STID 1630 DH

the i group

IT Corporation
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A Member of The IT Group

ENVIRONMENTAL PROTECTION
00 FEB 14 AM 9:20

Transmittal Letter

Date: February 11, 2000

To: Ms. Juliet Shin

Company: Alameda County Health Care Services Agency, EHS Dept.

Address: 1131 Harbor Bay Parkway, Suite 250

City: Alameda State/Zip: CA 94502-6577

We are sending via:

○ Courier ○ U.S. Mail ○ UPS ☑ Overnight Mail ○ Other _____

The following:

☑ Report ○ Shop Drawings ○ Samples
○ Proposal ○ Specifications ○ Other _____

Transmitted as checked:

○ Approved ☑ For Approval ○ Approved as Noted
○ For Correction ☑ For Your Use ○ As Requested
○ For Comments ☑ For Your Records ○ For Distribution

Comments.
Ms. Shin-
Enclosed please find the Soil and Groundwater Assessment Report dated February 9, 2000 regarding Sears Auto Center No 1039, located at 1911 Telegraph Avenue in Oakland, CA. If you have any questions, please don't hesitate to contact me at (925) 288-9898.

Sincerely,
IT Corporation

Heidi L Archuleta FOR
David A. Bero
West Zone Project Manager

c: Scott DeMuth, Mgr – Environmental Technical Services; Sears, Roebuck and Co., Hoffman Estates, IL
Russ Zora, IT Central Files, Overland Park, KS
Project Files

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May 3, 2000

Ms. Juliet Schin
Hazardous Materials Specialist
Alameda County, Health Care Services Agency
Environmental Health Services Dept.
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: First Quarter 2000, Groundwater Monitoring and Sampling Report
Sears Auto Center No. 1039, 1901-1911 Telegraph Avenue, Oakland, California
IT Corporation Project 1176601

Dear Ms. Schin:

On behalf of Sears, Roebuck and Co., IT Corporation presents the quarterly groundwater monitoring and sampling data collected from the above referenced site on February 1, 2000. Nine groundwater monitoring wells were gauged to determine depth to groundwater and to check for the presence of separate-phase petroleum hydrocarbons. Separate-phase hydrocarbons were not detected in any of the monitoring wells. A potentiometric surface map is provided in Attachment 1, Figure 1. A summary of historical groundwater elevation data is provided in Attachment 2, Table 1.

After measuring depth to water, all monitoring wells were purged and sampled. Field data sheets and groundwater monitoring and sample collection protocol are provided in Attachment 3. The groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g), methyl tert-butyl ether (MTBE) and dissolved benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8260 and GC/MS Combination, and for purgeable halocarbons using EPA Method 8260. Groundwater samples from wells MW-4 and MW-6 were additionally analyzed for total oil and grease by EPA Method 413.2.

Static groundwater levels for the first quarter 2000 ranged from 75.84 to 78.32 feet above mean sea level (an average of 16.20 feet below top of casing). Groundwater elevations have increased by an average of 0.14 foot since fourth quarter (November 4, 1999). The apparent groundwater flow is to the east at an average hydraulic gradient of 0.01 foot per foot, and is similar to previous quarterly data.

Results of quarterly sampling indicated detectable concentrations of dissolved petroleum hydrocarbons in monitoring wells MW-2, MW-4, MW-5, and MW-7, with highest concentrations of TPH-g and benzene in MW-7. MTBE was detected in the samples collected from wells MW-7 and MW-9 at concentrations of 6.6 and 3.0 micrograms per liter, respectively. All monitoring wells

contained detectable concentrations of some halogenated volatile organics: 1,2-dichloroethane (1,2-DCA), cis-1,2-dichloroethene, tetrachloroethene (PCE), trichloroethene (TCE), and/or methylene chloride. These chemicals are not typically found in gasoline or new/used motor oil. A summary of the groundwater analytical results is provided in Attachment 2, Table 2. A distribution map of dissolved benzene, TPH-g, and MTBE concentrations is provided in Attachment 1, Figure 2.

Hydrographs and detectable concentrations versus time data are illustrated in Graphs 1 through 7 (Attachment 4). Petroleum hydrocarbon concentrations below detection limits are not shown on the graphs. A direct correlation between groundwater elevation and TPH-g concentrations can be seen in downgradient well MW-7. Laboratory reports and chain-of-custody documents are provided in Attachment 5.

Concentrations of dissolved petroleum hydrocarbons and halogenated volatile organics have been generally declining since monitoring began in 1995; however, concentrations of petroleum hydrocarbons in monitoring wells MW-2, MW-4, and MW-7 show an increase during this quarter. It is not clear what caused this increase. Water levels have risen only slightly since the previous quarter. Non-detectable levels of TPH-g in downgradient wells MW-8 and MW-9 indicate that the extent of dissolved gasoline-range petroleum hydrocarbons has been defined. The source of the dissolved chlorinated hydrocarbons, particularly PCE and TCE, is not known. All site-related monitoring wells will continue to be sampled on a quarterly basis.

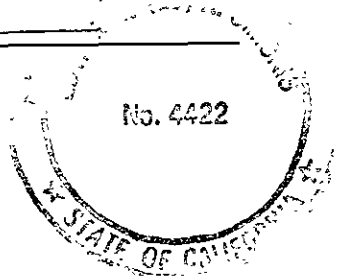
If you have comments or questions, please contact David Bero at (925) 288-2024.

Sincerely,
IT CORPORATION
Submitted by:

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

IT CORPORATION
Approved by:

Ed K. Simonis, R.G.
Senior Geologist



Attachments:

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

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

Attachment 1

Figures

DRAWING NUMBER	803686-B1
APPROVED BY	
CHECKED BY	
DRAWN BY	M. Verhoeg 3/7/00
OFFICE	CONCORD
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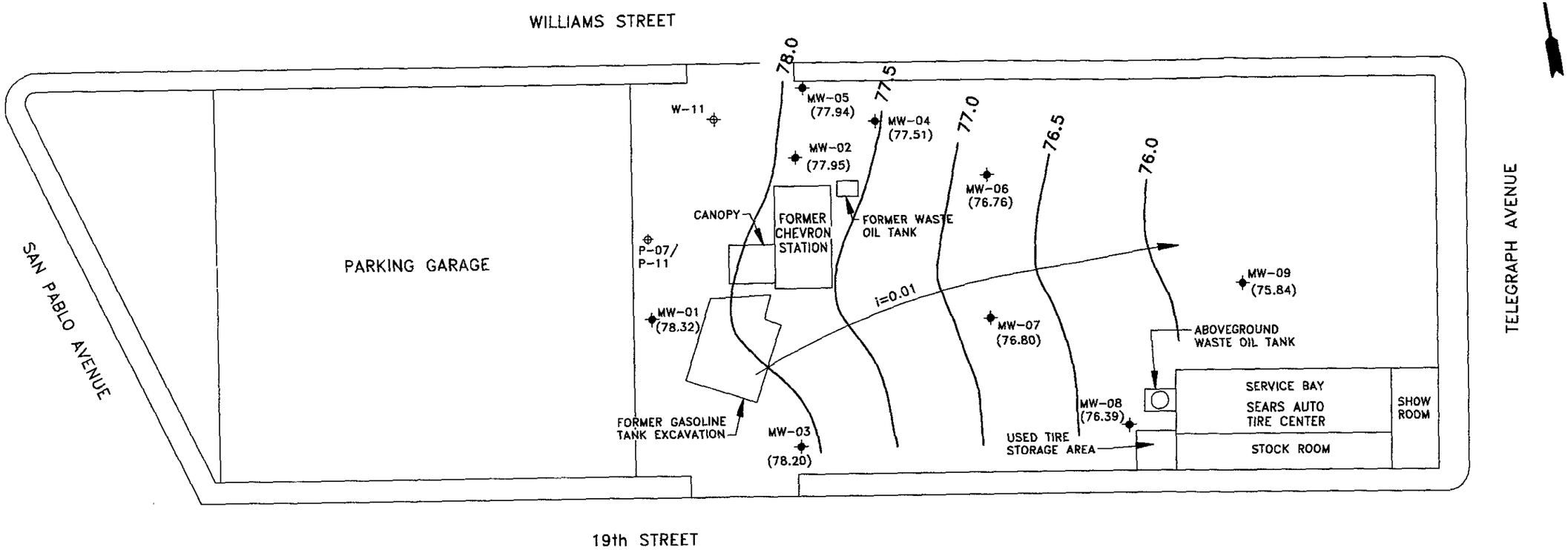

LEGEND

- ✦ MONITORING WELL
- ⌖ SOIL PROBE
- ( ) POTENTIOMETRIC SURFACE ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- POTENTIOMETRIC SURFACE CONTOUR; INTERVAL = 0.5 FT
- GROUNDWATER FLOW DIRECTION AND
- i=0.01 AVERAGE GRADIENT (ft/ft)

0 FEET 50
SCALE

IT CORPORATION

SEARS, ROEBUCK & CO.
SITE NO. 1039

FIGURE-1
POTENTIOMETRIC SURFACE MAP
(GAUGED FEBRUARY 1, 2000)
1901-1911 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

FORMAT REVISION 2/26/99

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
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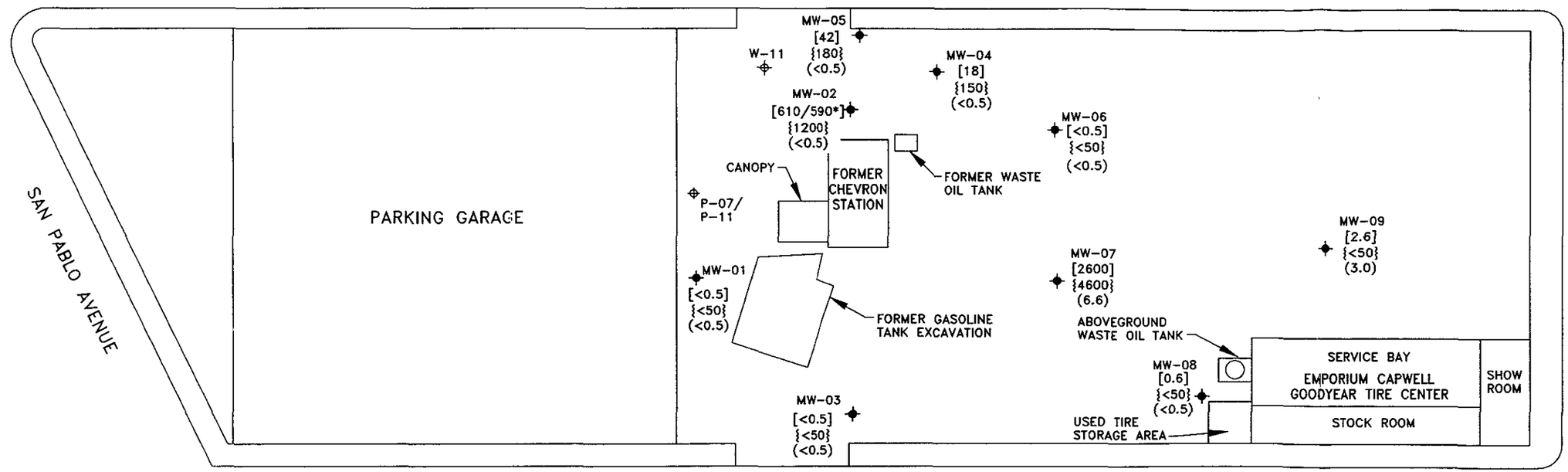


LEGEND

- ✦ MONITORING WELL
- ⌖ SOIL PROBE
- [ ] BENZENE CONCENTRATION [ug/L]
- { } TPH AS GASOLINE CONCENTRATIONS {ug/L}
- ( ) METHYL TERT-BUTYL ETHER (MTBE) CONCENTRATIONS (ug/L) (ANALYZED BY EPA 8260 AND GC/MS COMBINATION)
- * DUPLICATE

0 FEET 50
SCALE

IT CORPORATION

SEARS, ROEBUCK & CO.
SITE NO. 1039

FIGURE-2
CONCENTRATIONS OF BENZENE
TPH-AS-GASOLINE & MTBE
IN GROUNDWATER
(SAMPLED FEBRUARY 1, 2000)
1901-1911 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

Attachment 2

Tables

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

Sears Store 1039
1911 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-1	94.34	06/12/96	16.21	–	–	78.13
		09/05/96	16.89	–	–	77.45
		12/03/96	17.07	–	–	77.27
		02/27/97	15.55	–	–	78.79
		06/10/97	16.46	–	–	77.88
		08/27/97	16.97	–	–	77.37
		11/26/97	17.24	–	–	77.10
		02/11/98	16.07	–	–	78.27
		05/19/98	15.43	–	–	78.91
		08/10/98	15.98	–	–	78.36
		11/09/98	16.63	–	–	77.71
		02/11/99	16.55	–	–	77.79
		05/10/99	15.50	–	–	78.84
		08/09/99	15.82	–	–	78.52
		11/05/99	16.29	–	–	78.05
	94.34	02/01/00	16.02	–	–	78.32
MW-2	93.95	06/12/96	16.01	–	–	77.94
		09/05/96	16.66	–	–	77.29
		12/03/96	16.20	–	–	77.75
		02/27/97	14.46	–	–	79.49
		06/10/97	14.00	–	–	79.95
		08/27/97	16.55	–	–	77.40
		11/26/97	16.86	–	–	77.09
		02/11/98	15.85	–	–	78.10
		05/19/98	15.32	–	–	78.63
		08/10/98	15.82	–	–	78.13
		11/09/98	16.53	–	–	77.42
		02/11/99	16.38	–	–	77.57
		05/10/99	15.19	–	–	78.76
		08/09/99	16.09	–	–	77.86
		11/05/99	16.20	–	–	77.75
	93.95	02/01/00	16.00	–	–	77.95
MW-3	96.15	06/12/96	17.56	–	–	78.59
		09/05/96	18.32	–	–	77.83
		12/03/96	18.57	–	–	77.58
		02/27/97	17.43	–	–	78.72
		06/10/97	18.12	–	–	78.03
		08/27/97	18.47	–	–	77.68
		11/26/97	18.70	–	–	77.45
		02/11/98	17.76	–	–	78.39
		05/19/98	16.99	–	–	79.16
		08/10/98	17.51	–	–	78.64

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

Sears Store 1039
1911 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-3 cont.		11/09/98	18.07	–	–	78.08
		02/11/99	18.07	–	–	78.08
		05/10/99	17.04	–	–	79.11
		08/09/99	17.77	–	–	78.38
		11/05/99	18.00	–	–	78.15
	96.15	02/01/00	17.95	–	–	78.20
MW-4	92.01	06/12/96	14.21	–	–	77.80
		09/05/96	14.83	–	–	77.18
		12/03/96	13.99	–	–	78.02
		02/27/97	12.44	–	–	79.57
		06/10/97	14.20	–	–	77.81
		08/27/97	14.62	–	–	77.39
		11/26/97	15.00	–	–	77.01
		02/11/98	14.10	–	–	77.91
		05/19/98	13.57	–	–	78.44
		08/10/98	14.10	–	–	77.91
		11/09/98	14.75	–	–	77.26
		02/11/99	14.57	–	–	77.44
		05/10/99	13.46	–	–	78.55
		08/09/99	14.15	–	–	77.86
		11/05/99	14.62	–	–	77.39
	92.01	02/01/00	14.50	–	–	77.51
MW-5	92.09	06/12/96	14.13	–	–	77.96
		09/05/96	14.77	–	–	77.32
		12/03/96	13.99	–	–	78.10
		02/27/97	12.08	–	–	80.01
		06/10/97	16.00	–	–	76.09
		08/27/97	14.55	–	–	77.54
		11/26/97	14.95	–	–	77.14
		02/11/98	13.97	–	–	78.12
		05/19/98	13.52	–	–	78.57
		08/10/98	13.97	–	–	78.12
		11/09/98	14.67	–	–	77.42
		02/11/99	14.50	–	–	77.59
		05/10/99	13.23	–	–	78.86
		08/09/99	13.90	–	–	78.19
		11/05/99	14.40	–	–	77.69
	92.09	02/01/00	14.15	–	–	77.94
MW-6	92.16	06/12/96	14.99	–	–	77.17
		09/05/96	15.50	–	–	76.66
		12/03/96	15.07	–	–	77.09

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

Sears Store 1039
1911 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-6		02/27/97	14.14	--	--	78.02
cont.		06/10/97	15.30	--	--	76.86
		08/27/97	15.42	--	--	76.74
		11/26/97	15.70	--	--	76.46
		02/11/98	14.87	--	--	77.29
		05/19/98	14.32	--	--	77.84
		08/10/98	14.90	--	--	77.26
		11/09/98	15.39	--	--	76.77
		02/11/99	15.21	--	--	76.95
		05/10/99	14.12	--	--	78.04
		08/09/99	15.00	--	--	77.16
		11/05/99	15.55	--	--	76.61
	92.16	02/01/00	15.40	--	--	76.76
MW-7	93.80	06/12/96	16.56	--	--	77.24
		09/05/96	17.10	--	--	76.70
		12/03/96	17.12	--	--	76.68
		02/27/97	16.20	--	--	77.60
		06/10/97	17.00	--	--	76.80
		08/27/97	17.18	--	--	76.62
		11/26/97	17.40	--	--	76.40
		02/11/98	16.65	--	--	77.15
		05/19/98	15.96	--	--	77.84
		08/10/98	16.48	--	--	77.32
		11/09/98	16.98	--	--	76.82
		02/11/99	16.94	--	--	76.86
		05/10/99	15.87	--	--	77.93
		08/09/99	16.60	--	--	77.20
		11/05/99	17.01	--	--	76.79
	93.80	02/01/00	17.00	--	--	76.80
MW-8	94.49	11/05/99	18.15	--	--	76.34
		02/01/00	18.10	--	--	76.39
MW-9	92.54	11/05/99	16.86	--	--	75.68
		02/01/00	16.70	--	--	75.84

Notes:
-- = No data for the cell, including "product not detected"

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

Sears Store 1039
1911 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	MTBE	Benzene	Toulene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TCE	1,2-DCA	cis-1,2 DCE	1,1-DCE	OIL/ GREASE	PCE
MW-1	10/01/95	--	ND	ND	ND	ND	<50	ND	ND	--	--	--	9.9
	01/01/96	--	ND	ND	ND	ND	<50	14	ND	--	--	--	9.9
	06/12/96	--	<0.5	1.4	<0.5	<2	<50	<0.5	<0.5	--	--	--	12
	09/05/96	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	--	--	--	12
	12/03/96	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	02/27/97	<5.0	<0.5	<0.5	<0.5	<2	<50	1.3	<0.5	<0.5	<0.5	--	31
	06/10/97	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	19
	08/27/97	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	16
	11/26/97	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	17
	02/11/98	<5.0	<0.5	<0.5	<0.5	<3	<50	<0.5	<0.5	<0.5	<0.5	--	20
	05/19/98	<5.0	<0.5	<0.5	<0.5	<4	<50	<0.5	<0.5	<0.5	<0.5	--	14
	08/10/98	<2.5	<0.5	<0.5	<0.5	<5	<50	<0.5	<0.5	<0.5	<0.5	--	14
	11/09/98	3.1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	16
	02/08/99	<2.5	<0.5	<0.5	<0.5	<5	<50	20	<0.5	<0.5	<0.5	--	<0.5
	05/10/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	14
	08/09/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	14
	11/05/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	20
	02/01/00	<0.5*	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	24
MW-2	10/01/95	--	1,200	5.4	41	5.9	2,900	40	280	--	--	--	ND
	01/01/96	--	1,100	11.0	100	6.9	780	38	270	--	--	--	ND
	06/12/96	--	890	7.0	56	10	3,600	40	160	--	--	--	<3
	09/05/96	<5.0	350	3.0	17	10	2,100	29	55	1.9	55	--	<0.5
	12/03/96	40	230	2.4	7.8	7	1,100	20	86	7	<0.5	--	<0.5
	02/27/97	12	210	2.2	6	3	1,000	25	43	<0.5	<0.5	--	0.8
	06/10/97	<30	510	3.0	6	<10	1.8	19	47	4.9	<0.5	--	1
	08/27/97	11	51	<0.5	1.4	<2	450	16	29	4.2	<0.5	--	0.5
	11/26/97	<30	380	5.0	9	12	1,200	13	29	3.1	<0.5	--	0.6
	02/11/98	8	310	4.0	9.8	9	1,100	16	<0.5	2.6	0.6	--	<0.5
	05/19/98	20	320	2.1	9.9	8	1,200	14	47	1.6	<0.5	--	0.5
	08/10/98	40	37	1.0	1.2	0.9	300	11	30	2.4	<0.5	--	<0.5
	11/09/98	<2.5	57	<0.5	1.7	<0.5	440	12	25	2.3	<0.5	--	<0.5
	02/08/99	11	240	2.3	8.9	5	480	11	36	1.4	<0.5	--	<0.5
	05/10/99	24/<2.0*	260	2.2	7.9	4.2	260	7	24	3.4	<0.5	--	<0.5
	08/09/99	14/<2.0*	43	0.79	0.54	<0.5	250	11	33	2.6	<0.5	--	<0.5
	11/05/99	11/<2.0*	63	0.68	0.65	1.1	320	13	41	1.3	<0.5	--	<0.5
	02/01/00	<0.5*	610/ 590**	4.4/ 6.3**	63/ 65**	5.9/ 7.1**	1200	15	73	2	<0.5	--	<0.5
MW-3	10/01/95	--	ND	ND	ND	ND	<50	ND	ND	--	--	--	ND
	01/01/96	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	ND
	06/12/96	--	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	--	--	<0.5	<0.5
	09/05/96	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	--	--	<0.5	<0.5
	12/03/96	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	2.3
	02/27/97	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	6.3
	06/10/97	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	5.9
	08/27/97	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	5.8
	11/26/97	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	7.9
	02/11/98	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	7.9
	05/19/98	<5.0	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	5.5
	08/10/98	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	11/09/98	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	5.5
	02/08/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	6.4
	05/10/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	5.1
	08/09/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	4.8
	11/05/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	7.2
	02/01/00	<0.5*	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	6.9

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

Sears Store 1039
1911 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	MTBE	Benzene	Toulene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TCE	1,2-DCA	cis-1,2 DCE	1,1-DCE	OIL/ GREASE	PCE
MW-4	10/01/95	--	4.1	ND	ND	ND	<50	ND	ND	--	--	--	ND
	01/01/96	--	5.8	ND	ND	ND	<50	ND	ND	--	--	--	ND
	06/12/96	--	11	<0.5	<0.5	<2	320	<0.5	<0.5	--	--	<0.5	<0.5
	09/05/96	--	5.6	<0.5	<0.5	<2	70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/03/96	15	11	<0.5	<0.5	<2	270	<0.5	0.9	<0.5	<0.5	<0.5	<0.5
	02/27/97	<5.0	3.1	<0.5	<0.5	<2	190	<0.5	<0.5	<0.5	<0.5	<500	<0.5
	06/10/97	<5.0	11	<0.5	<0.5	<2	200	<0.5	<0.5	<0.5	<0.5	--	<0.5
	08/27/97	<5.0	9.6	<0.5	<0.5	<2	170	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/26/97	<5.0	6.7	<0.5	<0.5	<2	100	<0.5	<0.5	<0.5	<0.5	<500	<0.5
	02/11/98	<5.0	8.4	<0.5	<0.5	<2	110	<0.5	<0.5	<0.5	<0.5	<500	<0.5
	05/19/98	7	4.6	<0.5	<0.5	<2	110	<0.5	<0.5	<0.5	<0.5	<500	<0.5
	08/10/98	11	4.1	<0.5	<0.5	<0.5	110	<0.5	<0.5	<0.5	<0.5	9,600	<0.5
	11/09/98	<2.5	7.5	<0.5	<0.5	<0.5	130	<0.5	<0.5	<0.5	<0.5	<500	<0.5
	02/08/99	<2.5	6.8	<0.5	<0.5	<0.5	60	<0.5	<0.5	<0.5	<0.5	<500	<0.5
	05/10/99	<2.0	1.3	<0.5	<0.5	<0.5	61	<0.5	<0.5	<0.5	<0.5	<5000	<0.5
	08/09/99	3.9/<2.0*	7.9	<0.5	<0.5	<0.5	94	<0.5	<0.5	<0.5	<0.5	<1000	<0.5
	11/05/99	<2.5	9.0	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	02/01/00	<0.5*	18	<0.5	<0.5	<0.5	150	<0.5	<0.5	<0.5	<0.5	8.0	<0.5
MW-5	10/01/95	--	86	ND	ND	ND	260	ND	ND	--	--	--	ND
	01/01/96	--	160	3.6	ND	ND	180	ND	ND	--	--	--	ND
	06/12/96	--	54	1.1	<0.5	<2	260	<0.5	<0.5	--	--	--	<0.5
	09/05/96	<5.0	22	1.0	<0.5	<2	160	<0.5	<0.5	--	--	--	<0.5
	12/03/96	6	18	0.6	<0.5	<2	170	<0.5	<0.5	<0.5	<0.5	--	<0.5
	02/27/97	<5	74	2.0	<0.5	<2	230	<0.5	<0.5	<0.5	<0.5	--	<0.5
	06/10/97	<30	490	19.0	<3.0	<10	1,200	<0.5	<0.5	<0.5	<0.5	--	<0.5
	08/27/97	<5.0	100	4.6	<0.5	<2	340	<0.5	<0.5	<0.5	<0.5	--	<0.5
	11/26/97	<5.0	78	4.5	0.6	<2	400	<0.5	<0.5	<0.5	<0.5	--	<0.5
	02/11/98	<5.0	62	2.9	<0.5	<2	320	<0.5	<0.5	<0.5	<0.5	--	<0.5
	05/19/98	<5.0	97	2.6	<0.5	<2	330	<0.5	<0.5	<0.5	<0.5	--	<0.5
	08/10/98	11	48	1.9	<0.5	<0.5	190	<0.5	<0.5	<0.5	<0.5	--	<0.5
	11/09/98	<2.5	3.8	<0.5	<0.5	<0.5	81	<0.5	<0.5	<0.5	<0.5	--	<0.5
	02/08/99	3.8	3	<0.5	<0.5	<0.5	82	<0.5	<0.5	<0.5	<0.5	--	<0.5
	05/10/99	2.6/<2.0*	8.8	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	08/09/99	5.6<2.0*	25	<0.5	<0.5	<0.5	150	<0.5	<0.5	<0.5	<0.5	--	<0.5
	11/05/99	4.3/<2.0*	20	<0.5	<0.5	0.76	160	<0.5	<0.5	<0.5	<0.5	--	<0.5
	02/01/00	<0.5*	42	1.2	<0.5	<0.5	180	<0.5	<0.5	<0.5	<0.5	--	<0.5
MW-6	10/01/95	--	ND	ND	ND	ND	<50	11	33	--	--	--	6.2
	01/01/96	--	ND	ND	ND	ND	<50	12	5.3	--	--	--	7.2
	06/12/96	--	<0.5	<0.5	<0.5	<2	<50	5	7.9	--	--	<0.5	3.6
	09/05/96	<5	0.8	<0.5	<0.5	<2	<50	5.2	7.5	--	--	<0.5	5.4
	12/03/96	<5	<0.5	<0.5	<0.5	<2	<50	0.6	0.5	<0.5	<0.5	<0.5	0.9
	02/27/97	<5	<0.5	<0.5	<0.5	<2	<50	0.5	<0.5	<0.5	<0.5	<500	1.3
	06/10/97	<5	0.9	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	--	1
	08/27/97	<5	<0.5	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.9
	11/26/97	7.6	15	0.9	9.1	<2	320	0.6	0.8	<0.5	<0.5	<500	1.2
	02/11/98	<5	<0.5	<0.5	<0.5	<2	<50	<0.5	0.5	<0.5	<0.5	<500	0.7
	05/19/98	<5	0.6	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	<500	0.6
	08/10/98	<2.5	<0.5	<0.5	<0.5	<0.5	<50	0.59	1.3	<0.5	<0.5	9,000	0.5
	11/09/98	<2.5	<0.5	<0.5	<0.5	<0.5	<50	0.92	1.7	<0.5	<0.5	<500	1.2
	02/08/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	1.2	<0.5	<0.5	<500	0.86
	05/10/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	<5000	<0.5
	08/09/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	<1000	0.52
	11/05/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	0.89	1.2	<0.5	<0.5	--	0.89
	02/01/00	<0.5*	<0.5	<0.5	<0.5	<0.5	<50	0.9	2.2	<0.5	<0.5	<1000	1.2

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

Sears Store 1039
1911 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	MTBE	Benzene	Toulene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TCE	1,2-DCA	cis-1,2 DCE	1,1-DCE	OIL/ GREASE	PCE
MW-7	10/01/95	–	ND	ND	ND	ND	<50	3.5	8.3	–	–	–	5.3
	01/01/96	–	ND	ND	ND	ND	<50	4.8	5.7	–	–	–	9.3
	06/12/96	–	0.6	<0.5	<0.5	<2	<50	3.4	2.9	–	–	–	6.1
	09/05/96	<5	1.2	<0.5	<0.5	<2	<50	4.2	5.9	–	–	–	8.3
	12/03/96	<5	850	<5	<5	30	120	4	75	<3	<3	<0.5	4
	02/27/97	<30	1500	3.0	23	<10	2,500	4	65	<0.5	<0.5	–	2.2
	06/10/97	<50	1700	<5	59	<20	3,200	4.2	85	<0.5	<0.5	–	2.2
	08/27/97	90	1700	8.0	200	40	3,900	5	93	<3	<3	–	<3
	11/26/97	90	3,100	15.0	190	30	5,600	5.9	120	1	<0.5	–	2.9
	02/11/98	90	3,800	25.0	250	80	8,500	8.9	93	1.2	<0.5	–	4
	05/19/98	300	2,100	440.0	150	220	5,000	3.8	74	0.6	<0.5	–	1.5
	08/10/98	<50	690	<10	13	<10	1,600	3.3	100	<2.5	<2.5	–	<2.5
	11/09/98	8.7	295	5.5	4.3	1.5	930	6.5	110	<2.5	<2.5	–	4.2
	02/08/99	<50	670	<10	14	<10	1,500	3.4	74	<1.2	<1.2	–	5.5
	05/10/99	63/<2.0*	1,800	16.0	81	130	2,800	2.6	65	0.63	<0.5	–	0.9
	08/09/99	300/6.5	570	5.1	28	30	1,500	1.2	95	0.57	<0.5	–	<0.5
	11/05/99	150/11*	1,200	<5	61	25	2,100	7.8	95	1.6	<0.5	–	3.7
	02/01/00	6.6*	2,600	16.0	140	210	4,600	6	110	1.7	<0.5	–	3.4
MW-8	11/05/99	<2.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5	–	6.2
	02/01/00	<0.5*	0.6	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5		7.8
MW-9	11/05/99	3/2.4*	<0.5	<0.5	<0.5	<0.5	<50	29	32	<0.5	<0.5	–	65
	02/01/00	3.0*	2.6	<0.5	<0.5	<0.5	<50	22	36	0.7	<0.5	–	60

Notes: Historical data before June 1996 as reported by previous consultants

–	=	No datum for the cell, including "not analyzed for this constituent"
<	=	Compound was not detected above the laboratory reporting limits.
TPH	=	Total petroleum hydrocarbons
ND	=	Non-detectable (Detection limits for each metal are listed in laboratory reports included in Attachment 4.)
PCE	=	Tetrachloroethene
1,2-DCA	=	1,2-Dichloroethane
TCE	=	Trichloroethene
MTBE	=	Methyl tert-Butyl ether
*	=	MTBE analysis using EPA 8260
**	=	Duplicate
cis-1,2-DC	=	CIS-1,2-Dichloroethene
1,1-DCE	=	1,1 Dichloroethene

Attachment 3

Groundwater Monitoring and Sample Collection Protocol and Field Data Sheets

Groundwater Monitoring

Groundwater monitoring is accomplished using a 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 which 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 samples 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, ethyl benzene, xylene, and total petroleum hydrocarbons as gasoline analyses are collected in 40-milliliter vials fitted with Teflon7 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 and are placed in the insulated cooler and accompany the field samples throughout the sampling event.

SITE VISIT FORM
IT Corporation - Concord, California

Project: 1176601.00
Site: SEARS/1039/Oakland, CA
Project Mgr: David Bero

Technician: J Meri-o
Scheduled: 1/31/2000
Site Mgr: Brad Wooland

PREPARATORY COMMENTS

Visit Date: 2-1-02 1-2-00 Arrival Time: 10:30 Departure Time: 15:00

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

Called PM? (Y/N) Time: 11:00 Who: DBERO Topic: D.O meter

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

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

Job # and task #

GROUNDWATER SAMPLING - Task Nr: 03054300 [Quarterly]

SITE ADDRESS: 1911 Telegraph Avenue, Oakland, CA

cc: David Bero
Dennis child General Manager, Teri Leena Operation Manager (510) 267-2000
NOTE: CONTACT SEARS SITE MANAGER AND GET BUSINESS CARD WHILE ON SITE.

NOTIFY: Jennie Pinocci 48 hrs. in advance (510) 444-7662. (She will insure that wells are not covered). 1/31/00 10:30 JP

Notify Juliet Schin 72 hrs. in advance (510) 567-6783. DONE: Left message 1/31/00 10:45 JP

During any sampling activities, a minimum work zone will be defined by 10 ft by 10 ft square centered around the monitor well and marked with 36" -high orange traffic cones with flag poles and flag 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 nine (9) wells in the following order: MW-3, MW-1, MW-6, MW-4, MW-5, MW-2, MW-8, MW-9 and MW-7. USE DISPOSABLE BAILERS. Collect two (2) 40ml HCL-preserved VOA's from all wells.

2. Purge each well of 3 well volumes or until dry. Record pH, temp., conductivity and dissolved oxygen.

3. Collect one trip blank and one duplicate from MW-2 and submit for BTEX- 8020 only. Pick up or have trip blank delivered from lab. Must use lab trip (Zymax).

SITE VISIT FORM
IT Corporation - Concord, California

Project: 1176601.00
Site: SEARS/1039/Oakland, CA
Project Mgr: David Bero

Technician: L. Marino
Scheduled: 1/31/2000
Site Mgr: Brad Wooland

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

4. Make a complete drum count and note the general condition of the site, wells and drums. Keep drum area tidy. Label drums properly (Non Haz).

5. Submit samples to Zymax, ph. # (805) 544-4696, to be analyzed for BTEX/MTBE/TPH-G (EPA Method 8020/8015M) and chlorinated hydrocarbons (EPA method 8260). Wells MW-4and MW-6 additionally analyze for Oil and Grease (C/F). NOTE ON COC: MTBE DETECTIONS IN 8020 NEED CONFIRMATION BY 8260, PLEASE RUN AS NEEDED.

6. COMPLETED ALL THREE PAGES OF WASTE/DRUM INVENTORY FORM?_____. IF NO, EXPLAIN_____.

Hours Estimated		Hours Used	

FINAL CHECKS

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

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

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

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

TECHNICIAN'S COMMENTS

Total Hours Estimated	0.00	Total Hours Used	
Travel Time Estimated	1.00	Travel Time Used	

SITE VISIT FORM
IT Corporation

Project: Sears/1039/Oakland
Store #: 1039, 1911 Telegraph Ave.
Project Manager: David Bero

Technician: ~~Hector~~ Nestor
Schedule: 1-2-00
Job No. 1176601.03054300

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

Well ID				
MW-1:	DTB_24.25	DTW 16.02	SAT. THICK___	#GAL. BAILED_____
MW-2:	DTB_24.10	DTW 16.00	SAT. THICK___	#GAL. BAILED_____
MW-3:	DTB_27.75	DTW 17.95	SAT. THICK___	#GAL. BAILED_____
MW-4:	DTB_23.55	DTW 14.50	SAT. THICK___	#GAL. BAILED_____
MW-5:	DTB_25.10	DTW 14.15	SAT. THICK___	#GAL. BAILED_____
MW-6:	DTB_26.75	DTW 15.40	SAT. THICK___	#GAL. BAILED_____
MW-7:	DTB_26.20	DTW 17.00	SAT. THICK___	#GAL. BAILED_____
MW-8	DTB_	DTW 13.10	SAT. THICK___	#GAL. BAILED_____
MW-9	DTB_25.0	DTW 16.70	SAT. THICK___	#GAL. BAILED_____

NOTES: Hydrollic lift & oil hoses still intact in garage & Canopy, not sure if tanks were ever pulled?

HOURS ESTIMATED: HOURS USED:

FINAL CHECKS

Are Wells Locked? (YES) NO Why Not?

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

SITE VISIT FORM
IT Corporation

Project: Sears/1039/Oakland
Store #: 1039, 1911 Telegraph Ave.
Project Manager: David Bero

Technician:
Schedule:
Job No. 1176601.03054300

TECHNICIAN'S COMMENTS

TOTAL HOURS ESTIMATED:	HOURS USED:
TRAVEL TIME ESTIMATED:	TRAVEL TIME USED:

TECHNICIAN

DRUMMED MATERIAL INVENTORY FORM

Store Number 1039 Address/City/State/ZIP 1911 TELEGRAPH AVE

Sears Facility Contact and Phone # Dennis CHILD (510) 267-2000

IT Corporation Representative Hector Merino

Accumulation Start Date 2-100 Completion Date: 2-1600

Exact Drum Storage Location IN GARAGE

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	2	A,B	O or (B)	H / N (U)	Black/white
GASOLINE IMPACTED PURGE WATER			O or B	H / N / U	
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 1039 City/State 1911 TELEGRAPH AVE

IT Corporation Representative Hector Merino

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

DRUM ID	ACCUMU-LATION START DATE	CONTENTS (as on label) VOLUME (if mixed waste)	SOURCE (be specific)	SLUDGE PRESENT Y/N	VOLUME (gallon)
A	2-1-00	PURGEWATER	Ground Water	NO	50
B	2-1-00	PURGE-Water	Ground Water	NO	45

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 1039 Address/City/State/ZIP 811 TELEGRAPH AVE

Sears Facility Contact and Phone # Dennis Child (510) 267-2000

IT Corporation Representative Hector Marino

Accumulation Start Date 2-1-00 Completion Date 2-1-00

Exact Bulk Storage Location —

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

SOIL PILE CALCULATIONS

Calculation for a tent shaped soil pile:

Length _____ X Width _____ X Height _____ ÷ 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/1039/Oakland
Site Address: 1911 Telegraph Ave., Oakland
Project Number: 1176601.03054300

Date: 1-26-11
Page ____ of ____
Project Manager: David Bero

Well ID: MW-1
Well Diameter: 2

DTW Measurements:
Initial: 16.02
Recharge: ____
DTB: 24.25

Calc Well Volume: 1.3 gal
Well Volume: X 3 11.5 gal

Purge Method
Peristaltic ____
Gear Drive ____
Submersible X

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

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

Time	Temp ~~C~~ F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
11:37	19.1	0.72	6.08		2	cloudy	
11:40	20.1	0.74	5.96		4	"	
11:44	20.0	0.75	5.92		6	DRY @ 6 gallons	

NC D.O readings taken, Meter is in repair shop

Project Name: Sears/1039/Oakland
Site Address: 1911 Telegraph Ave., Oakland
Project Number: 1176601.03054300

Date: [illegible]
Page _____ of _____
Project Manager: David Bero

Well ID: MW-3
Well Diameter: 4

DTW Measurements:
Initial: 17.95
Recharge: _____
DTB: 27.75

Calc Well Volume: 6.3 gal
Well Volume: X3 19.1 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
11:55	21.2	0.80	5.84		6	cloudy	
12:00	21.5	0.83	5.93		12	1	Dry @ 12.94 gallons
					19		

Project Name: Sears/1039/Oakland
Site Address: 1911 Telegraph Ave., Oakland
Project Number: 1176601.03054300

Date: 5-1-11
Page ____ of ____
Project Manager: David Bero

Well ID: MW-6
Well Diameter: 2

DTW Measurements:
Initial: 15.40
Recharge: ____
DTB: 26.75

Calc Well Volume: 1.8 gal
Well Volume: X3 5.5 gal

Purge Method
Peristaltic ____
Gear Drive ____
Submersible X

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

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

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
12:05	21.3	1.57	6.12		1	CLOUDY BROWN	
12:06	21.2	1.84	6.23		2		
12:07	21.1	1.79	6.23		3		
12:08	21.0	1.82	6.24		4		
12:09	21.0	1.88	6.24		5		DRY @ 5 gallons

Project Name: Sears/1039/Oakland
Site Address: 1911 Telegraph Ave., Oakland
Project Number: 1176601.03054300

Date: 1-2-12
Page _____ of _____
Project Manager: David Bero

Well ID: MW-4
Well Diameter: 4

DTW Measurements:
Initial: 14.50
Recharge: _____
DTB: 23.55

Calc Well Volume: 5.9 gal
Well Volume: X3 17.7 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

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

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

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
12:16	21.2	1.29	6.31		5.9	Cloudy	
12:18	21.4	1.88	6.36		11.	Y	Dry @ 11 gallons
					17.7		ODOR

Project Name: Sears/1039/Oakland
Site Address: 1911 Telegraph Ave., Oakland
Project Number: 1176601.03054300

Date: 1-26-12
Page ____ of ____
Project Manager: David Bero

Well ID: MW-5
Well Diameter: 2

DTW Measurements:
Initial: 14.45
Recharge: ____
DTB: 25.16

Calc Well Volume: 1.7 gal
Well Volume: X3 5.13 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
12:26	21.7	1.87	6.45		1	GREY	
12:27	21.2	1.88	6.56		2		
12:28	21.2	1.90	6.57		3		DRY @ 3 Gallons
					4		ODOR
					5		

Project Name: Sears/1039/Oakland
Site Address: 1911 Telegraph Ave., Oakland
Project Number: 1176601.03054300

Date: 2-2-[illegible]
Page ____ of ____
Project Manager: David Bero

Well ID: MW-2
Well Diameter: 4

DTW Measurements:
Initial: 16.55
Recharge: ____
DTB: 24.10

Calc Well Volume: 7.4 gal
Well Volume: x3 22.3 gal

Purge Method
Peristaltic ____
Gear Drive ____
Submersible X

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

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

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
12:38	20.7	1.87	6.21		7	cloudy-GREY	
12:40	21.0	1.87	6.21		15	L	Dry @ 15 gallons
					22+		

Project Name: Sears/1039/Oakland
Site Address: 1911 Telegraph Ave., Oakland
Project Number: 1176601.03054300

Date: 2-1-[illegible]
Page _____ of _____
Project Manager: David Bero

Well ID: MW 9
Well Diameter: 2

DTW Measurements:
Initial: 16.70
Recharge: _____
DTB: 25.00

Calc Well Volume: 1.3 gal
Well Volume: X3 4.0 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

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

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

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
12:52	21.2	1.49	6.33		1	Cloudy BROWN	
12:53	21.3	1.50	6.33		2		
12:54	21.3	1.42	6.32		3		DRY @ 3 gallons
					4		

Project Name: Sears/1039/Oakland
Site Address: 1911 Telegraph Ave., Oakland
Project Number: 1176601.03054300

Date: 2-1-06
Page _____ of _____
Project Manager: David Bero

Well ID: MW-8
Well Diameter: 2

DTW Measurements:
Initial: 15.17
Recharge: _____
DTB: ~~25.00~~

Calc Well Volume: 1.1 gal
Well Volume x 3: 3.3 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible 0

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
13:00	21.3	1.41	6.34	/	1	Cloudy Brown	
13:01	21.1	0.76	6.39	/	2	↓	
13:02	21.0	0.76	6.38	/	3	↓	Dry @ 2 gallons
				/			

Project Name: Sears/1039/Oakland
Site Address: 1911 Telegraph Ave., Oakland
Project Number: 1176601.03054300

Date: [illegible]
Page _____ of _____
Project Manager: David Bero

Well ID: MW-7
Well Diameter: 2

DTW Measurements:
Initial: 17.00
Recharge: _____
DTB: 26.20

Calc Well Volume: 1.4 gal
Well Volume: x3 4.4 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

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

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

Time	Temp ~~C~~ F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
13:04	21.0	0.184	6.48		1	Cloudy Brown	
13:05	21.1	1.42	6.08		2		
13:06	21.1	1.45	6.10		3		
13:07	21.1	1.43	6.11		4		

Ellingson, Juanita

From: Poley, David
Sent: Monday, January 31, 2000 3:06 PM
To: Ellingson, Juanita
Subject: Sears Auto Center No. 1039 - Oakland, CA

Juanita,

Monitoring wells MW-8 and MW-9 should not be sampled for oil and grease during the first quarter 2000. Please call with any further questions you may have.

David Poley
IT Corporation
4005 Port Chicago Highway
Concord, CA 94520
Phone: 925.288.2117
FAX: 925.827.2029

ZymaX

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

CHAIN of CUSTODY

report to	phone	fax
company	project	
address	project #	
	sampler	

ANALYSIS REQUESTED

Turnaround Time

ASAP ☐ 48 hr ☐

12 hr ☐ 72 hr ☐

24 hr ☐ std ☐

ZymaX use only	SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	# of containers	Remarks
	MW-1	2-1-00	12:36	GW	HCl		
	MW 3	2-1-00	13:47	GW	HCl		
	MW 8	2-1-00	12:37	GW	HCl		
	MW-9	2-1-00	13:55	GW	HCl		
	MW-7	2-1-00	14:08	GW	HCl		
	MW-6	2-1-00	14:08	GW	HCl		
	MW 4	2-1-00	14:11	GW	HCl		
	MW 5	2-1-00	14:14	GW	HCl		
	MW-2	2-1-00	14:32	GW	HCl		
	TRIP	2-1-00	14:32	GW	HCl		
	TPLB	2-1-00		DI	- -		

Comments

Relinquished by:
Signature
Print
Company
Date Time

Received by:
Signature
Print
Company
Date Time

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

Bill 3rd Party:

PO# _____
Quote yes no

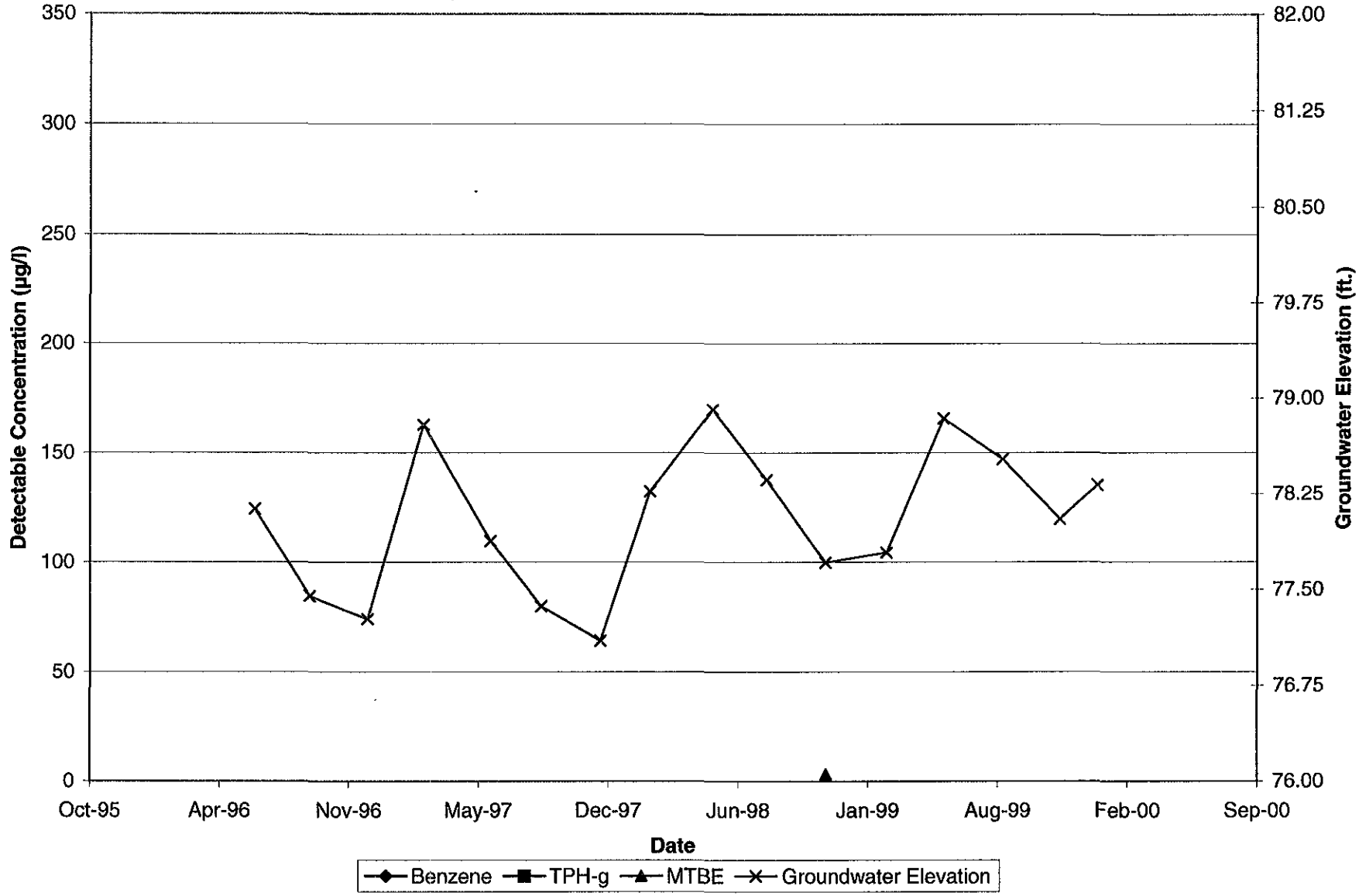
Relinquished by:
Signature
Print
Company
Date Time

Received by ZymaX envirotechnology inc:
Signature
Print
Company
Date Time

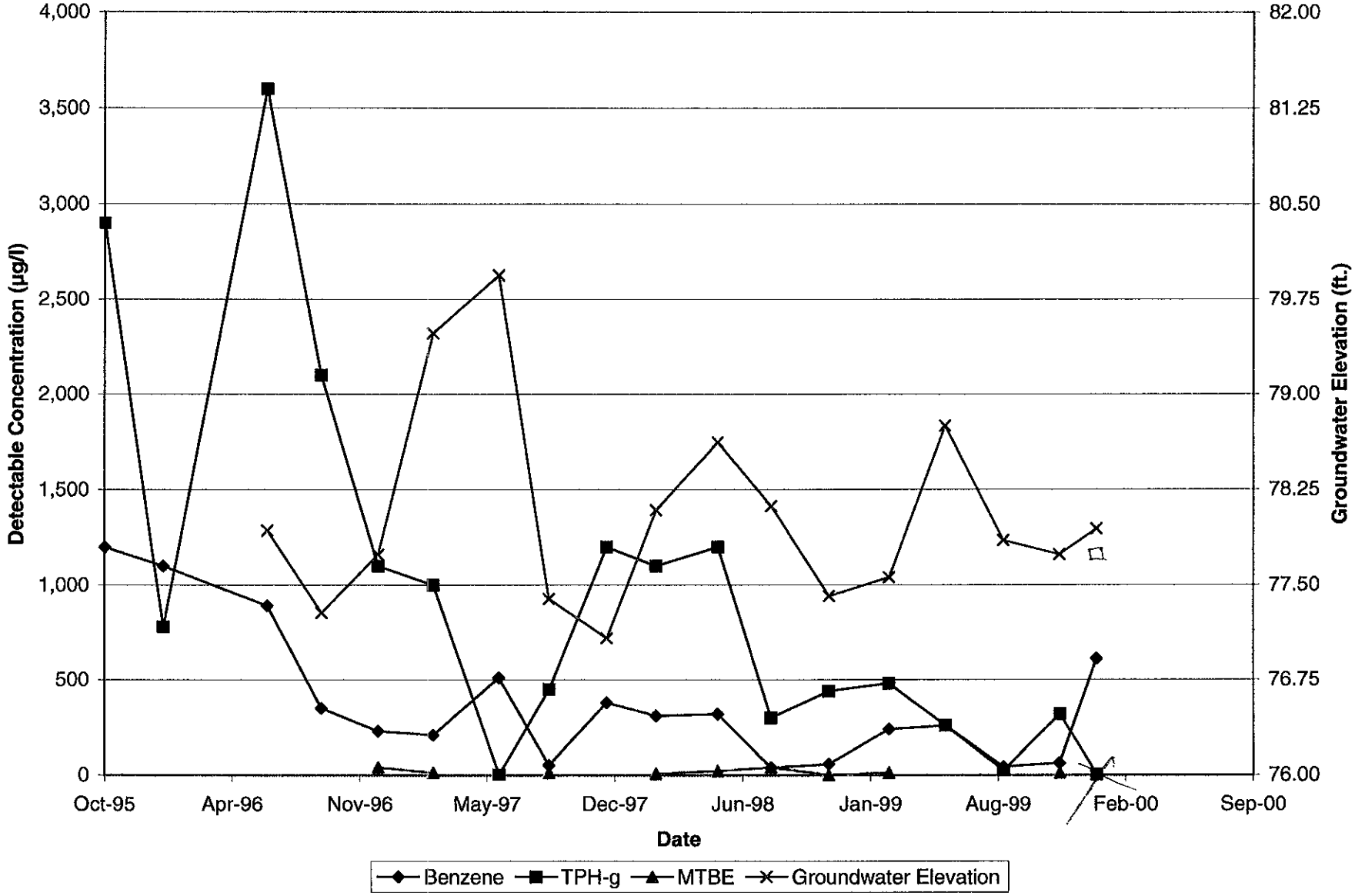
Attachment 4

Graphs

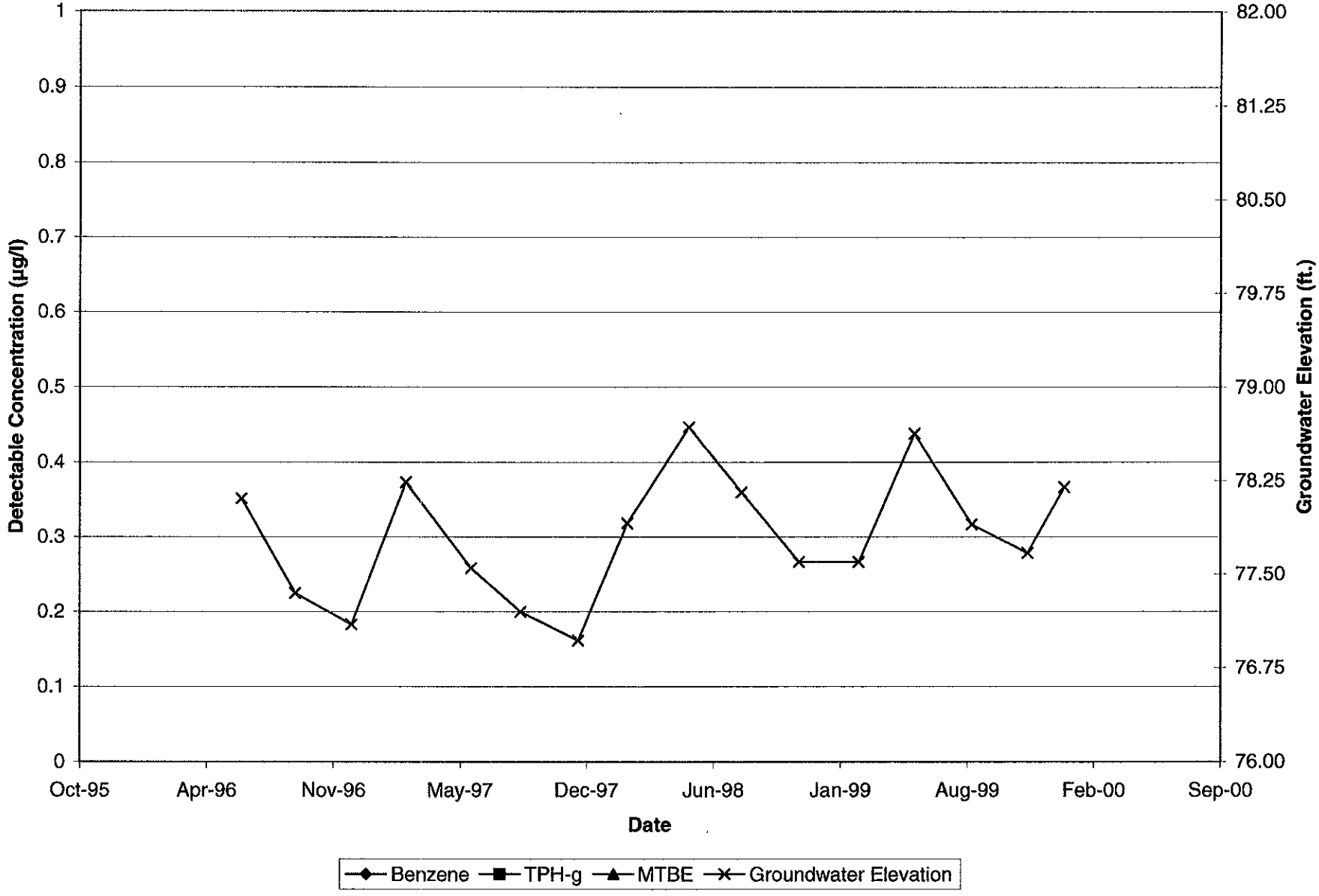
Graph 1, MW-1
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Graph 2, MW-2
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time

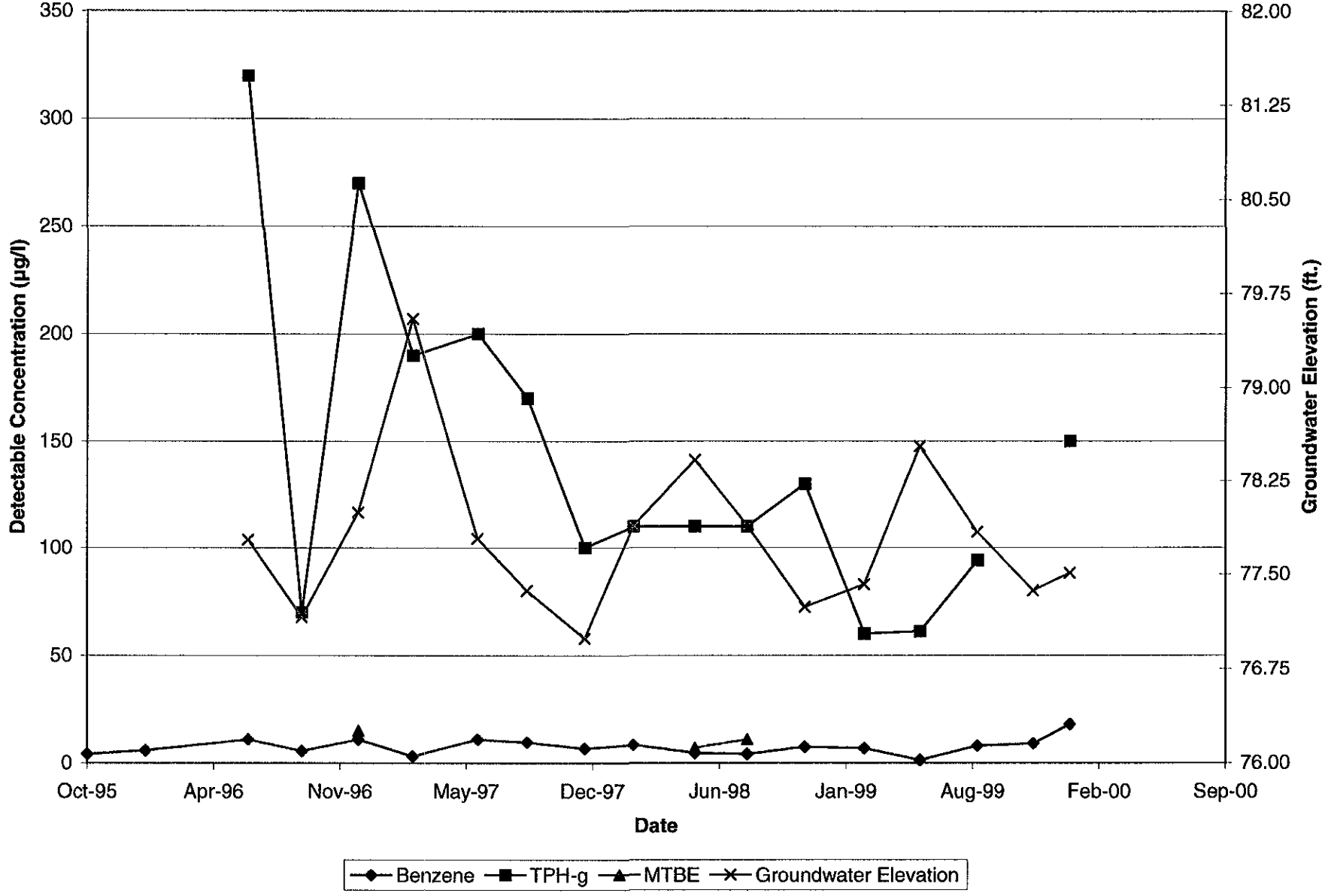


Graph 3, MW-3
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time

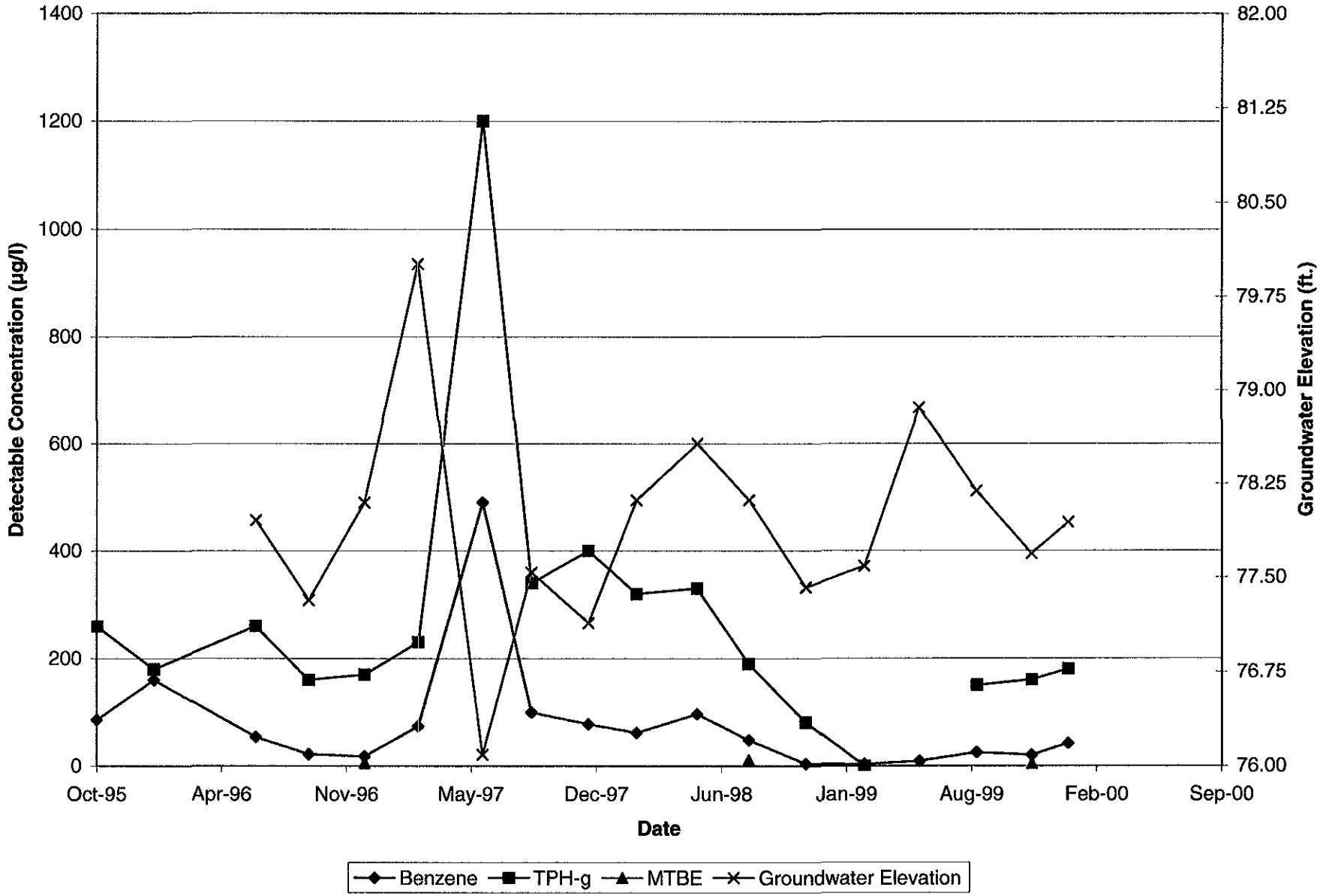


NOTE:
No detectable Benzene, TPH-g, or MTBE

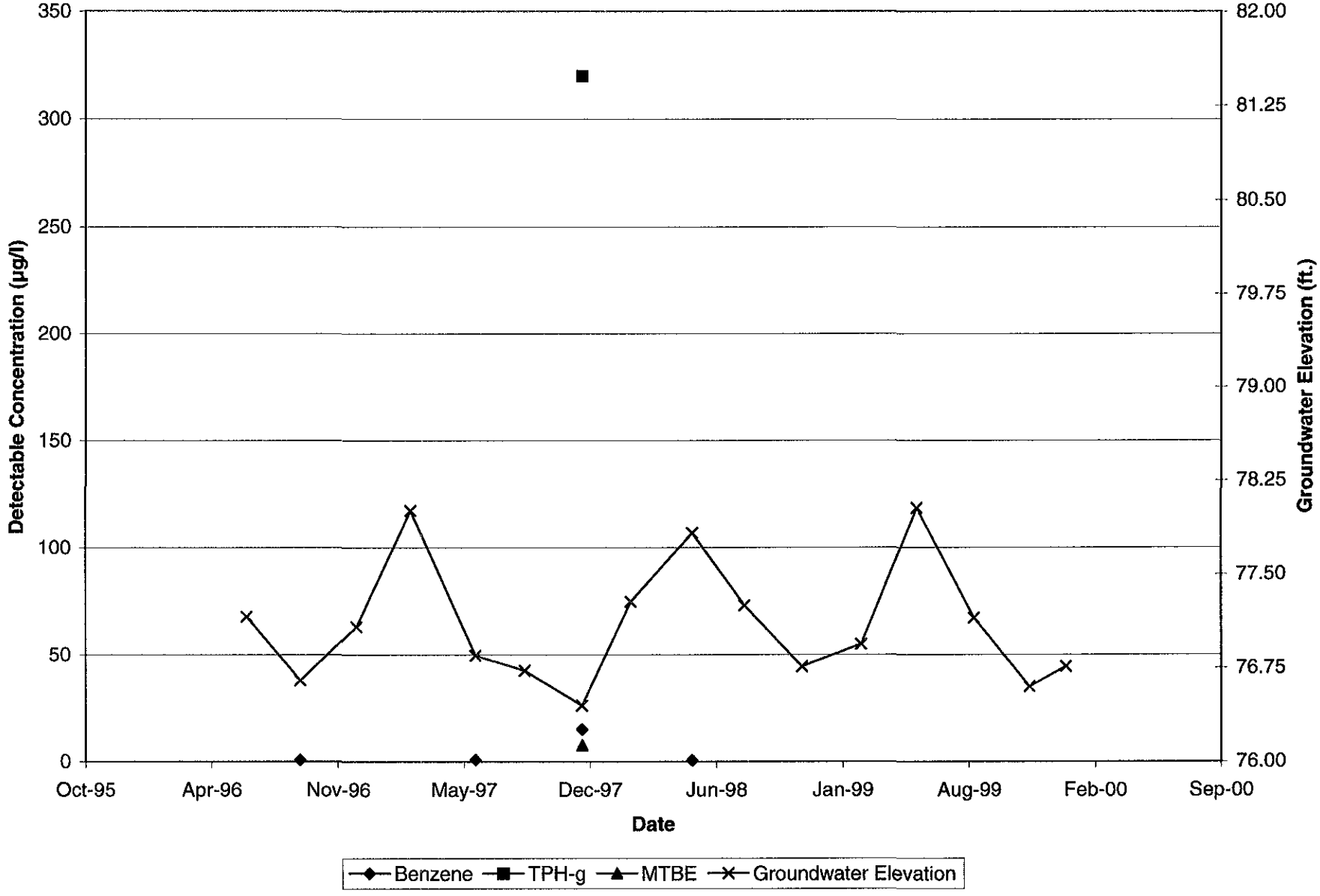
Graph 4, MW-4
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



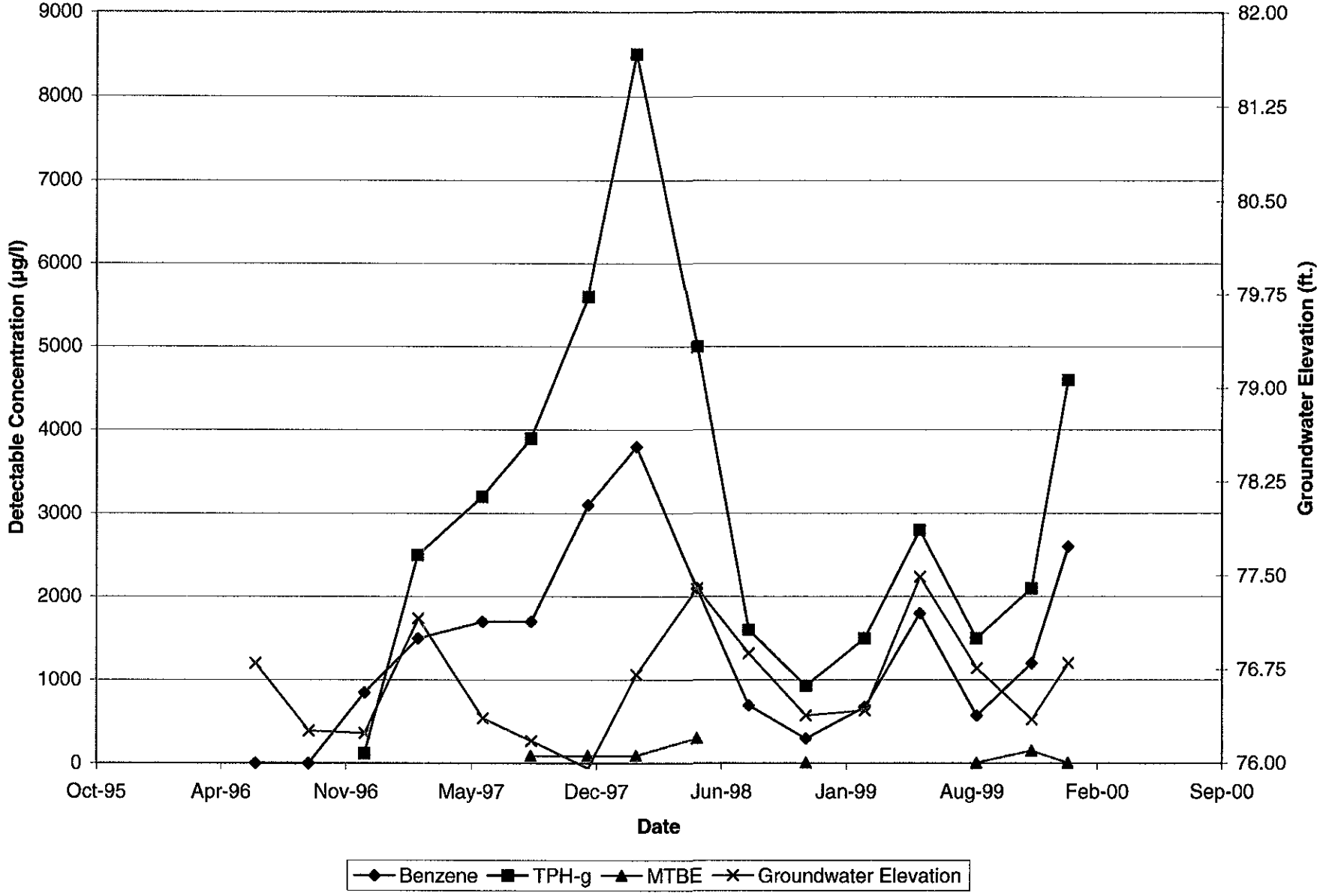
Graph 5, MW-5
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



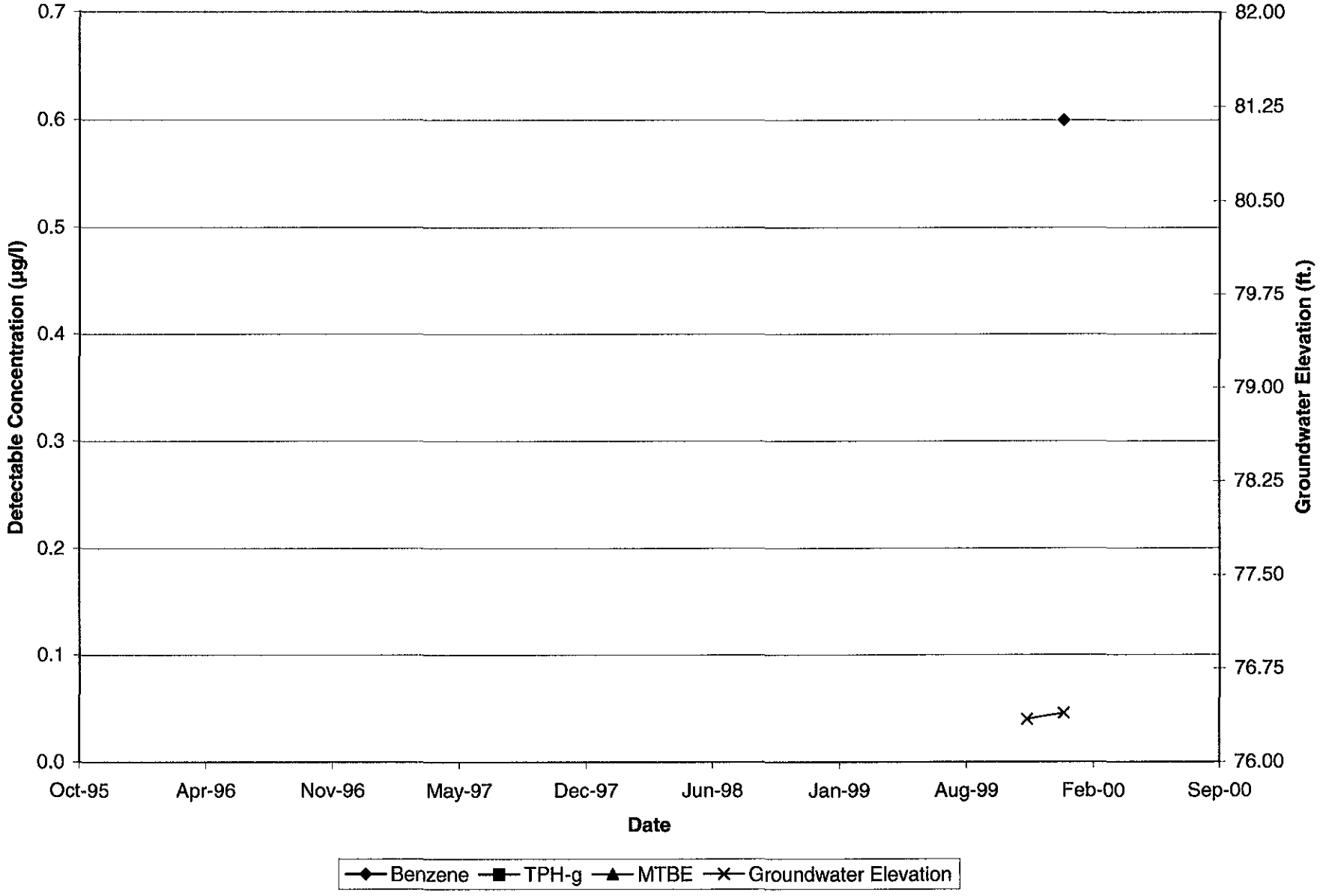
Graph 6, MW-6
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



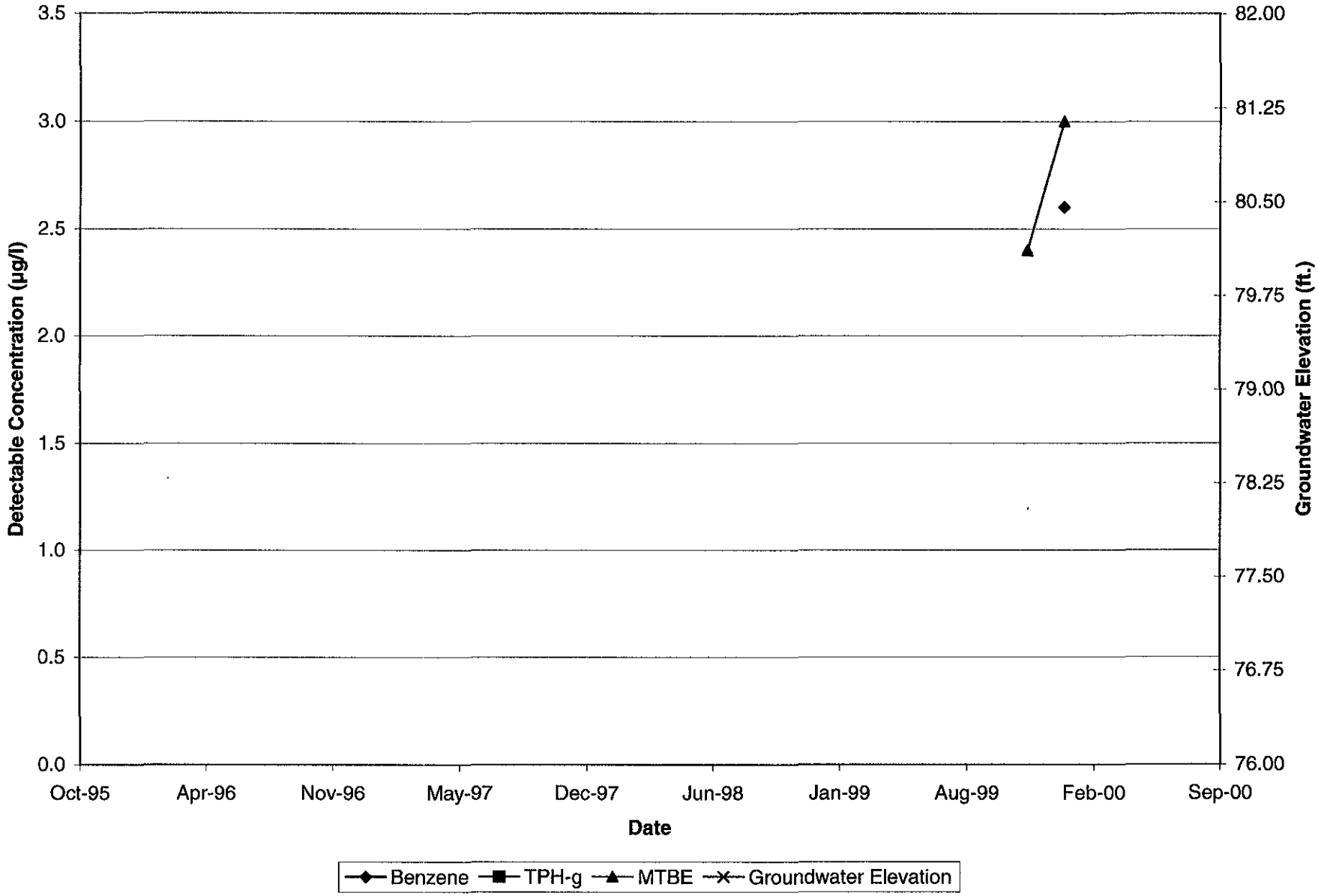
Graph 7, MW-7
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Graph 8, MW-8
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Graph 9, MW-9
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



Attachment 5

Laboratory Reports and Chain-of-Custody Documents

ZymaX

REPORT OF ANALYTICAL RESULTS

Client: David Bero IT Corporation 4005 Port Chicago Hwy. Concord, CA 94520	Lab Number: 19033-1 Collected: 02/01/00 Received: 02/04/00 Matrix: Aqueous
Project: Sears Telegraph #1039 Project Number: 1176601.03054300 Collected by: Hector Merino	Sample Description: MW-1 Analyzed: 02/08/00 Method: EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
PURGEABLE HALOCARBONS		
Bromobenzene	0.5	ND
Bromodichloromethane	0.5	ND
Bromoform	0.5	ND
Bromomethane (Methyl Bromide)	0.5	ND
Carbon Tetrachloride	0.5	ND
Chlorobenzene	0.5	ND
Chloroethane (Ethyl Chloride)	0.5	ND
2-Chloroethylvinyl Ether	1.0	ND
Chloroform	0.5	ND
Chloromethane (Methyl Chloride)	0.5	ND
Dibromochloromethane	0.5	ND
Dibromomethane	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Dichlorodifluoromethane	0.5	ND
1,1-Dichloroethane	0.5	ND
1,2-Dichloroethane (EDC)	0.5	ND
1,1-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
Methylene Chloride	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	24.
1,1,1-Trichloroethane (TCA)	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Trichloroethene (TCE)	0.5	ND
Trichlorofluoromethane (freon 11)	0.5	ND
1,2,3-Trichloropropane	0.5	ND
Vinyl Chloride	0.5	ND
Percent Surrogate Recovery		97

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.

MSD #2
19033-1h.xls
MN/jgt/bp/mb

Michael Ng
Assistant Lab Director

805.544.4696
www.ZymaXusa.com

71 Zaca Lane
San Luis Obispo CA 93401
fax 805.544.8226

ZymaX

REPORT OF ANALYTICAL RESULTS

Client: David Bero IT Corporation 4005 Port Chicago Hwy. Concord, CA 94520	Lab Number: 19033-1 Collected: 02/01/00 Received: 02/04/00 Matrix: Aqueous
Project: Sears Telegraph #1039 Project Number: 1176601.03054300 Collected by: Hector Merino	Sample Description: MW-1 Analyzed: 02/08/00 Method: See Below

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

MSD #2
19033-1.xls
MN/jgt/bp/mb

Michael Ng
Assistant Lab Director

ZymaX

REPORT OF ANALYTICAL RESULTS

Client:	David Bero	Lab Number:	19033-2
	IT Corporation	Collected:	02/01/00
	4005 Port Chicago Hwy.	Received:	02/04/00
	Concord, CA 94520	Matrix:	Aqueous
Project:	Sears Telegraph #1039	Sample Description:	MW-3
Project Number:	1176601.03054300	Analyzed:	02/08/00
Collected by:	Hector Merino	Method:	EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
PURGEABLE HALOCARBONS		
Bromobenzene	0.5	ND
Bromodichloromethane	0.5	ND
Bromoform	0.5	ND
Bromomethane (Methyl Bromide)	0.5	ND
Carbon Tetrachloride	0.5	ND
Chlorobenzene	0.5	ND
Chloroethane (Ethyl Chloride)	0.5	ND
2-Chloroethylvinyl Ether	1.0	ND
Chloroform	0.5	ND
Chloromethane (Methyl Chloride)	0.5	ND
Dibromochloromethane	0.5	ND
Dibromomethane	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Dichlorodifluoromethane	0.5	ND
1,1-Dichloroethane	0.5	ND
1,2-Dichloroethane (EDC)	0.5	ND
1,1-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
Methylene Chloride	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	6.9
1,1,1-Trichloroethane (TCA)	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Trichloroethene (TCE)	0.5	ND
Trichlorofluoromethane (freon 11)	0.5	ND
1,2,3-Trichloropropane	0.5	ND
Vinyl Chloride	0.5	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.**

Submitted by,
ZymaX envirotechnology, inc.

MSD #2
19033-2h.xls
MN/jgt/bp/mb

Michael Ng
Assistant Lab Director

805.544.4696
www.ZymaXuse.com

71 Zaca Lane
San Luis Obispo CA 93401
fax 805 544.8226

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	19033-2
Collected:	02/01/00
Received:	02/04/00
Matrix:	Aqueous

Project:	Sears Telegraph #1039
Project Number:	1176601.03054300
Collected by:	Hector Merino

Sample Description:	MW-3
Analyzed:	02/08/00
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	ND
Percent Surrogate Recovery		98
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

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

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

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #2
19033-2.xls
MN/jgt/bp/mb

ZymaX

REPORT OF ANALYTICAL RESULTS

Client:	David Bero	Lab Number:	19033-3
	IT Corporation	Collected:	02/01/00
	4005 Port Chicago Hwy.	Received:	02/04/00
	Concord, CA 94520	Matrix:	Aqueous
Project:	Sears Telegraph #1039	Sample Description:	MW-8
Project Number:	1176601.03054300	Analyzed:	02/08/00
Collected by:	Hector Merino	Method:	EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
PURGEABLE HALOCARBONS		
Bromobenzene	0.5	ND
Bromodichloromethane	0.5	ND
Bromoform	0.5	ND
Bromomethane (Methyl Bromide)	0.5	ND
Carbon Tetrachloride	0.5	ND
Chlorobenzene	0.5	ND
Chloroethane (Ethyl Chloride)	0.5	ND
2-Chloroethylvinyl Ether	1.0	ND
Chloroform	0.5	ND
Chloromethane (Methyl Chloride)	0.5	ND
Dibromochloromethane	0.5	ND
Dibromomethane	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Dichlorodifluoromethane	0.5	ND
1,1-Dichloroethane	0.5	ND
1,2-Dichloroethane (EDC)	0.5	ND
1,1-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
Methylene Chloride	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	7.8
1,1,1-Trichloroethane (TCA)	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Trichloroethene (TCE)	0.5	ND
Trichlorofluoromethane (freon 11)	0.5	ND
1,2,3-Trichloropropane	0.5	ND
Vinyl Chloride	0.5	ND
Percent Surrogate Recovery		99

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.

MSD #2
19033-3h.xls
MN/jgt/bp/mb

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REPORT OF ANALYTICAL RESULTS

Client:	David Bero	Lab Number:	19033-3
	IT Corporation	Collected:	02/01/00
	4005 Port Chicago Hwy.	Received:	02/04/00
	Concord, CA 94520	Matrix:	Aqueous
Project:	Sears Telegraph #1039	Sample Description:	MW-8
Project Number:	1176601.03054300	Analyzed:	02/08/00
Collected by:	Hector Merino	Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	0.6
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	ND
Percent Surrogate Recovery		99
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.

MSD #2
19033-3.xls
MN/jgt/bp/mb

Michael Ng
Assistant Lab Director

ZymaX

REPORT OF ANALYTICAL RESULTS

Client: David Bero IT Corporation 4005 Port Chicago Hwy. Concord, CA 94520	Lab Number: 19033-4 Collected: 02/01/00 Received: 02/04/00 Matrix: Aqueous
Project: Sears Telegraph #1039 Project Number: 1176601.03054300 Collected by: Hector Merino	Sample Description: MW-9 Analyzed: 02/08/00 Method: EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
PURGEABLE HALOCARBONS		
Bromobenzene	0.5	ND
Bromodichloromethane	0.5	ND
Bromoform	0.5	ND
Bromomethane (Methyl Bromide)	0.5	ND
Carbon Tetrachloride	0.5	ND
Chlorobenzene	0.5	ND
Chloroethane (Ethyl Chloride)	0.5	ND
2-Chloroethylvinyl Ether	1.0	ND
Chloroform	0.5	ND
Chloromethane (Methyl Chloride)	0.5	ND
Dibromochloromethane	0.5	ND
Dibromomethane	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Dichlorodifluoromethane	0.5	ND
1,1-Dichloroethane	0.5	ND
1,2-Dichloroethane (EDC)	0.5	36.
1,1-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	0.7
trans-1,2-Dichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
Methylene Chloride	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	60.
1,1,1-Trichloroethane (TCA)	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Trichloroethene (TCE)	0.5	22.
Trichlorofluoromethane (freon 11)	0.5	ND
1,2,3-Trichloropropane	0.5	ND
Vinyl Chloride	0.5	ND
Percent Surrogate Recovery		100

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

***PQL - Practical Quantitation Limit**

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

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #2
19033-4h.xls
MN/jgt/bp/mb

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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	19033-4
Collected:	02/01/00
Received:	02/04/00
Matrix:	Aqueous

Project:	Sears Telegraph #1039
Project Number:	1176601.03054300
Collected by:	Hector Merino

Sample Description:	MW-9
Analyzed:	02/08/00
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	2.6
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	3.0
Percent Surrogate Recovery		100
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	ND
BTX as a Percent of Fuel		N/A

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

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

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Director

MSD #2
19033-4.xls
MN/jgt/bp/mb

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REPORT OF ANALYTICAL RESULTS

Client: David Bero IT Corporation 4005 Port Chicago Hwy. Concord, CA 94520	Lab Number: 19033-5 Collected: 02/01/00 Received: 02/04/00 Matrix: Aqueous
Project: Sears Telegraph #1039 Project Number: 1176601.03054300 Collected by: Hector Merino	Sample Description: MW-7 Analyzed: 02/08/00 Method: EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
PURGEABLE HALOCARBONS		
Bromobenzene	0.5	ND
Bromodichloromethane	0.5	ND
Bromoform	0.5	ND
Bromomethane (Methyl Bromide)	0.5	ND
Carbon Tetrachloride	0.5	ND
Chlorobenzene	0.5	ND
Chloroethane (Ethyl Chloride)	0.5	1.2
2-Chloroethylvinyl Ether	1.0	ND
Chloroform	0.5	ND
Chloromethane (Methyl Chloride)	0.5	ND
Dibromochloromethane	0.5	ND
Dibromomethane	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Dichlorodifluoromethane	0.5	ND
1,1-Dichloroethane	0.5	ND
1,2-Dichloroethane (EDC)	0.5	110.
1,1-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	1.7
trans-1,2-Dichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
Methylene Chloride	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	3.4
1,1,1-Trichloroethane (TCA)	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Trichloroethene (TCE)	0.5	6.0
Trichlorofluoromethane (freon 11)	0.5	ND
1,2,3-Trichloropropane	0.5	ND
Vinyl Chloride	0.5	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.**

Submitted by,
ZymaX envirotechnology, inc.

MSD #2
19033-5h.xls
MN/jgt/bp/mb

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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	19033-5
Collected:	02/01/00
Received:	02/04/00
Matrix:	Aqueous

Project:	Sears Telegraph #1039
Project Number:	1176601.03054300
Collected by:	Hector Merino

Sample Description:	MW-7
Analyzed:	02/08/00
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	2600.
Toluene	0.5	16.
Ethylbenzene	0.5	140.
Xylenes	0.5	210.
Methyl-t-Butyl Ether (MTBE)	0.5	6.6
Percent Surrogate Recovery		98
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	4600.
BTX as a Percent of Fuel		101

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

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.

MSD #2
19033-5.xls
MN/jgt/bp/mb

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ZymaX

REPORT OF ANALYTICAL RESULTS

Client:	David Bero	Lab Number:	19033-6
	IT Corporation	Collected:	02/01/00
	4005 Port Chicago Hwy.	Received:	02/04/00
	Concord, CA 94520	Matrix:	Aqueous
Project:	Sears Telegraph #1039	Sample Description:	MW-6
Project Number:	1176601.03054300	Analyzed:	02/08/00
Collected by:	Hector Merino	Method:	EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
PURGEABLE HALOCARBONS		
Bromobenzene	0.5	ND
Bromodichloromethane	0.5	ND
Bromoform	0.5	ND
Bromomethane (Methyl Bromide)	0.5	ND
Carbon Tetrachloride	0.5	ND
Chlorobenzene	0.5	ND
Chloroethane (Ethyl Chloride)	0.5	ND
2-Chloroethylvinyl Ether	1.0	ND
Chloroform	0.5	ND
Chloromethane (Methyl Chloride)	0.5	ND
Dibromochloromethane	0.5	ND
Dibromomethane	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Dichlorodifluoromethane	0.5	ND
1,1-Dichloroethane	0.5	ND
1,2-Dichloroethane (EDC)	0.5	2.2
1,1-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
Methylene Chloride	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	1.2
1,1,1-Trichloroethane (TCA)	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Trichloroethene (TCE)	0.5	0.9
Trichlorofluoromethane (freon 11)	0.5	ND
1,2,3-Trichloropropane	0.5	ND
Vinyl Chloride	0.5	ND
Percent Surrogate Recovery		99

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.

MSD #2
19033-6h.xls
MN/jgt/bp/mb

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ZymaX

REPORT OF ANALYTICAL RESULTS

Client: David Bero IT Corporation 4005 Port Chicago Hwy. Concord, CA 94520	Lab Number: 19033-6 Collected: 02/01/00 Received: 02/04/00 Matrix: Aqueous
Project: Sears Telegraph #1039 Project Number: 1176601.03054300 Collected by: Hector Merino	Sample Description: MW-6 Analyzed: 02/08/00 Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	ND
Percent Surrogate Recovery		99
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
19033-6.xls
MN/jgt/bp/mb

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	19033-6
Collected:	02/01/00
Received:	02/04/00
Matrix:	Aqueous

Project:	Sears Telegraph #1039
Project Number:	1176601.03054300
Collected by:	Hector Merino

Sample Description:	MW-6
Analyzed:	02/11/00
Method:	EPA 413.2

OIL & GREASE

CONSTITUENT	PQL* mg/L	RESULT** mg/L
Oil & Grease	1.0	ND

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

*PQL - Practical Quantitation Limit

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

Submitted by,
ZymaX envirotechnology, inc.

Michael Ng
Assistant Lab Direcot

19033-6r.xls
MN/jgt/dz/ll

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ZymaX

REPORT OF ANALYTICAL RESULTS

Client:	David Bero	Lab Number:	19033-7
	IT Corporation	Collected:	02/01/00
	4005 Port Chicago Hwy.	Received:	02/04/00
	Concord, CA 94520	Matrix:	Aqueous
Project:	Sears Telegraph #1039	Sample Description:	MW-4
Project Number:	1176601.03054300	Analyzed:	02/08/00
Collected by:	Hector Merino	Method:	EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
PURGEABLE HALOCARBONS		
Bromobenzene	0.5	ND
Bromodichloromethane	0.5	ND
Bromoform	0.5	ND
Bromomethane (Methyl Bromide)	0.5	ND
Carbon Tetrachloride	0.5	ND
Chlorobenzene	0.5	ND
Chloroethane (Ethyl Chloride)	0.5	ND
2-Chloroethylvinyl Ether	1.0	ND
Chloroform	0.5	ND
Chloromethane (Methyl Chloride)	0.5	ND
Dibromochloromethane	0.5	ND
Dibromomethane	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Dichlorodifluoromethane	0.5	ND
1,1-Dichloroethane	0.5	ND
1,2-Dichloroethane (EDC)	0.5	ND
1,1-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
Methylene Chloride	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	ND
1,1,1-Trichloroethane (TCA)	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Trichloroethene (TCE)	0.5	ND
Trichlorofluoromethane (freon 11)	0.5	ND
1,2,3-Trichloropropane	0.5	ND
Vinyl Chloride	0.5	ND
Percent Surrogate Recovery		99

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.

MSD #2
19033-7h.xls
MN/jgt/bp/mb

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ZymaX

REPORT OF ANALYTICAL RESULTS

Client: David Bero IT Corporation 4005 Port Chicago Hwy. Concord, CA 94520	Lab Number: 19033-7 Collected: 02/01/00 Received: 02/04/00 Matrix: Aqueous
Project: Sears Telegraph #1039 Project Number: 1176601.03054300 Collected by: Hector Merino	Sample Description: MW-4 Analyzed: 02/08/00 Method: See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	18.
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	ND
Percent Surrogate Recovery		99
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	150.
BTX as a Percent of Fuel		12

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.

MSD #2
19033-7.xls
MN/jgt/bp/mb

Michael Ng
Assistant Lab Director

ZymaX

REPORT OF ANALYTICAL RESULTS

Client: David Bero IT Corporation 4005 Port Chicago Hwy. Concord, CA 94520	Lab Number: 19033-7 Collected: 02/01/00 Received: 02/04/00 Matrix: Aqueous
Project: Sears Telegraph #1039 Project Number: 1176601.03054300 Collected by: Hector Merino	Sample Description: MW-4 Analyzed: 02/11/00 Method: EPA 413.2

OIL & GREASE

CONSTITUENT	PQL* mg/L	RESULT** mg/L
Oil & Grease	1.0	8.0

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.

19033-7r.xls
MN/jgt/dz/ll

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ZymaX

REPORT OF ANALYTICAL RESULTS

Client: David Bero IT Corporation 4005 Port Chicago Hwy. Concord, CA 94520	Lab Number: 19033-8 Collected: 02/01/00 Received: 02/04/00 Matrix: Aqueous
Project: Sears Telegraph #1039 Project Number: 1176601.03054300 Collected by: Hector Merino	Sample Description: MW-5 Analyzed: 02/08/00 Method: EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
PURGEABLE HALOCARBONS		
Bromobenzene	0.5	ND
Bromodichloromethane	0.5	ND
Bromoform	0.5	ND
Bromomethane (Methyl Bromide)	0.5	ND
Carbon Tetrachloride	0.5	ND
Chlorobenzene	0.5	ND
Chloroethane (Ethyl Chloride)	0.5	ND
2-Chloroethylvinyl Ether	1.0	ND
Chloroform	0.5	ND
Chloromethane (Methyl Chloride)	0.5	ND
Dibromochloromethane	0.5	ND
Dibromomethane	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Dichlorodifluoromethane	0.5	ND
1,1-Dichloroethane	0.5	ND
1,2-Dichloroethane (EDC)	0.5	ND
1,1-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
Methylene Chloride	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	ND
1,1,1-Trichloroethane (TCA)	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Trichloroethene (TCE)	0.5	ND
Trichlorofluoromethane (freon 11)	0.5	ND
1,2,3-Trichloropropane	0.5	ND
Vinyl Chloride	0.5	ND
Percent Surrogate Recovery		99

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.

MSD #2
19033-8h.xls
MN/jgt/bp/st

Michael Ng
Assistant Lab Director

805.544.4696
www.ZymaXusa.com

71 Zaca Lane
San Luis Obispo CA 93401
fax 805.544.8226

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	19033-8
Collected:	02/01/00
Received:	02/04/00
Matrix:	Aqueous

Project:	Sears Telegraph #1039
Project Number:	1176601.03054300
Collected by:	Hector Merino

Sample Description:	MW-5
Analyzed:	02/08/00
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	42.
Toluene	0.5	1.2
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Methyl-t-Butyl Ether (MTBE)	0.5	ND
Percent Surrogate Recovery		99
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	180.
BTX as a Percent of Fuel		24

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
19033-8.xls
MN/jgt/bp/st

ZymaX

REPORT OF ANALYTICAL RESULTS

Client: David Bero IT Corporation 4005 Port Chicago Hwy. Concord, CA 94520	Lab Number: 19033-9 Collected: 02/01/00 Received: 02/04/00 Matrix: Aqueous
Project: Sears Telegraph #1039 Project Number: 1176601.03054300 Collected by: Hector Merino	Sample Description: MW-2 Analyzed: 02/08/00 Method: EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
PURGEABLE HALOCARBONS		
Bromobenzene	0.5	ND
Bromodichloromethane	0.5	ND
Bromoform	0.5	ND
Bromomethane (Methyl Bromide)	0.5	ND
Carbon Tetrachloride	0.5	ND
Chlorobenzene	0.5	ND
Chloroethane (Ethyl Chloride)	0.5	1.9
2-Chloroethylvinyl Ether	1.0	ND
Chloroform	0.5	ND
Chloromethane (Methyl Chloride)	0.5	ND
Dibromochloromethane	0.5	ND
Dibromomethane	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Dichlorodifluoromethane	0.5	ND
1,1-Dichloroethane	0.5	ND
1,2-Dichloroethane (EDC)	0.5	73.
1,1-Dichloroethene	0.5	ND
cis-1,2-Dichloroethene	0.5	2.0
trans-1,2-Dichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
Methylene Chloride	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
Tetrachloroethene (PCE)	0.5	ND
1,1,1-Trichloroethane (TCA)	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Trichloroethene (TCE)	0.5	15.
Trichlorofluoromethane (freon 11)	0.5	ND
1,2,3-Trichloropropane	0.5	ND
Vinyl Chloride	0.5	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.**

Submitted by,
ZymaX envirotechnology, inc.

MSD #2
19033-9h.xls
MN/jgt/bp/st

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Assistant Lab Director

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ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	19033-9
Collected:	02/01/00
Received:	02/04/00
Matrix:	Aqueous

Project:	Sears Telegraph #1039
Project Number:	1176601.03054300
Collected by:	Hector Merino

Sample Description:	MW-2
Analyzed:	02/08/00
Method:	See Below

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	610.
Toluene	0.5	4.4
Ethylbenzene	0.5	63.
Xylenes	0.5	5.9
Methyl-t-Butyl Ether (MTBE)	0.5	ND
Percent Surrogate Recovery		98
TOTAL PETROLEUM HYDROCARBONS		
Total Petroleum Hydrocarbons	50.	1200.
BTX as a Percent of Fuel		52

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.

MSD #2
19033-9.xls
MN/jgt/bp

Michael Ng
Assistant Lab Director

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	19033-10
Collected:	02/01/00
Received:	02/04/00
Matrix:	Aqueous

Project:	Sears Telegraph #1039
Project Number:	1176601.03054300
Collected by:	Hector Merino

Sample Description:	DUP
Analyzed:	02/09/00
Method:	EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	5.0	590.
Toluene	5.0	6.3
Ethylbenzene	5.0	65.
Xylenes	5.0	7.1
Percent Surrogate Recovery		100

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

*PQL - Practical Quantitation Limit

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

Submitted by,
ZymaX envirotechnology, inc.

MSD #7
19033-10.xls
MN/jgt/bp/st

Michael Ng
Assistant Lab Director

ZymaX

REPORT OF ANALYTICAL RESULTS

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

Lab Number:	19033-11
Collected:	02/01/00
Received:	02/04/00
Matrix:	Aqueous

Project:	Sears Telegraph #1039
Project Number:	1176601.03054300
Collected by:	Hector Merino

Sample Description:	TBLB
Analyzed:	02/09/00
Method:	EPA 8260

CONSTITUENT	PQL* ug/L	RESULT** ug/L
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Xylenes	0.5	ND
Percent Surrogate Recovery		99

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.

MSD #7
19033-11.xls
MN/jgt/bp/st

Michael Ng
Assistant Lab Director

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

CHAIN of CUSTODY

report to: David Ptero
company: IT Corp, 4105 Port Chicago Hwy
address: Concord Ca. 94523
phone: (925) 288-9898
fax: (925) 288-0888
project: Sears telegraph #1039
project #: 1176601.03054300
sampler: Hector Merino

ZymaX use only	SAMPLE DESCRIPTION	Date Sampled	Time	Matrix	Preserve	chlorinated hydrocarbons	BTEX MTBE TPHG	diesel	BTEX 8020							# of containers	Remarks
19033-1	MW-1	2-1-00	13:36	GW	HCl	X	X										
-2	MW-3	2-1-00	13:42	GW	HCl	X	X										
-3	MW-8	2-1-00	13:50	GW	HCl	X	X										
-4	MW-9	2-1-00	13:55	GW	HCl	X	X										
-5	MW-7	2-1-00	14:00	GW	HCl	X	X										
-6	MW-6	2-1-00	14:08	GW	HCl	X	X	X									
-7	MW 4	2-1-00	14:16	GW	HCl	X	X	X									
-8	MW-5	2-1-00	14:24	GW	HCl	X	X										
-9	MW-2	2-1-00	14:32	GW	HCl	X	X										
-10	DUP	2-1-00	14:33	GW	HCl				X								
-11	TBLB	2-1-00		DI	---				X								

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

Comments

Relinquished by:
Signature: [signature]
Print: Hector Merino
Company: IT Corp
Date: 2-1-00 Time:

Received by:
Signature: [signature]
Print: [illegible]
Company: [illegible]
Date: 2/1/2000 Time:

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

Page of