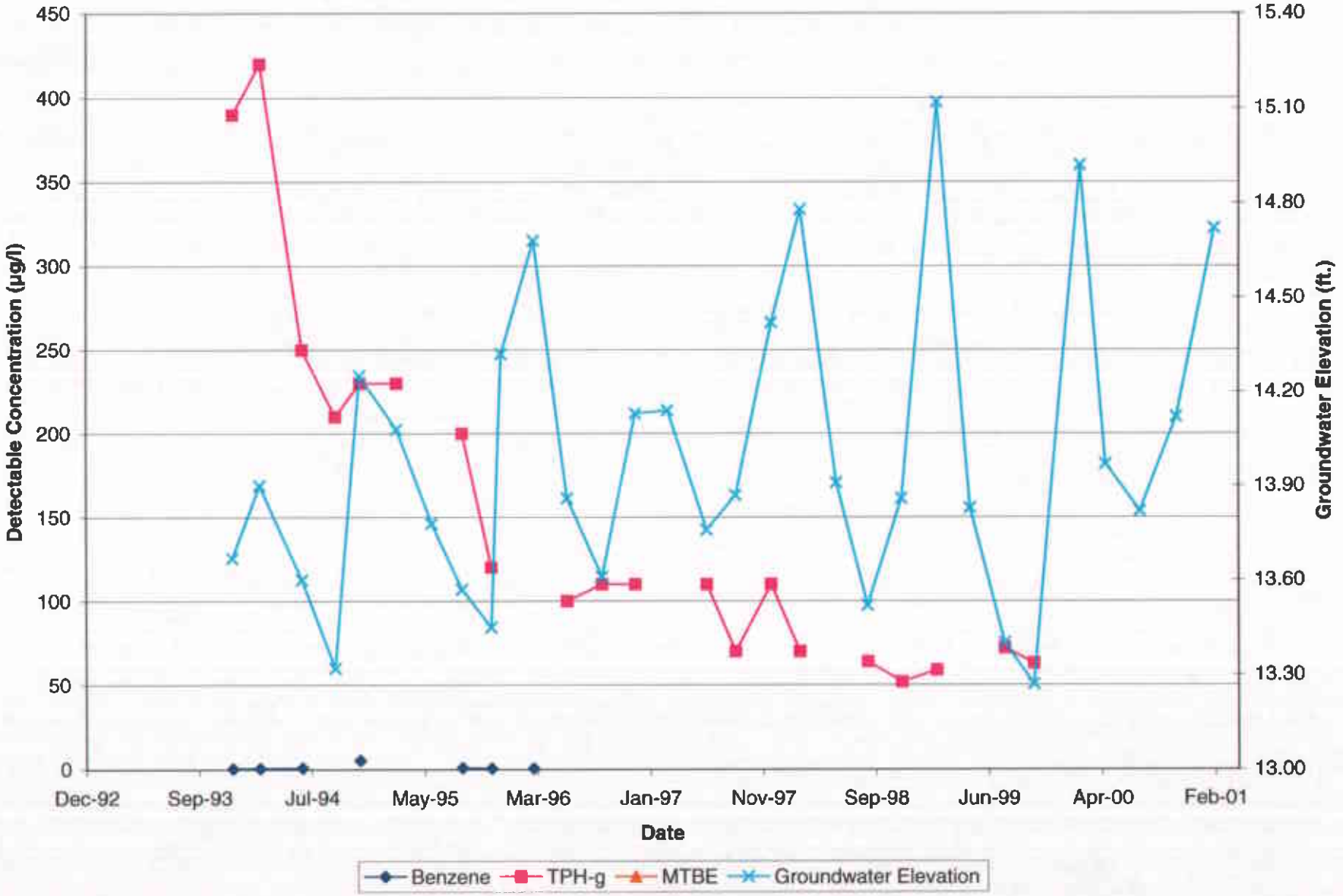
Graph 7, MW-7
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



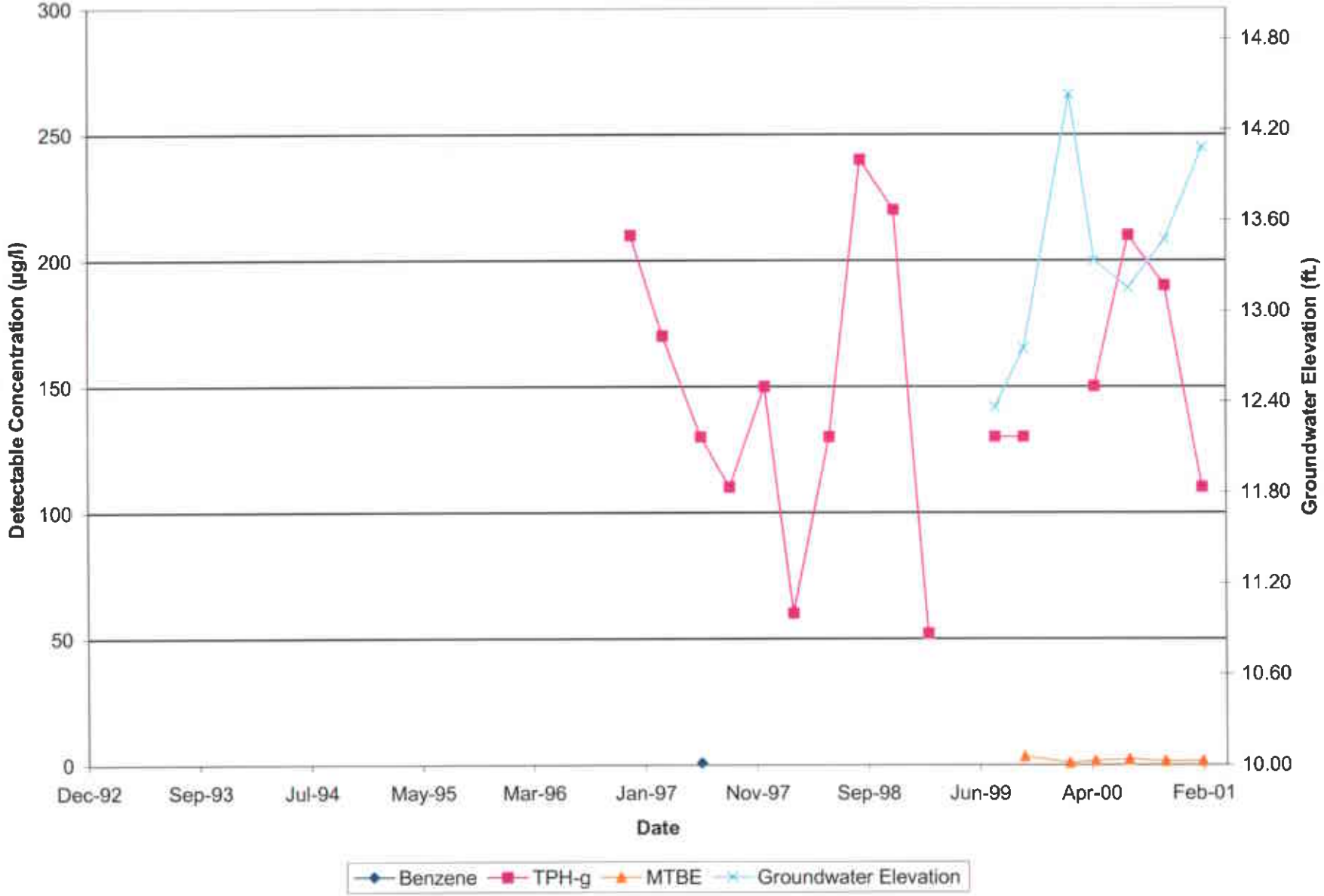
1058Q101HYD.XLS

IT CORPORATION

Graph 8, MW-8
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



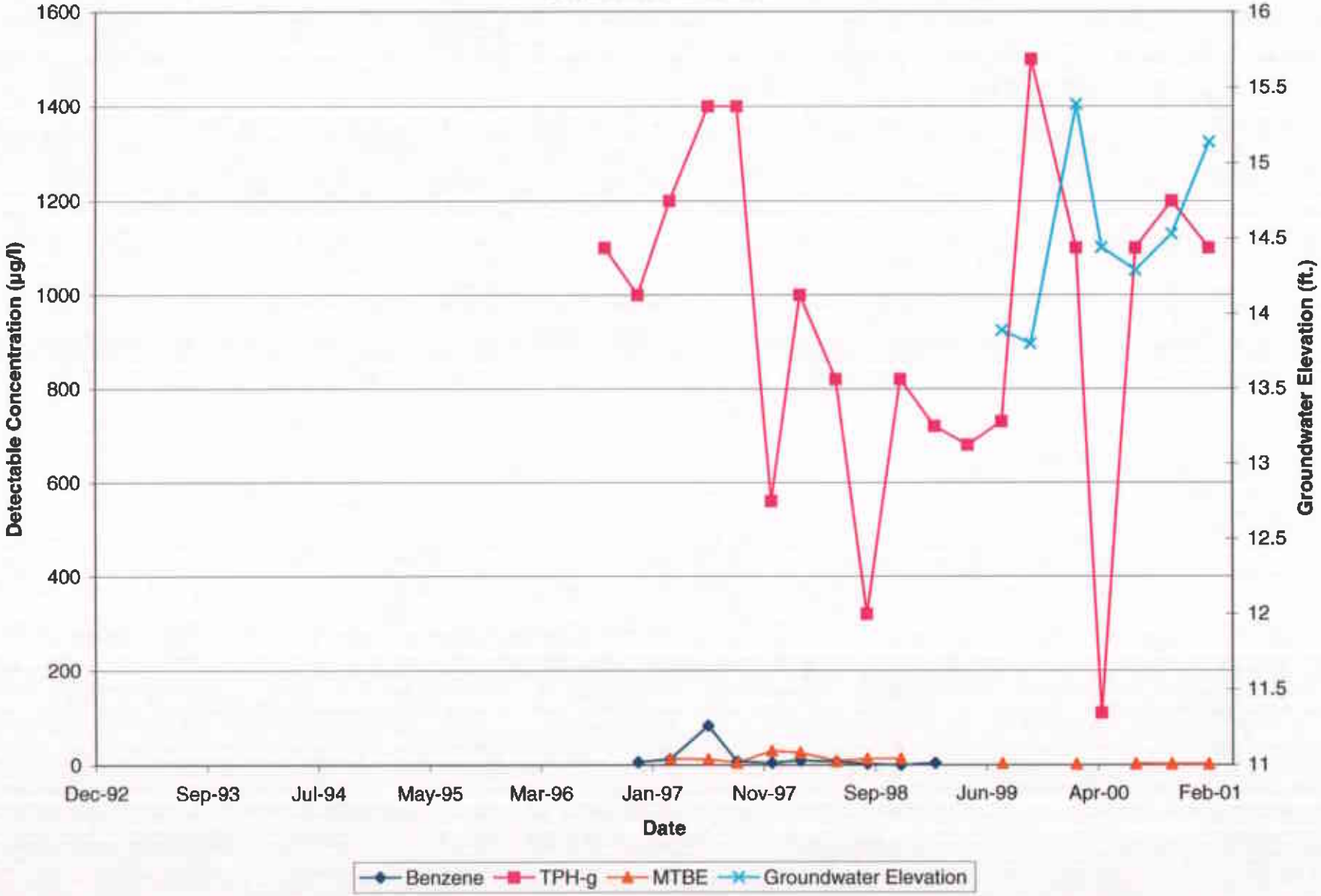
Graph 9, MW-9
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



1058Q101HYD.XLS

IT CORPORATION

Graph 10, EW-1
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Attachment 5

Laboratory Reports and Chain-of-Custody Documents

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-4
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-1
Analyzed:	02/22/01
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	1.0
Percent Surrogate Recovery		90
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C4-C12)	50.	350.
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 #2
22926-4.xls
MN/jdm/mb/yl/bp

FILE

805.544.4696
www.ZymaXusa.com

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San Luis Obispo CA 93401
fax 805.544.8226

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-4
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-1
Analyzed:	02/24/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C12-C16)	100.	200.
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 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
22926-4t.xls
MN/jgt/dz/ws

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fax 805.544.8226

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-7
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-2
Analyzed:	02/23/01
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	1.0
Percent Surrogate Recovery		86
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 #2
22926-7.xls
MN/jdm/mb/yl/bp

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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-7
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-2
Analyzed:	02/24/01
Method:	See Below

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

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 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
22926-7t.xls
MN/jgt/dz/ws

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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-10
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-3
Analyzed:	02/23/01
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	0.7
Percent Surrogate Recovery		93
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C4-C12)	50.	430.
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 #2
22926-10.xls
MN/jdm/mb/yl

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-10
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-3
Analyzed:	02/24/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C12-C36)	2000.	73000.
Percent Surrogate Recovery		***

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.
***Surrogate not detected due to dilution.

Note: Analyzed by GC/MS Combination.
Note: Extracted by EPA 3510 on 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
2292610t.xls
MN/jgt/dz/ws

805.544.4696
www.ZymaXusa.com

71 Zaca Lane
San Luis Obispo CA 93401
fax 805.544.8226

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-8
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-4
Analyzed:	02/23/01
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	2.4
Percent Surrogate Recovery		94
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 #2
22926-8.xls
MN/jdm/mb/yl/bp

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-8
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-4
Analyzed:	02/24/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		93

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 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
22926-8t.xls
MN/jgt/dz/ws

805.544.4696
www.ZymaXuse.com

71 Zaca Lane
San Luis Obispo CA 93401
fax 805.544.8226

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-3
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-5
Analyzed:	02/22/01
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	3.1
Percent Surrogate Recovery		90
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 #2
22926-3.xls
MN/jdm/mb/yl/bp

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-3
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-5
Analyzed:	02/24/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		89

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 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
22926-3t.xls
MN/jgt/dz/ws

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-5
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-6
Analyzed:	02/23/01
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		90
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 #2
22926-5.xls
MN/jdm/mb/yl/bp

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-5
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-6
Analyzed:	02/24/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		93

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 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
22926-5t.xls
MN/jgt/dz/ws

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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-1
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-7
Analyzed:	02/22/01
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		91
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 #2
22926-1.xls
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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-1
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-7
Analyzed:	02/24/01
Method:	See Below

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

ZymaX envirotechnology, inc. is certified by CA Department of Health Services: Laboratory #1717
*PQL - Practical Quantitation Limit
**Results listed as ND would have been reported if present at or above the listed PQL.

Note: Analyzed by GC/MS Combination.
Note: Extracted by EPA 3510 on 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
22926-1t.xls
MN/jgt/dz/ws

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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-2
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-8
Analyzed:	02/22/01
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		90
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 #2
22926-2.xls
MN/jdm/mb/yl/bp

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-2
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-8
Analyzed:	02/24/01
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 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-6
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-9
Analyzed:	02/23/01
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		90
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C4-C12)	50.	110.
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 #2
22926-6.xls
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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-6
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	MW-9
Analyzed:	02/24/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C12-C40)	100.	ND
Percent Surrogate Recovery		84

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 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
22926-6t.xls
MN/jgt/dz/ws

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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-11
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	EW-01
Analyzed:	02/23/01
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	2.0
Percent Surrogate Recovery		95
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C4-C12)	50.	1100.
BTX as a Percent of Fuel		N/A

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

***PQL - Practical Quantitation Limit**

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

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

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #2
22926-11.xls
MN/jdm/mb/yl

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-11
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	EW-01
Analyzed:	02/24/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C12-C36)	100.	11000.
Percent Surrogate Recovery		88

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 02/22/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #4
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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-9
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	Dup
Analyzed:	02/23/01
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		95

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.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #2
22926-9.xls
MN/jdm/yl/bp

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	22926-12
Collected:	02/15/01
Received:	02/20/01
Matrix:	Aqueous

Project:	Sears / Oakland #1058
Project Number:	823291.03054300
Collected by:	Hector Merino

Sample Description:	TBLB
Analyzed:	02/23/01
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		88

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.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #2
22926-12.xls
MN/jdm/mb/yl/bp

ZymaX 71 Zaca Lane San Luis Obispo CA 93401 tel 805.544.4696 fax 805.544.8226

CHAIN of CUSTODY

report to: David Bero
company: IT Corp
address: 4005 Port Chicago Hwy Concord CA 94520
phone: (925) 288 9898
fax: (925) 288 0888
project: 823291-03034300
project #: Crossroad Ind 11038
sampler: Hector Marico

ANALYSIS REQUESTED: TPH Gasoline / BTEX MTBE / Pb 8260

Turnaround Time: ASAP, 48 hr, 12 hr, 72 hr, 24 hr, std

ZymaX use only	SAMPLE DESCRIPTION	* Date Sampled	Time	Matrix	Preserve	TPH Gasoline	BTEX MTBE	Pb 8260	# of containers	Remarks
22926-1	MW-7	2/15/01	10:00	GW	Hcl	X	X			
-2	MW-8	↓	10:20	GW	Hcl	X	X			
-3	MW-5	↓	11:00	GW	Hcl	X	X			
-4	MW-1	↓	11:15	GW	Hcl	X	X			
-5	MW-6	↓	11:26	GW	Hcl	X	X			
-6	MW-9	↓	12:10	GW	Hcl	X	X			
-7	MW-2	↓	12:19	GW	Hcl	X	X			
-8	MW-4	↓	12:35	GW	Hcl	X	X			
-9	DUP	↓	12:35	GW	Hcl	[crossed out]	[crossed out]	X		
-10	*MW-3	↓	—	GW	↓	(X)	(X)			
-11	*EW-01	↓	—	GW	↓	(X)	(X)			

Comments
*(X) 2/21/01 per D. Bero - ab

Relinquished by:
Signature [signature]
Print Hector Marico
Company IT Corp
Date 2-15-01 Time

Received by:
Signature [signature]
Print Frank Ellingham
Company ZYMAX
Date 2-20-01 Time

Relinquished by:
Signature
Print
Company
Date Time

Received by ZymaX envirotechnology inc:
Signature
Print
Company
Date Time

Sample integrity upon receipt:
- Samples received intact
- Samples received cold
- Custody seals
- Correct container types

Bill 3rd Party:

PO#
Quote yes no

Page 1 of 1

email: zymax@ZymaXusa.com

ZymaX 71 Zaca Lane San Luis Obispo CA 93401 tel 805.544.4696 fax 805.544.8226

CHAIN of CUSTODY

report to	David Buro
company	IT Corp
address	
phone	
fax	
project	823291-03051300
project #	Sears/Oakland #1058
sampler	

ANALYSIS REQUESTED: BTEX

ZymaX use only	SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	BTEX	# of containers	Remarks
22926-12	TBLB	8/15/01	--	AW	HCl	(X)		

Turnaround Time: ASAP ☐ 48 hr ☐ 12 hr ☐ 72 hr ☐ 24 hr ☐ std ☐

Comments
(X) 8/21/01 per D. Buro-ab

Relinquished by:
Signature ________
Print ________
Company ________
Date ________ Time ________

Received by:
Signature ________
Print ________
Company ________
Date ________ Time ________

Relinquished by:
Signature ________
Print ________
Company ________
Date ________ Time ________

Received by ZymaX envirotechnology inc:
Signature ________
Print ________
Company ________
Date ________ Time ________

Sample integrity upon receipt:
- Samples received intact ☐
- Samples received cold ☐
- Custody seals ☐
- Correct container types ☐

Bill 3rd Party:

PO# ________
Quote yes no

email: zymax@ZymaXusa.com