STID 1082

Review 1-1-18-01

OCT 12 2001

TRANSMITTAL LETTER

TO: Ms. Amir Gholami
Alameda County Health Care Services
Environmental Health Services Dept.
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

DATE: 10/09/01
FROM: *David Bero*

RE: Sears Facility No. 1058, STID 1082
2600 Telegraph Avenue
Oakland, CA

We are sending the following:

■ REPORT ☐ EWO/ECO ☐ OTHER

COPIES	DATE	DESCRIPTION
1	09/27/01	Third Qtr 2001, Groundwater Monitoring and Sampling Report

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☐ For Comments ☐ For Resubmittal ■ For Your Records

Transmitted as checked: ☐ Facsimile **Pages: ___ including this cover** Fax Number 925.288.0888

■ US Mail ☐ Overnight Express

Remarks: If you have any questions or comments, please contact:

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September 27, 2001

OCT 12 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
Third Quarter 2001, Groundwater Monitoring and Sampling Report and Request for Closure
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 July 23, 2001. The ten groundwater monitoring wells were gauged to determine depth to groundwater and to check for the presence of separate-phase petroleum hydrocarbons (SPPHs). Measurable thickness of SPPHs was not detected in any of the monitoring wells. A potentiometric surface map is provided in Figure 1 (Attachment 1). A summary of historical water table elevation data is provided in Table 1 (Attachment 2).

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

Static groundwater levels for the third quarter 2001 ranged from 12.94 to 16.34 feet above mean sea level (approximately 10.6 to 12.6 feet below top of casing). Groundwater elevations have decreased by approximately 0.5 foot since second quarter 2001 (April 26, 2001). 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 eight monitoring wells, with the highest concentration of 3.5 micrograms per liter reported in upgradient well MW-5. Monitoring wells MW-1, MW-3, MW-9, and EW-1 contained dissolved TPH-g, and wells MW-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 year 2000 remediation effort at the site was estimated to be small, less than 5 gallons. In a more aggressive attempt to remove the remaining SPPH from the vicinity of MW-3, water and an unmeasured small volume of SPPH were purged from MW-3 for at least thirty minutes on four separate occasions during February 4, 2000 through February 23, 2000, using vacuum extraction techniques. Prior to purging, depth to groundwater was measured. After purging, depth to water and depth to product were measured. Prior to demobilization, a Soak-eze "sock" was placed in the well. After the last two vacuum extraction events, and during two subsequent quarterly monitoring and sampling events, no SPPH was found in monitoring well MW-3. A measurable thickness of SPPH (0.19 foot) in MW-3 was found during the third quarter of 2000 and appeared to coincide with seasonal decline of the groundwater level. The SPPH in MW-3 has decreased to below measurable thickness during the last four quarters.

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

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

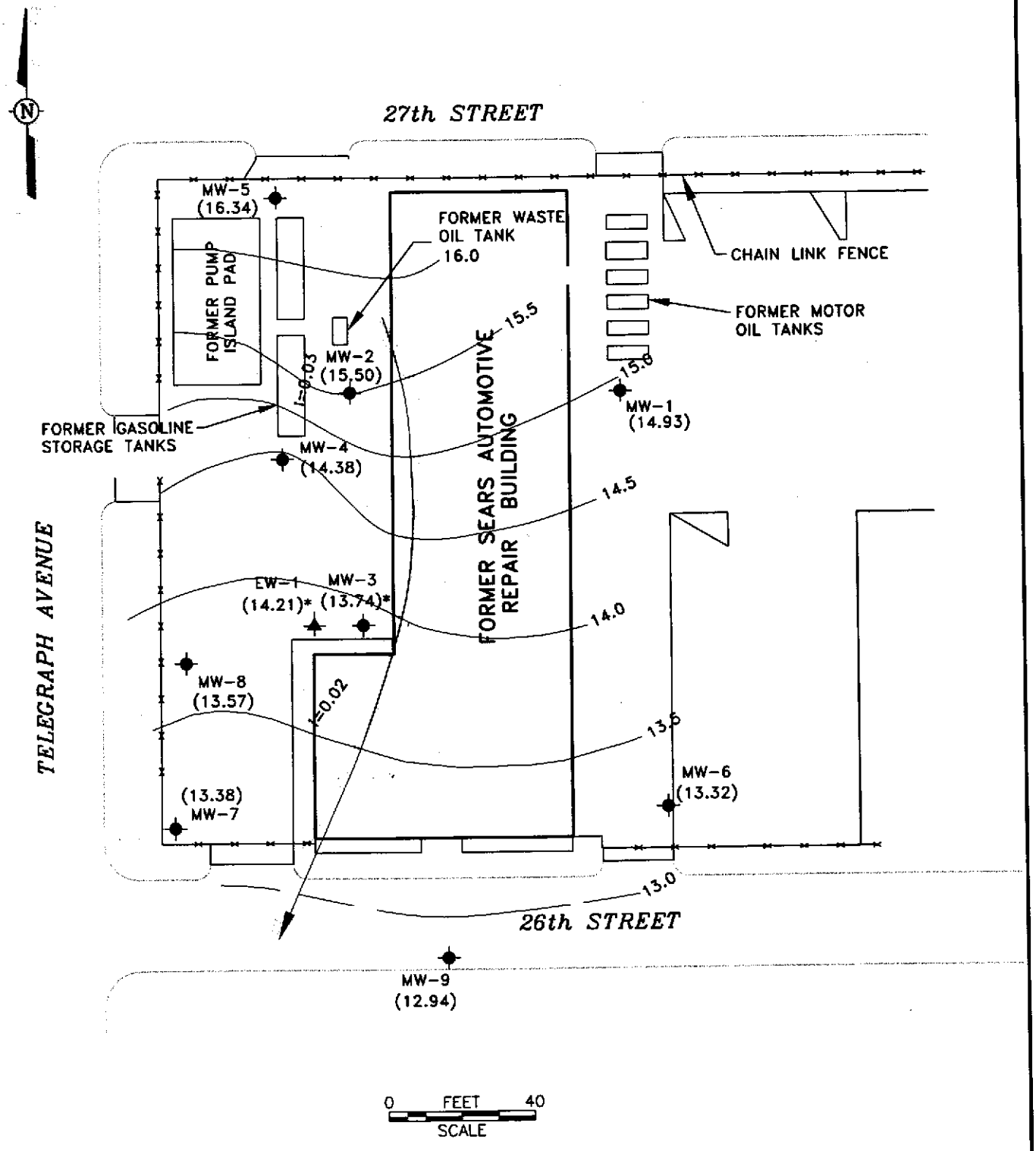
Ed K. Simonis, R.G.
Senior Geologist

skr:C:\Sears\1058 Oakland\1058Q301.doc

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

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

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	Concord	RB 8/21/01			823291-A6



LEGEND

- MONITORING WELL
- EXTRACTION WELL
- ( ) POTENTIOMETRIC SURFACE ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- ( )* ANOMALOUS DATA
- POTENTIOMETRIC SURFACE CONTOUR; INTERVAL = 0.5 FOOT
- i=0.02 ESTIMATED GROUNDWATER FLOW DIRECTION AND HYDRAULIC GRADIENT

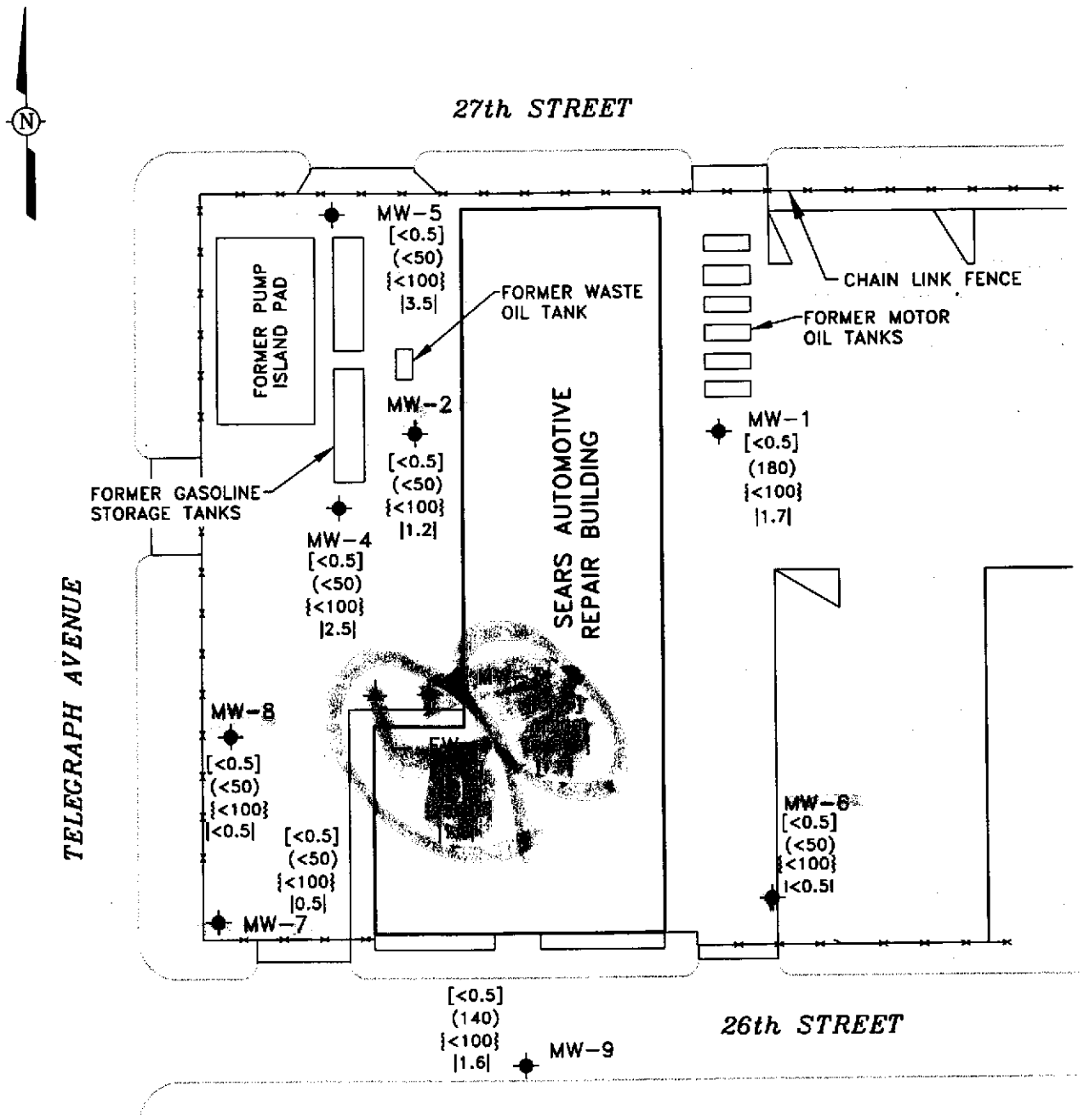
IT CORPORATION

SEARS, ROEBUCK AND CO.
SITE NO. 1058
(STID 1082)
2600 TELEGRAPH AVE.,
OAKLAND, CA

FIGURE 1

POTENTIOMETRIC SURFACE MAP
(GUAGED 07/23/01)

IMAGE	X-REF	OFFICE	DRAWN BY		CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	Concord	RT	8/21/01			823291-A5



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
(STID 1082)
2600 TELEGRAPH AVEENUE
OAKLAND, CALIFORNIA

FIGURE 2
CONCENTRATIONS OF BENZENE, TPH AS GASOLINE, TPH AS MOTOR OIL AND MTBE IN GROUND WATER SAMPLED 07/23/01

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
		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

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 (Continued)		08/02/2000	11.40	--	--	14.80
		11/07/2000	10.83	--	--	15.37
		02/15/2001	9.40	--	--	16.80
		04/26/2001	10.43	--	--	15.77
		07/23/2001	11.27	--	--	14.93
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
		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

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 (Continued)		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
		04/27/2001**	10.60	--	--	15.90
		07/23/2001	11.00	--	--	15.50
MW-3	26.34	12/30/1992	12.43	--	--	13.91
		02/26/1993	12.21	--	--	14.13
		03/24/1993	12.36	--	--	13.98
		04/27/1993	12.70	--	--	13.64
		05/28/1993	12.72	--	--	13.62
		06/21/1993	12.87	--	--	13.47
		07/22/1993	12.92	--	--	13.42
		08/13/1993	12.96	--	--	13.38
		09/16/1993	13.01	12.97	0.04	13.33
		10/22/1993	NM	12.96	NA	NA
		11/03/1993	13.13	13.02	0.11	13.21
		11/24/1993	12.94	12.92	0.02	13.40
		12/01/1993	12.71	12.69	0.02	13.63
		12/27/1993	12.77	12.73	0.04	13.57
		01/05/1994	12.85	12.83	0.02	13.49
		02/08/1994	12.37	--	--	13.97
		03/09/1994	12.53	--	--	13.81
		04/01/1994	12.64	--	--	13.70
		05/10/1994	12.32	--	--	14.02
		06/30/1994	12.84	12.82	0.02	13.50
		07/28/1994	12.93	12.89	0.04	13.41
		08/31/1994	13.04	13.01	0.03	13.30
		09/27/1994	13.13	13.02	0.11	13.21
		10/28/1994	13.30	13.08	0.22	13.04
		11/15/1994	11.05	11.02	0.03	15.29
		12/01/1994	11.90	11.88	0.02	14.44
		01/04/1995	11.80	11.76	0.01	14.54
		02/01/1995	12.00	11.98	0.02	14.34
		03/08/1995	12.35	12.30	0.05	13.99
		04/03/1995	12.09	12.05	0.04	14.25
		05/18/1995	12.43	12.40	0.03	13.91
		06/09/1995	12.60	12.58	0.02	13.74
		07/13/1995	12.55	12.46	0.09	13.79
		08/03/1995	12.64	12.61	0.03	13.70
		08/29/1995	12.65	12.62	0.03	13.69
		09/15/1995	13.00	12.86	0.14	13.34
		10/20/1995	12.86	12.03	0.03	13.48
		11/15/1995	12.81	12.74	0.07	13.53
		01/15/1996	12.60	12.47	0.13	13.74
		03/05/1996	11.68	11.64	0.04	14.66
		04/19/1996	12.36	12.34	0.02	13.98
		05/10/1996	11.93	11.91	0.02	14.41
		06/03/1996	12.93	12.50	0.43	13.41
		09/04/1996	12.60	12.55	0.05	13.74
		12/02/1996	12.11	12.00	0.03	14.23
		02/26/1997	12.03	12.02	0.01	14.31
		06/09/1997	12.39	12.35	0.04	13.95

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-3 (Continued)		08/25/1997	12.28	12.25	0.03	14.06
		11/28/1997	12.13	12.10	0.03	14.21
		02/12/1998	11.85	11.82	0.03	14.49
		05/20/1998	12.51	12.48	0.03	13.83
		08/11/1998	12.97	12.79	0.18	13.37
		11/10/1998	12.54	12.51	0.03	13.80
		02/11/1999	11.75	11.73	0.02	14.59
		05/11/1999	12.52	–	–	13.82
		08/10/1999	13.50	13.36	0.14	12.84
		10/26/1999	13.01	12.98	0.03	13.33
		02/25/2000	11.41	–	odor	14.93
		05/03/2000	12.30	–	–	14.04
		08/02/2000	12.61	12.42	0.19	13.88
		11/07/2000	12.18	–	–	14.16
		02/15/2001	11.61	–	–	14.73
		04/26/2001	12.06	–	Sheen	14.28
		07/23/2001	12.60	–	–	13.74
MW-4	26.17	12/30/1992	11.53	–	Sheen	14.64
		02/26/1993	11.35	–	–	14.82
		03/24/1993	11.46	–	–	14.71
		04/27/1993	11.74	–	–	14.43
		05/28/1993	11.77	–	–	14.40
		06/21/1993	11.92	–	–	14.25
		07/22/1993	11.95	–	–	14.22
		08/13/1993	12.01	–	–	14.16
		09/16/1993	12.08	–	–	14.09
		10/22/1993	12.03	–	–	14.14
		11/03/1993	12.10	–	–	14.07
		11/24/1993	12.02	–	–	14.15
		12/01/1993	11.78	–	–	14.39
		12/27/1993	11.80	–	–	14.37
		01/05/1994	11.91	–	–	14.26
		02/08/1994	11.85	–	–	14.32
		03/09/1994	11.61	–	–	14.56
		04/01/1994	11.73	–	–	14.44
		05/10/1994	11.49	–	–	14.68
		06/30/1994	11.90	–	–	14.27
		07/28/1994	11.97	–	–	14.20
		08/31/1994	12.06	–	–	14.11
		09/27/1994	12.11	–	–	14.06
		10/28/1994	12.18	–	–	13.99
		11/15/1994	10.72	–	–	15.45
		12/01/1994	11.37	–	–	14.80
		01/04/1995	11.20	–	–	14.97
		02/01/1995	11.16	–	–	15.01
		03/08/1995	11.49	–	–	14.68
		04/03/1995	11.35	–	–	14.82
		05/18/1995	11.56	–	–	14.61
		06/09/1995	11.72	–	–	14.45
		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

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-4 (Continued)		05/10/1996	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
		04/26/2001	11.35	–	–	14.82
		07/23/2001	11.79	–	–	14.38
MW-5	26.98	12/30/1992	10.50	–	–	16.48
		02/26/1993	10.12	–	–	16.86
		03/24/1993	10.31	–	–	16.67
		04/27/1993	10.75	–	–	16.23
		05/28/1993	10.80	–	–	16.18
		06/21/1993	10.94	–	–	16.04
		07/22/1993	11.01	–	–	15.97
		08/13/1993	11.07	–	–	15.91
		09/16/1993	11.18	–	–	15.80
		10/22/1993	11.19	–	–	15.79
		11/03/1993	11.23	–	–	15.75
		11/24/1993	12.00	–	–	14.98
		12/01/1993	10.84	–	–	16.14
		12/27/1993	10.81	–	–	16.17
		01/05/1994	10.96	–	–	16.02
		02/08/1994	10.94	–	–	16.04
		03/09/1994	10.54	–	–	16.44
		04/01/1994	10.77	–	–	16.21
		05/10/1994	10.44	–	–	16.54
		06/30/1994	10.88	–	–	16.10
		07/28/1994	10.98	–	–	16.00
		08/31/1994	11.07	–	–	15.91
		09/27/1994	11.12	–	–	15.86
		10/28/1994	11.21	–	–	15.77
		11/15/1994	10.05	–	–	16.93
		12/01/1994	10.39	–	–	16.59
		01/04/1995	10.18	–	–	16.80
		02/01/1995	9.93	–	–	17.05
		03/08/1995	10.35	–	–	16.63
		04/03/1995	10.15	–	–	16.83
		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

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-5 (Continued)		09/15/1995	11.00	–	–	15.98
		10/20/1995	11.02	–	–	15.96
		11/15/1995	11.95	–	–	15.03
		01/15/1996	10.57	–	–	16.41
		03/05/1996	9.81	–	–	17.17
		04/19/1996	10.32	–	–	16.66
		05/10/1996	10.56	–	–	16.42
		06/03/1996	10.46	–	–	16.52
		09/04/1996	10.86	–	–	16.12
		12/02/1996	10.45	–	–	16.53
		02/26/1997	10.38	–	–	16.60
		06/09/1997	10.78	–	–	16.20
		08/25/1997	10.69	–	–	16.29
		11/28/1997	10.15	–	–	16.83
		02/12/1998	9.55	–	–	17.43
		05/20/1998	10.29	–	–	16.69
		08/11/1998	10.67	–	–	16.31
		11/10/1998	10.59	–	–	16.39
		02/11/1999	9.75	–	–	17.23
		05/11/1999	10.38	–	–	16.60
		08/10/1999	10.77	–	–	16.21
		10/26/1999	10.95	–	–	16.03
		02/25/2000	9.50	–	–	17.48
		05/03/2000	10.40	–	–	16.58
		08/02/2000	10.70	–	–	16.28
		11/07/2000	10.38	–	–	16.60
		02/15/2001	9.77	–	–	17.21
		04/26/2001	10.17	–	–	16.81
		07/23/2001	10.64	–	–	16.34
MW-6	24.32	12/27/1993	11.24	–	–	13.08
		01/05/1994	11.39	–	–	12.93
		02/08/1994	11.15	–	–	13.17
		03/09/1994	10.97	–	–	13.35
		04/01/1994	11.25	–	–	13.07
		05/10/1994	10.78	–	–	13.54
		06/30/1994	11.49	–	–	12.83
		07/28/1994	11.59	–	–	12.73
		08/31/1994	11.56	–	–	12.76
		09/27/1994	11.65	–	–	12.67
		10/28/1994	11.59	–	–	12.73
		11/15/1994	10.24	–	–	14.08
		12/01/1994	10.30	–	–	14.02
		01/04/1995	9.81	–	–	14.51
		02/01/1995	10.01	–	–	14.31
		03/08/1995	10.64	–	–	13.68
		04/03/1995	10.26	–	–	14.06
		05/18/1995	10.81	–	–	13.51
		06/09/1995	11.07	–	–	13.25
		07/13/1995	10.91	–	–	13.41
		08/03/1995	11.15	–	–	13.17
		08/29/1995	11.09	–	–	13.23
		09/15/1995	11.35	–	–	12.97
		10/20/1995	11.32	–	–	13.00
		11/15/1995	11.20	–	–	13.12
		01/15/1996	10.83	–	–	13.49
		03/05/1996	9.60	–	–	14.72
		04/19/1996	10.71	–	–	13.61
		05/10/1996	11.05	–	–	13.27

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Summary of Historical Groundwater Monitoring Data
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Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-6 (Continued)		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
		04/26/2001	10.40	--	--	13.92
		07/23/2001	11.00	--	--	13.32
MW-7	24.88	12/27/1993	11.80	--	--	13.08
		01/05/1994	11.53	--	--	13.35
		02/08/1994	11.90	--	--	12.98
		03/09/1994	11.23	--	--	13.65
		04/01/1994	11.34	--	--	13.54
		05/10/1994	11.02	--	--	13.86
		06/30/1994	11.49	--	--	13.39
		07/28/1994	11.58	--	--	13.30
		08/31/1994	11.69	--	--	13.19
		09/27/1994	11.73	--	--	13.15
		10/28/1994	11.77	--	--	13.11
		11/15/1994	10.29	--	--	14.59
		12/01/1994	10.89	--	--	13.99
		01/04/1995	10.77	--	--	14.11
		02/01/1995	10.70	--	--	14.18
		03/08/1995	11.05	--	--	13.83
		04/03/1995	10.88	--	--	14.00
		05/18/1995	11.12	--	--	13.76
		06/09/1995	11.25	--	--	13.63
		07/13/1995	11.15	--	--	13.73
		08/03/1995	11.32	--	--	13.56
		08/29/1995	11.53	--	--	13.35
		09/15/1995	11.65	--	--	13.23
		10/20/1995	11.64	--	--	13.24
		11/15/1995	11.60	--	--	13.28
		01/15/1996	11.07	--	--	13.81
		03/05/1996	10.50	--	--	14.38
		04/19/1996	12.02	--	--	12.86
		05/10/1996	11.14	--	--	13.74
		06/03/1996	11.10	--	--	13.78
		09/04/1996	11.45	--	--	13.43
		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

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-7 (Continued)		02/12/1998	10.11	--	--	14.77
		05/20/1998	11.20	--	--	13.68
		08/11/1998	11.55	--	--	13.33
		11/10/1998	11.21	--	--	13.67
		02/11/1999	10.27	--	--	14.61
		05/11/1999	11.25	--	--	13.63
		08/10/1999	11.65	--	--	13.23
		10/26/1999	11.76	--	--	13.12
		02/25/2000	10.40	--	--	14.48
		05/03/2000	11.16	--	--	13.72
		08/02/2000	11.25	--	--	13.63
		11/07/2000	11.03	--	--	13.85
		02/15/2001	10.56	--	--	14.32
		04/26/2001	10.95	--	--	13.93
		07/23/2001	11.50	--	--	13.38
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
		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

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-8 (Continued)		08/10/1999	12.72	--	--	13.40
		10/26/1999	12.85	--	--	13.27
		02/25/2000	11.20	--	--	14.92
		05/03/2000	12.15	--	--	13.97
		08/02/2000	12.30	--	--	13.82
		11/07/2000	12.00	--	--	14.12
		02/15/2001	11.40	--	--	14.72
		04/26/2001	11.93	--	--	14.19
		07/23/2001	12.55	--	--	13.57
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
		04/26/2001	11.52	--	--	13.51
		07/23/2001	12.09	--	--	12.94
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
		04/06/2001	12.12	--	--	14.68
		07/23/2001	12.59	--	--	14.21

Notes:

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

TABLE 2

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-1	12/30/92	1	1	2	2	–	–	1	–	–
	03/24/93	0.4	1	0.32	10	–	–	1	–	–
	06/21/93	<0.3	1	<0.3	6	–	**<100	–	–	–
	09/16/93	<0.3	0.7	2	7	–	**<100	–	–	–
	12/01/93	0.4	1	–	7	–	–	–	–	–
	12/30/93	–	–	1	–	–	<100	–	–	–
	03/09/94	<0.3	<0.3	2.4	4.2	–	<100	–	–	–
	06/30/94	0.6	0.7	1.4	15	–	<100	–	–	–
	09/27/94	0.9	0.5	<0.3	10	–	[e]<250	–	–	–
	12/01/94	0.4	0.4	<0.3	6.6	–	[e]<250	–	–	–
	03/08/95	<0.3	0.6	4.7	2.7	–	[e]<250	–	–	–
	06/09/95	<0.3	1.4	3.9	5.6	–	[e]<250	–	–	–
	08/29/95	0.3	0.9	<0.5	2.8	–	[e]<250	–	–	–
	11/15/95	<0.5	<0.5	<1.0	27	–	[e]<200	–	–	–
	03/05/96	<0.5	<1.0	<1.0	<2.0	–	[e]<200	–	–	–
	06/03/96	<0.5	<1.0	3.7	3.4	340	[e]<200	–	–	–
	09/04/96	<0.5	<1.0	<1.0	<2.0	390	310	–	–	–
	12/02/96	<0.5	<1.0	<1.0	2.7	400	[e]<200	–	–	–
	02/26/97	<0.5	<1.0	<1.0	4.5	390	[e]<200	–	–	–
	06/09/97	<0.5	<1.0	<0.5	2.3	340	<200	–	–	<10
	08/25/97	<0.5	<0.5	<0.5	3	220	<200	–	–	<5
	11/28/97	<0.5	<0.5	<0.5	3	340	<200	–	–	6.0
	02/12/98	<0.5	<0.5	<0.5	<2.0	280	<200	–	–	<5
	05/20/98	<0.5	<0.5	0.8	3	340	<200	–	–	<5
	08/11/98	<0.5	<0.5	<0.5	<0.5	230	<500	–	–	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	150	<250	–	–	<2.5
	02/11/99	<0.50	<0.50	1	1.6	260	<500	–	–	6.7
	05/11/99	<0.5	0.54	<0.5	4.7	160	<250	–	–	<2.5
	08/10/99	<0.5	0.79	<0.5	2.8	230	<250	–	–	<2.0
	10/26/99	<0.5	<0.5	0.64	1.2	95	<250	–	–	<2.5
	02/25/00	<0.5	<0.5	<0.5	<0.5	330	310	–	–	1.6
	05/03/00	<0.5	<0.5	<0.5	<0.5	220	<100	–	–	1.5
	08/02/00	<0.5	<0.5	<0.5	<0.5	170	<100	–	–	1.1
	11/07/00	<0.5	<0.5	<0.5	<0.5	250	<100	–	–	0.9
	02/15/01	<0.5	<0.5	<0.5	<0.5	350	200	–	–	1.0
	04/26/01	<0.5	<0.5	<0.5	<0.5	310	200	–	–	1.5
	07/23/01	<0.5	<0.5	<0.5	<0.5	180	<100	–	–	1.7
MW-2	12/30/92	0.7	<0.3	<0.3	3	190	–	1	[c]ND	–
	03/24/93	0.6	<0.3	<0.3	2	120	–	<1	[c]ND	–
	06/21/93	0.3	<0.3	<0.3	0.7	82	**<100	–	[c]ND	–
	09/16/93	<0.3	<0.3	<0.3	<0.5	28	**<100	–	[c]ND	–
	12/01/93	<0.3	<0.3	<0.3	1	68	–	–	[c]ND	–
	12/30/93	–	–	–	–	–	310	–	–	–
	03/09/94	<0.3	<0.3	<0.3	<0.5	47	<100	–	ND	–
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	100	–	ND	–
	09/27/94	<0.3	<0.3	<0.3	<0.5	<10	[e]<250	–	[d]15	–
	12/01/94	<0.3	<0.3	<0.3	<0.5	54	[f]1,300	–	[d]6	–
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	3,000	–	ND	–
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	2,000	–	ND	–
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	4,300	–	[h]20	–
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	6,100	–	ND	–
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	3,200	–	ND	–
	06/04/96	<0.5	<1.0	<1.0	<2.0	<100	3,800	–	ND	–
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	3,100	–	–	–

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-2 continued	12/02/96	<0.5	<1.0	<1.0	<2.0	<100	2,200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	2,100	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	<100	2,400	--	--	<10
	08/25/97	<0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	0.6	<0.5	<0.5	<2.0	<50	1,900	--	--	<5
	02/12/98	<0.5	<0.5	<0.5	<2.0	<50	1,600	--	--	<5
	05/20/98	<0.5	<0.5	<0.5	<2.0	<50	3,100	--	--	<5
	08/11/98	<0.5	<0.5	<0.5	<0.5	<50	1,200	--	--	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	<50	820	--	--	<2.5
	02/11/99	<0.50	<0.50	<0.50	<0.50	<50	<500	--	--	3.3
	05/11/99	<0.5	<0.5	<0.5	<0.5	<50	1,400	--	--	<2.5
	08/10/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/99	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	980	--	--	1.4
	05/03/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	0.6
	08/02/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.0
	11/07/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.4
	02/15/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.0
	04/27/01	<0.5	<0.5	<0.5	<0.5	<50	340	--	--	0.6
	07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	1.2
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
	04/26/01	<0.5	<0.5	<0.5	<0.5	4,100	110,000	--	--	1.4
	07/23/01	<0.5	<0.5	<0.5	<0.5	1,200	64,000	--	--	1.7
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	--
	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	--

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 coontinued	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
	04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.8
	07/23/01	<0.5/<0.5[i]	<0.5/<0.5[i]	<0.5/<0.5[i]	<0.5/<0.5[i]	<50	<100	--	--	2.5
MW-5	12/30/92	<0.3	<0.3	<0.3	<0.5	37	--	<1	[b]<5	--
	03/24/93	<0.3	<0.3	<0.3	0.5	19	--	2	[a][c]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	--	[b]36	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	--	ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	<200	--	ND	--
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	310	--	--	--
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	--	--	--
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/25/97	>0.5	<0.5	<0.5	<2.0	<50	<200	--	--	<5
	11/28/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
	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
	04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	2.4
	07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	3.5

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-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
	04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
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
	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
	04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	0.5

TABLE 2

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/L)	Dissolved Metals	MTBE
MW-8	12/27/93	0.4	4	0.4	1	390	<100	<1	[f]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
	04/26/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
	07/23/01	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	<0.5
MW-9	12/02/96	<0.5	<1.0	<1.0	<2.0	210	250	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	170	340	--	--	--
	06/09/97	0.8	<1.0	<1.0	<2.0	130	350	--	--	<10
	08/25/97	<0.5	0.8	<0.5	<2.0	110	<200	--	--	<5
	11/28/97	<0.5	0.5	0.9	<2.0	150	<200	--	--	<5
	02/12/98	<0.5	<0.5	<0.5	<2.0	60	<200	--	--	<5
	05/20/98	<0.5	<0.5	0.9	<2.0	130	<200	--	--	<5
	08/11/98	<0.5	<0.5	<0.5	0.76	240	<500	--	--	<2.5
	11/10/98	<0.50	<0.50	<0.50	<0.50	220	<250	--	--	<2.5
	02/11/99	<0.50	<0.50	<0.50	<0.50	52	<500	--	--	3.5
	05/11/99	<0.5	<0.5	<0.5	<0.5	96	<250	--	--	<2.5
	08/10/99	<0.5	<0.5	<0.5	0.96	130	<250	--	--	<2.0
	10/26/99	<0.5	<0.5	<0.5	<0.5	130	<250	--	--	3.3/2.1
	02/25/00	<0.5	<0.5	<0.5	<0.5	<50	<100	--	--	0.8
	05/03/00	<0.5	<0.5	<0.5	<0.5	150	<100	--	--	1.5
	08/02/00	<0.5	<0.5	<0.5	<0.5	210	<100	--	--	2.2
	11/07/00	<0.5	<0.5	<0.5	<0.5	190	<100	--	--	1.4
	02/15/01	<0.5	<0.5	<0.5	<0.5	110	<100	--	--	1.4
	04/26/01	<0.5	<0.5	<0.5	<0.5	150	<100	--	--	1.6
	07/23/01	<0.5	<0.5	<0.5	<0.5	140	<100	--	--	1.6
EW-1	09/04/96	<0.5	<1.0	<1.0	<2.0	1,100	1,700	--	--	--
	12/02/96	6.2	<1.0	<1.0	<2.0	1,000	1,400	--	--	--
	02/26/97	12	<1.0	<1.0	<2.1	1,200	2,100	--	--	--
	06/09/97	83	<1.0	<1.0	<2.0	1,400	12,000	--	--	13
	08/25/97	7.5	0.9	0.9	2	1,400	15,000	--	--	12
	11/28/97	4.5	1.1	1.1	4	560	5,700	--	--	5.0
	02/12/98	9.8	0.6	1.2	2	1,000	6,300	--	--	30
	05/20/98	7.2	<0.5	<0.5	<2.0	820	6,200	--	--	26
	08/11/98	2.6	<0.5	<0.5	0.86	320	5,400	--	--	8.7
	11/10/98	<0.50	<0.50	<0.50	0.75	820	2,900	--	--	13

TABLE 2
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
EW-1	02/11/99	4.0	<0.50	0.51	0.94	720	1,300	--	--	14
(continued)	05/11/99	<0.5	<0.5	<0.5	<0.5	680	4,800	--	--	<2.5
	08/10/99	<0.5	<0.5	<0.5	<0.5	730	1,100	--	--	3.6
	10/26/99	<0.5	<0.5	<0.5	<0.5	1,500	13,000	--	--	<50
	02/25/00	<0.5	<0.5	<0.5	<0.5	1,100	6,300	--	--	2.2
	05/03/00	<0.5	<0.5	<0.5	<0.5	110	3,100	--	--	<0.5
	08/02/00	<0.5	<0.5	<0.5	<0.5	1,100	4,500	--	--	2.6
	11/07/00	<0.5	<0.5	<0.5	<0.5	1,200	5,100	--	--	2.1
	02/15/01	<0.5	<0.5	<0.5	<0.5	1,100	11,000	--	--	2.0
	04/26/01	<0.5/<0.5[i]	<0.5/<0.5[i]	<0.5/<0.5[i]	<0.5/<0.5[i]	1,600	6,600	--	--	2.3
	07/23/01	<0.5	<0.5	<0.5	<0.5	930	15,000	--	--	1.8

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.

Tuesday
7/24/01

SITE VISIT FORM
IT Corporation - Concord, California

roject: 823291.03051300 **Techician: H Merino**
Site: SEARS/1058/Oakland, CA **Schedule:**
Project Manager: David Bero **Site Mgr:**

PREPARATORY COMMENTS

Visit Date: 7/23/01 Time of: 8:00 Arrival 12:30 Departure

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

Called PM? (Y)N Time: 10:00 Who/Topic: DBero P.O Readings

Are you in possesssion of a health and safety plan? (Y)N

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

GROUNDWATER SAMPLING - Task Nr: 03051300 [Quarterly]

SITE ADDRESS: 2633 Telegraph Avenue, Oakland, CA

cc: David Bero

Notify Amir Gholami 72 hrs. in advance (510) 567-6876 DONE: Left message 7/19 @ 12:15 JK

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

1) Monitor and sample ten (10) wells in the following order: MW-5, MW-6, MW-7, MW-8, MW-1, MW-9, MW-4, MW-2, MW-3 and the extraction well (EW-1) located next to MW-3. USE DISPOSABLE BAILER. Collect two (2) 40ml, HCL-preserved VOAs from on site wells.

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

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

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

SITE VISIT FORM
IT Corporation - Concord, California

roject: 823291.03051300 **Techician: H. Marino**
Site: SEARS/1058/Oakland, CA **Schedule:**
Project Manager: David Bero **Site Mgr:**

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

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

6) COMPLETED ALL THREE PAGES OF DRUM/WASTE INVENTORY FORM? Yes. IF NO EXPAIN _____.

Hours Estimated		Hours Used	

FINAL CHECKS

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

WASTE COMPLIANCE: # of drums: Water 6, Soil _____, Empty _____, Other _____.

Drums labeled? NA/Y/N Gen. Date: _____ Label Type: NON HAZ

SOIL pile? Y/(N) size: _____ cu. yds. SITE LEFT CLEAN? (Y)/N

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

SITE VISIT FORM
IT Corporation

07-23-01

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

Technician: H Merino
Schedule:
Job No. 823291.03051300

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

Well ID				
MW-1:	DTB_21.72	DTW 11.27	SAT. THICK ___	#GAL. BAILED_____
MW-2:	DTB_21.79	DTW 11.00	SAT. THICK___	#GAL. BAILED_____
MW-3:	DTB_24.67	DTW 12.60	SAT. THICK___	#GAL. BAILED_____
MW-4:	DTB_22.97	DTW 11.79	SAT. THICK___	#GAL. BAILED_____
MW-5:	DTB_25.27	DTW 10.64	SAT. THICK___	#GAL. BAILED_____
MW-6:	DTB_22.05	DTW 11.00	SAT. THICK___	#GAL. BAILED_____
MW-7:	DTB_21.70	DTW 11.50	SAT. THICK___	#GAL. BAILED_____
MW-8:	DTB_22.14	DTW 12.55	SAT. THICK___	#GAL. BAILED_____
MW-9	DTB_20.30	DTW 12.09	SAT. THICK___	#GAL. BAILED_____
EW-1	DTB_22.30	DTW 12.59	SAT. THICK___	#GAL. BAILED_____

NOTES: MW-3 NO s.p. detected, odor, & sheen white pumping
D.O METER WONT CALABRATE NO READINGS TAKEN.
16 DRUMS TOTAL ONSITE 1ST, 2ND, 3RD QUARTER

HOURS ESTIMATED: HOURS USED:

FINAL CHECKS

Are Wells Locked? (YES) NO Why Not?

Are Manholes Bolted Down? (YES NO) Why Not?
Some wells are missing bolts

DRUMMED MATERIAL INVENTORY FORM

Store Number 1058 Address/City/State/ZIP 2633 TELEGRAPH AVE OAKLAND CA.

Sears Facility Contact and Phone # N/A

IT Corporation Representative Hector Merino

Accumulation Start Date 7-23-01 Completion Date: 7-23-01

Exact Drum Storage Location BEHIND building between 27TH/26TH STREET

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	6	A,B,C,D,E,F	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 Meino

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	Purgewater	Groundwater wells	NO	55
B	2/15/01	Purgewater	Groundwater wells	NO	55
C	4/26/01	Purgewater	Groundwater wells	NO	55
D	4/26/01	Purgewater	Groundwater Wells	NO	55
E	7/23/01	Purgewater	Groundwater Wells	NO	55
F	7/23/01	Purgewater	Groundwaterwells	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 # N/A

IT Corporation Representative Hector Nuno

Accumulation Start Date 7-23-01 Completion Date 7-23-01

Exact Bulk Storage Location BEHND BUILDING 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: 823291.03051300

Date: 7/23/01
Page ____ of ____
Project Manager: David Bero

Well ID: MW-7
Well Diameter: 2

DTW Measurements: 11.50
Initial: ~~21.70~~
Recharge: ____
DTB: 21.70

Calc Well Volume: 1.6 gal
Well Volume X3 5.0 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 ~~C~~ / ~~F~~	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	19.6	0.94	6.18	—	1		
	19.9	0.82	6.11	—	2		
	20.2	0.76	6.12	—	3		
	20.2	0.81	6.10	—	4		
	20.2	0.87	6.07	—	5		

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

Date: 7/23/08
Page ____ of ____
Project Manager: David Bero

Well ID: MW-8
Well Diameter: 2

DTW Measurements:
Initial: 12.55
Recharge: ____
DTB: 22.14

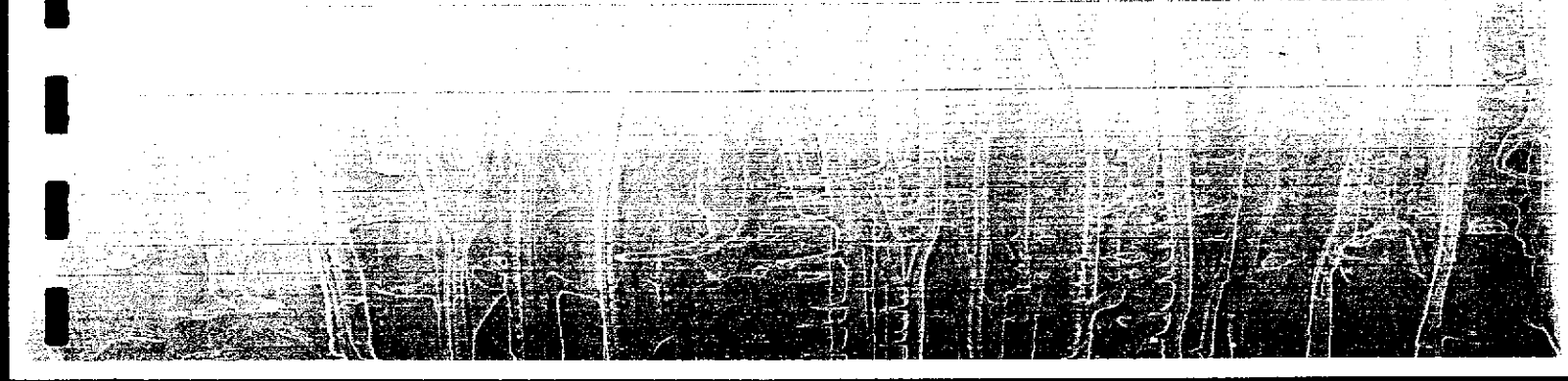
Calc Well Volume: 1.5 gal
Well Volume: X3 4.6 gal

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
	20.5	0.69	6.20	—	1		
20.9		0.69	6.19	—	2		
	21.2	0.70	6.18	—	3		
	21.4	0.70	6.16	—	4		
	21.5	0.70	6.16	—	5		
				—	6		



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

Date: 7/23/01
Page ____ of ____
Project Manager: David Bero

Well ID: MW9
Well Diameter: 2

DTW Measurements:
Initial: 12.09
Recharge: ____
DTB: 20.30

Calc Well Volume: 13 gal
Well Volume: X3 40 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
	23.4	0.72	6.31	—	1	cloudy	
	23.7	0.76	6.28	—	2		
	22.0	0.76	6.29	—	3		
	21.6	0.76	6.28	—	4		

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

Date: 7/23/01
Page ____ of ____
Project Manager: David Bero

Well ID: EW-1
Well Diameter: 4

DTW Measurements:
Initial: 12.59
Recharge: ____
DTB: 22.30

Calc Well Volume: 63 gal
Well Volume: X3 190 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
	21.5	0.85	6.39	—	6	cloudy	odor, sheen
	21.7	0.84	6.44	—	12	↓	
	21.6	0.84	6.47	—	18		
	21.6	0.83	6.48	—	20		

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

Date: 7/23/01
Page ____ of ____
Project Manager: David Bero

Well ID: MW-1
Well Diameter: 2

DTW Measurements:
Initial: 14.27
Recharge: ____
DTB: 21.72

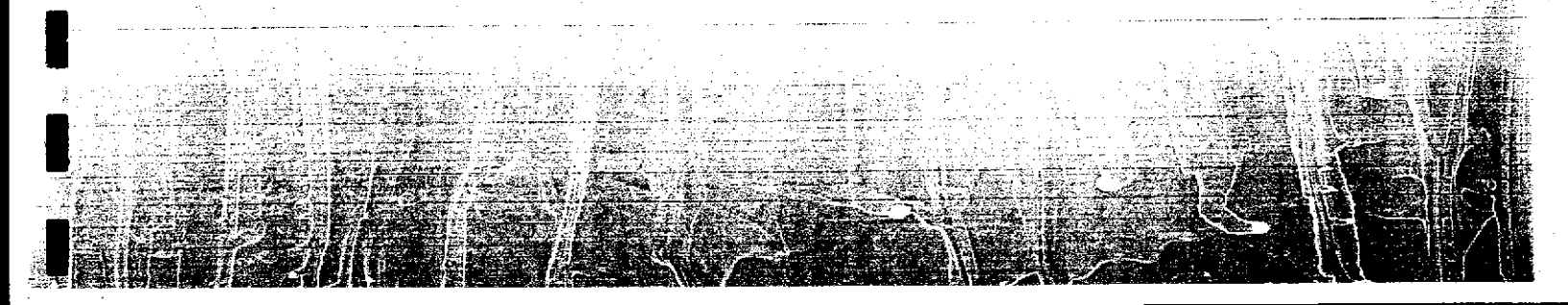
Calc Well Volume: 1.7 gal
Well Volume X3 5.1 gal

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
	21.1	0.49	6.15	—	1	cloudy	
	21.1	0.59	6.12	—	2	↓	
	21.6	0.60	6.09	—	3	↓	
	22.0	0.59	6.08	—	4	↓	
	22.1	0.60	6.08	—	5	↓	
	22.1	0.59	6.10	—	6	↓	
	22.0	0.60	6.11	—	7	↓	



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

Date: 7/23/01
Page ____ of ____
Project Manager: David Bero

Well ID: MW2
Well Diameter: 2

DTW Measurements:
Initial: 11.00
Recharge: ____
DTB: 21.79

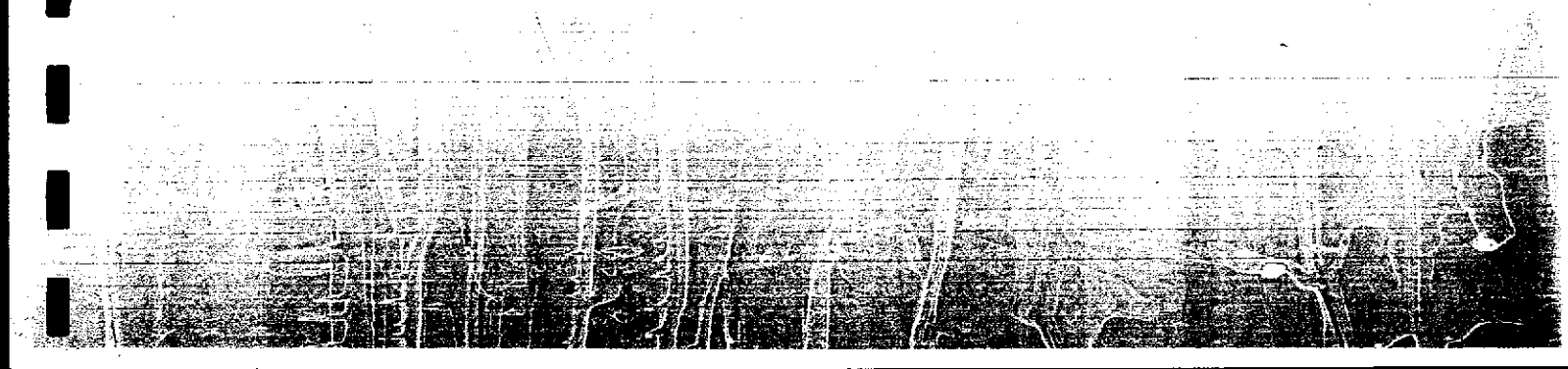
Calc Well Volume: 17 gal
Well Volume: x3 51 gal

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
	22.4	0.56	6.16	—	1	cloudy	
	22.3	0.56	6.15	—	2	|	
	21.8	0.58	6.19	—	3	|	
	21.8	0.59	6.21	—	4	|	
	21.8	0.60	6.22	—	5	|	



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

Date: 7/23/01
Page ____ of ____
Project Manager: David Bero

Well ID: MW-3
Well Diameter: 2

DTW Measurements:
Initial: 12.60
Recharge: ____
DTB: 24.67

Calc Well Volume: 1.9 gal
Well Volume x3 5.9 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
	18.7	0.55	6.32	—	1	cloudy	odor/sheen
	18.6	0.67	6.51	—	2		
	18.9	0.65	6.48	—	3		
	18.9	0.65	6.50	—	4		
	18.9	0.67	6.50	—	5		
					6		DRY @ 5 gallons

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

Date: 7/23/01
Page ____ of ____
Project Manager: David Bero

Well ID: MW-4
Well Diameter: 2

DTW Measurements:
Initial: 16.79
Recharge: ____
DTB: 22.97

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: 10
Hydac: ____
Omega: ____
Other: ____

Time	Temp ~~C~~ C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	22.9	0.70	6.22	—	1	cloudy	
	22.6	0.69	6.24	—	2		
	22.7	0.70	6.24	—	3		
	22.7	0.68	6.26	—	4		
	22.6	0.69	6.27	—	5		

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

Date: 7/23/01
Page ____ of ____
Project Manager: David Bero

Well ID: MW-5
Well Diameter: 2

DTW Measurements:
Initial: 10.64
Recharge: ____
DTB: 25.27

Calc Well Volume: 2.3 gal
Well Volume: X3 7.1 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 °C / °F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
	21.5	0.69	6.24	—	1	Cloudy	
	21.5	0.62	6.25	—	2		
	21.5	0.70	6.20	—	3		
	22.2	0.70	6.20	—	4		
	22.2	0.70	6.20	—	5		
	22.1	0.70	6.21	—	6		DTW @ 6 gallons

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

Date: 7/23/01
Page _____ of _____
Project Manager: David Bero

Well ID: MW6
Well Diameter: 2

DTW Measurements:
Initial: 11.00
Recharge: _____
DTB: 22.05

Calc Well Volume: 13 gal
Well Volume X3 39.4 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
	21.9	0.24	6.33	—	1	cloudy	
	21.6	0.50	6.44	—	2		
	20.9	0.50	6.41	—	3		
	21.0	0.50	6.35	—	4		
	21.0	0.50	6.30	—	5		
	21.0	0.50	6.26	—	6		

ZymaX — CHAIN of CUSTODY

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

DAVID BERG	phone (925)[illegible]598 fax (925)[illegible]0388
company ET CORP	project SEARS #1058
[illegible] HWY	project # 823291.03051300
[illegible] CA 94520	sampler Hector Marino

ANALYSIS REQUESTED

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

SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	TPH/[illegible] GC/MS	BTEX/MTBE/[illegible]	BTEX (8260)							# of containers	Remarks
MW-5	7/23/01	11:15	GW	HCl	X	X								3	
MW-6		12:05			X	X								3	
MW-7		10:32			X	X								3	
MW-8		10:48			X	X								3	
MW-1		12:19			X	X								3	
MW-9		13:15			X	X								3	
MW-4		12:58			X	X								3	
MW-2		12:47			X	X								3	
[illegible]-1		13:25			X	X								3	
Dup		[illegible]					X							2	

Comments:

Relinquished by:	Received by:
Signature [signature]	Signature [signature]
Print Hector Marino	Print WAYNE [illegible]
Company ET CORP	Company ZYMAX
Date Time	Date 07-[illegible]-01 Time 11:30 AM

Sample integrity upon receipt: [illegible] ☐ [illegible] ☐ [illegible] containers/types ☐

Bill 3rd Party:

PO#

Quote yes no

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

e-mail zymax@zymaxusa.com

ZymaX 71 Zaca Lane San Luis Obispo CA 93401 tel 805.5[illegible]4696 fax 805.5[illegible]8226

CHAIN of CUSTODY

report to: DAVID BERO		phone: [illegible]	fax: [illegible]
company: I T CORP		project: SEARS # 1058	
address: [illegible] Port Chicago Hwy [illegible] Ca 94520		project #: 823291.C305130	
		sampler: Hector Mercado	

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

SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	BTEX/MTBE 8015 (ESCAN)	BTEX (8260)								# of containers	Remarks
MW-3	7/23/01	13:48	GW	Hcl	X									3	
TBLB	7/23/01	—	DI	Hcl		X								1	

Comments:

Relinquished by:		Received by:	
Signature	[signature]	Signature	[signature]
Print	Hector Mercado	Print	WAYNE LEHMANN
Company	I T CORP	Company	ZymaX
Date	7-23-01	Date	07-30-01
Time		Time	11:30 AM

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

Bill 3rd Party:

PO#

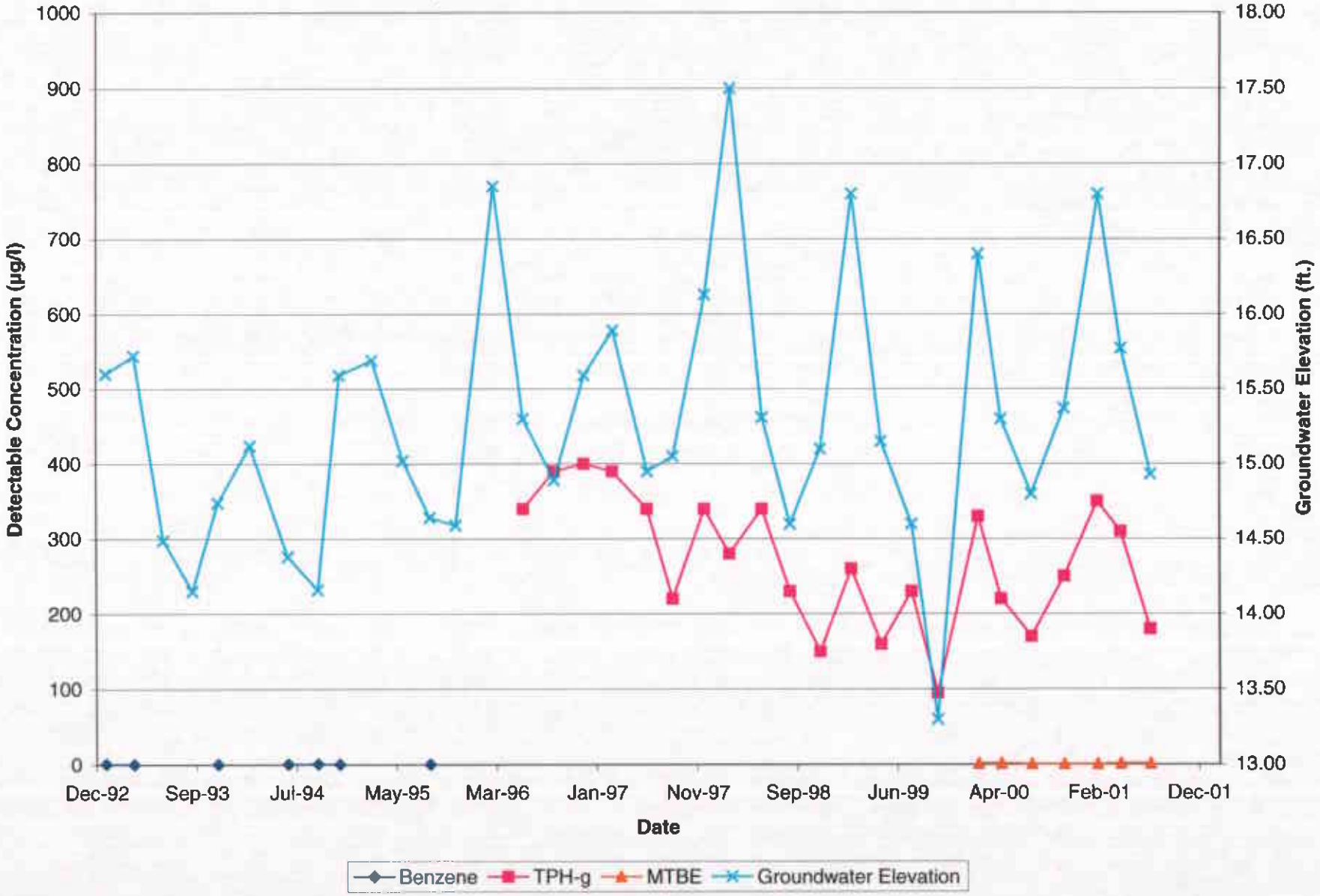
Quote yes no

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

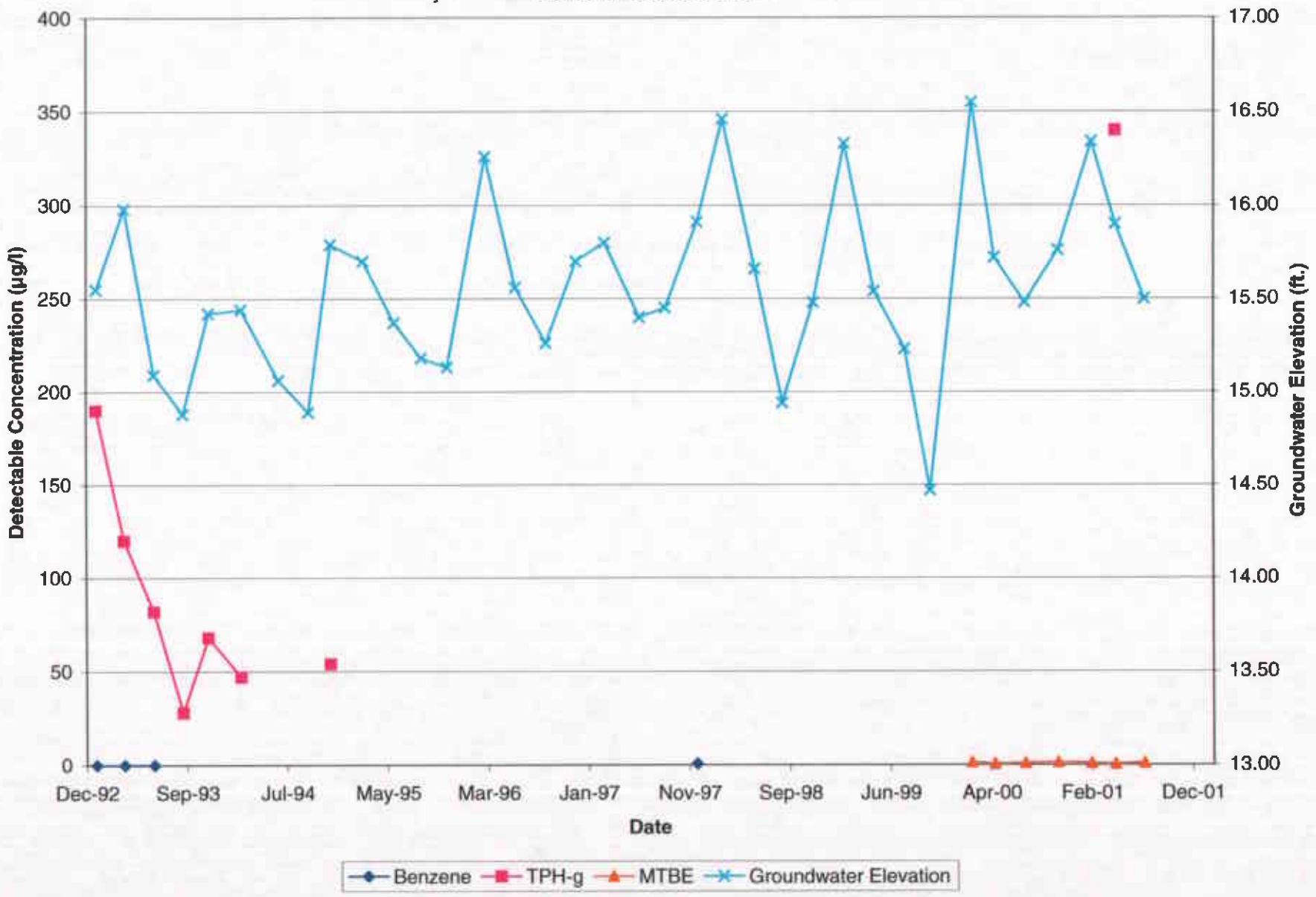
email: zymax@ZymaXusa.com

Page of

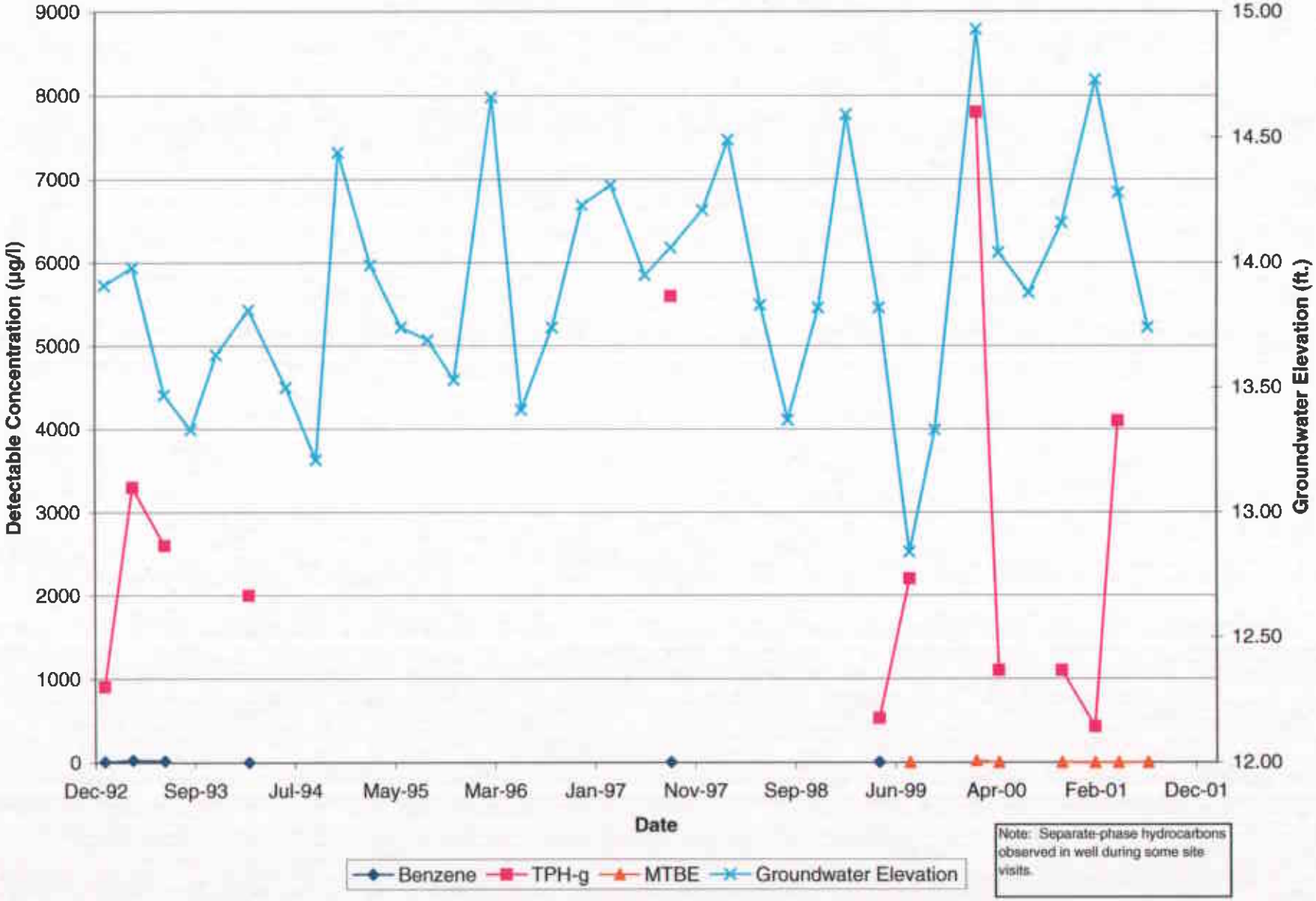
Graph 1, MW-1
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



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



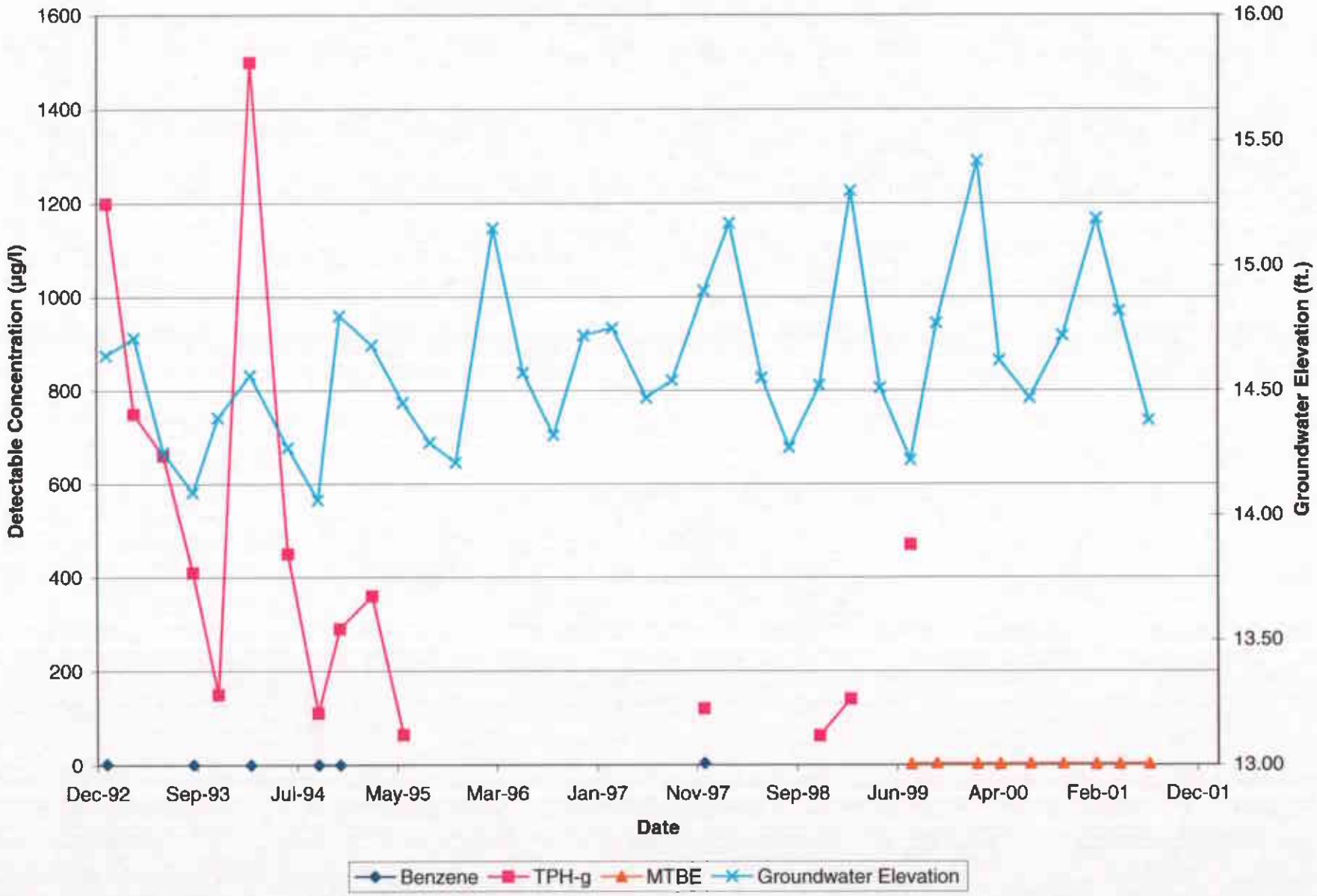
Graph 3, MW-3
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



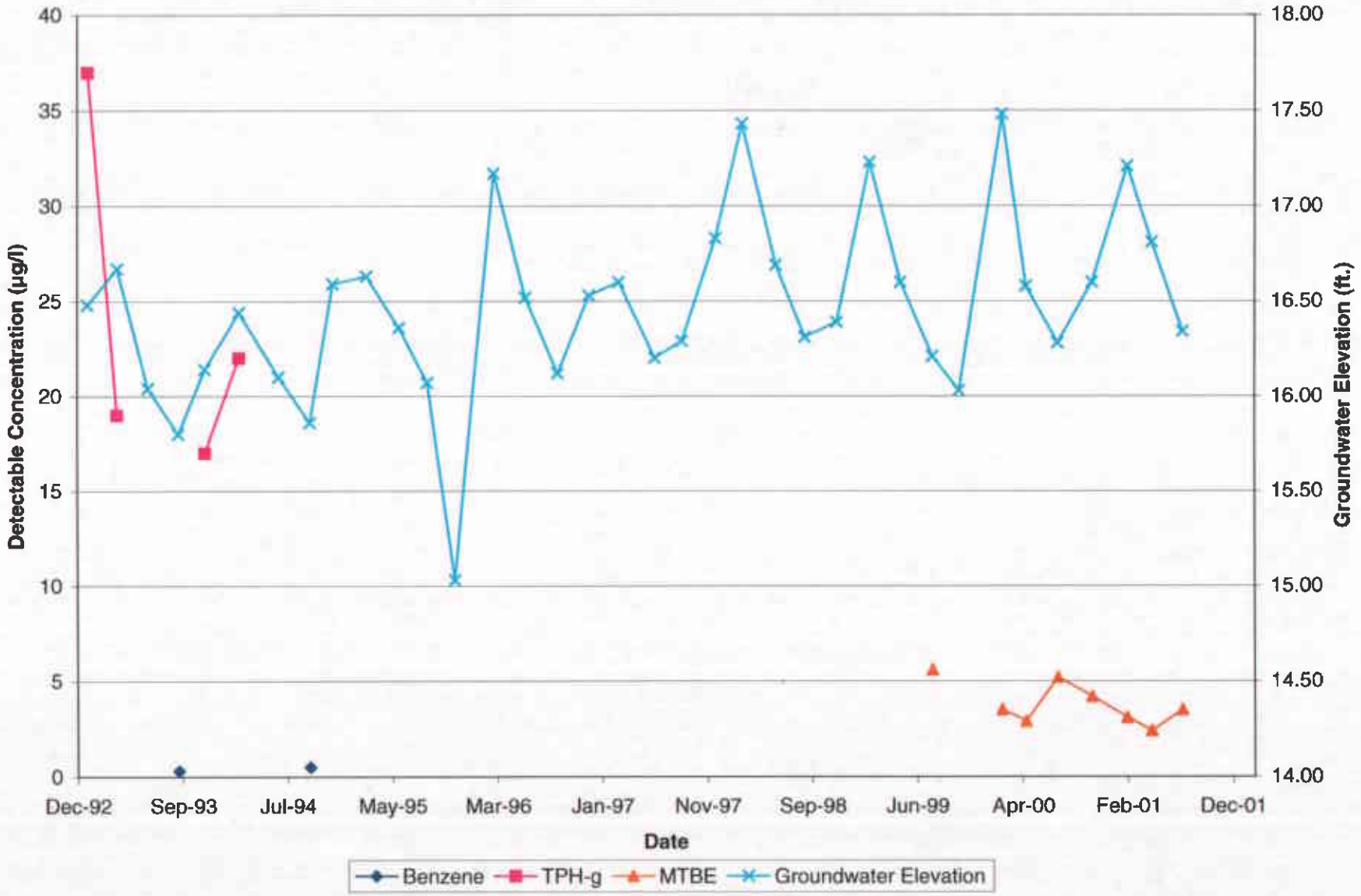
1058Q301HYD.XLS

IT CORPORATION

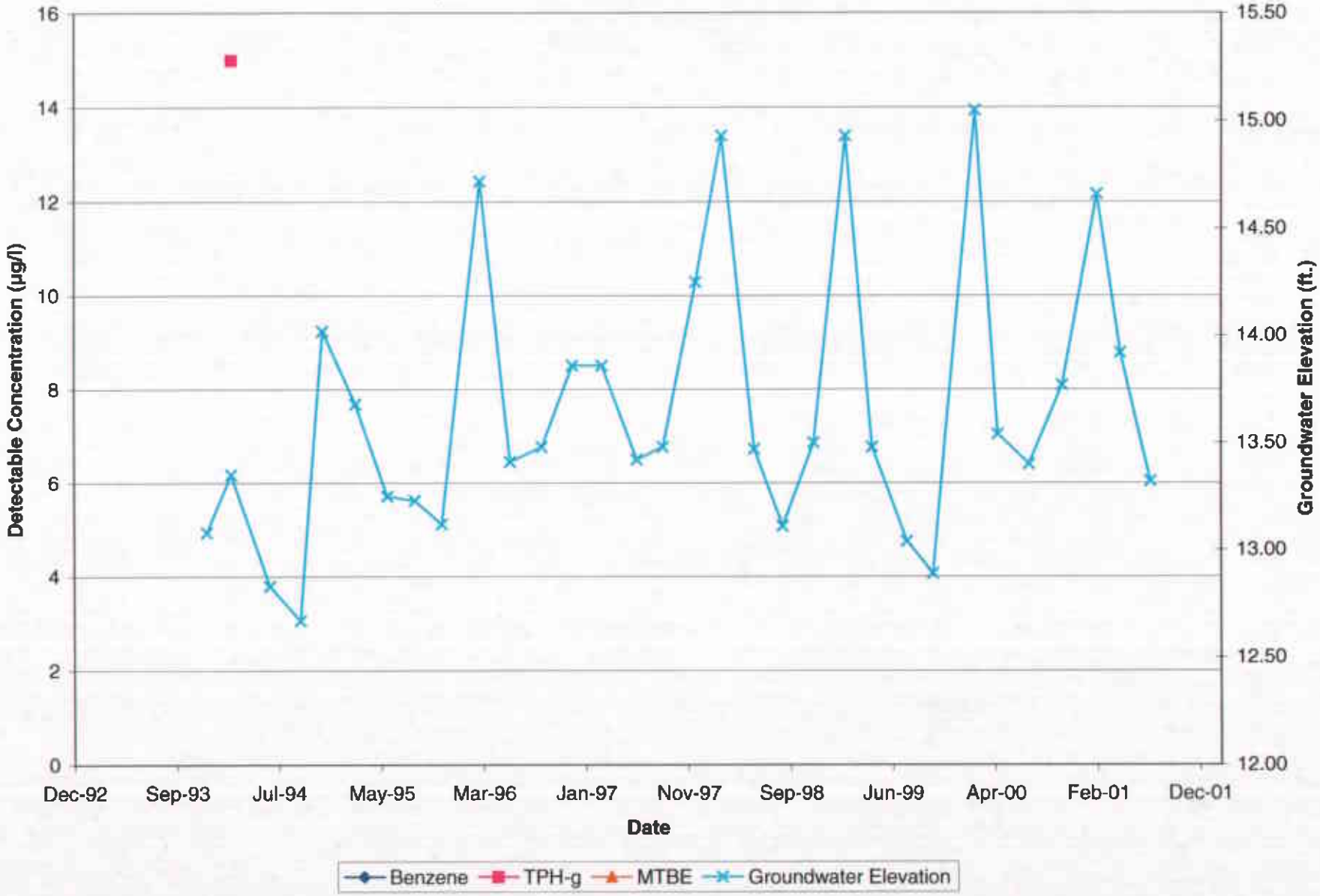
Graph 4, MW-4
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



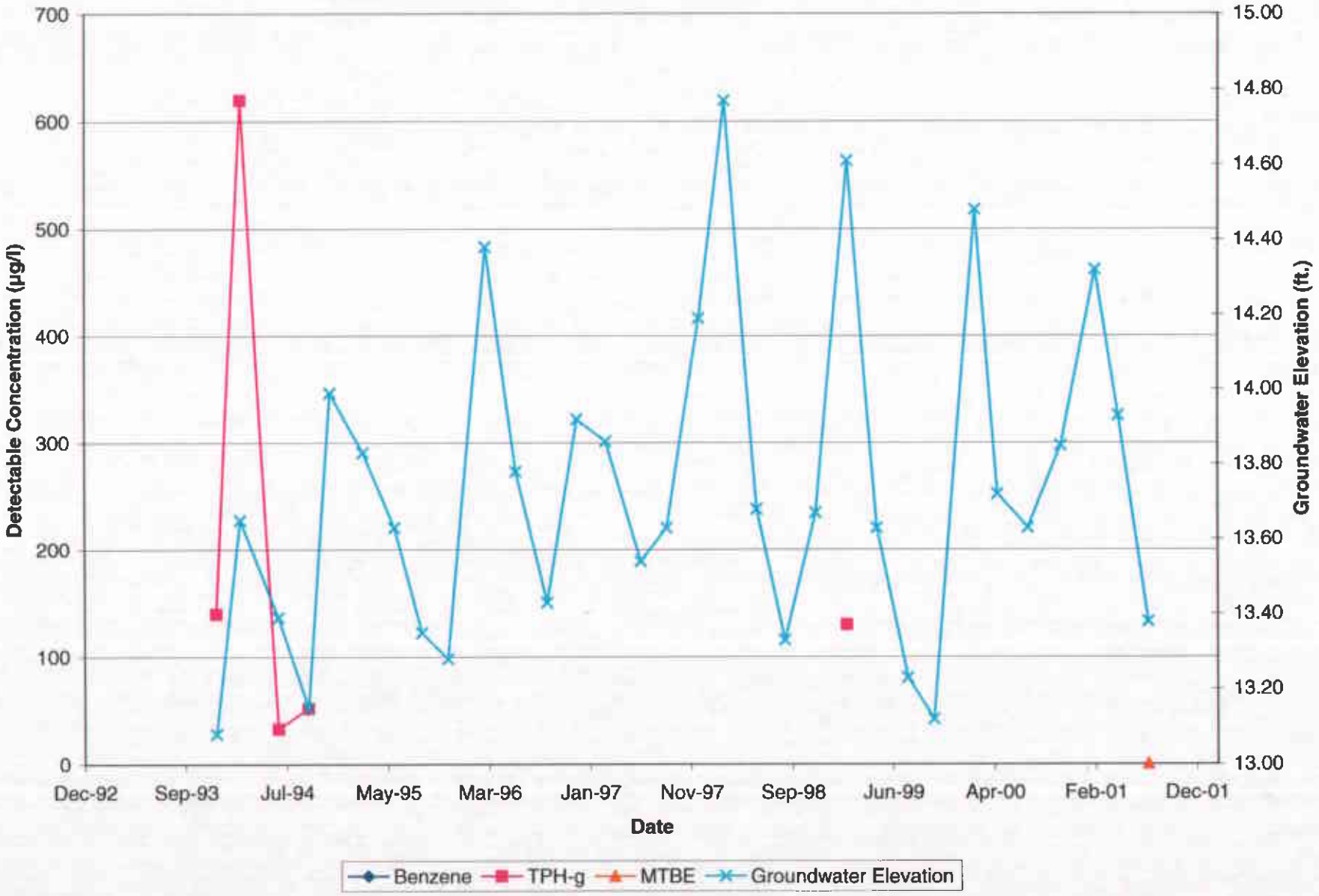
Graph 5, MW-5
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



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



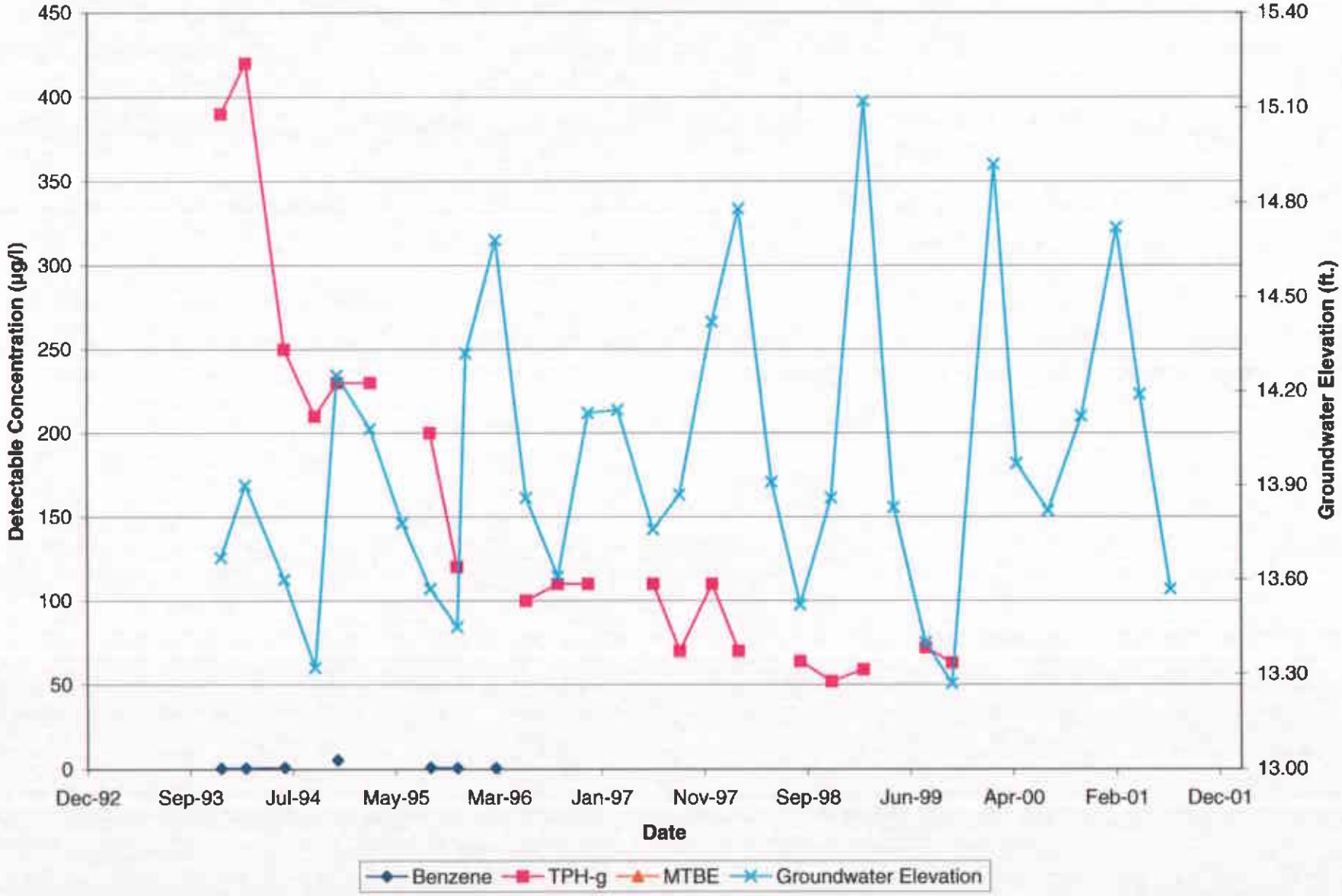
Graph 7, MW-7
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



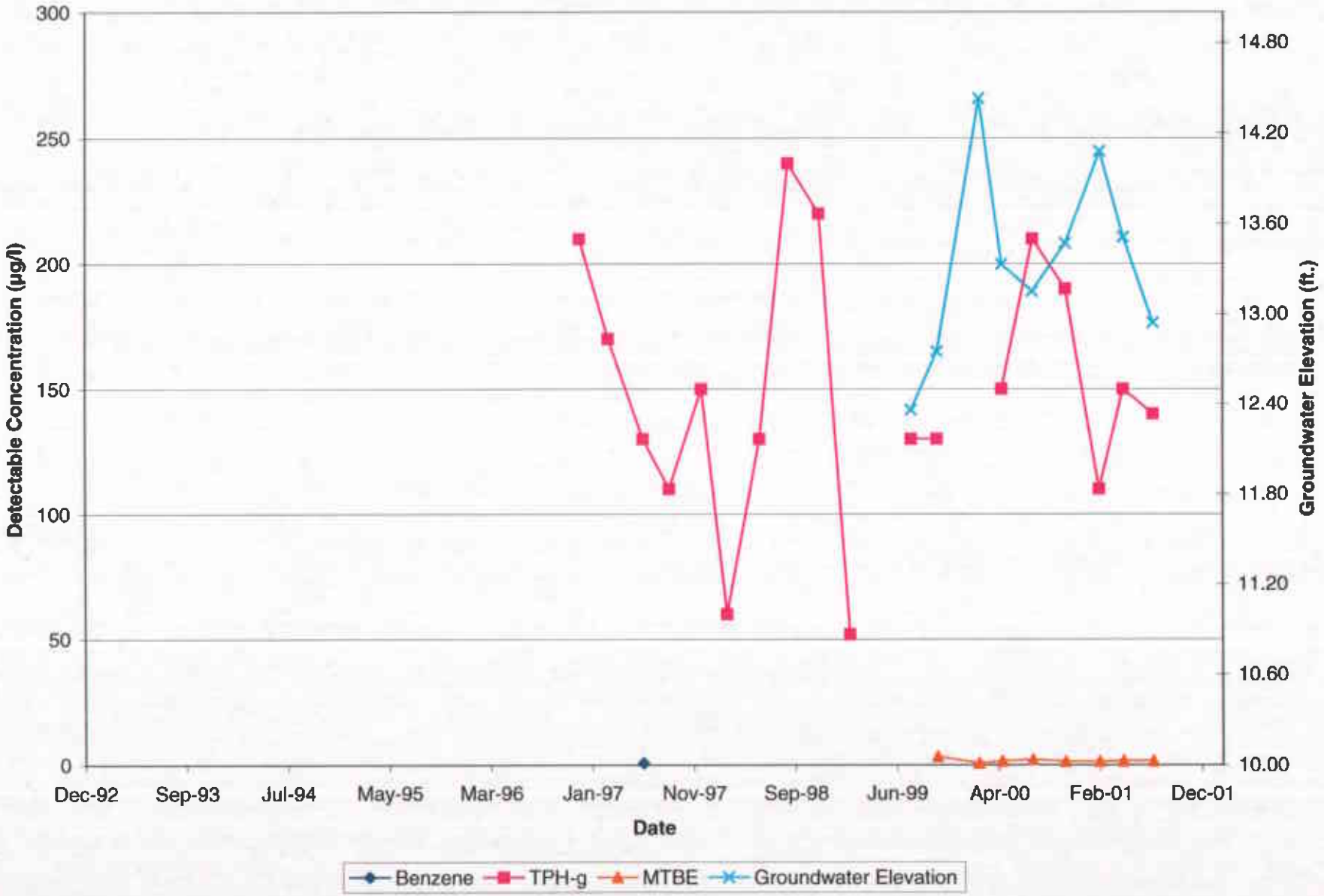
1058Q301HYD.XLS

IT CORPORATION

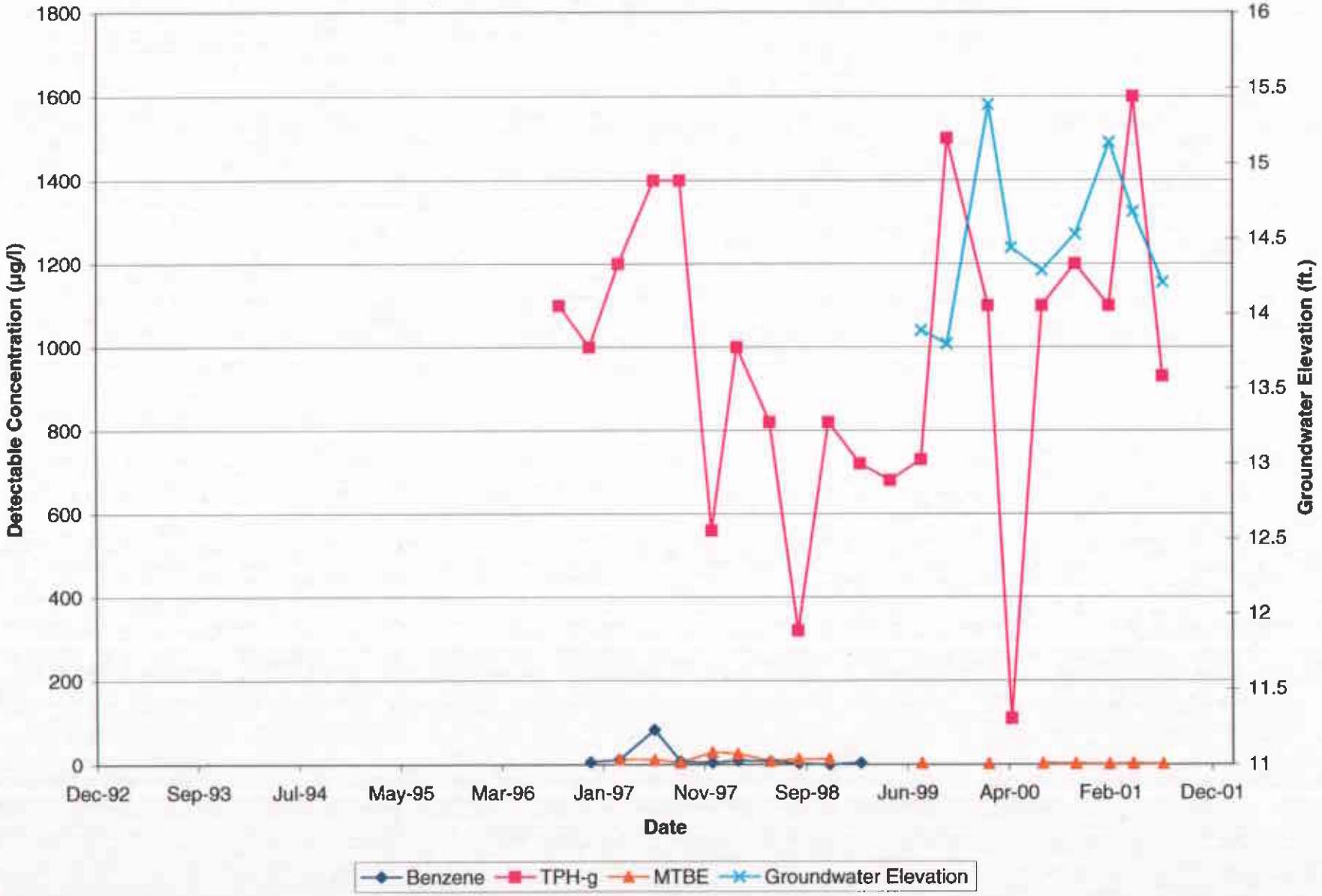
Graph 8, MW-8
Sears Store No. 1058, 2633 Telegraph Avenue
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



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



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 envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-5
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-1
Analyzed:	08/04/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	1.7
Percent Surrogate Recovery		98
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	180.
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
24633-5.xls
MN/al/bp/ccc/bc

805.544.4696
www.ZymaXusa.com

71 Zaca Lane
San Luis Obispo CA 93401
fax 805.544.8226

ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-5
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-1
Analyzed:	07/31/01
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 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

SA2337
MSD #9
24633-5t.xls
MN/al/dz/yl/ag

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San Luis Obispo CA 93401
fax 805.544.8226

ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-8
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-2
Analyzed:	08/03/01
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	1.2
Percent Surrogate Recovery		97
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
24633-8.xls
MN/al/bp/bc

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www.ZymaXusa.com

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San Luis Obispo CA 93401
fax 805.544.8226

ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-8
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-2
Analyzed:	07/31/01
Method:	See Below

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

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

Note: Analyzed by GC/MS Combination.
Note: Extracted by EPA 3510 on 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

SA2337
MSD #9
24633-8t.xls
MN/al/dz/yl/ag

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

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San Luis Obispo CA 93401
fax 805.544.8226

ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-11
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-3
Analyzed:	08/04/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	1.7
Percent Surrogate Recovery		94
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	1200.
BTX as a Percent of Fuel		N/A

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

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

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #2
24633-11.xls
MN/al/bp/bc

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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-11
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-3
Analyzed:	07/31/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C16-C34)	1000.	64000.
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.

Note: Analyzed by GC/MS Combination.
Note: Extracted by EPA 3510 on 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

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Submitted by,
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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-7
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-4
Analyzed:	08/03/01
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	2.5
Percent Surrogate Recovery		98
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

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***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,
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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-7
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-4
Analyzed:	07/31/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		106

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 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-1
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-5
Analyzed:	08/03/01
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	3.5
Percent Surrogate Recovery		95
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

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***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,
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Michael Ng
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REPORT OF ANALYTICAL RESULTS

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

Lab Number:	24633-1
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous

Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Sample Description:	MW-5
Analyzed:	07/31/01
Method:	See Below

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

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***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 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

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REPORT OF ANALYTICAL RESULTS

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

Lab Number:	24633-2
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous

Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Sample Description:	MW-6
Analyzed:	08/03/01
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		96
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,
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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-2
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-6
Analyzed:	07/31/01
Method:	See Below

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

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***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 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-3
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-7
Analyzed:	08/03/01
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	0.5
Percent Surrogate Recovery		94
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

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*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,
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REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-3
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-7
Analyzed:	07/31/01
Method:	See Below

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

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*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 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	**24633-4**
Collected:	**07/23/01**
Received:	**07/30/01**
Matrix:	**Aqueous**

Project:	**Sears - Oakland #1058**
Project Number:	**823291.03051300**
Collected by:	**Hector Merino**

Sample Description:	**MW-8**
Analyzed:	**08/03/01**
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		92
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
24633-4.xls
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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	**24633-4**
Collected:	**07/23/01**
Received:	**07/30/01**
Matrix:	**Aqueous**

Project:	**Sears - Oakland #1058**
Project Number:	**823291.03051300**
Collected by:	**Hector Merino**

Sample Description:	**MW-8**
Analyzed:	**07/31/01**
Method:	**See Below**

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	100.	ND
Percent Surrogate Recovery		98

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 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-6
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-9
Analyzed:	08/03/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	1.6
Percent Surrogate Recovery		96
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	140.
BTX as a Percent of Fuel		N/A

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*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
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MSD #2
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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-6
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	MW-9
Analyzed:	07/31/01
Method:	See Below

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

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*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 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	24633-10
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous

Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Sample Description:	DUP
Analyzed:	08/04/01
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
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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

Client:	Dave Bero IT Corporation 4005 Port Chicago Hwy Concord, CA 94520-1120
Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Lab Number:	24633-9
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous
Sample Description:	EW-1
Analyzed:	08/04/01
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	1.8
Percent Surrogate Recovery		104
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	930.
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
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ZymaX envirotechnology

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	24633-9
Collected:	07/23/01
Received:	07/30/01
Matrix:	Aqueous

Project:	Sears - Oakland #1058
Project Number:	823291.03051300
Collected by:	Hector Merino

Sample Description:	EW-1
Analyzed:	07/31/01
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons (C16-C34)	100.	15000.
Percent Surrogate Recovery		90

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*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 07/30/01.
Note: Analytical range is C8-C40.
Note: TPH quantitated against motor oil.

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
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REPORT OF ANALYTICAL RESULTS

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

Lab Number:	**24633-12**
Collected:	**07/23/01**
Received:	**07/30/01**
Matrix:	**Aqueous**

Project:	**Sears - Oakland #1058**
Project Number:	**823291.03051300**
Collected by:	**Hector Merino**

Sample Description:	**TBLB**
Analyzed:	**08/04/01**
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		96

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
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MSD #2
24633-12.xls
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CHAIN of CUSTODY

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phone: (925) 288-9898
fax: (925) 288-0888
company: IT CORP
project: SEARS # 1058
address: 4005 Port Chicago Hwy, Concord Ca. 94520
project #: 823291.03051300
sampler: Hector Merino

ANALYSIS REQUESTED: TPH Motor Oil GC/MS (combo); BTEX/MTBE/TPH-G 8260 GC/MS (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 Motor Oil GC/MS (combo)	BTEX/MTBE/TPH-G 8260 GC/MS (combo)	BTEX (8260)	# of containers	Remarks
24633-1	MW-5 ✓	7/23/01	11:15	GW	HCl	X	X		3	
-2	MW-6 ✓		12:08			X	X		3	
-3	MW-7 ✓		10:32			X	X		3	
-4	MW-8 ✓		10:48			X	X		3	
-5	MW-1 ✓		12:19			X	X		3	
-6	MW-9 ✓		13:15			X	X		3	
-7	MW-4 ✓		12:58			X	X		3	
-8	MW-2 ✓		12:47			X	X		3	
-9	EW-1 ✓		13:25			X	X		3	
-10	DUP ✓		12:58					X	2	

Comments

Relinquished by:
Signature [signature]
Print Hector Merino
Company IT CORP
Date ______ Time ______

Received by:
Signature [signature]
Print WAYNE LOHMAN
Company ZYMAX
Date 07-30-01 Time 11:30 AM

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 BERO
phone: (925)288-9898
fax: (925)288-0888
company: IT CORP
project: SEARS #1058
address: 4005 Port Chicago Hwy Concord Ca. 94520
project #: 823291.03051300
sampler: Hector Marin

ANALYSIS REQUESTED: BTEX/MTBE TPHG (8260/8015 combo) | BTEX (8260) | TPH motor oil

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

ZymaX use only	SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	BTEX/MTBE TPHG (8260/8015 combo)	BTEX (8260)	TPH motor oil	# of containers	Remarks
24633-11	MW-3 ✓	7/23/01	13:48	GW	Hcl	X		(X)	3	
-12	TBLB ✓	7/23/01	—	DI	Hcl		X		1	

Comments
(X) per D. Bero 7-31-01 cm

Relinquished by:
Signature: [signature]
Print: Hector Marin
Company: IT CORP
Date: 7-23-01 Time: ______

Received by:
Signature: Wayne L Lehman
Print: WAYNE LEHMAN
Company: ZYMAX
Date: 07-30-01 Time: 11:30 AM

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