IT Corporation
757 Arnold Drive, Suite D
Martinez, CA 94553-6526
Tel. 925.370.3990
Fax. 925.370.3991

A Member of The IT Group

Transmittal Letter

Date: October 6, 1999

To: Juliet Schin

Company: Alameda County HCS

Address: 1131 Harbor Bay Parkway, Ste 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:

Dear Ms. Schinn,

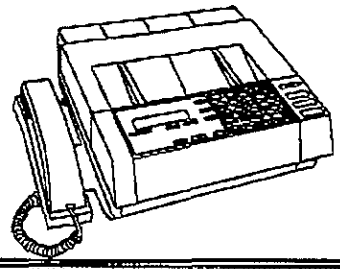
Enclosed is the Third Quarter 1999, Groundwater Monitoring and Sampling Report for the Sears, Roebuck and Co. Store No. 1039 located at 1901-1911 Telegraph Avenue, in Oakland, California. If you have any questions, please call me at (925) 288-9898.

Sincerely,
IT Corporation

Melissa Gossell
West Zone Project Manager

c: Mr. Scott DeMuth, Sears, Roebuck and Co.
Mr. Russ Zora, IT Corporation, Central Files, Lenexa, KS
Project Files

IT CORPORATION
A Member of The IT Group



FACSIMILE COVER SHEET

FAX TRANSMITTAL

DATE: **October 25, 1999**

TO: **Juliet Schin - Alameda County Environmental Health Services Department**

FAX #: **(510) 337-9335**

FROM: **Melissa Gossell, Concord, CA**

NO OF PAGES (including cover pages): 5

If you do not receive any of the pages, please call the Concord Office at (925) 288-2126
To fax a reply please send to (925) 288-0888.

MESSAGE

Dear Ms. Schin:

Attached are the pages of the laboratory report that were inadvertantly left out of all the copies of the Third Quarter 1999, Groundwater Monitoring and Sampling Report, dated September 30, 1999, for the Sears Store No. 1039, 1901-1911 Telegraph Avenue, Oakland, CA. I apologize for the inconvenience, and contribute this error to the fact that we were in the middle of packing up our office to move to our new office, and trying to get all the quarterly reports out before the moving date (October 8, 1999). We will be sending out copies of these missing pages to all the people who receive copies of this report, and appreciate you bringing this error to our attention. Please call me with any questions. Thank you.

Regards,
Melissa Gossell
Sears West Zone Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

IT Corporation
757 Arnold Dr., Suite D
Martinez CA, 94553

Project: Sears
Project Number: Sears # 1039
Project Manager: Melisa Gossel

Reported:
24-Aug-99 16:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	W908193-07	Water	09-Aug-99 16:10	10-Aug-99 14:02
MW-1	W908193-01	Water	09-Aug-99 14:58	10-Aug-99 14:02
MW-6	W908193-04	Water	09-Aug-99 15:27	10-Aug-99 14:02
MW-7	W908193-03	Water	09-Aug-99 15:15	10-Aug-99 14:02
MW-4	W908193-05	Water	09-Aug-99 15:40	10-Aug-99 14:02
MW-5	W908193-06	Water	09-Aug-99 16:00	10-Aug-99 14:02
MW-3	W908193-02	Water	09-Aug-99 15:05	10-Aug-99 14:02

Sequoia Analytical - Walnut Creek

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dimple Sharma, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

IT Corporation
757 Arnold Dr., Suite D
Martinez CA, 94553

Project: Sears
Project Number: Sears # 1039
Project Manager: Melisa Gossel

Reported:
24-Aug-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (W908193-01) Water Sampled: 09-Aug-99 14:58 Received: 10-Aug-99 14:02									
Bromodichloromethane	ND	0.50	ug/l	1	9H16010	17-Aug-99	17-Aug-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	8.5	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	14	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*88.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

IT Corporation
757 Arnold Dr., Suite D
Martinez CA, 94553

Project: Sears
Project Number: Sears # 1039
Project Manager: Melisa Gossel

Reported:
24-Aug-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (W908193-02) Water Sampled: 09-Aug-99 15:05 Received: 10-Aug-99 14:02									
Bromodichloromethane	ND	0.50	ug/l	1	9H16010	17-Aug-99	17-Aug-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	12	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	4.8	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*90.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*130 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

IT Corporation 757 Arnold Dr., Suite D Martinez CA, 94553	Project: Sears Project Number: Sears # 1039 Project Manager: Melisa Gossel	Reported: 24-Aug-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (W908193-03) Water Sampled: 09-Aug-99 15:15 Received: 10-Aug-99 14:02									
Bromodichloromethane	ND	0.50	ug/l	1	9H16010	17-Aug-99	17-Aug-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	95	2.5	"	5	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	1	"	"	"	"	
cis-1,2-Dichloroethene	0.57	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	7.0	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	1.2	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*66.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

IT Corporation
757 Arnold Drive, Suite D
Martinez, CA 94553-6526
Tel. 925.370.3990
Fax. 925.370.3991

A Member of The IT Group

September 30, 1999

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: Third Quarter 1999, 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 on August 9, 1999, from the subject site. The seven 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 the monitoring wells. A potentiometric surface map is provided in attachment 1, figure 1. A summary of monitoring data is provided in attachment 2, table 1.

After measuring depth to water, all monitoring wells were purged and sampled. Groundwater monitoring and sample collection protocol, and field data sheets are provided in attachment 3. The groundwater samples were analyzed for dissolved benzene, toluene, ethylbenzene and total xylenes (BTEX) and methyl tert-butyl ether (MTBE) using EPA Method 8020; total petroleum hydrocarbons as gasoline (TPH-g) using EPA Method 8015 modified; and halogenated hydrocarbons using EPA Method 8010. Additionally, samples from wells MW-4 and MW-6 were analyzed for total oil and grease by EPA Method 418.1.

Static groundwater levels for the third quarter 1999 ranged from 76.76 to 78.52 feet above mean sea level (an average of 15.62 feet below top of casing). Groundwater elevations have decreased by an average of 0.7 foot since second quarter 1999 (May 10, 1999). The apparent groundwater flow is to the southeast at an average hydraulic gradient of 0.01 ft/ft, and is consistent with previous quarterly data.

Results of quarterly sampling indicated detectable concentrations of BTEX and TPH-g in monitoring wells MW-2, MW-4, MW-5, and MW-7. MTBE was detected in samples from MW-2, MW-4, MW-5, and MW-7 when analyzed using EPA Method 8020; however, MTBE was not detected in the

samples from MW-2, MW-4 and MW-5 following confirmation analysis using EPA Method 8260. MTBE was detected in the sample from well MW-7, at a concentration of 6.5 micrograms per liter, when analyzed using EPA Method 8260. Monitoring wells MW-1, MW-2, MW-3, MW-5, MW-6, and MW-7 contained detectable concentrations of some of the halogenated volatile organics: 1,2-dichloroethane, cis-1,2-dichloroethene, tetrachloroethene, trichloroethene, and methylene chloride. 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). 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 hydrocarbons and halogenated volatile organics have declined since monitoring began in 1995. Concentrations of petroleum hydrocarbons in monitoring well MW-7 (the most downgradient well from the former Chevron facility) peaked in 1997 and 1998, but have been generally declining since then. Concentrations of 1,2-dichloroethane in well MW-7 have persisted between 65 and 120 micrograms per liter since December 1996. IT Corporation is currently preparing a work plan for the installation of two additional groundwater monitoring wells downgradient of MW-7. This work is tentatively scheduled for fall 1999.

If you have comments or questions, please contact me at (925) 370-3990 extension 266.

Sincerely,
IT CORPORATION
Submitted by:

Melissa Gossell
West Zone Project Manager

IT CORPORATION
Approved by:

Ed K. Simonis, R.G.
Senior Geologist

EDWARD K. SIMONIS
No. 4422
STATE OF CALIFORNIA

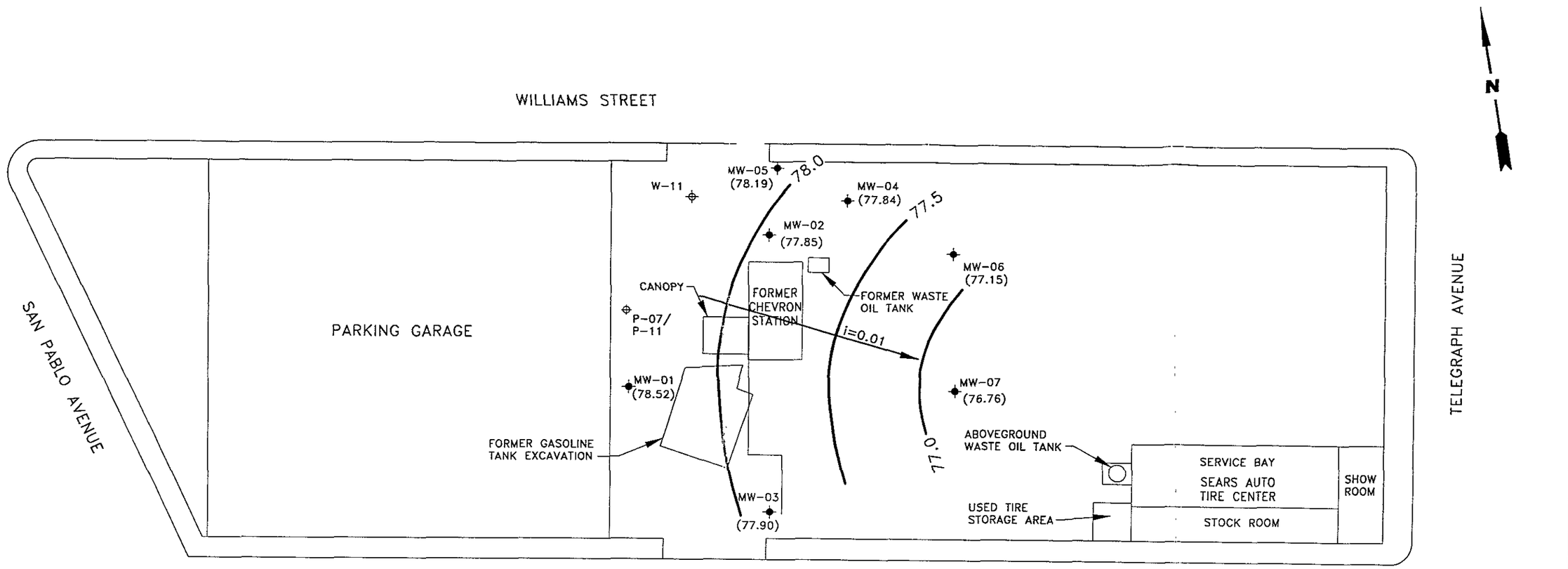
Attachments:

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

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

Attachment 1

Figures



LEGEND

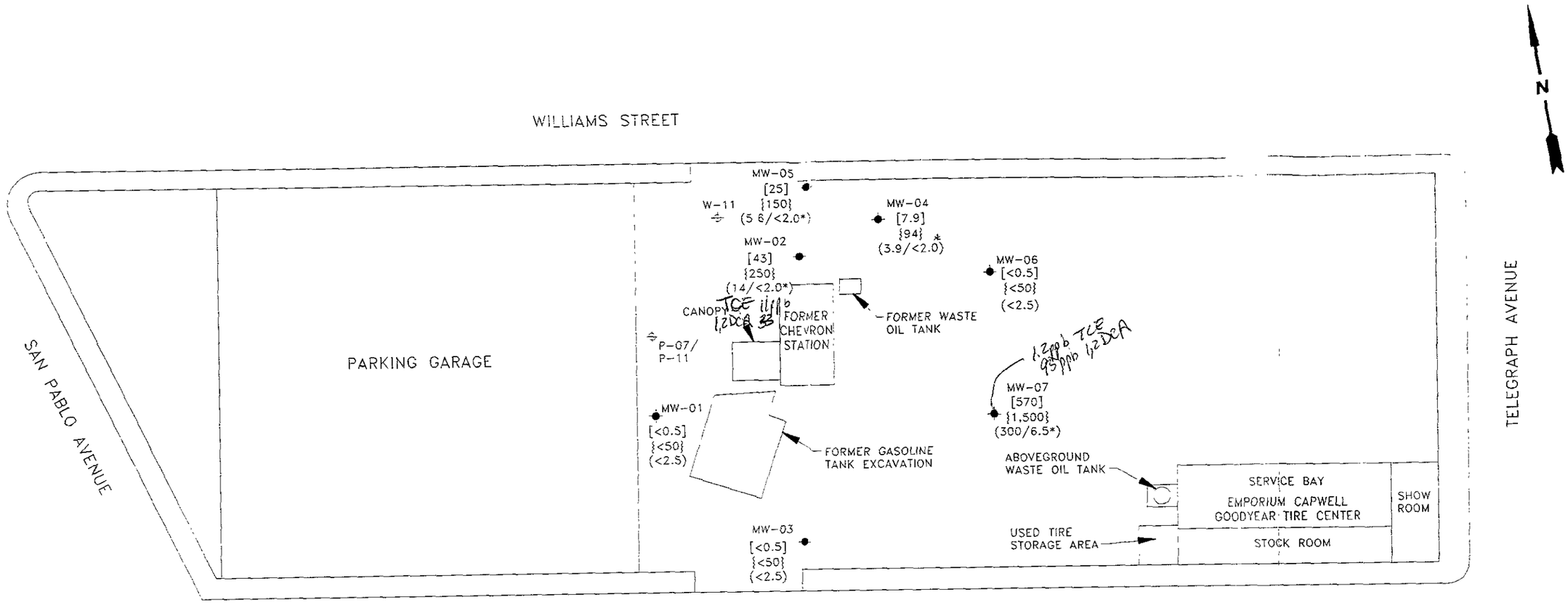
- ✦ MONITORING WELL
- ⌖ SOIL PROBE
- ( ) POTENTIOMETRIC SURFACE ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 77.0 POTENTIOMETRIC SURFACE CONTOUR; INTERVAL = 0.5 FT
- ← GROUNDWATER FLOW DIRECTION AND
- i=0.01 AVERAGE GRADIENT (ft/ft)

IT CORPORATION

0 FEET 50
SCALE

POTENTIOMETRIC SURFACE MAP (GAUGED AUGUST 9, 1999)

CLIENT:	SEARS, ROEBUCK & CO. SITE NO. 1039
LOCATION:	1901–1911 TELEGRAPH AVENUE OAKLAND, CALIFORNIA
ACAD FILE: PSM0899	PROJECT NO.: 1176601
REV.: 1	
DES.: DG / DET.: RDB / DATE: 8/30/99	FIGURE: 1
PM: MEJ	PE/RG: Eij



LEGEND

- ● MONITORING WELL
- ⌖ SOIL PROBE
- [ ] BENZENE CONCENTRATION [ug/l]
- { } TPH-AS-GASOLINE CONCENTRATIONS {ug/l}
- ( ) METHYL TERT-BUTYL ETHER (MTBE) CONCENTRATIONS (ug/l) (NOT CONFIRMED BY EPA METHOD 8260)
- N/A NOT ANALYZED FOR THIS CONSTITUENT
- * MTBE CONFIRMATION ANALYSIS USING EPA 8260

IT CORPORATION

0 FEET 50
SCALE

CONCENTRATIONS OF BENZENE, TPH-AS-GASOLINE & MTBE IN GROUNDWATER (SAMPLED AUGUST 9, 1999)

CLIENT:	SEARS, ROEBUCK & CO. SITE NO. 1039
LOCATION:	1901-1911 TELEGRAPH AVENUE OAKLAND, CALIFORNIA
ACAD FILE: TPH0899	PROJECT NO.: 1176601
REV.: 1	
DES.: DG	DET.: RDB
DATE: 8/30/99	FIGURE: 2
PM:	PE/RG:

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
2633 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
MW-2	93.94	06/12/96	16.01	--	--	77.93
		09/05/96	16.66	--	--	77.28
		12/03/96	16.20	--	--	77.74
		02/27/97	14.46	--	--	79.48
		06/10/97	14.00	--	--	79.94
		08/27/97	16.55	--	--	77.39
		11/26/97	16.86	--	--	77.08
		02/11/98	15.85	--	--	78.09
		05/19/98	15.32	--	--	78.62
		08/10/98	15.82	--	--	78.12
		11/09/98	16.53	--	--	77.41
		02/11/99	16.38	--	--	77.56
		05/10/99	15.19	--	--	78.75
		08/09/99	16.09			77.85
MW-3	95.67	06/12/96	17.56	--	--	78.11
		09/05/96	18.32	--	--	77.35
		12/03/96	18.57	--	--	77.10
		02/27/97	17.43	--	--	78.24
		06/10/97	18.12	--	--	77.55
		08/27/97	18.47	--	--	77.20
		11/26/97	18.70	--	--	76.97
		02/11/98	17.76	--	--	77.91
		05/19/98	16.99	--	--	78.68
		08/10/98	17.51	--	--	78.16
		11/09/98	18.07	--	--	77.60
		02/11/99	18.07	--	--	77.60
		05/10/99	17.04	--	--	78.63
		08/09/99	17.77			77.90

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
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-4	91.99	06/12/96	14.21	–	–	77.78
		09/05/96	14.83	–	–	77.16
		12/03/96	13.99	–	–	78.00
		02/27/97	12.44	–	–	79.55
		06/10/97	14.20	–	–	77.79
		08/27/97	14.62	–	–	77.37
		11/26/97	15.00	–	–	76.99
		02/11/98	14.10	–	–	77.89
		05/19/98	13.57	–	–	78.42
		08/10/98	14.10	–	–	77.89
		11/09/98	14.75	–	–	77.24
		02/11/99	14.57	–	–	77.42
		05/10/99	13.46	–	–	78.53
		08/09/99	14.15			77.84
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
MW-6	92.15	06/12/96	14.99	–	–	77.16
		09/05/96	15.50	–	–	76.65
		12/03/96	15.07	–	–	77.08
		02/27/97	14.14	–	–	78.01
		06/10/97	15.30	–	–	76.85
		08/27/97	15.42	–	–	76.73
		11/26/97	15.70	–	–	76.45
		02/11/98	14.87	–	–	77.28
		05/19/98	14.32	–	–	77.83
		08/10/98	14.90	–	–	77.25
		11/09/98	15.39	–	–	76.76
		02/11/99	15.21	–	–	76.94
		05/10/99	14.12	–	–	78.03
		08/09/99	15.00			77.15

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
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elevation	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elevation
MW-7	93.36	06/12/96	16.56	--	--	76.80
		09/05/96	17.10	--	--	76.26
		12/03/96	17.12	--	--	76.24
		02/27/97	16.20	--	--	77.16
		06/10/97	17.00	--	--	76.36
		08/27/97	17.18	--	--	76.18
		11/26/97	17.40	--	--	75.96
		02/11/98	16.65	--	--	76.71
		05/19/98	15.96	--	--	77.40
		08/10/98	16.48	--	--	76.88
		11/09/98	16.98	--	--	76.38
		02/11/99	16.94	--	--	76.42
		05/10/99	15.87	--	--	77.49
		08/09/99	16.60			76.76

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
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*	260	2.2	7.9	4.2	260	7	24	3.4	<0.5	--	<0.5
	08/09/99	14/<2*	43	0.79	0.54	<0.5	250	11	33	2.6	<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

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-3 (cont'd)	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
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*	7.9	<0.5	<0.5	<0.5	94	<0.5	<0.5	<0.5	<0.5	<1000	<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*	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*	25	<0.5	<0.5	<0.5	150	<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

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-6	05/19/98	<5	0.6	<0.5	<0.5	<2	<50	<0.5	<0.5	<0.5	<0.5	<500	0.6
(cont'd)	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
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	0.8	<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*	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

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 confirmation analysis using EPA 8260
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 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 and are placed in the insulated cooler and accompany the field samples throughout the sampling event.

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 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 and are placed in the insulated cooler and accompany the field samples throughout the sampling event.

Mon. 8/9

SITE VISIT FORM
IT Corporation - Martinez, California

Project: 1176601.00
Site: SEARS/1039/Oakland, CA
Project Mgr: Melissa Gossell

Technician: H Marino
Scheduled: 8/09/99
Site Mgr: Brad Wooland

PREPARATORY COMMENTS

Visit Date: 8-9-99 Arrival Time: 12:00pm Departure Time: 4:30

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

Called PM? Y/N Time: _____ Who: _____ Topic: _____

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

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

Job # and task #

GROUNDWATER SAMPLING - Task Nr: 030543 [Quarterly]

SITE ADDRESS: 1911 Telegraph Avenue, Oakland, CA

cc: Melissa Gossell, Doug Gay

NOTIFY: Jennie Pinocci 48 hrs. in advance (510) 444-7662. (She will insure that wells are not covered). 8/6 @ 11:50 spoke to Fuji.

Notify Tom Peacock 72 hrs. in advance (510) 567-6782. DONE: 8/4 @ 9:35 Left Message. JG

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 seven (7) wells in the following order: MW-3, MW-1, MW-6, MW-4, MW-5, MW-2 and MW-7. USE DISPOSABLE BAILERS. Collect six (6) 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 (Sequoia Analytical).

SITE VISIT FORM
IT Corporation - Martinez, California

Project: 1176601.00
Site: SEARS/1039/Oakland, CA
Project Mgr: Melissa Gossell

Technician:
Scheduled: 8/09/99
Site Mgr: Brad Woolland

GROUNDWATER SAMPLING (Continued) - Task Nr: 030543 [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 Sequoia Analytical in Walnut Creek, ph. # (925) 988-9600, to be analyzed for BTEX/MTBE/TPH-G (EPA Method 8020/8015M) and chlorinated hydrocarbons (EPA method 8010). Wells MW-4 and 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? YES. 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	4.50 ~~0.00~~	Total Hours Used	4.50
Travel Time Estimated	1.~~50~~	Travel Time Used	1.50
	TOTAL		6.0

SITE VISIT FORM
IT Corporation

Project: Sears/1039/Oakland	Technician:
Store #: 1039, 1911 Telegraph Ave.	Schedule:
Project Manager: Melissa Gossell	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 LAKE

Sears Facility Contact and Phone # Brad Woodland (510) 628-8425

IT Corporation Representative H Marino

Accumulation Start Date 8-9-99 Completion Date: 8-9-99

Exact Drum Storage Location 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			O or B	H / N / U	
GASOLINE IMPACTED PURGE WATER	4	A,B,C,D	(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 OAKLAND CA

IT Corporation Representative HAMERLIND

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	5-10-99	PURGE WATER	GROUNDWATER	NO	55
B	5-10-99	"	"	"	55
C	8-9-99	"	"	"	55
D	8-9-99	"	"	"	30

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 1911 OAKland CA.

Sears Facility Contact and Phone # Brad Woodland (510) 628-8825

IT Corporation Representative Hatino

Accumulation Start Date 8-5-99 Completion Date 8-9-99

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

SITE VISIT FORM
IT Corporation

Project: Sears/1039/Oakland
Store #: 1039, 1911 Telegraph Ave.
Project Manager: Melissa Gossell

Technician: H Mendoza
Schedule: 8-9-99
Job No. 1176601.03054300

WELL WATER SAMPLING - TASK Nr: 030543 00 [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 15.82	SAT. THICK___	#GAL. BAILED___
MW-2:	DTB_24.10	DTW 16.09	SAT. THICK___	#GAL. BAILED___
MW-3:	DTB_27.75	DTW 17.77	SAT. THICK___	#GAL. BAILED___
MW-4:	DTB_23.55	DTW 14.15	SAT. THICK___	#GAL. BAILED___
MW-5:	DTB_25.10	DTW 13.90	SAT. THICK___	#GAL. BAILED___
MW-6:	DTB_26.75	DTW 15.00	SAT. THICK___	#GAL. BAILED___
MW-7:	DTB_26.20	DTW 16.60	SAT. THICK___	#GAL. BAILED___

NOTES: Monitored and Sampled all 7 wells, took D.O. readings before purging & while purging

HOURS ESTIMATED: HOURS USED:

FINAL CHECKS

Are Wells Locked? YES NO Why Not?

Are Manholes Bolted Down? YES NO Why Not?

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

Date: 8-9-99
Page 1 of 7
Project Manager: Melissa Gossell

Well ID: MW-3
Well Diameter: 4

DTW Measurements:
Initial: 17.77
Recharge:
DTB: 27.75

Calc Well Volume: 6.5 gal
Well Volume X 3 19.5 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
13:02	21.8	0.67	6.70	1.3	5	cloudy	
13:04	21.3	0.60	6.41	0.5	10	"	
13:06	21.4	0.62	6.23	0.4	15	"	
13:08	21.4	0.61	6.19	0.4	20	"	

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

Date: 8-9-99
Page 2 of 7
Project Manager: Melissa Gossell

Well ID: MW-2
Well Diameter: 4

DTW Measurements:
Initial: 15.81
Recharge:
DTB: 29.25

Calc Well Volume: 5.5 gal
Well Volume: X3 16.5 gal

Purge Method
Peristaltic
Gear Drive
Submersible X

Pump Depth ft.
Hand Bailed
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:
Other:

Dissolved O2 levels are not indicative of aerobic degrad.

Time	Temp °C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
13:17	22.7	1.98	6.01	1.5	5	Cloudy	
13:19	21.5	2.06	6.15	0.8	10		
13:21	21.5	2.07	6.16	0.6	15		
13:24	21.7	2.10	6.19	0.5	17		

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

Date: 8/9/99
Page 3 of 7
Project Manager: Melissa Gossell

Well ID: MW-6
Well Diameter: 8

DTW Measurements:
Initial: 15.00
Recharge:
DTB: 26.75

Calc Well Volume: 1.9 gal
Well Volume: X3 5.7 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
13:30	22.5	1.57	6.43	1.2	1	cloudy	
13:31	21.9	1.56	6.45	0.4	2		
13:32	21.8	1.56	6.44	0.3	3		
13:33	21.7	1.58	6.44	0.3	4		
13:34	21.7	1.47	6.44	0.3	5		

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

Date: 8-9-99
Page 4 of 7
Project Manager: Melissa Gossell

Well ID: MW-4
Well Diameter: 4

DTW Measurements:
Initial: 14.15
Recharge:
DTB: 23.55

Calc Well Volume: 6.1 gal
Well Volume: X3 18.3 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
13:38	21.7	1.49	6.48	0.7	5	cloudy	
13:40	21.9	1.36	6.41	0.6	10		
13:44	21.8	1.52	6.46	0.5	15		
13:46	21.9	1.59	6.49	0.5	18		DRY @ 18 GALLONS

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

Date: 8-9-99
Page 5 of 7
Project Manager: Melissa Gossell

Well ID: MW.5
Well Diameter: 2

DTW Measurements:
Initial: 13.90
Recharge:
DTB: 25.10

Calc Well Volume: 1.8 gal
Well Volume: X3 5.4 gal

Purge Method
Peristaltic
Gear Drive
Submersible X

Pump Depth ft.
Hand Bailed
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:
Other:

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
13:52	22.2	2.28	6.59	0.2	1	cloudy	
13:51	22.1	2.26	6.60	0.2	2		
13:52	22.1	2.07	6.62	0.2	3		DRY @ 3 Gallons
					4		
					5		

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

Date: 8-9-99
Page 6 of 7
Project Manager: Melissa Gossell

Well ID: MW-2
Well Diameter: 2

DTW Measurements:
Initial: 11.09
Recharge:
DTB: 24.10

Calc Well Volume: 1.3 gal
Well Volume: X3 3.9 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 ___ C ___ F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
14:08	22.8	0.69	6.67	1.2	1	cloudy	
14:10	21.3	0.70	6.49	1.0	2		
14:12	21.1	0.68	6.42	0.9	3		
14:14	21.0	0.68	6.37	0.9	4		

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

Date: 8-9-99
Page 1 of 8
Project Manager: Melissa Gossell

Well ID: MW-7
Well Diameter: 2

DTW Measurements:
Initial: 16.60
Recharge:
DTB: 26.20

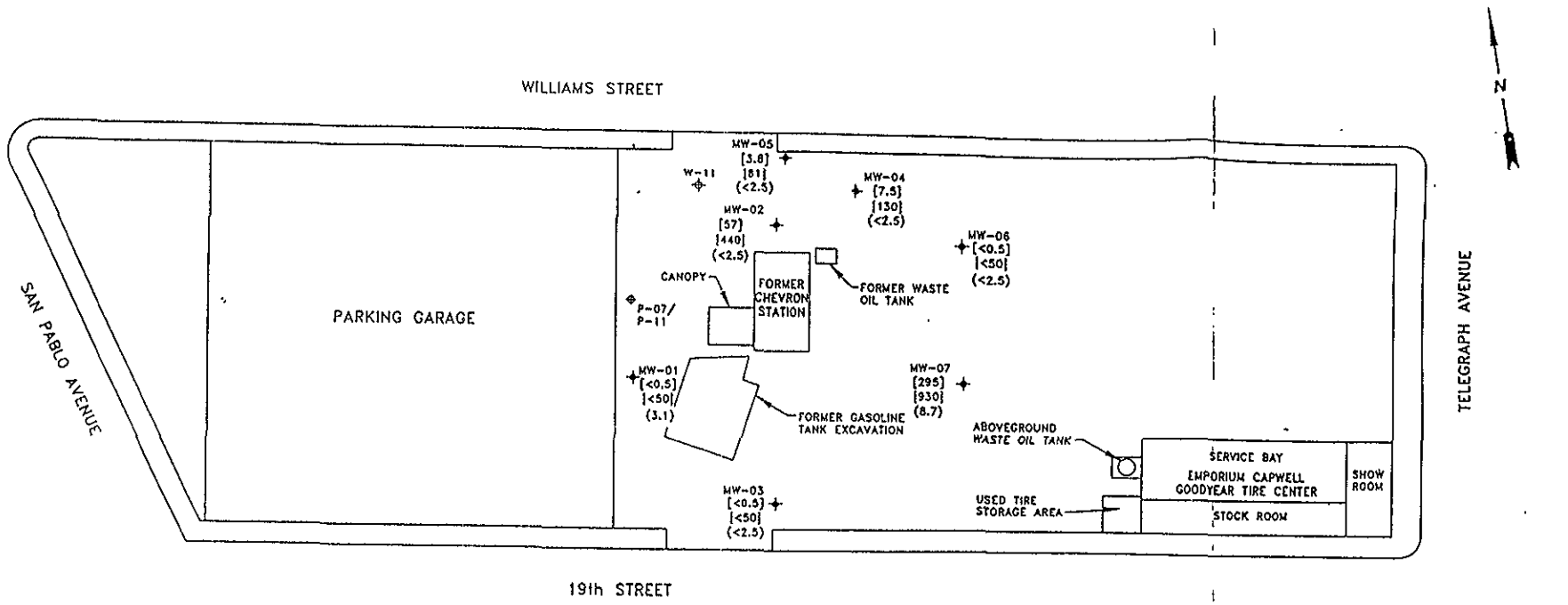
Calc Well Volume: 1.5 gal
Well Volume: X3 4.5 gal

Purge Method
Peristaltic
Gear Drive
Submersible X

Pump Depth ft.
Hand Bailed
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:
Other:

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Dissolved Oxygen	Purge Volume Gallons	Turbidity	Comments
14:22	21.9	1.16	6.01	1.6	1	cloudy	
14:23	21.5	1.14	6.22	1.4	2		
14:24	21.4	1.32	6.27	1.2	3		
14:25	21.5	1.41	6.30	1.2	4		
14:26	21.5	1.02	6.31	1.2	5		



LEGEND

- ✦ MONITORING WELL
- ✧ SOIL PROBE
- [ ] BENZENE CONCENTRATION [ug/l]
- { } TPH-AS-GASOLINE CONCENTRATIONS [ug/l]
- ( ) METHYL TERT-BUTYL ETHER (MTBE) CONCENTRATIONS (ug/l)

FLUOR DANIEL GTI

0 FEET 50
SCALE

CONCENTRATIONS OF BENZENE, TPH-AS-GASOLINE & MTBE IN GROUNDWATER (SAMPLED 11/9/98)

CLIENT: SEARS, ROEBUCK & CO.
SITE NO. 1039

LOCATION: 1901-1911 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

ACAD FILE:	PROJECT NO.:
TPHN998	103231

REV.: 1

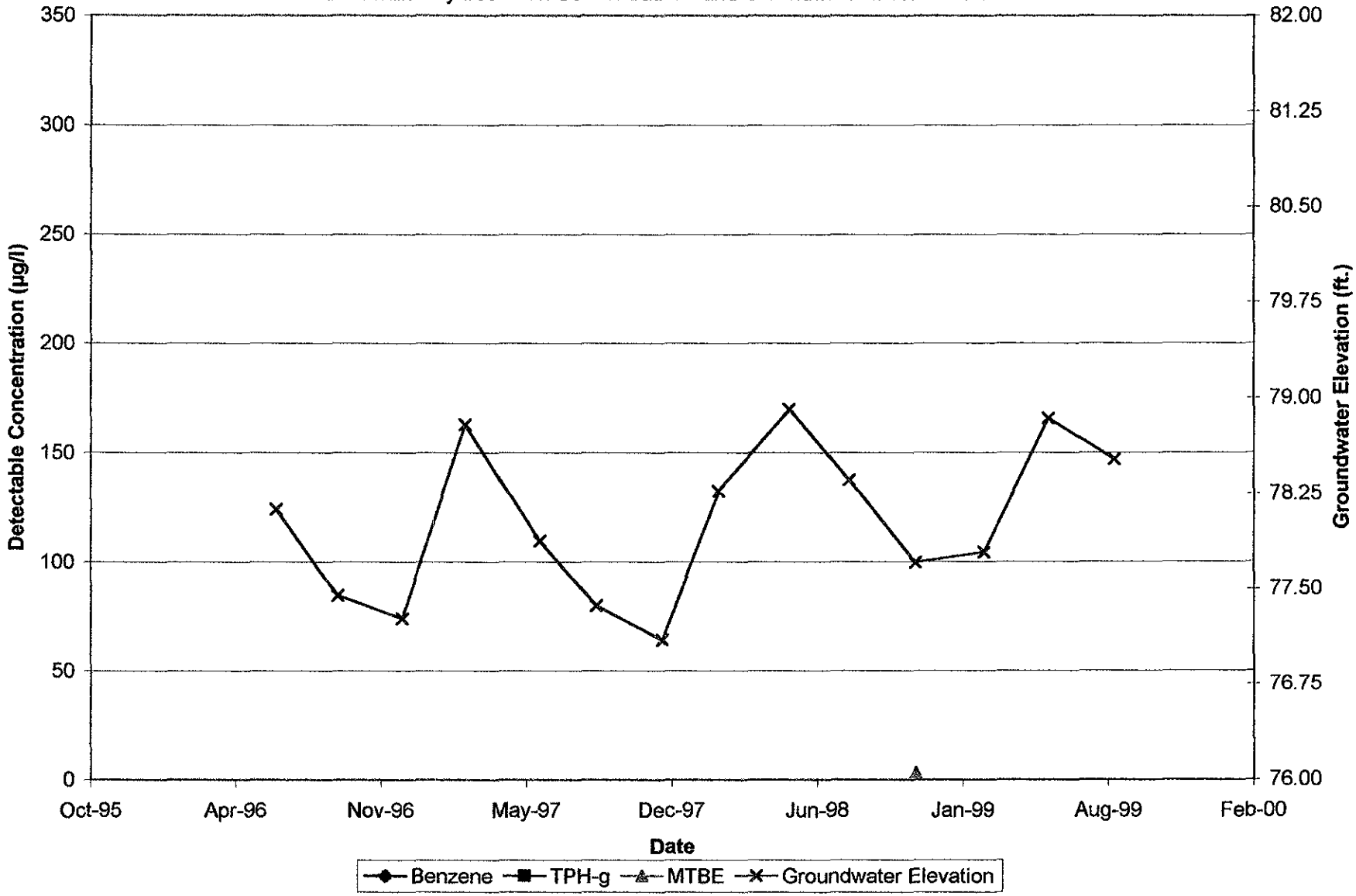
DES.:	DET.:	DATE:	FIGURE:
BP	ML	12/5/98	2

PM: PE/RG:

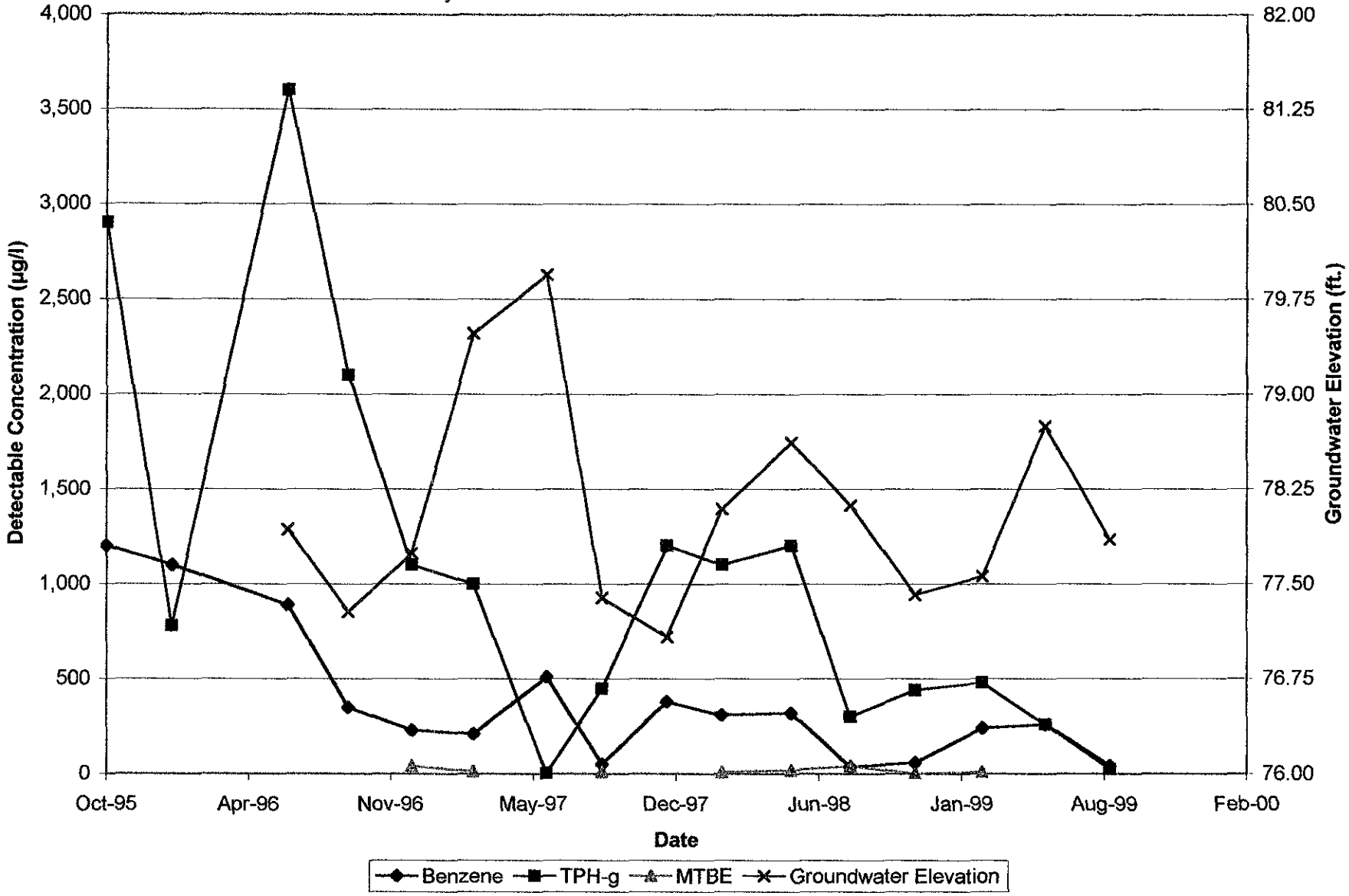
Attachment 4

Graphs

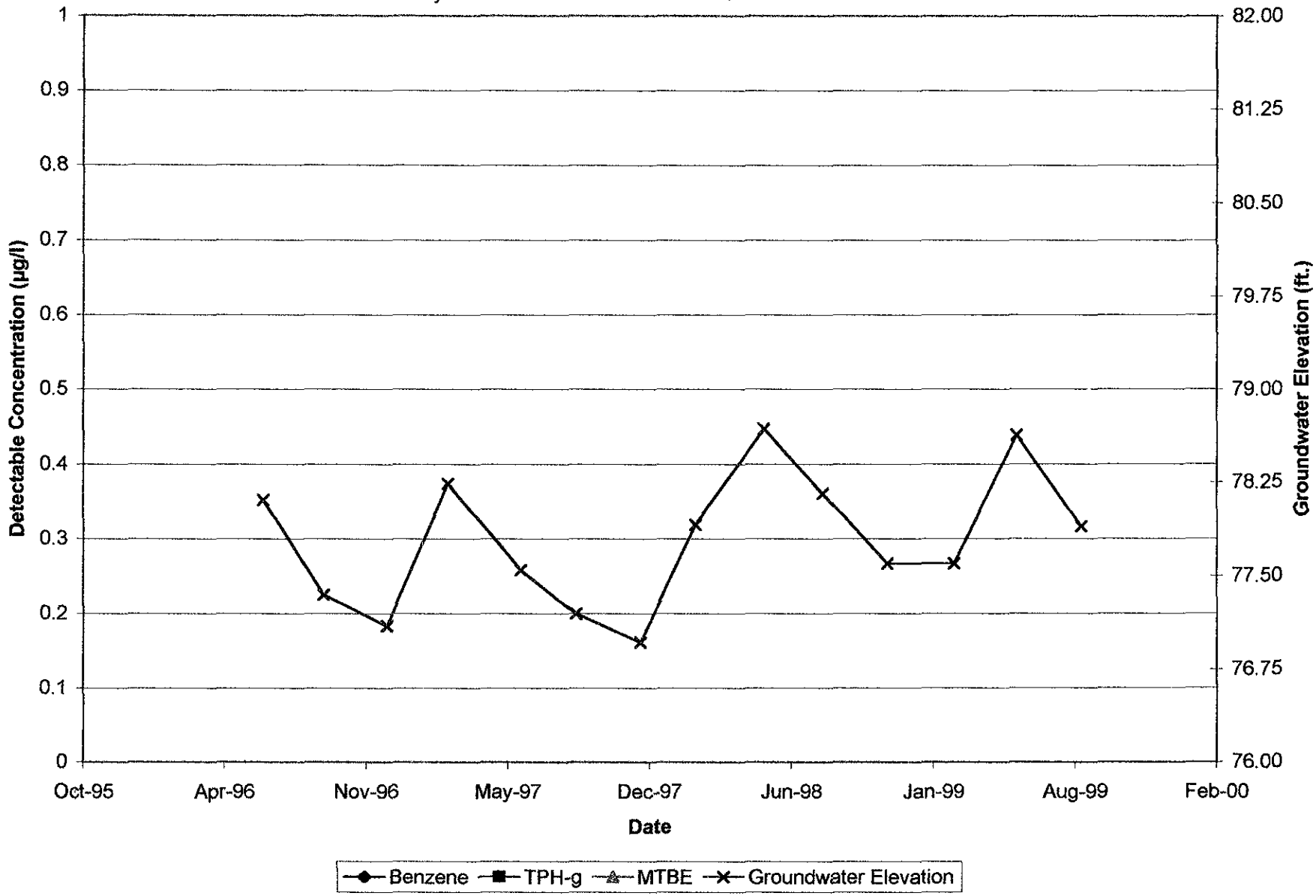
Graph 1, MW-1
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



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

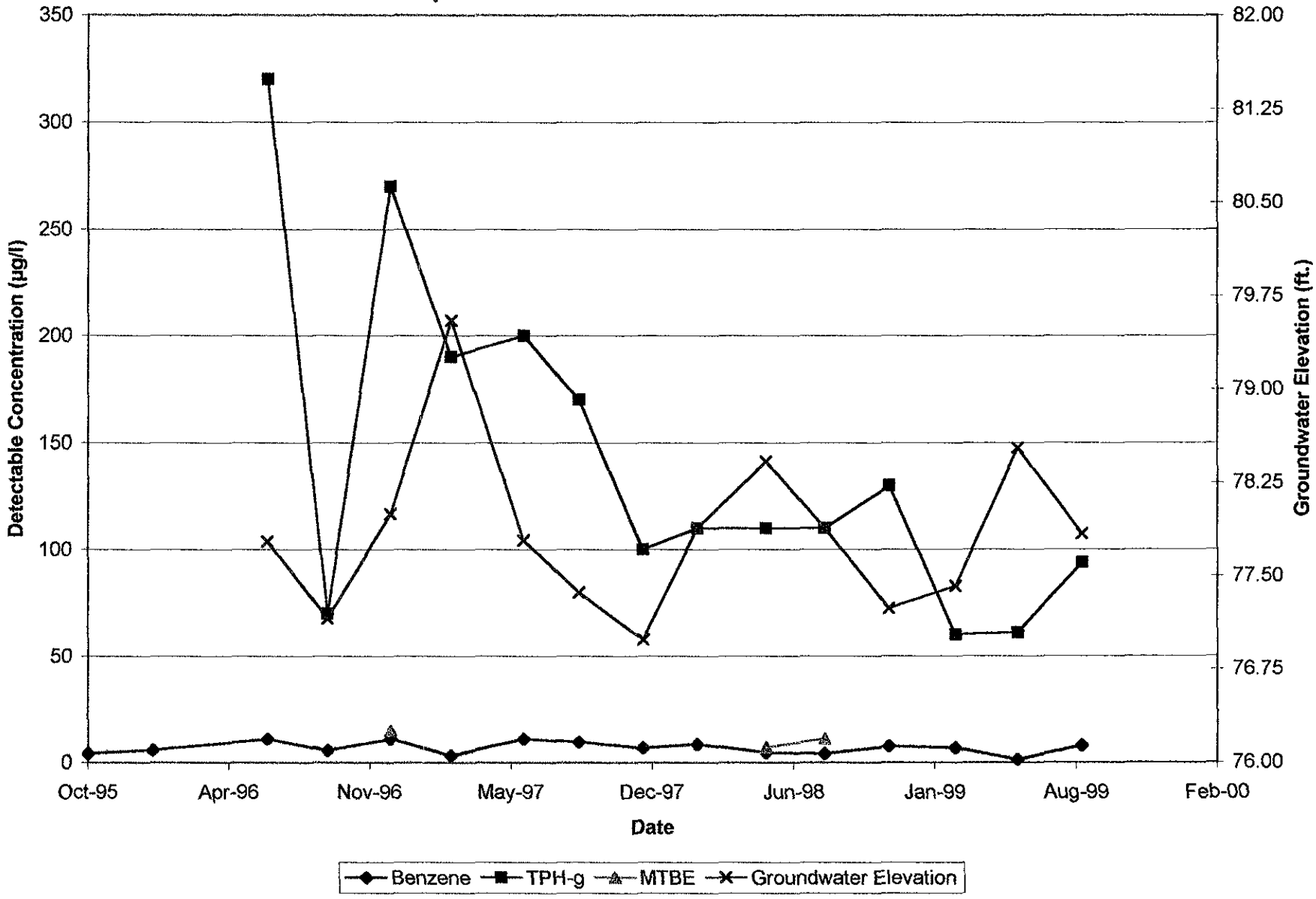


Graph 3, MW-3
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time

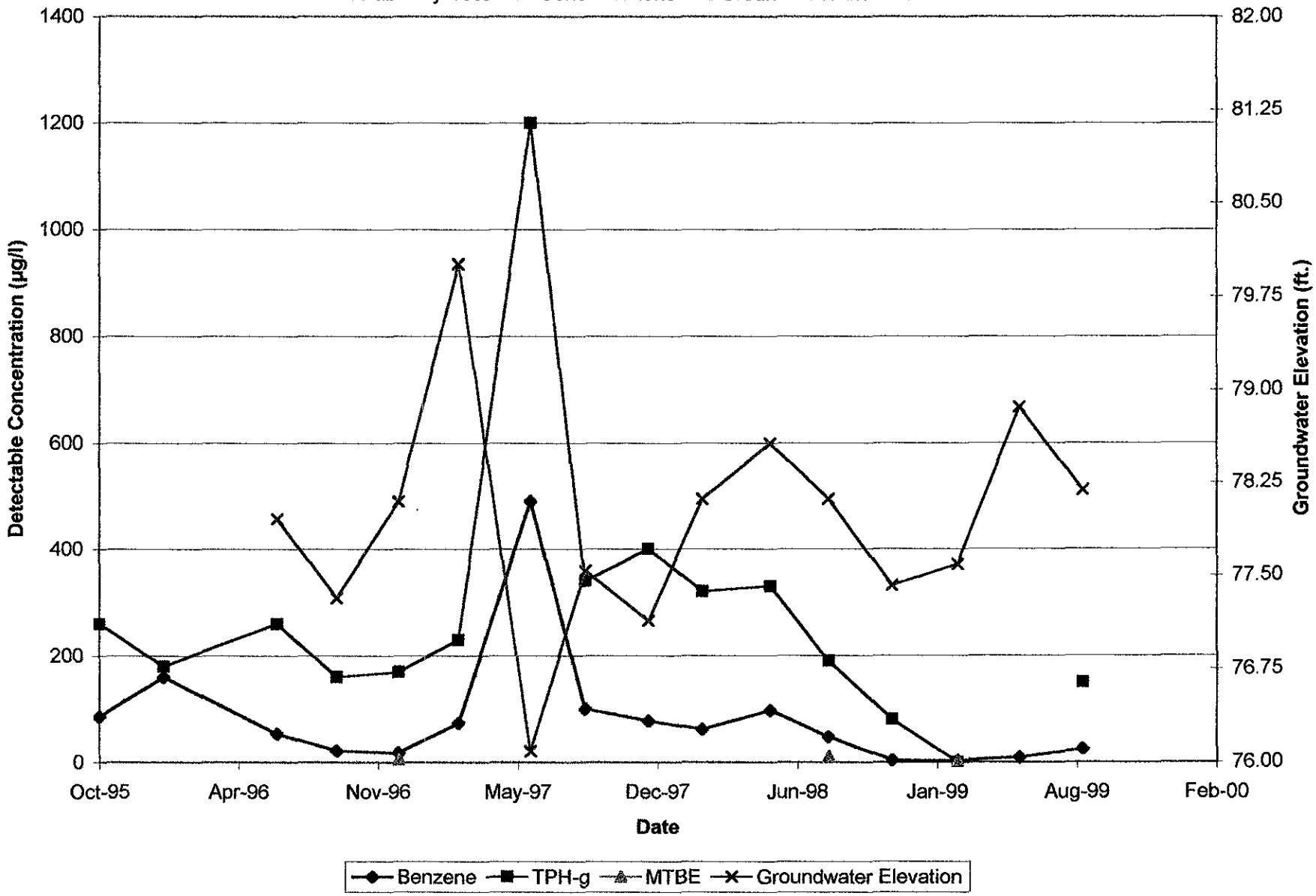


NOTE:
No detectable Benzene, TPH-g, or MTBE

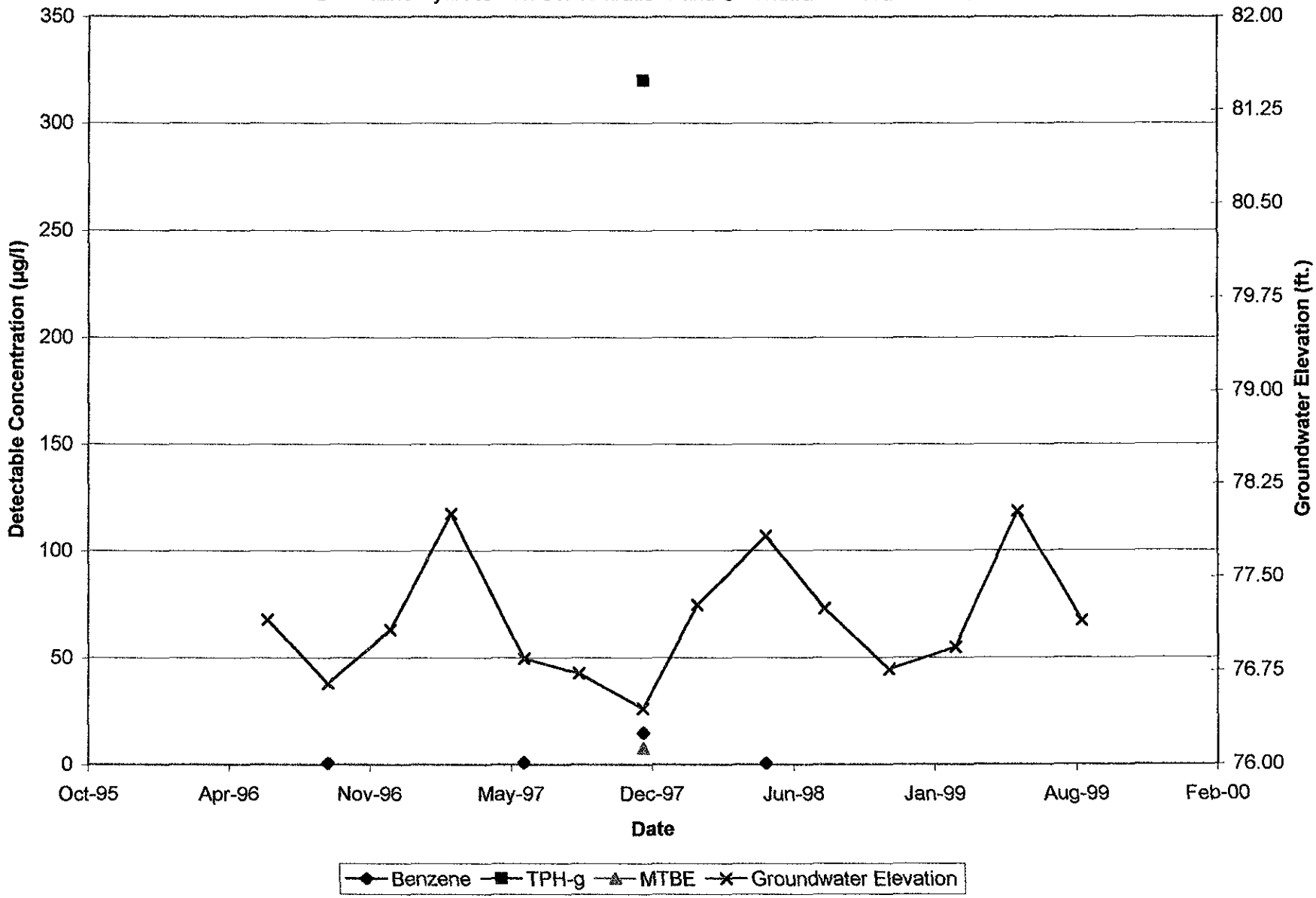
Graph 4, MW-4
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



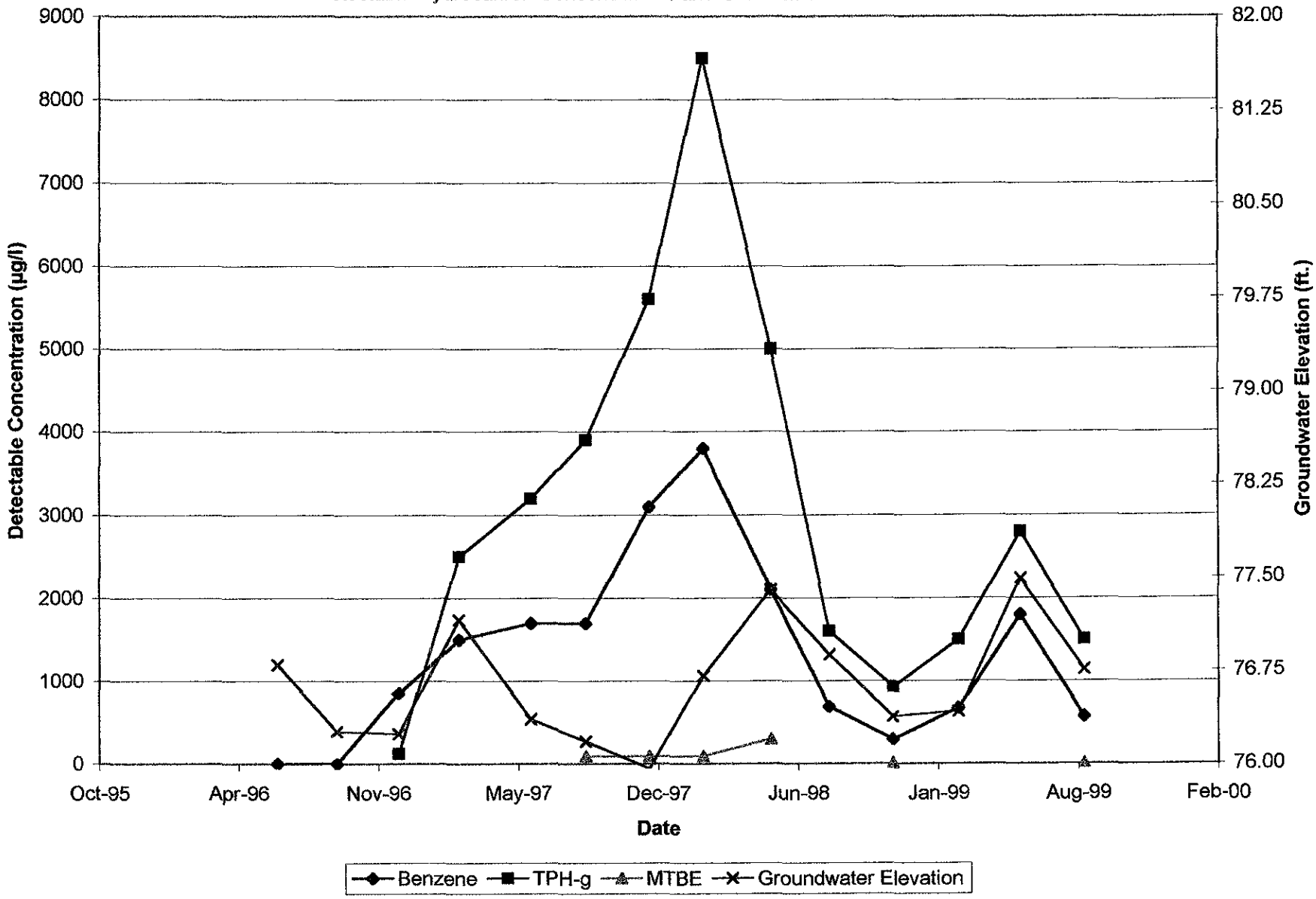
Graph 5, MW-5
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



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



Attachment 5

Laboratory Reports and Chain-of-Custody Documents

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

International Technology Corp.	Client Project ID:	Sears #1039	Sampled: Aug 9, 1999
757 Arnold Dr., Suite D	Sample Matrix:	Water	Received: Aug 10, 1999
Martinez, CA 94533	Analysis Method:	EPA 5030/8015 Mod./8020	Reported: Aug 24, 1999
Attention: Melissa Gossel	First Sample #:	W908193-01	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit µg/L	Sample I.D. W908193-01 MW-1	Sample I.D. 02 MW-3	Sample I.D. 03 MW-7	Sample I.D. 04 MW-6	Sample I.D. 05 MW-4	Sample I.D. 06 MW-5
QC Batch Number:		GC081899 802002A	GC081899 802002A	GC081899 802002A	GC081899 802002A	GC081899 802002A	GC082099 802002A
Purgeable Hydrocarbons	50	N.D.	N.D.	1,500	N.D.	94	150
Benzene	0.50	N.D.	N.D.	570	N.D.	7.9	25
Toluene	0.50	N.D.	N.D.	5.1	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	28	N.D.	N.D.	N.D.
Total Xylenes	0.50	N.D.	N.D.	30	N.D.	N.D.	N.D.
MTBE	2.5	N.D.	N.D.	300	N.D.	3.9	5.6
Chromatogram Pattern:		--	--	Gasoline	--	Gasoline	Gasoline

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	10	1.0	1.0	1.0
Date Analyzed:	8/18/99	8/18/99	8/18/99	8/18/99	8/18/99	8/20/99
Instrument Identification:	HP-2	HP-2	HP-2	HP-2	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	98	98	97	97	123	121

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

International Technology Corp.	Client Project ID:	Sears #1039	Sampled: Aug 9, 1999
757 Arnold Dr., Suite D	Sample Matrix:	Water	Received: Aug 10, 1999
Martinez, CA 94533	Analysis Method:	EPA 5030/8015 Mod./8020	Reported: Aug 24, 1999
Attention: Melissa Gossel	First Sample #:	W908193-07	

QC Batch Number: GC081899 802002A | GC081899 802002A | GC081899 802002A

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit µg/L	Sample I.D. W908193-07 MW-2	Sample I.D. 08 Dup-MW 2	Sample I.D. 09 TBLB
Purgeable Hydrocarbons	50	250	240	N.D.
Benzene	0.50	43	41	N.D.
Toluene	0.50	0.79	0.71	N.D.
Ethyl Benzene	0.50	0.54	N.D.	N.D.
Total Xylenes	0.50	N.D.	N.D.	N.D.
MTBE	2.5	14	13	N.D.
Chromatogram Pattern:		Gasoline	Gasoline	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0
Date Analyzed:	8/18/99	8/18/99	8/18/99
Instrument Identification:	HP-2	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	136*	128	94

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Please Note:
*Surrogate recovery above upper control limit due to coelution.

Sequoia Analytical

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International Technology Corp.
757 Arnold Dr., Suite D
Martinez, CA 94533
Attention: Melissa Gossel

Client Project ID: Sears #1039
Matrix: Liquid
QC Sample Group: W908193

Reported: Aug 24, 1999

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC081899 802002A	GC081899 802002A	GC081899 802002A	GC081899 802002A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	C. Westwater	C. Westwater	C. Westwater	C. Westwater
MS/MSD #:	90819301	90819301	90819301	90819301
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	8/18/99	8/18/99	8/18/99	8/18/99
Analyzed Date:	8/18/99	8/18/99	8/18/99	8/18/99
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
Result:	20	19	20	64
MS % Recovery:	100	95	100	107
Dup. Result:	21	19	21	65
MSD % Recov.:	105	95	105	108
RPD:	4.9	0.0	4.9	1.6
RPD Limit:	0-20	0-20	0-20	0-20

LCS #:	2LCS081899	2LCS081899	2LCS081899	2LCS081899
Prepared Date:	8/18/99	8/18/99	8/18/99	8/18/99
Analyzed Date:	8/18/99	8/18/99	8/18/99	8/18/99
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
LCS Result:	21	19	22	67
LCS % Recov.:	105	95	110	112

MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

Sequoia Analytical

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International Technology Corp.
757 Arnold Dr., Suite D
Martinez, CA 94533
Attention: Melissa Gossel

Client Project ID: Sears #1039
Matrix: Vapor
QC Sample Group: W908193

Reported: Aug 24, 1999

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC082099 802002A	GC082099 802002A	GC082099 802002A	GC082099 802002A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	C. Westwater	C. Westwater	C. Westwater	C. Westwater
MS/MSD #:	100 NG BTEX	100 NG BTEX	100 NG BTEX	100 NG BTEX
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	8/20/99	8/20/99	8/20/99	8/20/99
Analyzed Date:	8/20/99	8/20/99	8/20/99	8/20/99
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
Conc. Spiked:	2.0 µg/L	2.0 µg/L	2.0 µg/L	6.0 µg/L
Result:	1.3	1.0	0.91	2.9
MS % Recovery:	65	50	46	48
Dup. Result:	1.4	1.0	1.0	2.9
MSD % Recov.:	70	50	50	48
RPD:	7.4	0.0	9.4	0.0
RPD Limit:	0-20	0-20	0-20	0-20

LCS #:	2LCS082099	2LCS082099	2LCS082099	2LCS082099
Prepared Date:	8/20/99	8/20/99	8/20/99	8/20/99
Analyzed Date:	8/20/99	8/20/99	8/20/99	8/20/99
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
Conc. Spiked:	2.0 µg/L	2.0 µg/L	2.0 µg/L	6.0 µg/L
LCS Result:	1.9	1.7	2.0	5.9
LCS % Recov.:	95	85	100	98

MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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24 August, 1999

Melisa Gossel
IT Corporation
757 Arnold Dr., Suite D
Martinez, CA 94553

RE: Sears

Enclosed are the results of analyses for samples received by the laboratory on 10-Aug-99 14:02. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dimple Sharma
Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

IT Corporation 757 Arnold Dr., Suite D Martinez CA, 94553	Project: Sears Project Number: Sears # 1039 Project Manager: Melisa Gossel	**Reported:** 24-Aug-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (W908193-04) Water Sampled: 09-Aug-99 15:27 Received: 10-Aug-99 14:02									
Bromodichloromethane	ND	0.50	ug/l	1	9H16010	17-Aug-99	17-Aug-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**0.52**	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*73.0 %*	*50-150*	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*50-150*	"	"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

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IT Corporation 757 Arnold Dr., Suite D Martinez CA, 94553	Project: Sears Project Number: Sears # 1039 Project Manager: Melisa Gossel	**Reported:** 24-Aug-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (W908193-05) Water	**Sampled: 09-Aug-99 15:40**	**Received: 10-Aug-99 14:02**							
Bromodichloromethane	ND	0.50	ug/l	1	9H16010	17-Aug-99	17-Aug-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*93.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.0 %*	*50-150*		"	"	"	"	

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Dimple Sharma, Project Manager

Sequoia Analytical

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IT Corporation 757 Arnold Dr., Suite D Martinez CA, 94553	Project: Sears Project Number: Sears # 1039 Project Manager: Melisa Gossel	Reported: 24-Aug-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (W908193-06) Water Sampled: 09-Aug-99 16:00 Received: 10-Aug-99 14:02									
Bromodichloromethane	ND	0.50	ug/l	1	9H16010	17-Aug-99	17-Aug-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	5.7	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*79.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

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IT Corporation	Project: Sears	
757 Arnold Dr., Suite D	Project Number: Sears # 1039	**Reported:**
Martinez CA, 94553	Project Manager: Melisa Gossel	24-Aug-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (W908193-07) Water Sampled: 09-Aug-99 16:10 Received: 10-Aug-99 14:02									
Bromodichloromethane	ND	0.50	ug/l	1	9H16010	17-Aug-99	17-Aug-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	33	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	2.6	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	11	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*81.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*130 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

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IT Corporation 757 Arnold Dr., Suite D Martinez CA, 94553	Project: Sears Project Number: Sears # 1039 Project Manager: Melisa Gossel	**Reported:** 24-Aug-99 16:48

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (W908193-04) Water	**Sampled: 09-Aug-99 15:27**	**Received: 10-Aug-99 14:02**							
TRPH	ND	1.0	mg/l	1	9H24012	24-Aug-99	24-Aug-99	EPA 418.1	
MW-4 (W908193-05) Water	**Sampled: 09-Aug-99 15:40**	**Received: 10-Aug-99 14:02**							
TRPH	ND	1.0	mg/l	1	9H24012	24-Aug-99	24-Aug-99	EPA 418.1	

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Dimple Sharma, Project Manager

Sequoia Analytical

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IT Corporation 757 Arnold Dr., Suite D Martinez CA, 94553	Project: Sears Project Number: Sears # 1039 Project Manager: Melisa Gossel	**Reported:** 24-Aug-99 16:48

Volatile Organic Compounds by EPA Method 8010B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9H16010: Prepared 16-Aug-99 Using EPA 5030B [P/T]										
Blank (9H16010-BLK1)										
1,1,2-Trichlorotrifluoroethane	ND	1.0	ug/l							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	1.0	"							
Dibromochloromethane	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Methylene chloride	20.0	5.0	"							A-01
1,1,2,2-Tetrachloroethane	ND	0.50	"							
Tetrachloroethene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
Vinyl chloride	ND	1.0	"							
Surrogate: Dibromodifluoromethane	*9.10*		"	*10.0*		*91.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*9.20*		"	*10.0*		*92.0*	*50-150*			

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

IT Corporation	Project: Sears	
757 Arnold Dr., Suite D	Project Number: Sears # 1039	**Reported:**
Martinez CA, 94553	Project Manager: Melisa Gossel	24-Aug-99 16:48

Volatile Organic Compounds by EPA Method 8010B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9H16010: Prepared 16-Aug-99 Using EPA 5030B [P/T]										
LCS (9H16010-BS1)										
Chlorobenzene	22.0	0.50	ug/l	20.0		110	70-130			
1,1-Dichloroethene	26.0	0.50	"	20.0		130	65-135			
Trichloroethene	25.0	0.50	"	20.0		125	70-130			
Surrogate: Dibromodifluoromethane	*16.4*		"	*20.0*		*82.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*17.6*		"	*20.0*		*88.0*	*50-150*			
Matrix Spike (9H16010-MS1)					**Source: W908156-04**					
Chlorobenzene	24.0	0.50	ug/l	20.0	ND	120	60-140			
1,1-Dichloroethene	25.0	0.50	"	20.0	ND	125	60-140			
Trichloroethene	25.0	0.50	"	20.0	ND	125	60-140			
Matrix Spike Dup (9H16010-MSD1)					**Source: W908156-04**					
Chlorobenzene	25.0	0.50	ug/l	20.0	ND	125	60-140	4.08	25	
1,1-Dichloroethene	27.0	0.50	"	20.0	ND	135	60-140	7.69	25	
Trichloroethene	26.0	0.50	"	20.0	ND	130	60-140	3.92	25	

Dimple Sharma, Project Manager

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IT Corporation	Project: Sears	
757 Arnold Dr., Suite D	Project Number: Sears # 1039	Reported:
Martinez CA, 94553	Project Manager: Melisa Gossel	24-Aug-99 16:48

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9H24012: Prepared 24-Aug-99 Using EPA 418.1										
Blank (9H24012-BLK1)										
TRPH	ND	1.0	mg/l							
LCS (9H24012-BS1)										
TRPH	8.20	1.0	mg/l	8.00		102	70-130			
LCS Dup (9H24012-BSD1)										
TRPH	8.30	1.0	mg/l	8.00		104	70-130	1.21	30	

Dimple Sharma, Project Manager

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Walnut Creek, CA 94598
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IT Corporation	Project: Sears	
757 Arnold Dr., Suite D	Project Number: Sears # 1039	Reported:
Martinez CA, 94553	Project Manager: Melisa Gossel	24-Aug-99 16:48

Notes and Definitions

A-01	Methylene chloride is a suspected laboratory contaminant. All sample results may be subject to external bias.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Simple Sharma, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

IT Corporation
757 Arnold Dr., Suite D
Martinez CA, 94553

Project: Sears
Project Number: Sears # 1039
Project Manager: Accounts Payable

Reported:
25-Aug-99 17:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	W908193-05	Water	09-Aug-99 15:40	10-Aug-99 14:02
MW-5	W908193-06	Water	09-Aug-99 16:00	10-Aug-99 14:02
MW-7	W908193-03	Water	09-Aug-99 15:15	10-Aug-99 14:02
DUP MW-2	W908193-08	Water	09-Aug-99 16:10	10-Aug-99 14:02
MW-2	W908193-07	Water	09-Aug-99 16:10	10-Aug-99 14:02

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Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
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FAX (925) 988-9673

IT Corporation 757 Arnold Dr., Suite D Martinez CA, 94553	Project: Sears Project Number: Sears # 1039 Project Manager: Accounts Payable	**Reported:** 25-Aug-99 17:54

MTBE Confirmation by EPA Method 8260A

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (W908193-03) Water Sampled: 09-Aug-99 15:15 Received: 10-Aug-99 14:02									**O-04**
Methyl tert-butyl ether	6.5	2.0	ug/l	1	9H25006	25-Aug-99	25-Aug-99	EPA 8260A	A-01
Surrogate: Dibromofluoromethane		*100 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*50-150*		"	"	"	"	
MW-4 (W908193-05) Water Sampled: 09-Aug-99 15:40 Received: 10-Aug-99 14:02									**O-04**
Methyl tert-butyl ether	ND	2.0	ug/l	1	9H25006	25-Aug-99	25-Aug-99	EPA 8260A	A-01
Surrogate: Dibromofluoromethane		*98.0 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*50-150*		"	"	"	"	
MW-5 (W908193-06) Water Sampled: 09-Aug-99 16:00 Received: 10-Aug-99 14:02									**O-04**
Methyl tert-butyl ether	ND	2.0	ug/l	1	9H25006	25-Aug-99	25-Aug-99	EPA 8260A	A-01
Surrogate: Dibromofluoromethane		*100 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*50-150*		"	"	"	"	
MW-2 (W908193-07) Water Sampled: 09-Aug-99 16:10 Received: 10-Aug-99 14:02									**O-04**
Methyl tert-butyl ether	ND	2.0	ug/l	1	9H25006	25-Aug-99	25-Aug-99	EPA 8260A	A-01
Surrogate: Dibromofluoromethane		*100 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*50-150*		"	"	"	"	
DUP MW-2 (W908193-08) Water Sampled: 09-Aug-99 16:10 Received: 10-Aug-99 14:02									**O-04**
Methyl tert-butyl ether	ND	2.0	ug/l	1	9H25006	25-Aug-99	25-Aug-99	EPA 8260A	A-01
Surrogate: Dibromofluoromethane		*100 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

404 N. Wiget Lane
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FAX (925) 988-9673

IT Corporation 757 Arnold Dr., Suite D Martinez CA, 94553	Project: Sears Project Number: Sears # 1039 Project Manager: Accounts Payable	**Reported:** 25-Aug-99 17:54

MTBE Confirmation by EPA Method 8260A - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9H25006: Prepared 25-Aug-99 Using EPA 5030B [P/T]										
Blank (9H25006-BLK1)										
Methyl tert-butyl ether	ND	2.0	ug/l							
Surrogate: Dibromofluoromethane	*50.0*		"	*50.0*		*100*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*49.0*		"	*50.0*		*98.0*	*50-150*			
LCS (9H25006-BS1)										
Methyl tert-butyl ether	49.0	2.0	ug/l	50.0		98.0	70-130			
Surrogate: Dibromofluoromethane	*49.1*		"	*50.0*		*98.2*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*51.1*		"	*50.0*		*102*	*50-150*			
LCS Dup (9H25006-BSD1)										
Methyl tert-butyl ether	62.5	2.0	ug/l	50.0		125	70-130	24.2	25	
Surrogate: Dibromofluoromethane	*49.7*		"	*50.0*		*99.4*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*55.2*		"	*50.0*		*110*	*50-150*			

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Dimple Sharma, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

IT Corporation 757 Arnold Dr., Suite D Martinez CA, 94553	Project: Sears Project Number: Sears # 1039 Project Manager: Accounts Payable	**Reported:** 25-Aug-99 17:54

Notes and Definitions

A-01	Sample contains significant 3-methyl-pentane.
O-04	This sample was analyzed outside the EPA recommended holding time.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Sharma

imple Sharma, Project Manager

[redacted] SEQUOIA ANALYTICAL CHAIN OF CUSTODY

[redacted]80 [redacted]apea[redacted]rive [redacted]dwo[redacted]y, C[redacted]063 [redacted]0) 3[redacted]00 [redacted](650[redacted]4-92[redacted] [redacted]
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
☒ 1404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
☐ 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342

Company Name: II	Project Name: SEARS #1039 1911 Oakland CA
Mailing Address: 757 ARNOLD DR. SUITE D	Billing Address (if different): W908193
City: MARTINEZ State: CA Zip Code: 94533	1176601 03054300
Telephone: (925) 370-3990 FAX #:	P.O. #:
Report To: MELISSA Sampler: Antonio	QC Data: ☐ Level D (Standard) ☐ Level C ☐ Level B ☐ Level A

Turnaround Time: ☐ 10 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 24 Hours ☐ 2 - 8 Hours ☒ AS CONTRACTED

☐ Drinking Water ☒ ~~Waste~~ WELL Water ☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Halogenated Hydrocarbons	BTEX MTBE TPHG	Oil + Grease	BTEX 8020						Comments
1. MW-2	8 14:58	GW	9	40ML	01A-I	X	X								MTBE DETECTIONS IN 8020 NEED CONFIRMATION BY 8260
2. MW-3	15:05		9		02A-I	X	X								Please Run as Needed
3. MW-7	15:15		9		03A-I	X	X								
4. MW-6	9 15:27		11	40ML 6 LITER	04A-J	X	X	X							
5. MW 4	15:40		11		05A-~~I~~ K	X	X								
6. MW-5	16:00		9	40ML	06A-I	X	X	~~X~~							NO OIL & GREASE
7. MW-2	16:		9		07A-~~I~~ K	X	X	X							
8. DUP-MW2	99 16:		3	40ML	08A-C				X						
9. TBLB	—	DI	1	40ML	09A				X						
10.															

Relinquished By: [signature]	Date: 8/ /99	Time:	Received By: [signature]	Date: 8/10	Time: 12:31
Relinquished By: [signature]	Date: 8/10	Time: 14:02	~~Received By:~~	~~Date:~~	Time:
Relinquished By:	~~Date:~~	~~Time:~~	Received By Lab: Ronald C. Jensen WC	Date: 8/10/99	Time: 14:02

Were Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☐ Yes ☐ No Method of Shipment______ Page __ of __

Pink - Client Yellow - Sequoia White - Sequoia

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

[redacted] 680 Chesapeake Drive, Redwood City, CA 94063 [redacted]) 364-9600 [redacted]650) [redacted]9233 [redacted]
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
☒ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
☐ 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342

Company Name: [illegible]	Project Name: SEACS #1039 1911 OAKLAND CA
Mailing Address: 757 ARNOLD DR. SUITE D	Billing Address (if different):
City: MARTINEZ State: CA Zip Code: 94533	1176601, 03054300
Telephone: 925 370-3990 FAX #:	P.O. #:
Report To: [illegible] Sampler: H Neuner	QC Data: ☐ Level D (Standard) ☐ Level C ☐ Level B ☐ Level A

Turnaround Time: ☐ 10 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☒ AS CONTRACTED ☐ 24 Hours

☐ Drinking Water ☐ WELL ☐ Waste Water ☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Comments
1. MW-1	8 14:58	GW	9	40ML		MTBE DETECTIONS IN SOLO NEED CONFIRMATION 134526
2. MW-3	15:05		9			
3. MW-7	15:15		9			PLEASE sign 95 included
4. MW-6	9 15:27		11	40ML &1LITER		
5. MW-4	15:40		11			
6. MW-5	16:00		9	40ML		NO OIL & GREASE
7. MW-2	16:10		9			
8. DUP-MW2	99 16:10		3	40ML		
9. TBLB	-		1	40ML		
10.						

Relinquished By: [illegible]	Date: 8/9/99	Time:	Received By: [illegible]	Date: 8/10	Time: 8:51
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

Were Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☐ Yes ☐ No Method of Shipment _____ Page __ of __

Pink - Client
Yellow - Sequoia
White - Sequoia

001
08/12/99 13:04