IT CORPORATION
A Member of The IT Group

ENVIRONMENTAL PROTECTION

99 APR 13 PM 2:57

STO 1630

Transmittal Letter

Date: April 12, 1999

To: Mr. Thomas Peacock

Company: Alameda County, Health Care Services Agency

Address: 1131 Harbor Bay Parkway, Suite 250

City: Alameda State/Zip: California 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 Mr. Klettke,

Enclosed is the First 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 or comments, please call me at (925) 370-3990 extension 266.

Sincerely,
IT CORPORATION

Melissa Gossell
West Zone Project Manager

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

KLET2LT.WPD

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

March 19, 1999

Mr. Dale Klettke, CHMM
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 1999, Groundwater Monitoring and Sampling Report
Sears 1039; 1901-1911 Telegraph Avenue, Oakland, California
IT Corporation Project 1176601

Dear Mr. Klettke:

On behalf of Sears, Roebuck and Co., IT Corporation (formerly Fluor Daniel GTI, Inc.) presents the quarterly groundwater monitoring and sampling data collected on February 8, 1999, from the above referenced 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), methyl tert-butyl ether (MTBE), and total petroleum hydrocarbons as gasoline (TPH-g) using EPA Methods 8020/8015 modified, and halogenated hydrocarbons using EPA Method 8010. Additionally, wells MW-4 and MW-6 were analyzed for total oil and grease (SM5520 C&F).

Static groundwater levels for the first quarter 1999 ranged from 76.94 to 77.79 feet above mean sea level (14.5-18.07 feet below top of casing). Groundwater elevations have increased by 0.2 foot since fourth quarter 1998 (November 9, 1998). The apparent groundwater flow is to the east at an average hydraulic gradient of 0.005 ft/ft, and is consistent with previous quarterly data.

Results of quarterly sampling indicate detectable concentrations of BTEX and TPH-g in monitoring wells MW-2, MW-4, MW-5 (no reported TPH-g), and MW-7. MTBE was reported in monitoring wells MW-2, MW-5, and MW-7. Monitoring wells MW-1, MW-2, MW-3, MW-6, and MW-7 contained

detectable concentrations of halogenated volatile organics. 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. Laboratory reports and chain-of-custody documents are provided in attachment 5.

Hydrocarbon concentrations have generally declined since monitoring began in 1995. The gradient and apparent flow direction have remained stable, and the groundwater plume has remained on-site, with the highest concentrations near the former Chevron pump islands and tank pit. Based on the data from the first quarter 1999 groundwater sampling event, continued monitoring of the on-site dissolved-phase plume will be conducted.

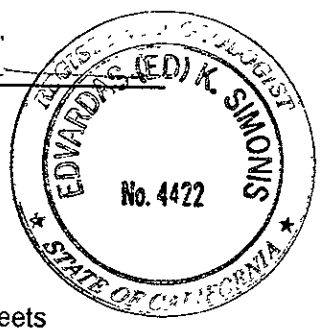
If you have comments or questions, please contact me at (925) 370-3990 extension 266.

Sincerely,
IT CORPORATION
Submitted by:

Melissa Gossell
West Zone Project Manager

IT CORPORATION
Approved by:

Ed K. Simonis, R.G.
Senior Geologist



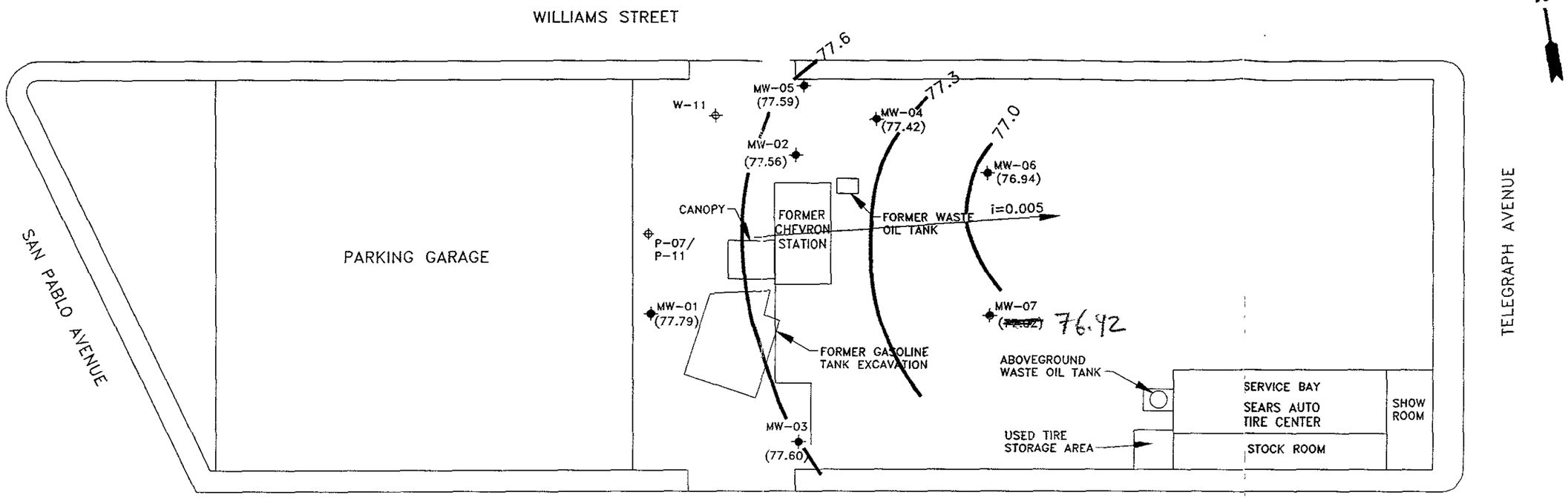
Attachments:

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

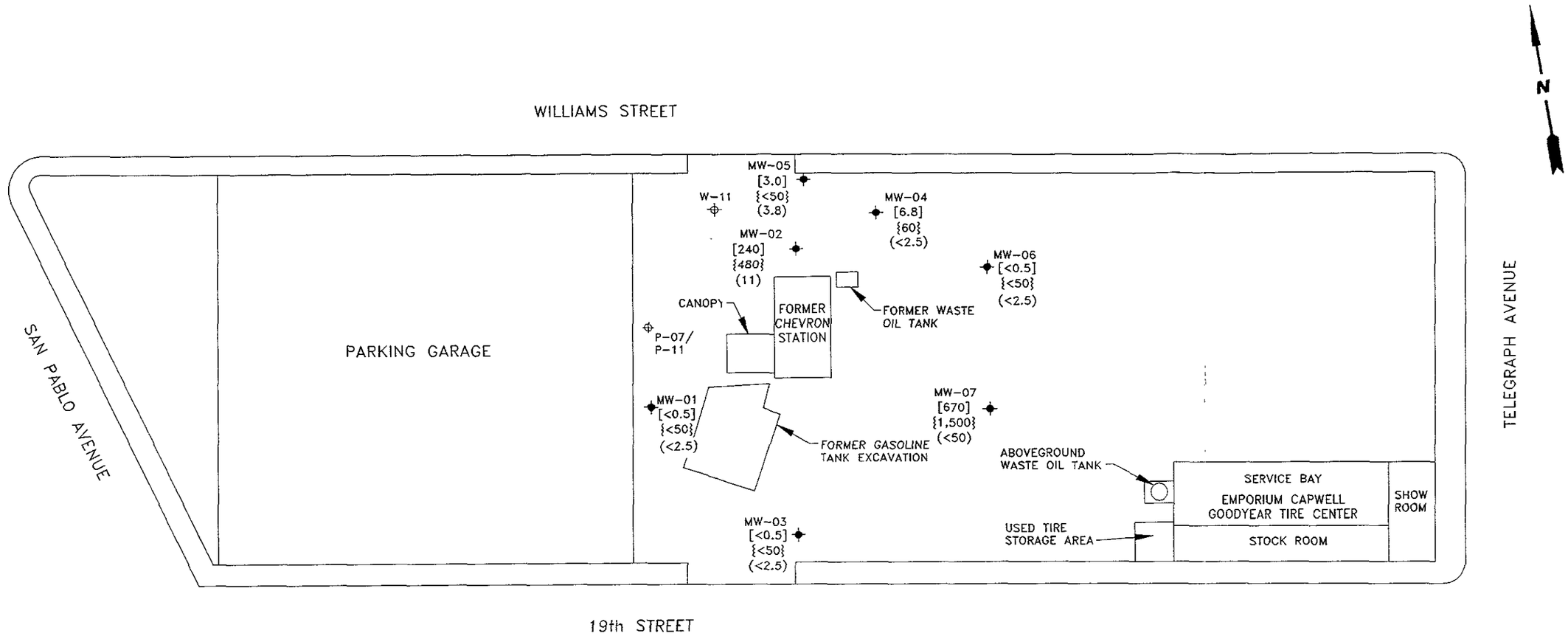
- MONITORING WELL
- SOIL PROBE
- ( ) POTENTIOMETRIC SURFACE ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- POTENTIOMETRIC SURFACE CONTOUR; INTERVAL = 0.3 FT
- GROUNDWATER FLOW DIRECTION AND i=0.005 AVERAGE GRADIENT (ft/ft)

IT CORPORATION

0 FEET 50
SCALE

POTENTIOMETRIC SURFACE MAP (GAUGED 2/8/99)

CLIENT:	SEARS, ROEBUCK & CO. SITE NO. 1039
LOCATION:	1901–1911 TELEGRAPH AVENUE OAKLAND, CALIFORNIA
ACAD FILE: PSM0299	PROJECT NO.: 1176601
REV.: 1	
DES.: MM / DET.: DL	DATE: 3/8/99
PM:	PE/RG:
	FIGURE: 1



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)

IT CORPORATION

0 FEET 50
SCALE

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

CLIENT:	SEARS, ROEBUCK & CO. SITE NO. 1039
LOCATION:	1901-1911 TELEGRAPH AVENUE OAKLAND, CALIFORNIA
ACAD FILE: TPH0299	PROJECT NO.: 1176601
REV.: 1	
DES.: BP / DET.: DL / DATE: 3/8/99	FIGURE: 2
PM:	PE/RG: EEI

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
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
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
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

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-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
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
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

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

TABLE 2
Summary of Historical Groundwater Analyses
(All results expressed in parts per billion)

Sears Store 1039
1911 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	MTBE	Benzene	Toulene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TCE (5)	1,2-DCA (0.5)	cis-1,2 DCE (6)	1,1-DCE (5)	Oil/ GREASE	PCE (5 ⇒ Calif. MCLs (ppb))
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
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
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 parts per billion)

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
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
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
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 parts per billion)

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
								5ppb	0.5	6	5	5	← Cali/MCLs (ppb)
MW-6 (cont'd)	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
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

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
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.

SITE VISIT FORM
Fluor Daniel GTI - Martinez, California

Project: 1176501.00 Technician: J Merino
Site: SEARS/1039/Oakland, CA Scheduled: 2/08/99
Project Mgr: Melissa Gossell Site Mgr: Jennie Pinocci

PREPARATORY COMMENTS

Visit Date: 2/8/99 Arrival Time: 10:30 Departure Time: 14:00

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

Called PM? (Y/N) Time: ____ Who: Ned Topic: OTHER SEARS TELEGRAPH

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, Ned Borglin

NOTIFY: Jennie Pinocci 48 hrs. in advance (510) 444-7662. (She will insure that wells are not covered). 2/4/99 @ 8:50 am

Notify Tom Peacock 72 hrs. in advance (510) 567-6782. DONE: left message 2/4/99 8:45 am JMerino

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.

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

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).

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

SITE VISIT FORM
Fluor Daniel GTI - Martinez, California

Project: 1176601.00 Technician: J Mercado
Site: SEARS/1039/Oakland, CA Scheduled: 2/08/99
Project Mgr: Melissa Gossell Site Mgr: Jennie Pinocci

GROUNDWATER SAMPLING (Continued) - Task Nr: 030543 [Quarterly]

Haz).

5. Submit samples to Sequoia Analytical in Redwood City, ph. # (650) 364-9600, 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).

6. COMPLETED ALL THREE PAGES OF WASTE 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

4 DRUMS INSIDE GARAGE, EMPLOYEES WOULD LIKE THEM REMOVED ASAP

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

SITE VISIT FORM
FLUOR DANIELGTI

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

Technician: A Merino
Schedule:
Job No. 1176601.03054300

TECHNICIAN'S COMMENTS

TOTAL HOURS ESTIMATED: HOURS USED:

TRAVEL TIME ESTIMATED: TRAVEL TIME USED:

TECHNICIAN

SITE VISIT FORM
FLUOR DANIEL GTI

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

Technician: H Merino
Schedule:
Job No. 1176601.03054300

WELL WATER SAMPLING - TASK Nr: 030543 [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 16.55	SAT. THICK___	#GAL. BAILED_____
MW-2:	DTB_24.10	DTW 16.38	SAT. THICK___	#GAL. BAILED_____
MW-3:	DTB_27.75	DTW 18.07	SAT. THICK___	#GAL. BAILED_____
MW-4:	DTB_23.55	DTW 14.57	SAT. THICK___	#GAL. BAILED_____
MW-5:	DTB_25.10	DTW 14.50	SAT. THICK___	#GAL. BAILED_____
MW-6:	DTB_26.75	DTW 15.21	SAT. THICK___	#GAL. BAILED_____
MW-7:	DTB_26.20	DTW 16.94	SAT. THICK___	#GAL. BAILED_____

NOTES:

4 DRUMS INSIDE GARAGE
EMPLOYEES WOULD LIKE THEM
REMOVED! ASAP

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: 2-8-99
Page 1 of 7
Project Manager: Melissa Gossell

Well ID: MW-3
Well Diameter: 4

DTW Measurements:
Initial: 18.07
Recharge:
DTB: 27.75

Calc Well Volume: 6.3 gal
Well Volume: X3 18.9 gal

Purge Method
Peristaltic
Gear Drive
Submersible X

Pump Depth ft.
Hand Bailed
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:
Other:

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Purge Volume Gallons	Turbidity	Comments
10:43	19.9	0.68	6.23	6	CLOUDY	DRY @ 6 gallons
11:00	20.0	0.67	6.27	13	↓	Restart @ 10:55 AM DRY @ 13gal
				19		

CALABRATED YSI TO 7+4 BUFFER SOLUTION ON 2/8/99 @ 10:30

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

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

Well ID: MW-1
Well Diameter: 2

DTW Measurements:
Initial: 16.55
Recharge: _____
DTB: 24.25

Calc Well Volume: 12 gal
Well Volume: x3 37 gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible x

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

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

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Purge Volume Gallons	Turbidity	Comments
11:15	19.8	0.65	6.26	1	cloudy	
11:16	19.9	0.66	6.26	2	↓	
11:17	20.0	0.66	6.25	3		
11:18	20.1	0.67	6.24	4	↓	DRY @ 4 GALLONS

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

Date: 2-8-99
Page 3 of 7
Project Manager: Melissa Gossell

Well ID: MW-6
Well Diameter: 2

DTW Measurements:
Initial: 15.21
Recharge:
DTB: 26.75

Calc Well Volume: 1.8 gal
Well Volume: x3 5.6 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 X C / F	Conductivity (mmhos/cm)	pH	Purge Volume Gallons	Turbidity	Comments
11:29	20.2	1.64	6.31	1	Cloudy BROWN	
11:30	20.8	1.67	6.52	2	↓	
11:31	20.9	1.66	6.51	3		
11:32	20.9	1.67	6.53	4	↓	DTW 4 gallons
				5		
				6		

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

Date: 2-8-99
Page 4 of 7
Project Manager: Melissa Gossell

Well ID: MW-4
Well Diameter: 4

DTW Measurements:
Initial: 14.57
Recharge:
DTB: 23.55

Calc Well Volume: 5.8 gal
Well Volume: X3 17.5 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	Purge Volume Gallons	Turbidity	Comments
11:45	20.7	1.58	6.61	6 5	cloudy	
11:49	21.1	1.49	6.58	13	↓	DRY @ 13 GALLONS
				18		

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

Date: 2-8-99
Page 5 of 7
Project Manager: Melissa Gossell

Well ID: MW 5
Well Diameter: 2

DTW Measurements:
Initial: 14.50
Recharge:
DTB: 25.10

Calc Well Volume: 1.7 gal
Well Volume X3 5.1 gal

Purge Method
Peristaltic
Gear Drive
Submersible X

Pump Depth ft.
Hand Bailed
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:
Other:

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Purge Volume Gallons	Turbidity	Comments
12:00	20.8	2.19	6.63	1	Cloudy	
12:01	21.7	2.18	6.64	2	↓	
12:02	21.9	2.10	6.67	3	↓	DRY @ 3 GALLONS
				4		
				5		

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

Date: 2-8-99
Page 6 of 7
Project Manager: Melissa Gossell

Well ID: MW-2
Well Diameter: 4

DTW Measurements:
Initial: 16.38
Recharge:
DTB: 24.10

Calc Well Volume: 5.0 gal
Well Volume: X3 15.0 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	Purge Volume Gallons	Turbidity	Comments
12:14	20.6	2.18	6.54	5	cloudy	
12:18	21.3	2.21	6.48	10	↓	DRY @ 10 gallons
				15		

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

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

Well ID: MW-7
Well Diameter: 2

DTW Measurements:
Initial: 16.94 Calc Well Volume: 1.5 gal
Recharge: Well Volume: 3 4.5 gal
DTB: 26.00

Purge Method
Peristaltic
Gear Drive
Submersible S

Pump Depth ft.
Hand Bailed
Air Lift
Other

Instruments Used
YSI: Y
Hydac:
Omega:
Other:

Time	Temp C / F	Conductivity (mmhos/cm)	pH	Purge Volume Gallons	Turbidity	Comments
12:36	21.0	1.70	6.50	1	CLOUDY	BROWN
12:37	21.1	1.74	6.52	2		
12:38	21.5	1.70	6.50	3	↓	DUP @ 3 gallons
				4		
				5		

DRUMMED MATERIAL INVENTORY FORM

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

Sears Facility Contact and Phone #

Fluor Daniel GTI Representative W Merino

Accumulation Start Date 2-8-99 Completion Date: 2-8-99

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	D, E, F	O or B	H / N / U	Black & White
GASOLINE TANK BOTTOMS/SLUDGE			O or B	H / N / U	
GASOLINE IMPACTED DEBRIS			O or B	H / N / U	
GASOLINE IMPACTED SOIL			O or B	H / N / U	
FUEL OIL (INC. DIESEL & HEATING OIL)			O or B	H / N / U	
FUEL OIL/WATER MIXTURE			O or B	H / N / U	
FUEL OIL IMPACTED PURGE WATER			O or B	H / N / U	
FUEL OIL TANKS BOTTOMS/SLUDGE			O or B	H / N / U	
FUEL OIL IMPACTED DEBRIS			O or B	H / N / U	
FUEL OIL IMPACTED SOIL			O or B	H / N / U	
HYDRAULIC FLUID			O or B	H / N / U	
HYDRAULIC FLUID/WATER MIXTURE			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED PURGE WATER			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED SLUDGE			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED DEBRIS			O or B	H / N / U	
HYDRAULIC FLUID IMPACTED SOIL			O or B	H / N / U	
USED OIL			O or B	H / N / U	
USED OIL/WATER MIXTURE			O or B	H / N / U	
USED OIL IMPACTED PURGE WATER			O or B	H / N / U	
USED OIL TANK BOTTOMS/SLUDGE			O or B	H / N / U	
USED OIL IMPACTED DEBRIS			O or B	H / N / U	
USED OIL IMPACTED SOIL			O or B	H / N / U	
CHLORINATED SOLVENT:			O or B	H / N / U	
NON-CHLORINATED SOLVENT:			O or B	H / N / U	
OTHER			O or B	H / N / U	
OTHER			O or B	H / N / U	
OTHER:			O or B	H / N / U	

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

DRUMMED MATERIAL INVENTORY FORM

Store Number 1039 City/State Oakland CA

Fluor Daniel GTI Representative Herrera

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)
C	8/10/98	PURGE WATER	GROUNDWATER WELL	NO	55
D	8/10/98	↓	↓	↓	55
E	11/9/98				55
F	2/8/99				55

EXAMPLE

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

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

BULK MATERIAL INVENTORY FORM

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

Sears Facility Contact and Phone # _____

Fluor Daniel GTI Representative H Mucino

Accumulation Start Date 2/8/99 Completion Date 2/8/99

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

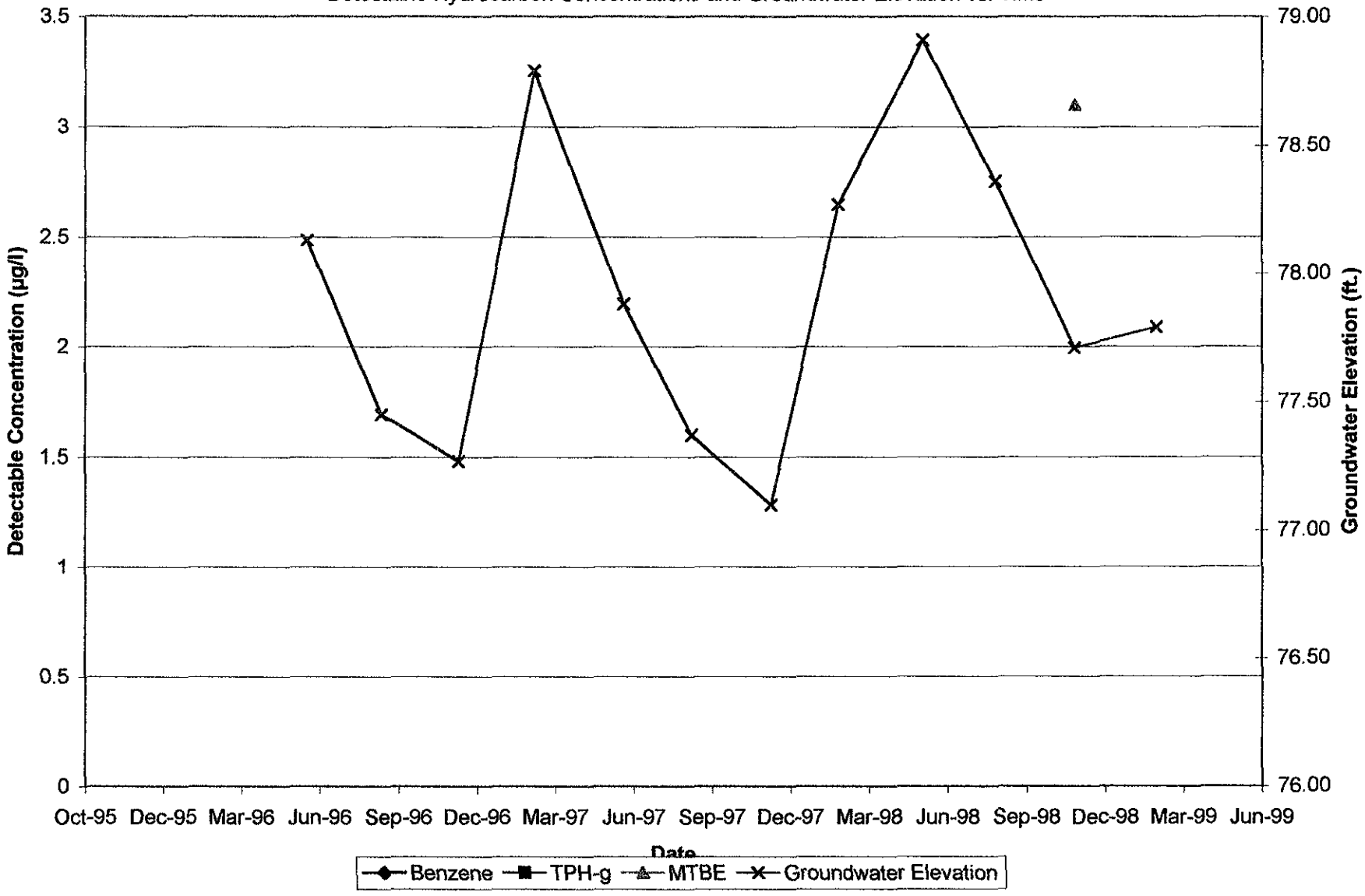
Calculation for a conical (cone) shaped soil pile:

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

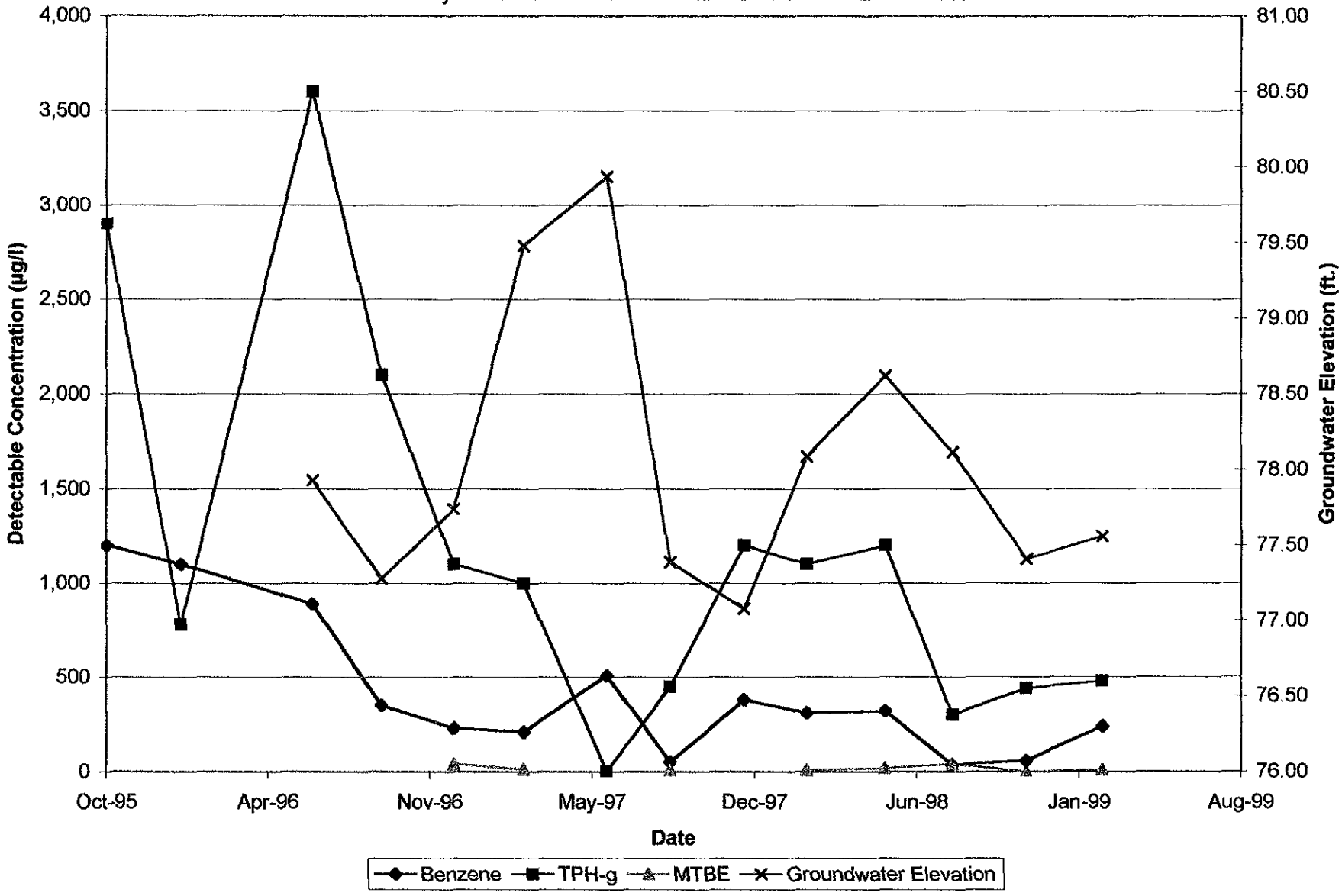
Attachment 4

Graphs

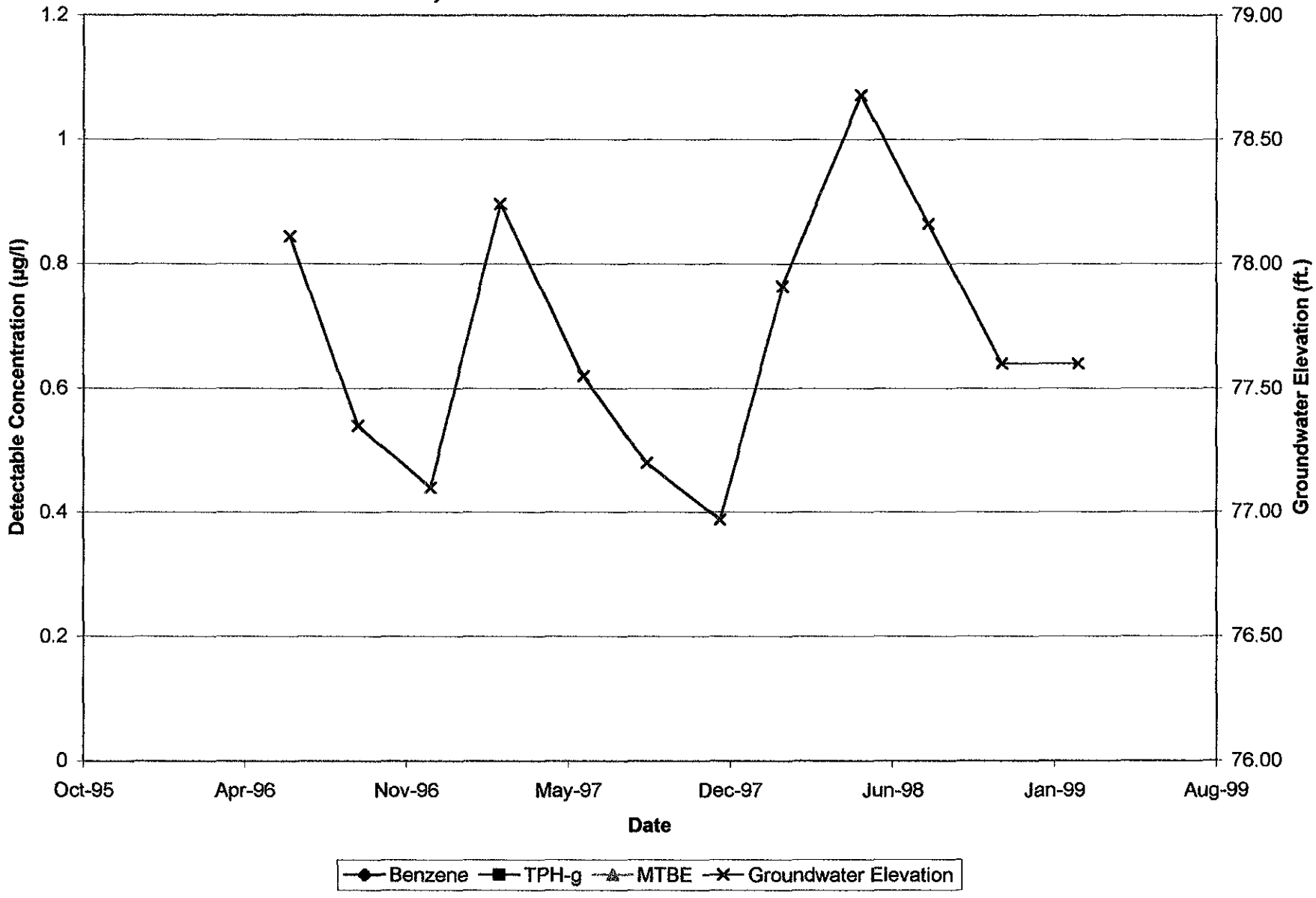
Graph 1, MW-1
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



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

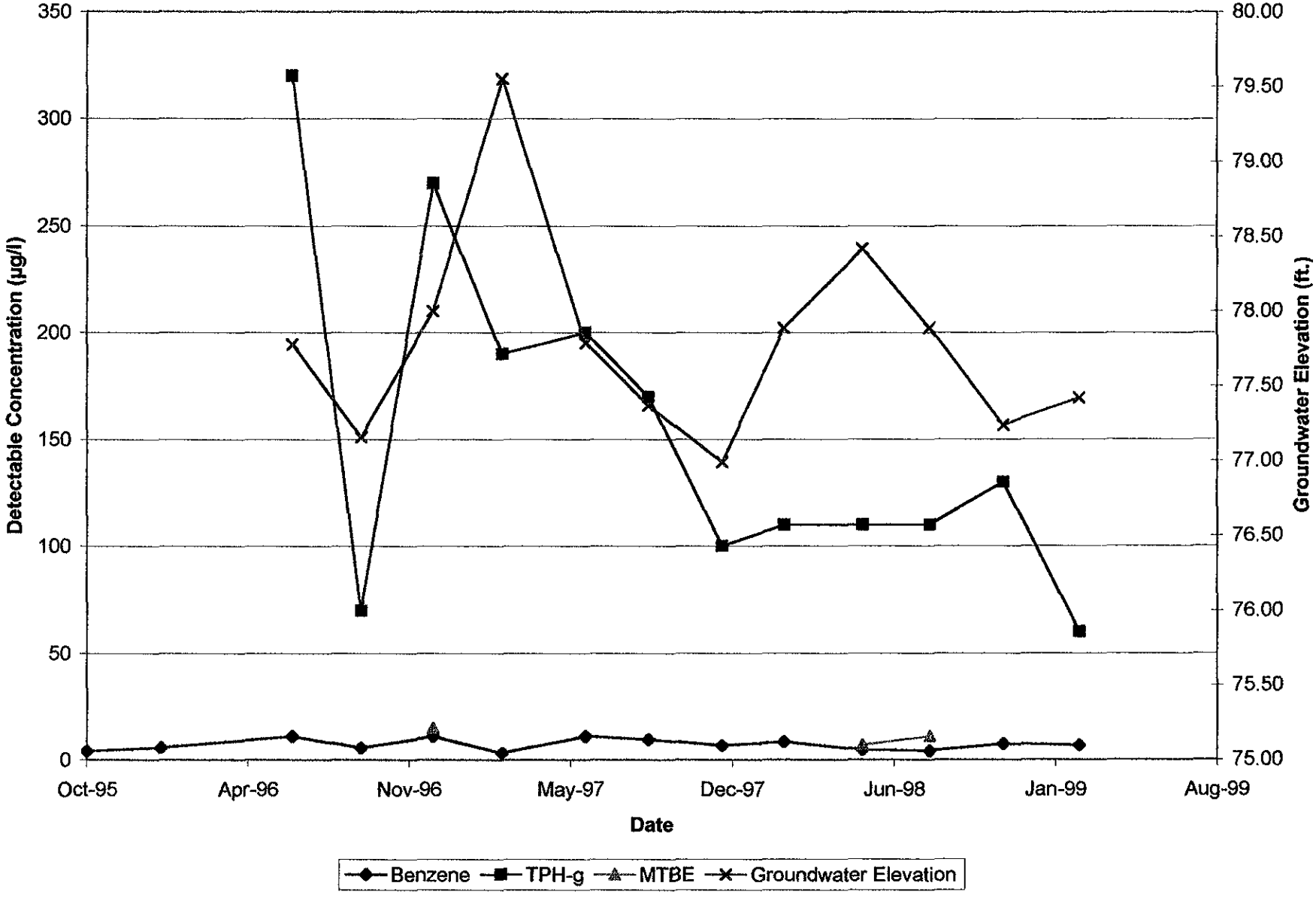


NOTE:
No detectable Benzene, TPH-g, or MTBE

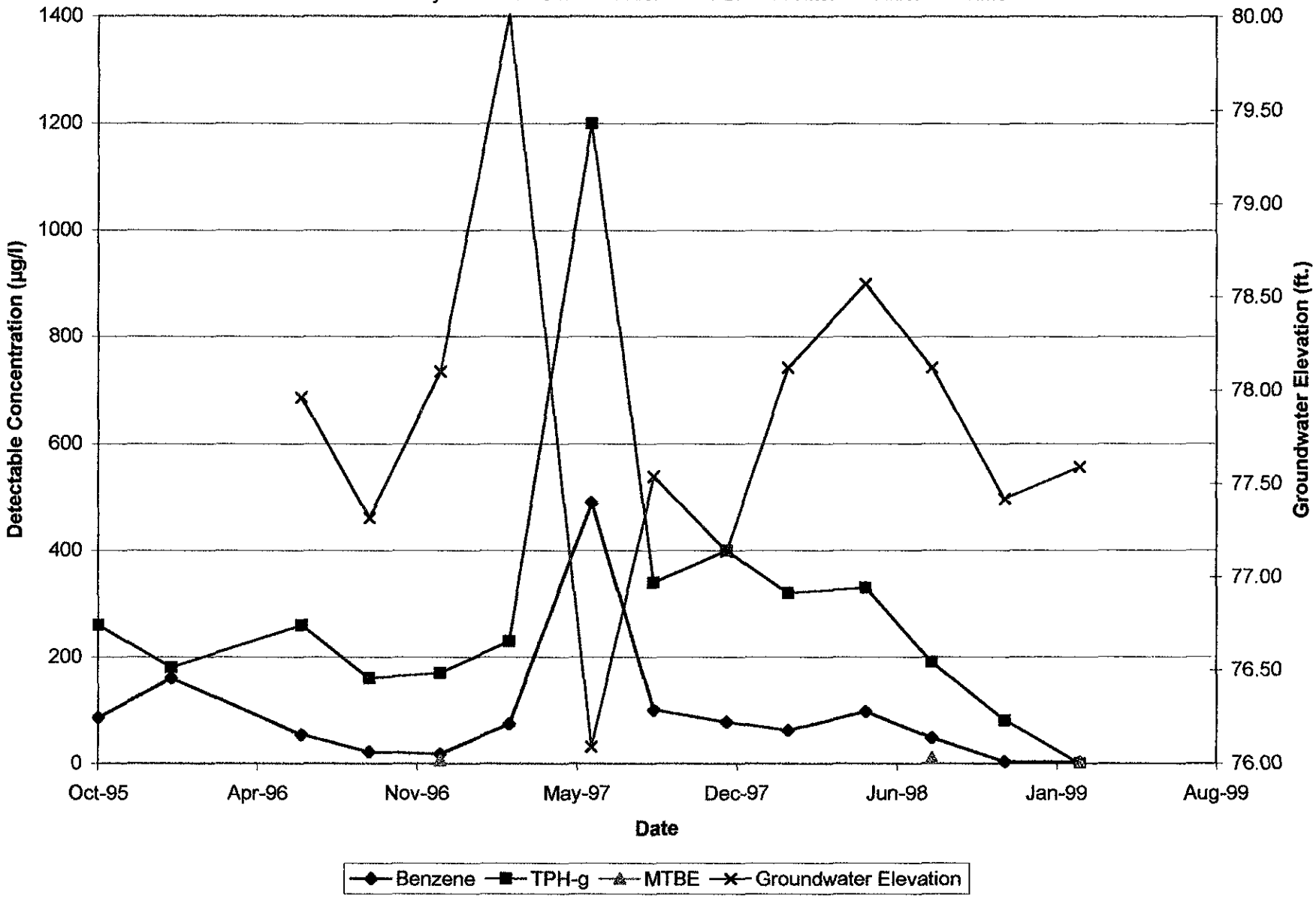
1039Q1HYD4.XLS

IT CORPORATION

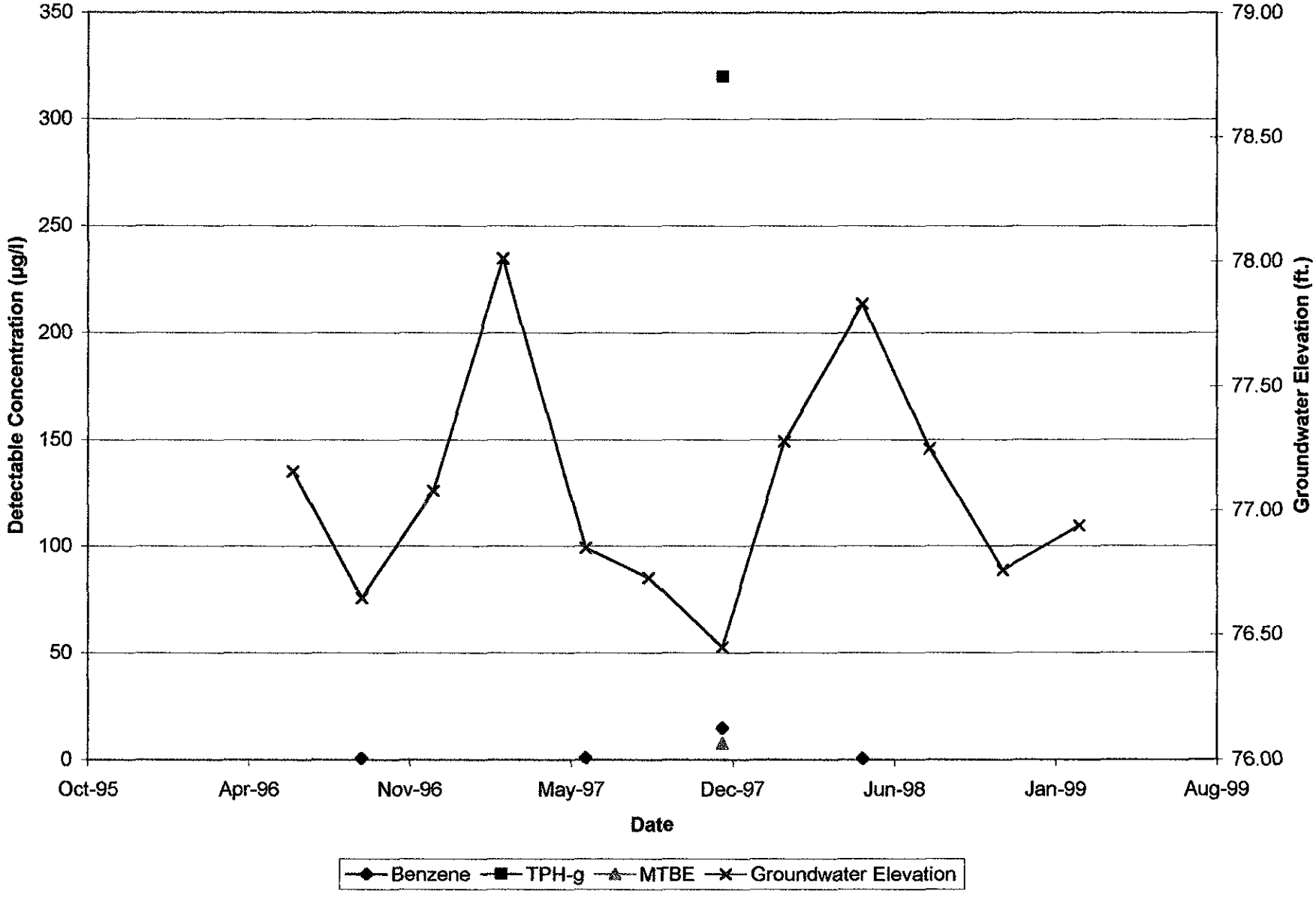
Graph 4, MW-4
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



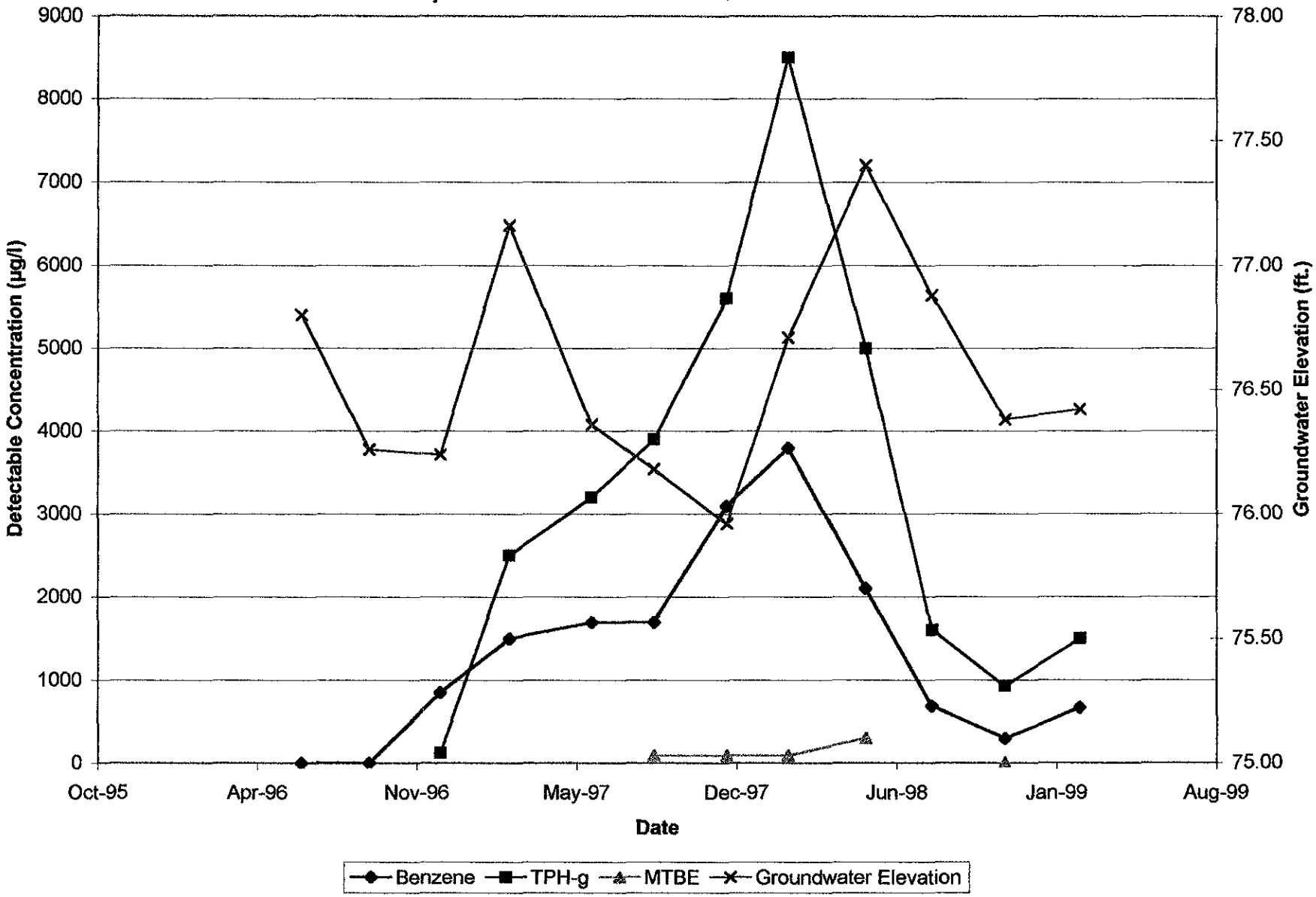
Graph 5, MW-5
Sears Store No. 1039, 1911 Telegraph Avenue,
Oakland, California
Detectable Hydrocarbon Concentrations and Groundwater Elevation vs. Time



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

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342
1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

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

Attention: Ned Borglin

Client Proj. ID: Sears/Telegraph #1039
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8010
Lab Number: 9902651-01

Sampled: 02/08/99
Received: 02/10/99

Analyzed: 02/17/99
Reported: 02/26/99

QC Batch Number: GC021699OVOA29B
strument ID: GCHP29

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
,2-Dichlorobenzene	0.50	N.D.
,3-Dichlorobenzene	0.50	N.D.
,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
,2-Dichloroethane	0.50	N.D.
,1-Dichloroethene	0.50	N.D.
is-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
,2-Dichloropropane	0.50	N.D.
is-1,3-Dichloropropene	0.50	N.D.
rans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
,1,2,2-Tetrachloroethane	0.50	N.D.
etrachloroethene	**0.50**	**6.4**
,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
richlorofluoromethane	0.50	N.D.
inyl chloride	1.0	N.D.
Freon 113	1.0	N.D.

urrogates	Control Limits %		% Recovery
-Chloro-3-fluorobenzene	70	130	128

Analytes reported as N.D. were not present above the stated limit of detection.

EQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

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

Attention: Ned Borglin

Client Proj. ID: Sears/Telegraph #1039
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9902651-01

Sampled: 02/08/99
Received: 02/10/99

Analyzed: 02/16/99
Reported: 02/26/99

QC Batch Number: GC021699BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	92

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

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

Attention: Ned Borglin

Client Proj. ID: Sears/Telegraph #1039
Sample Descript: MW-1
Matrix: LIQUID
Analysis Method: EPA 8010
Lab Number: 9902651-02

Sampled: 02/08/99
Received: 02/10/99

Analyzed: 02/17/99
Reported: 02/26/99

QC Batch Number: GC021699OVOA29B
Instrument ID: GCHP29

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	**0.50**	**20**
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.
Freon 113	1.0	N.D.

Surrogates	Control Limits %		% Recovery
4-Chloro-3-fluorobenzene	70	130	125

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342
1551 Industrial Road, San Carlos, CA 94070-4117, (650) 232-9600, FAX (650) 232-9612

T Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-1	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/16/99
Attention: Ned Borglin	Lab Number: 9902651-02	Reported: 02/26/99

QC Batch Number: GC021699BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342
1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

[redacted]T Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-6	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 02/17/99
Attention: Ned Borglin	Lab Number: 9902651-03	Reported: 02/26/99

QC Batch Number: GC021699OVOA29B
[redacted]strument ID: GCHP29

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
[redacted]romoform	0.50	N.D.
[redacted]romomethane	1.0	N.D.
[redacted]arbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
[redacted]hloroethane	1.0	N.D.
[redacted]hloroform	0.50	N.D.
[redacted]hloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
[redacted],2-Dichlorobenzene	0.50	N.D.
[redacted],3-Dichlorobenzene	0.50	N.D.
[redacted],4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
[redacted],2-Dichloroethane	**0.50**	**1.2**
[redacted],1-Dichloroethene	0.50	N.D.
[redacted]is-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
[redacted],2-Dichloropropane	0.50	N.D.
[redacted]is-1,3-Dichloropropene	0.50	N.D.
[redacted]rans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
[redacted],1,2,2-Tetrachloroethane	0.50	N.D.
[redacted]etrachloroethene	**0.50**	**0.86**
[redacted],1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
[redacted]Trichloroethene	0.50	N.D.
[redacted]richlorofluoromethane	0.50	N.D.
[redacted]inyl chloride	1.0	N.D.
Freon 113	1.0	N.D.

[redacted]urrogates	Control Limits %		% Recovery
[redacted]-Chloro-3-fluorobenzene	70	130	111

[redacted]alytes reported as N.D. were not present above the stated limit of detection.

[redacted]EQUOIA ANALYTICAL - ELAP #1210

[redacted]avid A. Pichette
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342
1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

PT Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-6	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/16/99
Attention: Ned Borglin	Lab Number: 9902651-03	Reported: 02/26/99

QC Batch Number: GC021699BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	93

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

T Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-4	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 02/17/99
Attention: Ned Borglin	Lab Number: 9902651-04	Reported: 02/26/99

QC Batch Number: GC021699OVOA29B
Instrument ID: GCHP29

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.
Freon 113	1.0	N.D.

Surrogates	Control Limits %		% Recovery
4-Chloro-3-fluorobenzene	70	130	108

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

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

Attention: Ned Borglin

Client Proj. ID: Sears/Telegraph #1039
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9902651-04

Sampled: 02/08/99
Received: 02/10/99

Analyzed: 02/16/99
Reported: 02/26/99

QC Batch Number: GC021699BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**60**
Methyl t-Butyl Ether	2.5	N.D.
Benzene	**0.50**	**6.8**
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Unidentified HC		**c6-c10**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

[redacted] Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-5	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 02/17/99
Attention: Ned Borglin	Lab Number: 9902651-05	Reported: 02/26/99

QC Batch Number: GC021699OVOA29B
Instrument ID: GCHP29

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.
Freon 113	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-3-fluorobenzene	70	130	114

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

T Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-5	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/18/99
Attention: Ned Borglin	Lab Number: 9902651-05	Reported: 02/26/99

QC Batch Number: GC021899BTEX30A
Instrument ID: GCHP30

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	**2.5**	**3.8**
Benzene	**0.50**	**3.0**
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

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IT Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-2	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 02/17/99
Attention: Ned Borglin	Lab Number: 9902651-06	Reported: 02/26/99

QC Batch Number: GC021799OVOA29B
Instrument ID: GCHP29

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	2.0	N.D.
Carbon Tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	2.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	1.0	N.D.
1,2-Dichloroethane	**1.0**	**35**
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	**1.0**	**1.4**
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	1.0	N.D.
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	**1.0**	**11**
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.
Freon 113	2.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-3-fluorobenzene	70	130	113

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

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[illegible] Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-2	Received: 02/10/99
[illegible]artinez, CA 94553	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/16/99
[illegible]ttention: Ned Borglin	Lab Number: 9902651-06	Reported: 02/26/99

QC Batch Number: GC021699BTEX02A
[illegible]trument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	480
[illegible]ethyl t-Butyl Ether	2.5	11
[illegible]enzene	0.50	240
[illegible]oluene	0.50	2.3
Ethyl Benzene	0.50	8.9
[illegible]ylenes (Total)	0.50	5.0
[illegible]hromatogram Pattern:		
Unidentified HC		c6-c12

Surrogates	Control Limits %		% Recovery
[illegible]rifluorotoluene	70	130	103

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

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T Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-7	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 02/17/99
Attention: Ned Borglin	Lab Number: 9902651-07	Reported: 02/26/99

QC Batch Number: GC021799OVOA29B
Instrument ID: GCHP29

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	1.2	N.D.
Bromoform	1.2	N.D.
Bromomethane	2.5	N.D.
Carbon Tetrachloride	1.2	N.D.
Chlorobenzene	1.2	N.D.
Chloroethane	2.5	N.D.
Chloroform	1.2	N.D.
Chloromethane	2.5	N.D.
Dibromochloromethane	1.2	N.D.
1,2-Dichlorobenzene	1.2	N.D.
1,3-Dichlorobenzene	1.2	N.D.
1,4-Dichlorobenzene	1.2	N.D.
1,1-Dichloroethane	1.2	N.D.
1,2-Dichloroethane	**1.2**	**74**
1,1-Dichloroethene	1.2	N.D.
cis-1,2-Dichloroethene	1.2	N.D.
trans-1,2-Dichloroethene	1.2	N.D.
1,2-Dichloropropane	1.2	N.D.
cis-1,3-Dichloropropene	1.2	N.D.
trans-1,3-Dichloropropene	1.2	N.D.
Methylene chloride	12	N.D.
1,1,2,2-Tetrachloroethane	1.2	N.D.
Tetrachloroethene	**1.2**	**3.4**
1,1,1-Trichloroethane	1.2	N.D.
1,1,2-Trichloroethane	1.2	N.D.
Trichloroethene	**1.2**	**5.5**
Trichlorofluoromethane	1.2	N.D.
Vinyl chloride	2.5	N.D.
Freon 113	2.5	N.D.

Surrogates	Control Limits %		% Recovery
4-Chloro-3-fluorobenzene	70	130	101

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

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H Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: MW-7	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/19/99
Attention: Ned Borglin	Lab Number: 9902651-07	Reported: 02/26/99

QC Batch Number: GC021999BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**1000**	**1500**
Methyl t-Butyl Ether	50	N.D.
Benzene	**10**	**670**
Toluene	10	N.D.
Ethyl Benzene	**10**	**14**
Xylenes (Total)	10	N.D.
Chromatogram Pattern:		
Unidentified HC		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	85

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
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n Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: DUP	Received: 02/10/99
artinez, CA 94553	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/19/99
ttention: Ned Borglin	Lab Number: 9902651-08	Reported: 02/26/99

QC Batch Number: GC021999BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**500**	**880**
ethyl t-Butyl Ether	25	N.D.
enzene	**5.0**	**310**
Toluene	5.0	N.D.
Ethyl Benzene	**5.0**	**11**
ylenes (Total)	**5.0**	**6.9**
hromatogram Pattern:		
Unidentified HC		**C6-C12**

Surrogates	Control Limits %		% Recovery
ifluorotoluene	70	130	93

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

IT Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: DUP	Received: 02/10/99
Martinez, CA 94553	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 02/18/99
Attention: Ned Borglin	Lab Number: 9902651-08	Reported: 02/26/99

QC Batch Number: GC021899OVOA29A
Instrument ID: GCHP29

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	2.0	N.D.
Carbon Tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	2.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	1.0	N.D.
1,2-Dichloroethane	**1.0**	**38**
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	**1.0**	**1.4**
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	1.0	N.D.
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	**1.0**	**9.3**
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.
Freon 113	2.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-3-fluorobenzene	70	130	127

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

[redacted] Corporation	Client Proj. ID: Sears/Telegraph #1039	Sampled: 02/08/99
757 Arnold Dr., Suite D	Sample Descript: TB/LB	Received: 02/10/99
[redacted]artinez, CA 94553	Matrix: LIQUID	
	Analysis Method: EPA 8020	Analyzed: 02/16/99
[redacted]ttention: Ned Borglin	Lab Number: 9902651-09	Reported: 02/26/99

QC Batch Number: GC021699BTEX02A
In[redacted]rument ID: GCHP02

BTEX Distinction

[redacted]nalyte	Detection Limit ug/L	Sample Results ug/L
Benzene	0.50	N.D.
[redacted]oluene	0.50	N.D.
[redacted]thyl benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.

[redacted]urrogates	Control Limits %		% Recovery
[redacted]ifluorotoluene	70	130	82

Analytes reported as N.D. were not present above the stated limit of detection.

S[redacted]EQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

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IT Corporation
757 Arnold Dr., Suite D
Martinez
Attention: Ned Borglin

Client Project ID: Sears/Telegraph 1039

QC Sample Group: 9902651

Reported: Mar 1, 1999

QUALITY CONTROL DATA REPORT

Matrix: Liquid
Method: EPA 8010/601
Analyst: C Hankermeyer

ANALYTE	1,1-DCE	TCE	Chlorobenzene
QC Batch #:	GC0216990VOA29B		
Sample No.:	9902635-02		
Date Prepared:	2/16/99	2/16/99	2/16/99
Date Analyzed:	2/17/99	2/17/99	2/17/99
Instrument I.D.#:	GCHP29	GCHP29	GCHP29
Sample Conc., ug/L:	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	50	50	50
Matrix Spike, ug/L:	41	55	54
% Recovery:	82	110	108
Matrix Spike Duplicate, ug/L:	37	52	52
% Recovery:	74	104	104
Relative % Difference:	10	5.6	3.8
RPD Control Limits:	0-50	0-50	0-50

LCS Batch#:	VWLCS021699A		
Date Prepared:	2/16/99	2/16/99	2/16/99
Date Analyzed:	2/16/99	2/16/99	2/16/99
Instrument I.D.#:	GCHP29	GCHP29	GCHP29
Conc. Spiked, ug/L:	25	25	25
Recovery, ug/L:	20	22	22
LCS % Recovery:	80	88	88

Percent Recovery Control Limits:

MS/MSD	70-140	70-140	70-140
LCS	65-135	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

David A. Pichette
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.

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IT Corporation
757 Arnold Dr., Suite D
Martinez
Attention: Ned Borglin

Client Project ID: Sears/Telegraph 1039

QC Sample Group: 9902651

Reported: Mar 1, 1999

QUALITY CONTROL DATA REPORT

Matrix: Liquid
Method: EPA 8010/601
Analyst: C Hankermeyer

ANALYTE	1,1-DCE	TCE	Chlorobenzene
QC Batch #:	GC0217990VOA29B		
Sample No.:	9902580-01		
Date Prepared:	2/17/99	2/17/99	2/17/99
Date Analyzed:	2/18/99	2/18/99	2/18/99
Instrument I.D.#:	GCHP29	GCHP29	GCHP29
Sample Conc., ug/L:	N.D.	29	N.D.
Conc. Spiked, ug/L:	25	25	25
Matrix Spike, ug/L:	19	41	19
% Recovery:	76	48	76
Matrix Spike Duplicate, ug/L:	24	44	24
% Recovery:	96	60	96
Relative % Difference:	23	22	23
RPD Control Limits:	0-50	0-50	0-50

LCS Batch#:	VWLCS021799A		
Date Prepared:	2/17/99	2/17/99	2/17/99
Date Analyzed:	2/17/99	2/17/99	2/17/99
Instrument I.D.#:	GCHP29	GCHP29	GCHP29
Conc. Spiked, ug/L:	25	25	25
Recovery, ug/L:	19	20	20
LCS % Recovery:	76	80	80

Percent Recovery Control Limits:

MS/MSD	70-140	70-140	70-140
LCS	65-135	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

David A. Pichette
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.

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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

IT Corporation
757 Arnold Dr., Suite D
Martinez
Attention: Ned Borglin

Client Project ID: Sears/Telegraph 1039

QC Sample Group: 9902651

Reported: Mar 1, 1999

QUALITY CONTROL DATA REPORT

Matrix: Liquid
Method: EPA 8010/601
Analyst: C Hankermeyer

ANALYTE	1,1-DCE	TCE	Chlorobenzene
QC Batch #:	GC0218990VOA29A		
Sample No.:	9902580-01		
Date Prepared:	2/17/99	2/17/99	2/17/99
Date Analyzed:	2/18/99	2/18/99	2/18/99
Instrument I.D.#:	GCHP29	GCHP29	GCHP29
Sample Conc., ug/L:	N.D.	32	N.D.
Conc. Spiked, ug/L:	25	25	25
Matrix Spike, ug/L:	19	41	19
% Recovery:	76	36	76
Matrix Spike Duplicate, ug/L:	24	44	24
% Recovery:	96	48	96
Relative % Difference:	23	29	23
RPD Control Limits:	0-50	0-50	0-50

LCS Batch#:	VWLCS021899A		
Date Prepared:	2/18/99	2/18/99	2/18/99
Date Analyzed:	2/18/99	2/18/99	2/18/99
Instrument I.D.#:	GCHP29	GCHP29	GCHP29
Conc. Spiked, ug/L:	25	25	25
Recovery, ug/L:	24	25	24
LCS % Recovery:	96	100	96

Percent Recovery Control Limits:

MS/MSD	70-140	70-140	70-140
LCS	65-135	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

David A. Pichette
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.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

IT Corporation
757 Arnold Dr., Suite D
Martinez
Attention: Ned Borglin

Client Project ID: Sears/Telegraph 1039

QC Sample Group: 9902651

Reported: Mar 1, 1999

QUALITY CONTROL DATA REPORT

Matrix:	Liquid
Method:	EPA 8015
Analyst:	TLP
ANALYTE	Gasoline

QC Batch #: GC021999BTEX02A

Sample No.:	GW9902650-07
Date Prepared:	2/19/99
Date Analyzed:	2/19/99
Instrument I.D.#:	GCHP02
Sample Conc., ug/L:	N.D.
Conc. Spiked, ug/L:	250
Matrix Spike, ug/L:	290
% Recovery:	116
Matrix Spike Duplicate, ug/L:	250
% Recovery:	100
Relative % Difference:	15
RPD Control Limits:	0-25

LCS Batch#: GC021999BTEX02A

Date Prepared:	2/19/99
Date Analyzed:	2/19/99
Instrument I.D.#:	GCHP02
Conc. Spiked, ug/L:	250
LCS Recovery, ug/L:	220
LCS % Recovery:	88

Percent Recovery Control Limits:

MS/MSD	60-140
LCS	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

David A. Pichette
Project Manager

Please Note:
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IT Corporation
757 Arnold Dr., Suite D
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Attention: Ned Borglin

Client Project ID: Sears/Telegraph 1039

QC Sample Group: 9902651

Reported: Mar 1, 1999

QUALITY CONTROL DATA REPORT

Matrix:	Liquid			
Method:	EPA 8020			
Analyst:	BTF			
ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes
QC Batch #:	GC021899BTEX30A			
Sample No.:	GW9902793-08			
Date Prepared:	2/18/99	2/18/99	2/18/99	2/18/99
Date Analyzed:	2/18/99	2/18/99	2/18/99	2/18/99
Instrument I.D.#:	GCHP30	GCHP30	GCHP30	GCHP30
Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	10	10	10	30
Matrix Spike, ug/L:	9.7	9.4	9.3	28
% Recovery:	97	94	93	93
Matrix Spike Duplicate, ug/L:	9.9	9.6	9.5	28
% Recovery:	99	96	95	95
Relative % Difference:	2.0	2.1	2.1	2.1
RPD Control Limits:	0-25	0-25	0-25	0-25

LCS Batch#:	GC021899BTEX30A			
Date Prepared:	2/18/99	2/18/99	2/18/99	2/18/99
Date Analyzed:	2/18/99	2/18/99	2/18/99	2/18/99
Instrument I.D.#:	GCHP30	GCHP30	GCHP30	GCHP30
Conc. Spiked, ug/L:	10	10	10	30
LCS Recovery, ug/L:	9.8	9.5	9.3	28
LCS % Recovery:	98	95	93	93

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

David A. Pionette
Project Manager

Please Note:

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IT Corporation
757 Arnold Dr., Suite D
Martinez
Attention: Ned Borglin

Client Project ID: Sears/Telegraph 1039

QC Sample Group: 9902651

Reported: Mar 1, 1999

QUALITY CONTROL DATA REPORT

Matrix:	Liquid			
Method:	EPA 8020			
Analyst:	BTF			
ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes
QC Batch #:	GC021699BTEX02A			
Sample No.:	GW9902651-1MS			
Date Prepared:	2/16/99	2/16/99	2/16/99	2/16/99
Date Analyzed:	2/16/99	2/16/99	2/16/99	2/16/99
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02
Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	10	10	10	30
Matrix Spike, ug/L:	7.6	8.4	7.5	22
% Recovery:	76	84	75	74
Matrix Spike Duplicate, ug/L:	7.6	8.4	7.5	22
% Recovery:	76	84	75	74
Relative % Difference:	0.0	0.0	0.0	0.0
RPD Control Limits:	0-25	0-25	0-25	0-25

LCS Batch#:	GWLCS021699A			
Date Prepared:	2/16/99	2/16/99	2/16/99	2/16/99
Date Analyzed:	2/16/99	2/16/99	2/16/99	2/16/99
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02
Conc. Spiked, ug/L:	10	10	10	30
LCS Recovery, ug/L:	9.4	10	9.4	28
LCS % Recovery:	94	104	94	93

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

David A. Pichette
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.

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February 25, 1999

Dave Pichette
Sequoia - RC (Subbed In)
680 Chesapeake Dr.
Redwood City, CA 94063

RE: Dave Pichette/P902411

Dear Dave Pichette

Enclosed are the results of analyses for sample(s) received by the laboratory on February 17, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number 2245

Sequoia Analytical

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Sequoia - RC (Subbed In)	Project:	Dave Pichette	Sampled: 2/8/99
680 Chesapeake Dr.	Project Number:	9902651	Received: 2/17/99
Redwood City, CA 94063	Project Manager:	Dave Pichette	Reported: 2/25/99

ANALYTICAL REPORT FOR P902411

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-6	P902411-01	Water	2/8/99
MW-4	P902411-02	Water	2/8/99

Sequoia Analytical

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Sequoia - RC (Subbed In)	Project:	Dave Pichette	Sampled: 2/8/99
680 Chesapeake Dr.	Project Number:	9902651	Received: 2/17/99
Redwood City, CA 94063	Project Manager:	Dave Pichette	Reported: 2/25/99

Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-6			**P902411-01**				**Water**	
Oil & Grease	9020487	2/23/99	2/24/99	EPA 413.2	1.00	ND	mg/l	
MW-4			**P902411-02**				**Water**	
Oil & Grease	9020487	2/23/99	2/24/99	EPA 413.2	1.00	ND	mg/l	

Sequoia Analytical

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Sequoia - RC (Subbed In)	Project:	Dave Pichette	Sampled: 2/8/99
680 Chesapeake Dr.	Project Number:	9902651	Received: 2/17/99
Redwood City, CA 94063	Project Manager:	Dave Pichette	Reported: 2/25/99

Conventional Chemistry Parameters by APHA/EPA Methods/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9020487	**Date Prepared: 2/23/99**					**Extraction Method: 413.2 / 5520C Mod.**				
Blank	**9020487-BLK1**									
Oil & Grease	2/24/99			ND	mg/l	1.00				
LCS	**9020487-BS1**									
Oil & Grease	2/24/99	20.0		21.4	mg/l	80.0-120	107			
LCS Dup	**9020487-BSD1**									
Oil & Grease	2/24/99	20.0		21.6	mg/l	80.0-120	108	20.0	0.930	

Sequoia Analytical

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Sequoia - RC (Subbed In)	Project:	Dave Pichette	Sampled: 2/8/99
680 Chesapeake Dr.	Project Number:	9902651	Received: 2/17/99
Redwood City, CA 94063	Project Manager:	Dave Pichette	Reported: 2/25/99

Notes and Definitions

#	Note
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
Recov.	Recovery
RPD	Relative Percent Difference

SUB-CHAIN OF CUSTODY

SEQUOIA ANALYTICAL
680 CHESAPEAKE DRIVE
REDWOOD CITY, CA 94063
TEL415-364-9600 FAX415-364-9233

PROJECT SUBBED TO: PETALUMA

TAT REQUESTED: ☐ 24H ☐ 48H ☐ 72H ☐ 5D ☐ 10D

DUE DATE: 2/23/99

REPORT TO: DAVE PICHETTE

WORKORDER # 9902651

PROJECT NAME: GTI

FRACTION NUMBER	SAMPLE DESCRIPTION	MATRIX	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED: 413.2	REMARKS
03	MW-6	Li	1	Amb	2/8/99	X	9902411-01
04	MW-4	↓	↓	↓	↓	X	-02

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐ N/A

COOLER TEMPERATURE 5 °C

RELINQUISHED FROM SEQUOIA BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
	2/17/99			2-17	1400
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
	2-17	1600		2-17	1630
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME

SAMPLE CONDITION?

TEMP?

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

[redacted]680 [redacted]apel[redacted]rive[redacted]dwo[redacted]ty, C[redacted]063 [redacted]0) 3[redacted]600 [redacted](650[redacted]-92[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: IT	Project Name: SEAS TELEGRAPH # 1039
Mailing Address: 757 ARNOLD DR. SUITE D	Billing Address (if different):
City: MARTINEZ State: CA Zip Code: 94553	Job # 1176601.0305 4.300
Telephone: (925) 370-3990 FAX #: (925) 370-3991	P.O. #:
Report To: [redacted] Sampler: HECTOR MENDO	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 ☐ Wastewater ☐ Other

9902651

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	BTEX/MTBE (8020/8015m)	CHLORINATED HYDROCARBONS (8010)	BTEX 8020	OIL & GREASE	Comments
1. MW3	2 13:00	GW	6	40ML	01	X	X			
2. MW1	2 12:50				02	X	X			
3. MW6	13:10		8	GL LITER	03	X	X	X		
4. MW-4	13:20		8	GL LITER	04	X	X	X		
5. MW5	13:30				05	X	X			
6. MW2	8 13:34				06	X	X			
7. MW7	13:00				07	X	X			
8. DUP	13:35		3		08	X	X			
9. TBLB	99 —		1		09			X		
10.										

Pink - Client
Yellow - Sequoia
White - Sequoia

Relinquished By:	Date: 7.10.99	Time: 1230	Received By:	Date: 7.9.99	Time: 1230
Relinquished By:	Date: 7.10.99	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date: 7/10	Time: 1720

Were Samples Received in Good Condition? ☒ Yes ☐ No Samples on Ice? ☒ Yes ☐ No Method of Shipment: S

Page ___ of ___

Sequoia Analytical

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IT Corporation
757 Arnold Dr., Suite D
Martinez, CA 94553
Attention: Ned Borglin

Client Proj. ID: Sears Telegraph #1058
Lab Proj. ID: 9902692

Received: 02/12/99
Reported: 02/26/99

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 8 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

David A. Pichette
Project Manager

Sequoia Analytical

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

Attention: Ned Borglin

Client Proj. ID: Sears Telegraph #1058
Sample Descript: MW9
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9902692-01

Sampled: 02/10/99
Received: 02/12/99
Extracted: 02/17/99
Analyzed: 02/19/99
Reported: 02/26/99

QC Batch Number: GC0217990HBPEXA
Instrument ID: GCHP5B

Fuel Fingerprint : Motor Oil

Analyte	Detection Limit ug/L	Sample Results ug/L
Extractable HC as Motor Oil Chromatogram Pattern:	500	N.D.

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	83

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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IT Corporation
757 Arnold Dr., Suite D
Martinez, CA 94553

Attention: Ned Borglin

Client Proj. ID: Sears Telegraph #1058
Sample Descript: MW9
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9902692-01

Sampled: 02/10/99
Received: 02/12/99

Analyzed: 02/22/99
Reported: 02/26/99

QC Batch Number: GC022299BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	**52**
Methyl t-Butyl Ether	**2.5**	**3.5**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Unidentified HC		C6-C12

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	86

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

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

Attention: Ned Borglin

Client Proj. ID: Sears Telegraph #1058
Sample Descript: MW2
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9902692-02

Sampled: 02/10/99
Received: 02/12/99
Extracted: 02/17/99
Analyzed: 02/19/99
Reported: 02/26/99

QC Batch Number: GC0217990HBPEXA
Instrument ID: GCHP5B

Fuel Fingerprint : Motor Oil

Analyte	Detection Limit ug/L	Sample Results ug/L
Extractable HC as Motor Oil Chromatogram Pattern:	500	N.D.

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	114

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

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

Attention: Ned Borglin

Client Proj. ID: Sears Telegraph #1058
Sample Descript: MW2
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9902692-02

Sampled: 02/10/99
Received: 02/12/99

Analyzed: 02/22/99
Reported: 02/26/99

QC Batch Number: GC022299BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	**2.5**	**3.3**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	81

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

IT Corporation
757 Arnold Dr., Suite D
Martinez
Attention: Ned Borglin

Client Project ID: Sears Telegraph #1058

QC Sample Group: 9902692

Reported: Mar 1, 1999

QUALITY CONTROL DATA REPORT

Matrix:	Liquid
Method:	EPA 8015A
Analyst:	A. PORTER
ANALYTE	Diesel

QC Batch #: GC0217990HBPEXA

Sample No.:	9902667-01
Date Prepared:	2/17/99
Date Analyzed:	2/19/99
Instrument I.D.#:	GCHP5B
Sample Conc., ug/L:	N.D.
Conc. Spiked, ug/L:	1000
Matrix Spike, ug/L:	860
% Recovery:	86
Matrix Spike Duplicate, ug/L:	840
% Recovery:	84
Relative % Difference:	2.4
RPD Control Limits:	0-50

LCS Batch#: BLK021799AS

Date Prepared:	2/17/99
Date Analyzed:	2/19/99
Instrument I.D.#:	GCHP5B
Conc. Spiked, ug/L:	1000
Recovery, ug/L:	720
LCS % Recovery:	72

Percent Recovery Control Limits:

MS/MSD	50-150
LCS	60-140

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

David A. Pichette
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.

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IT Corporation
757 Arnold Dr., Suite D
Martinez
Attention: Ned Borglin

Client Project ID: Sears Telegraph #1058

QC Sample Group: 9902692

Reported: Mar 1, 1999

QUALITY CONTROL DATA REPORT

Matrix:	Liquid
Method:	EPA 8015
Analyst:	BTF
ANALYTE	Gasoline

QC Batch #: GC022299BTEX03A

Sample No.:	GW9902477-04MS
Date Prepared:	2/22/99
Date Analyzed:	2/22/99
Instrument I.D.#:	GCHP03
Sample Conc., ug/L:	N.D.
Conc. Spiked, ug/L:	250
Matrix Spike, ug/L:	250
% Recovery:	98
Matrix Spike Duplicate, ug/L:	270
% Recovery:	108
Relative % Difference:	9.7
RPD Control Limits:	0-25

LCS Batch#: GWLCS022299A

Date Prepared:	2/22/99
Date Analyzed:	2/22/99
Instrument I.D.#:	GCHP03
Conc. Spiked, ug/L:	250
LCS Recovery, ug/L:	280
LCS % Recovery:	112

Percent Recovery Control Limits:

MS/MSD	60-140
LCS	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

David A. Pichette
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.

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

☒ 680 Chesapeake Drive • Redwood City, CA 94063 • (650) 364-9600 FAX (650) 364-9233
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☐ 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342

Company Name: IT
Mailing Address: 757 ARNOLD DR. SUITE D
City: MARTINEZ State: CA Zip Code: 94553
Telephone: (925) 370-3990 FAX #: 370-3991
Report To: NED BORGLIN Sampler: JOHN KING

Project Name: SEARS TELEGRAPH #1058
Billing Address (if different):
JOB # 1176603, 03054302
P.O. #:
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
9902692

☐ Drinking Water
☐ Waste Water
☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPH-Motor Oil	BTEX/MTBE/TPH-G	Comments
1. MW9	12/10 12:40	GW	5	40ml VOA	01	X	X	
2. MW2	12/10 13:30	GW	5	"	02	X	X	
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								

Relinquished By: [signature] Date: 2/10/99 Time:
Relinquished By: [signature] Date: 2/12/99 Time:
Relinquished By: Date: Time:

Received By: [signature] Date: 2/12/99 Time: 11:59
Received By: Date: Time:
Received By Lab: [signature] Date: 2/12/99 Time: 1

Samples on Ice? ☐ Yes ☐ No Method of Shipment

Page ___ of ___

Pink - Client
Yellow - Sequoia
White - Sequoia