FLUOR DANIEL GTI

July 15, 1997

#1082

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

SUBJECT: Quarterly Groundwater Monitoring and Sampling Report
Former Sears Store 1058
2633 Telegraph Avenue, Oakland, California
Fluor Daniel GTI Project 020200281

Dear Mr. Klettke:

On behalf of Sears, Roebuck and Co., Fluor Daniel GTI, Inc. presents the quarterly groundwater monitoring data collected on June 9, 1997, from the site referenced above (attachment 1, figure 1). The ten groundwater monitoring wells were gauged to determine depth to groundwater and to check for the presence of separate-phase petroleum hydrocarbons in accordance with correspondence from the Alameda Health Care Services Agency dated May 1, 1996. A very thin layer of separate-phase hydrocarbons was detected in monitoring well MW-3 which is consistent with past measurements. Because only 0.04 foot of separate-phase hydrocarbons was detected in well MW-3, bailing of the product was not feasible during this site visit. A summary of groundwater monitoring data is presented in attachment 2, table 1.

After measuring depth to water, monitoring wells MW-1, MW-2, MW-3, MW-4, MW-8, MW-9 and EW-1 were purged and sampled. Wells MW-5, MW-6, and MW-7 are sampled only in the first and third quarters. Groundwater monitoring and sample collections protocol, and field data sheets are presented in attachment 3. The groundwater samples were analyzed for total petroleum hydrocarbons (TPH)-as-motor oil by modified EPA method 8015 (GC/FID), for benzene, toluene, ethyl-benzene, xylenes (BTEX), methyl tert-butyl ether (MTBE) and for TPH-as-gasoline by EPA methods 8020/modified 8015. A summary of the groundwater analytical results is presented in table 2. A distribution map of dissolved benzene, TPH-as-gasoline and TPH-as-motor-oil concentrations is presented as figure 2. Laboratory reports and chain-of-custody records are included in attachment 4.

757 Arnold Drive, Suite D / Martinez, CA 94553 USA (510) 370-3990 FAX (510) 370-3991

If you have any comments or questions, please contact me at (510) 370-3990.

Sincerely,
Fluor Daniel GTI, Inc.

Eileen Brennan
West Zone Project Manager

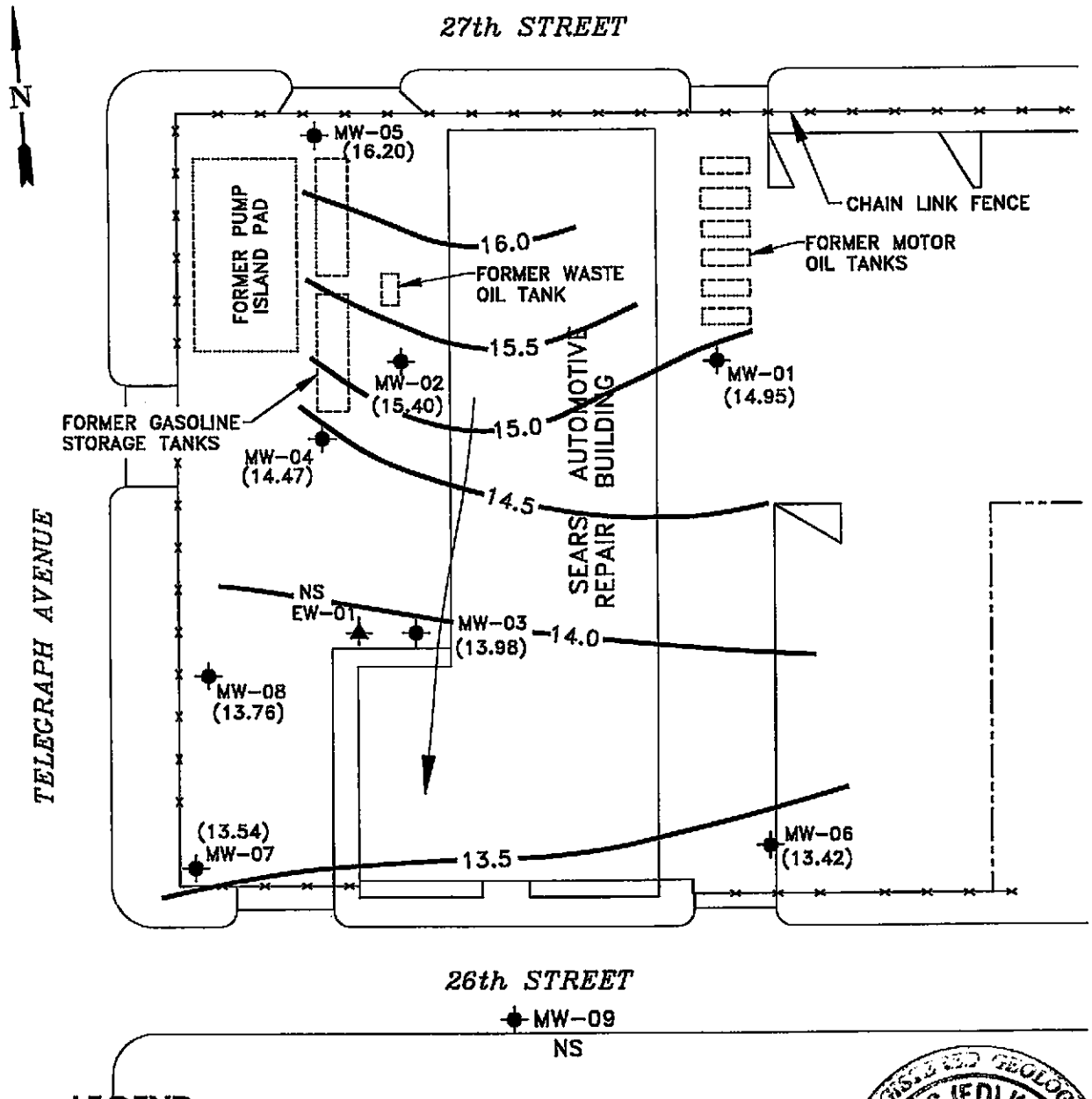
Attachments

cc: Scott M. DeMuth - Sears, Roebuck and Co.
Central Files, Lenexa, Kansas

ATTACHMENT 1

Figures

1. Potentiometric Surface Map (06/09/97)
2. Concentrations of Benzene, TPH-as-Gasoline and TPH-as-Motor Oil in Groundwater (06/09/97)



LEGEND

✦	MONITORING WELL
✦	EXTRACTION WELL
( )	POTENTIOMETRIC SURFACE ELEVATION (FT)
NS	NOT SURVEYED
SPH	SEPARATE-PHASE HYDROCARBONS
⌒	POTENTIOMETRIC SURFACE CONTOUR
←	GROUNDWATER FLOW DIRECTION

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

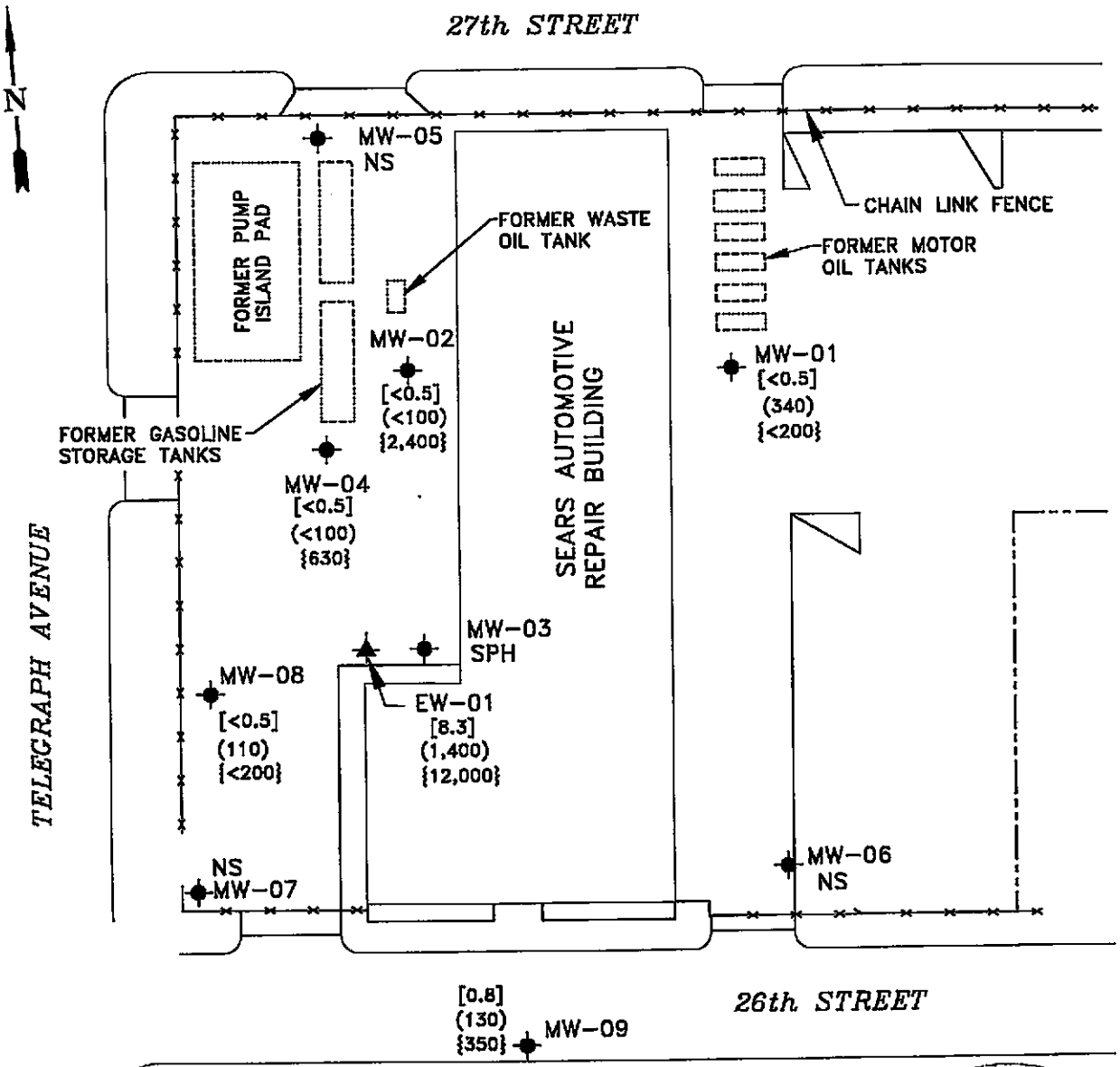
NOTE:
1. CONTOURS REPRESENT APPROXIMATE ELEVATIONS ABOVE MEAN SEA LEVEL.

FLUOR DANIEL GTI

0 FEET 40
SCALE

POTENTIOMETRIC SURFACE MAP (6/9/97)

CLIENT: SEARS, ROEBUCK AND CO. SITE NO. 1058	FILE: PSM6997 (1:40)	PROJECT NO.: 020200281	PM	PE/RG EVS
LOCATION: 2633 TELEGRAPH AVENUE OAKLAND, CALIFORNIA	REV.			FIGURE: 1
	DES. BPM	DET. ML	DATE: 7/1/97	



LEGEND

✦	MONITORING WELL
✦	EXTRACTION WELL
SPH	SEPARATE-PHASE HYDROCARBONS
NS	NOT SAMPLED
[ ]	BENZENE CONCENTRATIONS [ug/l]
( )	TPH-AS-GASOLINE (ug/l)
{ }	TPH-AS-MOTOR OIL {ug/l}

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

FLUOR DANIEL GTI

0 FEET 40
SCALE

CONCENTRATIONS OF BENZENE, TPH-AS GASOLINE & TPH-AS-MOTOR OIL IN GROUNDWATER (6/9/97)

CLIENT: SEARS, ROEBUCK AND CO. SITE NO. 1058	FILE: BEN6997	PROJECT NO.: 020200281		PM	PE/RG
LOCATION: 2633 TELEGRAPH AVENUE OAKLAND, CALIFORNIA	REV.				FIGURE: 2
	DES. BPM	DET. ML	DATE: 7/1/97		

ATTACHMENT 2

Tables

1. Summary of Historical Groundwater Monitoring Data
2. Summary of Historical Groundwater Sample Analyses

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elev.	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elev.
MW-1	26.20	12/30/92	10.60	--	--	15.60
		02/26/93	10.14	--	--	16.06
		03/24/93	10.48	--	--	15.72
		04/27/93	11.30	--	--	14.90
		05/28/93	11.43	--	--	14.77
		06/21/93	11.71	--	--	14.49
		07/22/93	11.87	--	--	14.33
		08/13/93	11.94	--	--	14.26
		09/16/93	12.05	--	--	14.15
		10/22/93	12.00	--	--	14.20
		11/03/93	12.10	--	--	14.10
		11/24/93	11.97	--	--	14.23
		12/01/93	11.46	--	--	14.74
		12/27/93	11.58	--	--	14.62
		01/05/94	11.69	--	--	14.51
		02/08/94	11.87	--	--	14.33
		03/09/94	11.08	--	--	15.12
		04/01/94	11.47	--	--	14.73
		05/10/94	10.77	--	--	15.43
		06/30/94	11.82	--	--	14.38
		07/28/94	11.90	--	--	14.30
		08/31/94	11.94	--	--	14.26
		09/27/94	12.04	--	--	14.16
		10/28/94	12.06	--	--	14.14
		11/15/94	10.02	--	--	16.18
		12/01/94	10.61	--	--	15.59
		01/04/95	9.93	--	--	16.27
		02/01/95	9.56	--	--	16.64
		03/08/95	10.51	--	--	15.69
		04/03/95	NM	NM	NA	NA
		05/18/95	10.80	--	--	15.40
		06/09/95	11.18	--	--	15.02
		07/13/95	11.27	--	--	14.93
		08/03/95	11.48	--	--	14.72
		08/29/95	11.56	--	--	14.64
		09/15/95	11.71	--	--	14.49
		10/20/95	11.80	--	--	14.40
		11/15/95	11.61	--	--	14.59
		01/15/96	11.21	--	--	14.99
		03/05/96	9.35	--	-	16.85
		04/19/96	10.60	--	--	15.60
		05/10/96	11.18	--	--	15.02
		06/03/96	10.90	--	--	15.30
		09/04/96	11.31	--	--	14.89
		12/02/96	10.61	--	--	15.59
		02/26/97	10.31	--	--	15.89
		06/09/97	11.25	--	--	14.95

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elev.	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elev.
MW-2	26.50	12/30/92	10.65	--	--	15.85
		02/26/93	10.56	--	--	15.94
		03/24/93	10.52	--	--	15.98
		04/27/93	11.17	--	--	15.33
		05/28/93	11.12	--	--	15.38
		06/21/93	11.41	--	--	15.09
		07/22/93	11.50	--	--	15.00
		08/13/93	11.54	--	--	14.96
		09/16/93	11.62	--	--	14.88
		10/22/93	11.57	--	--	14.93
		11/03/93	11.65	--	--	14.85
		11/24/93	11.52	--	--	14.98
		12/01/93	11.08	--	--	15.42
		12/27/93	11.27	--	--	15.23
		01/05/94	11.39	--	--	15.11
		02/08/94	11.49	--	--	15.01
		03/09/94	11.06	--	--	15.44
		04/01/94	11.25	--	--	15.25
		05/10/94	10.83	--	--	15.67
		06/30/94	11.44	--	--	15.06
		07/28/94	11.48	--	--	15.02
		08/31/94	11.56	--	--	14.94
		09/27/94	11.61	--	--	14.89
		10/28/94	11.65	--	--	14.85
		11/15/94	9.65	--	--	16.85
		12/01/94	10.71	--	--	15.79
		01/04/95	10.11	--	--	16.39
		02/01/95	10.38	--	--	16.12
		03/08/95	10.80	--	--	15.70
		04/03/95	10.61	--	--	15.89
		05/18/95	10.95	--	--	15.55
		06/09/95	11.13	--	--	15.37
		07/13/95	11.15	--	--	15.35
		08/03/95	11.26	--	--	15.24
		08/29/95	11.32	--	--	15.18
		09/15/95	11.42	--	--	15.08
		10/20/95	11.42	--	--	15.08
		11/15/95	11.37	--	--	15.13
		01/15/96	11.10	--	--	15.40
		03/05/96	10.24	--	--	16.26
		04/19/96	10.84	--	--	15.56
		05/10/96	11.13	--	--	15.37
		06/03/96	10.94	--	--	15.56
		09/04/96	11.24	--	--	15.26
		12/02/96	10.80	--	--	15.70
		02/26/97	10.70	--	--	15.80
		06/09/97	11.10	--	--	15.40

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elev.	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elev.
MW-3	26.34	12/30/92	12.43	--	--	13.91
		02/26/93	12.21	--	--	14.13
		03/24/93	12.36	--	--	13.98
		04/27/93	12.70	--	--	13.64
		05/28/93	12.72	--	--	13.62
		06/21/93	12.87	--	--	13.47
		07/22/93	12.92	--	--	13.42
		08/13/93	12.96	--	--	13.38
		09/16/93	13.01	12.97	0.04	13.36
		10/22/93	NM	12.96	NA	NA
		11/03/93	13.13	13.02	0.11	13.30
		11/24/93	12.94	12.92	0.02	13.42
		12/01/93	12.71	12.69	0.02	13.65
		12/27/93	12.77	12.73	0.04	13.60
		01/05/94	12.85	12.83	0.02	13.51
		02/08/94	12.37	--	--	13.97
		03/09/94	12.53	--	--	13.81
		04/01/94	12.64	--	--	13.70
		05/10/94	12.32	--	--	14.02
		06/30/94	12.84	12.82	0.02	13.51
		07/28/94	12.93	12.89	0.04	13.44
		08/31/94	13.04	13.01	0.03	13.32
		09/27/94	13.13	13.02	0.11	13.30
		10/28/94	13.30	13.08	0.22	13.22
		11/15/94	11.05	11.02	0.03	15.31
		12/01/94	11.90	11.88	0.02	14.46
		01/04/95	11.80	11.76	0.01	14.55
		02/01/95	12.00	11.98	0.02	14.36
		03/08/95	12.35	12.30	0.05	14.03
		04/03/95	12.09	12.05	0.04	14.28
		05/18/95	12.43	12.40	0.03	13.93
		06/09/95	12.60	12.58	0.02	13.76
		07/13/95	12.55	12.46	0.09	13.87
		08/03/95	12.64	12.61	0.03	13.73
		08/29/95	12.65	12.62	0.03	13.71
		09/15/95	13.00	12.86	0.14	13.45*
		10/20/95	12.86	12.03	0.03	13.50*
		11/15/95	12.81	12.74	0.07	13.59*
		01/15/96	12.60	12.47	0.13	13.84*
		03/05/96	11.68	11.64	0.04	14.69
		04/19/96	12.36	12.34	0.02	14.00
		05/10/96	11.93	11.91	0.02	14.43
		06/03/96	12.93	12.50	0.43	13.75
		09/04/96	12.60	12.55	0.05	13.79
		12/02/96	12.11	12.00	0.03	14.25
		02/26/97	12.03	12.02	0.01	14.32
		06/09/97	12.39	12.35	0.04	13.98

* Corrected elevations. Review of calculations indicated that these elevations were incorrect in past reports.

TABLE 1

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elev.	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elev.
MW-4	26.17	12/30/92	11.53	--	Sheen	14.64
		02/26/93	11.35	--	--	14.82
		03/24/93	11.46	--	--	14.71
		04/27/93	11.74	--	--	14.43
		05/28/93	11.77	--	--	14.40
		06/21/93	11.92	--	--	14.25
		07/22/93	11.95	--	--	14.22
		08/13/93	12.01	--	--	14.16
		09/16/93	12.08	--	--	14.09
		10/22/93	12.03	--	--	14.14
		11/03/93	12.10	--	--	14.07
		11/24/93	12.02	--	--	14.15
		12/01/93	11.78	--	--	14.99
		12/27/93	11.80	--	--	14.97
		01/05/94	11.91	--	--	14.26
		02/08/94	11.85	--	--	14.32
		03/09/94	11.61	--	--	14.56
		04/01/94	11.73	--	--	14.44
		05/10/94	11.49	--	--	14.68
		06/30/94	11.90	--	--	14.20
		07/28/94	11.97	--	--	14.27
		08/31/94	12.06	--	--	14.11
		09/27/94	12.11	--	--	14.06
		10/28/94	12.18	--	--	13.99
		11/15/94	10.72	--	--	15.45
		12/01/94	11.37	--	--	14.80
		01/04/95	11.20	--	--	14.97
		02/01/95	11.16	--	--	15.01
		03/08/95	11.49	--	--	14.68
		04/03/95	11.35	--	--	14.82
		05/18/95	11.56	--	--	14.61
		06/09/95	11.72	--	--	14.45
		07/13/95	11.72	--	--	14.45
		08/03/95	11.81	--	--	14.36
		08/29/95	11.88	--	--	14.29
		09/15/95	11.99	--	--	14.18
		10/20/95	12.00	--	--	14.17
		11/15/95	11.96	--	--	14.21
		01/15/96	11.71	--	--	14.46
		03/05/96	11.02	--	--	15.15
		04/19/96	11.51	--	--	14.46
		05/10/96	11.74	--	--	14.43
		06/03/96	11.60	--	--	14.57
		09/04/96	11.85	--	--	14.32
		12/02/96	11.45	--	--	14.72
		02/26/97	11.42	--	--	14.75
		06/09/97	11.70	--	--	14.47

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elev.	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elev.
MW-5	26.98	12/30/92	10.50	--	--	16.48
		02/26/93	10.12	--	--	16.86
		03/24/93	10.31	--	--	16.67
		04/27/93	10.75	--	--	16.23
		05/28/93	10.80	--	--	16.18
		06/21/93	10.94	--	--	16.04
		07/22/93	11.01	--	--	15.97
		08/13/93	11.07	--	--	15.91
		09/16/93	11.18	--	--	15.60
		10/22/93	11.19	--	--	15.79
		11/03/93	11.23	--	--	15.75
		11/24/93	12.00	--	--	14.98
		12/01/93	10.84	--	--	16.14
		12/27/93	10.81	--	--	16.17
		01/05/94	10.96	--	--	16.02
		02/08/94	10.94	--	--	16.04
		03/09/94	10.54	--	--	16.44
		04/01/94	10.77	--	--	16.21
		05/10/94	10.44	--	--	16.54
		06/30/94	10.88	--	--	16.10
		07/28/94	10.98	--	--	16.00
		08/31/94	11.07	--	--	15.91
		09/27/94	11.12	--	--	15.86
		10/28/94	11.21	--	--	15.77
		11/15/94	10.05	--	--	16.93
		12/01/94	10.39	--	--	16.59
		01/04/95	10.18	--	--	16.80
		02/01/95	9.93	--	--	17.05
		03/08/95	10.35	--	--	16.63
		04/03/95	10.15	--	--	16.83
		05/18/95	10.43	--	--	16.55
		06/09/95	10.62	--	--	16.36
		07/13/95	10.76	--	--	16.22
		08/03/95	10.82	--	--	16.16
		08/29/95	10.91	--	--	16.07
		09/15/95	11.00	--	--	15.98
		10/20/95	11.02	--	--	15.96
		11/15/95	11.95	--	--	15.03
		01/15/96	10.57	--	--	16.41
		03/05/96	9.81	--	--	17.17
		04/19/96	10.32	--	--	16.66
		05/10/96	10.56	--	--	16.40
		06/03/96	10.46	--	--	16.52
		09/04/96	10.86	--	--	16.12
		12/02/96	10.45	--	--	16.53
		02/26/97	10.38	--	--	16.60
		06/09/97	10.78	--	--	16.20

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elev.	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elev.
MW-6	24.32	12/27/93	11.24	--	--	13.08
		01/05/94	11.39	--	--	12.93
		02/08/94	11.15	--	--	13.17
		03/09/94	10.97	--	--	13.35
		04/01/94	11.25	--	--	13.07
		05/10/94	10.78	--	--	13.54
		06/30/94	11.49	--	--	12.83
		07/28/94	11.59	--	--	12.73
		08/31/94	11.56	--	--	12.76
		09/27/94	11.65	--	--	12.67
		10/28/94	11.59	--	--	12.73
		11/15/94	10.24	--	--	14.08
		12/01/94	10.30	--	--	14.02
		01/04/95	9.81	--	--	14.51
		02/01/95	10.01	--	--	14.31
		03/08/95	10.64	--	--	13.68
		04/03/95	10.26	--	--	14.06
		05/18/95	10.81	--	--	13.51
		06/09/95	11.07	--	--	13.25
		07/13/95	10.91	--	--	13.41
		08/03/95	11.15	--	--	13.17
		08/29/95	11.09	--	--	13.23
		09/15/95	11.35	--	--	12.97
		10/20/95	11.32	--	--	13.00
		11/15/95	11.20	--	--	13.12
		01/15/96	10.83	--	--	13.49
		03/05/96	9.60	--	--	14.72
		04/19/96	10.71	--	--	13.61
		05/10/96	11.05	--	--	13.27
		06/03/96	10.91	--	--	13.41
		09/04/96	10.84	--	--	13.48
		12/02/96	10.46	--	--	13.86
		02/26/97	10.46	--	--	13.86
		06/09/97	10.90	--	--	13.42

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elev.	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elev.
MW-7	24.88	12/27/93	11.80	--	--	13.08
		01/05/94	11.53	--	--	13.35
		02/08/94	11.90	--	--	12.98
		03/09/94	11.23	--	--	13.65
		04/01/94	11.34	--	--	13.54
		05/10/94	11.02	--	--	13.86
		06/30/94	11.49	--	--	13.39
		07/28/94	11.58	--	--	13.30
		08/31/94	11.69	--	--	13.19
		09/27/94	11.73	--	--	13.15
		10/28/94	11.77	--	--	13.11
		11/15/94	10.29	--	--	14.59
		12/01/94	10.89	--	--	13.99
		01/04/95	10.77	--	--	14.11
		02/01/95	10.70	--	--	14.18
		03/08/95	11.05	--	--	13.83
		04/03/95	10.88	--	--	14.00
		05/18/95	11.12	--	--	13.76
		06/09/95	11.25	--	--	13.63
		07/13/95	11.15	--	--	13.73
		08/03/95	11.32	--	--	26.79
		08/29/95	11.53	--	--	13.35
		09/15/95	11.65	--	--	13.23
		10/20/95	11.64	--	--	13.24
		11/15/95	11.60	--	--	13.28
		01/15/96	11.07	--	--	13.81
		03/05/96	10.50	--	--	14.38
		04/19/96	12.02	--	--	12.86
		05/10/96	11.14	--	--	13.74
		06/03/96	11.10	--	--	13.78
		09/04/96	11.45	--	--	13.43
		12/02/96	10.96	--	--	13.92
		02/26/97	11.02	--	--	13.86
		06/09/97	11.34	--	--	13.54

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Casing Elev.	Date	Depth to Water	Depth to Product	Product Thickness	Groundwater Elev.
MW-8	26.12	12/27/93	12.45	--	--	13.67
		01/05/94	12.57	--	--	13.55
		02/08/94	12.02	--	--	14.10
		03/09/94	12.22	--	--	13.90
		04/01/94	12.33	--	--	13.79
		05/10/94	12.00	--	--	14.12
		06/30/94	12.52	--	--	13.60
		07/28/94	12.61	--	--	13.51
		08/31/94	12.72	--	--	13.40
		09/27/94	12.80	--	--	13.32
		10/28/94	12.84	--	--	13.28
		11/15/94	11.72	--	--	14.40
		12/01/94	11.87	--	--	14.25
		01/04/95	11.75	--	--	14.37
		02/01/95	11.64	--	--	14.48
		03/08/95	12.04	--	--	14.08
		04/03/95	11.86	--	--	14.26
		05/18/95	12.11	--	--	14.01
		06/09/95	12.34	--	--	13.78
		07/13/95	12.37	--	--	13.75
		08/03/95	12.50	--	--	13.62
		08/29/95	12.55	--	--	13.57
		09/15/95	12.70	--	--	13.42
		10/20/95	12.69	--	--	13.43
		11/15/95	12.67	--	--	13.45
		12/11/95	11.80	--	--	14.32
		01/15/96	12.38	--	--	13.74
		03/05/96	11.44	--	--	14.68
		04/19/96	10.80	--	--	15.32
		05/10/96	12.40	--	--	13.72
		06/03/96	12.26	--	--	13.86
		09/04/96	12.51	--	--	13.61
		12/02/96	11.99	--	--	14.13
		02/26/97	11.98	--	--	14.14
		06/09/97	12.36	--	--	13.76
MW-9	N/A	12/02/96	11.52	--	--	N/A
		02/26/97	11.55	--	--	N/A
		06/09/97	11.91	--	--	N/A
EW-1	N/A	12/02/96	12.17	--	--	N/A
		02/26/97	12.13	--	--	N/A
		06/09/97	12.46	--	--	N/A

Notes: "--" indicates no datum for the cell, including "product not detected"
NM = Not monitored
NA = Not Available

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/l)	Dissolved Metals	MTBE
MW-1	12/30/92	1	1	2	2	--	--	1	--	--
	03/24/93	0.4	1	0.3	10	--	--	1	--	--
	06/21/93	<0.3	1	2	6	--	**<100	--	--	--
	09/16/93	<0.3	0.7	<0.3	7	--	**<100	--	--	--
	12/01/93	0.4	1	2	7	--	--	--	--	--
	12/30/93	--	--	--	--	--	<100	--	--	--
	03/09/94	<0.3	<0.3	1	4.2	--	<100	--	--	--
	06/30/94	0.6	0.7	2.4	15	--	<100	--	--	--
	09/27/94	0.9	0.5	1.4	10	--	*<250	--	--	--
	12/01/94	0.4	0.4	<0.3	6.6	--	*<250	--	--	--
	03/08/95	<0.3	0.6	<0.3	2.7	--	*<250	--	--	--
	06/09/95	<0.3	1.4	4.7	5.6	--	*<250	--	--	--
	08/29/95	0.3	0.9	3.9	2.8	--	*<250	--	--	--
	11/15/95	<0.5	<0.5	<0.5	27	--	*<200	--	--	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	--	*<200	--	--	--
	06/03/96	<0.5	<1.0	<1.0	3.4	340	*<200	--	--	--
	09/04/96	<0.5	<1.0	3.7	<2.0	390	310	--	--	--
	12/02/96	<0.5	<1.0	<1.0	2.7	400	*<200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	4.5	390	*<200	--	--	--
	06/09/97	<0.5	<1.0	<1.0	2.3	340	<200	--	--	<10
MW-2	12/30/92	0.7	<0.3	<0.3	3	190	--	1	[a]ND	--
	03/24/93	0.6	<0.3	<0.3	2	120	--	<1	[a]ND	--
	06/21/93	0.3	<0.3	<0.3	0.7	82	**<100	--	[c]ND	--
	09/16/93	<0.3	<0.3	<0.3	<0.5	28	**<100	--	[c]ND	--
	12/01/93	<0.3	<0.3	<0.3	1	68	--	--	[c]ND	--
	12/30/93	--	--	--	--	--	310	--	--	--
	03/09/94	<0.3	<0.3	<0.3	<0.5	47	<100	--	ND	--
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	100	--	ND	--
	09/27/94	<0.3	<0.3	<0.3	<0.5	<10	*<250	--	[d]15	--
	12/01/94	<0.3	<0.3	<0.3	<0.5	54	[f]1,300	--	[d]6	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	3,000	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	2,000	--	ND	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	4,300	--	[h]20	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	6,100	--	ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	3,200	--	ND	--
	06/04/96	<0.5	<1.0	<1.0	<2.0	<100	3,800	--	ND	--
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	3,100	--	--	--
	12/02/96	<0.5	<1.0	<1.0	<2.0	<100	2,200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	2,100	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	<100	2,400	--	--	<10

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/l)	Dissolved Metals	MTBE
MW-3	12/30/92	11	0.9	<0.3	2	910	SPH	20	*ND	--
	03/24/93	28	0.7	1	8	3,300	SPH	28	**15	--
	06/21/93	21	5	2	19	**2,600	32,000	26	**5	--
	09/16/93	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	12/01/93	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	03/09/94	2	1.4	4.5	13	2,000	**5,700	**63	*ND	--
	06/30/94	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	09/27/94	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	12/01/94	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	03/08/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	06/09/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	08/29/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	11/15/95	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	03/05/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	06/03/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	09/04/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	12/02/96	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	02/26/97	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	--
	06/09/97	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
MW-4	12/30/92	2	<0.3	1	<0.5	1,200	--	<1	*ND	--
	03/24/93	<0.3	<0.3	<0.3	<0.5	750	--	2	**7	--
	06/21/93	<0.3	2	<0.3	0.5	660	19,000	--	*ND	--
	09/16/93	0.3	<0.3	2	3	410	2,500	--	*ND	--
	12/01/93	<0.3	<0.3	<0.3	<0.5	150	390	--	*ND	--
	03/09/94	0.7	0.8	2	3.6	1,500	780	--	*ND	--
	06/30/94	<0.3	1.7	0.5	1.0	450	130	--	ND	--
	09/27/94	0.5	<0.3	<0.3	<0.5	110	1,100	--	ND	--
	12/01/94	0.6	0.5	0.3	0.8	290	580	--	*<5	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	360	1,000	--	*<5	--
	06/09/95	<0.3	0.4	<0.3	<0.5	64	1,100	--	*<5	--
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	1,200	--	*<5	--
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	2,100	--	*ND	--
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	590	--	*ND	--
	06/03/96	<0.5	<1.0	<1.0	<2.0	<100	860	--	ND	--
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	600	--	--	--
	12/02/96	<0.5	<1.0	<1.0	<2.0	<100	940	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	390	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	<100	630	--	--	<10

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/l)	Dissolved Metals	MTBE
MW-5	12/30/92	<0.3	<0.3	<0.3	<0.5	37	–	<1	[bc]5	–
	03/24/93	<0.3	<0.3	<0.3	0.5	19	–	2	[ac]341	–
	06/21/93	<0.3	<0.3	<0.3	<0.5	<10	<100	–	[c]ND	–
	09/16/93	0.3	<0.3	<0.3	1	<10	<100	–	[c]ND	–
	12/01/93	<0.3	<0.3	<0.3	1	17	–	–	[c]ND	–
	12/30/93	–	–	–	–	–	<100	–	–	–
	03/09/94	<0.3	<0.3	<0.3	<0.5	22	<100	–	[c]ND	–
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	<100	–	ND	–
	09/27/94	0.5	0.4	<0.3	<0.5	<10	560	–	ND	–
	12/01/94	<0.3	<0.3	<0.3	<0.5	<10	<250	–	ND	–
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	<250	–	ND	–
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<250	–	[d]7	–
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	–	[b]36	–
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	–	ND	–
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	<200	–	ND	–
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	–
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	310	–	–	–
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	–
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	–	–	–
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	12/27/93	<0.3	<0.3	<0.3	<0.5	<10	<100	<1	[e]70	–
	03/09/94	<0.3	<0.3	<0.3	<0.5	15	<100	–	[c]ND	–
	06/30/94	<0.3	<0.3	<0.3	<0.5	<10	<100	–	ND	–
	09/27/94	<0.3	<0.3	<0.3	<0.5	<10	<250	–	[d]8	–
	12/01/94	<0.3	<0.3	<0.3	<0.5	<10	<250	–	[g]32	–
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	<250	–	ND	–
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<250	–	ND	–
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	–	[b]24	–
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	–	[g]31	–
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	<200	–	ND	–
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	–
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	230	–	–	–
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	–
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	NS	NS	–
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	12/27/93	<0.3	<0.3	1	2	140	<100	<1	[a]40	–
	03/09/94	<0.3	<1.0	1.5	4.1<	620	<100	–	[c]ND	–
	06/30/94	<0.3	<0.3	<0.3	0.5	33	<100	–	ND	–
	09/27/94	<0.3	<0.3	0.4	0.7	52	[e]<250	–	ND	–
	12/01/94	<0.3	<0.3	<0.3	1.1	<10	[e]<250	–	[g]28	–
	03/08/95	<0.3	<0.3	<0.3	<0.5	<10	[e]<250	–	ND	–
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	<250	–	ND	–
	08/29/95	<0.3	<0.3	<0.3	<0.5	<50	<250	–	[h]13	–
	11/15/95	<0.5	<0.5	<0.5	<0.5	<50	<200	–	ND	–
	03/05/96	<0.5	<1.0	<1.0	<2.0	<100	270	–	ND	–
	06/03/96	NS	NS	NS	NS	NS	NS	NS	NS	–
	09/04/96	<0.5	<1.0	<1.0	<2.0	<100	<200	–	–	–
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS	–
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	NS	NS	–
	06/09/97	NS	NS	NS	NS	NS	NS	NS	NS	NS

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

Sears Store 1058
2633 Telegraph Avenue, Oakland, California

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH as Gasoline	TPH as Motor Oil	TPH (mg/l)	Dissolved Metals	MTBE
MW-8	12/27/93	0.4	4	0.4	1	390	<100	<1	[a]18	--
	03/09/94	0.6	0.8	0.5	1.5	420	<100	--	[a]ND	--
	06/30/94	0.9	<0.3	<0.3	1.1	250	<100	--	ND	--
	09/27/94	<0.3	<0.3	<0.3	<0.5	210	*<250	--	[d]9	--
	12/01/94	5.4	<0.3	0.7	1.3	230	*<250	--	[c]ND	--
	03/08/95	<0.3	<0.3	<0.3	<0.5	230	*<250	--	ND	--
	06/09/95	<0.3	<0.3	<0.3	<0.5	<50	*<250	--	ND	--
	08/29/95	0.9	0.4	<0.3	0.8	200	*<250	--	[h]15	--
	11/15/95	0.58	<0.5	<0.5	0.54	120	--	--	[g]21	--
	12/11/95	--	--	--	--	--	*<200	--	--	--
	03/05/96	0.6	<1.0	<1.0	<2.0	<100	*<200	--	ND	--
	06/03/96	<0.5	<1.0	<1.0	<2.0	100	--	--	--	--
	09/04/96	<0.5	<1.0	<1.0	<2.0	110	<200	--	--	--
	12/02/96	<0.5	<1.0	<1.0	<2.0	110	<200	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	<100	<200	--	--	--
	06/09/97	<0.5	<1.0	<1.0	<2.0	110	<200	--	--	<10
MW-9	12/02/96	<0.5	<1.0	<1.0	<2.0	210	250	--	--	--
	02/26/97	<0.5	<1.0	<1.0	<2.0	170	340	--	--	--
	06/09/97	0.8	<1.0	<1.0	<2.0	130	350	--	--	<10
EW-1	09/04/96	<0.5	<1.0	<1.0	<2.0	1,100	1,700	--	--	--
	12/02/96	6.2	<1.0	<1.0	<2.0	1,000	14,00	--	--	--
	02/26/97	12	<1.0	<1.0	<2.1	1,200	2,100	--	--	--
	06/09/97	83	<1.0	<1.0	<2.0	1,400	12,000	--	--	13

Source: GTEL Environmental Laboratories

Notes: "--" indicates no datum for the cell, including "not analyzed for this constituent". Values beginning with "<" indicate the compound was not detected above the laboratory reporting limits.

mg/l = Milligrams per liter
TPH = Total petroleum hydrocarbons
ND = Non-detectable (detection limits for each metal is listed in laboratory reports, included in attachment 4)
SPH = Separate phase hydrocarbon
NS = Not sampled
* = Water samples were not filtered, analytical results represent total metals present, not dissolved concentrations.
** = Uncategorized hydrocarbon compound not included in this hydrocarbon concentration.
[a] = Dissolved lead
[b] = Dissolved lead only analyte detected
[c] = Dissolved lead, cadmium, total chromium, nickel, and zinc.
[d] = Cadmium only analyte detected.
[e] = Hydrocarbon pattern not characteristic of motor oil.
[f] = Uncategorized compounds included in concentration
[g] = Zinc only analyte detected
[h] = Chromium only analyte detected
MTBE = Methyl Tert-Butyl Ether

ATTACHMENT 3

Groundwater Monitoring and Sample Collection Protocol and Field Data Sheets

GROUNDWATER TECHNOLOGY GROUNDWATER MONITORING AND SAMPLE COLLECTION PROTOCOL

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 utilizes an optical liquid sensor and electrical conductivity to distinguish between water and petroleum products.

Monitoring is accomplished by measuring from the surveyed top of well casing or grade to groundwater and separate-phase hydrocarbons if present. The static water elevation is then calculated for each well and a potentiometric surface map is constructed. If separate-phase hydrocarbons are detected the water elevation is adjusted by the following calculation:

(Product thickness) x (0.8) + (Water elevation) = Corrected water elevation

Groundwater monitoring wells are monitored in order of wells with lowest concentrations of volatile organic compounds to wells with the highest concentrations, based upon historical concentrations. If separate-phase hydrocarbons are encountered in a well, the product is visually inspected to confirm and note color, amount, and viscosity. Monitoring equipment is washed with laboratory grade detergent and rinsed with distilled or deionized water before monitoring each well.

Groundwater Sampling

Before groundwater samples are collected, sufficient water is purged from each well to ensure representative formation water is entering the well. Wells are purged and sampled in the same order as monitoring, from wells with the lowest concentrations of volatile organic compounds to wells with the highest concentrations. Wells are purged using either a polyvinyl chloride (PVC) bailer fitted with a check valve or with a stainless steel submersible Grundfos pump. The purge equipment is decontaminated before use in each well by washing with laboratory grade detergent and tripled rinsing with deionized or distilled water. A minimum of 3 well-casing volumes of water are removed from each well while pH, electrical conductivity, and temperature are recorded to verify that "fresh" formation water is being sampled and the parameters have stabilized. If the well is low yielding, it may be purged dry and sampled before 3 casing volumes are purged. The wells are then allowed to recharge to approximately 80 percent of the initial water level before a sample is collected.

Groundwater samples are collected from each well using a new, prepackaged disposable bailer and string. The water sample is decanted from the bailer into laboratory-provided containers (appropriate for the analyses required) so that there is no headspace in the containers. Samples collected for benzene, toluene, ethylbenzene, xylene, and total petroleum hydrocarbons (TPH)-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 than 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: 20200281.00 Technician: HECKMEIND
Site: SEARS/#1058/Oakland, CA Scheduled: 6/23/97
Project Mgr: Eileen Brennan Site Mgr: M. Chamberlain

PREPARATORY COMMENTS

Visit Date: 6/9/97 Arrival Time: 10:00 Departure Time: 13:30

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]

Notify Dale Klettke 72 hrs in advance (510) 567-6880 DONE: left messag @8:47 6/6/97

SITE ADDRESS: 2633 Telegraph Avenue, Oakland, CA

cc: Eileen Brennan, Mike Chamberlain

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

BRING 9/16 BOLTS FOR ALL 8 WELLS. Need three (3) new drums for this site.

1. MARCH(1st)/SEPT(3rd): Monitor and sample all wells (MW-1 through MW-9 and EW-1) in the following order: MW-5, MW-1, MW-6, MW-7, MW-8, MW-2, MW-4, MW-3, MW-9 and the new extraction well (EW-1) located next to MW-3. USE DISPOSABLE BAILERS.

JUNE(2nd)/DEC(4th): Monitor all wells (MW-1 through MW-9, and EW-1). Sample seven (7) wells in the following order: MW-9, MW-1, MW-8, MW-2, MW-4, MW-3 and EW-1. USE DISPOSABLE BAILERS.

2. Record DTW, DTP, pH, Conductivity and temperature. NOTE: Recharge DTW.

3. Collect one trip blank and one duplicate from MW-4 and submit for BTEX-8020 only.

SITE VISIT FORM
Fluor Daniel GTI - Martinez, California

Project: **20200281.00** Technician: Hector Nevins
Site: **SEARS/#1058/Oakland, CA** Scheduled: **6/23/97**
Project Mgr: **Eileen Brennan** Site Mgr: **M. Chamberlain**

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

EQUIPMENT NEEDED: 9/16" Ratchet to remove well lids. 1 or 2 55-gallon drums, I.P.

4. Complete detailed drum count. Check with owner if drums can be left in corner.

5. Submit samples to GTEL lab in Concord ph# (510) 685-7852.

Note: Add THP-MO to concentration map

6. COMPLETED ALL THREE PAGES OF WASTE INVENTORY FORM? YES. IF NO, EXPLAIN _____.

7. Analysis for Groundwater samples: Please note first and third Quarterly analysis of wells MW-5, MW-6, and MW-7.

Analysis	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	EW	MW-9	
TPH-Motor Oil(8015)	X	X	X	X	X	X	X	X	X	X	2L AMBER/NONE
BTEX/MTBE/TPH-G	X	X	X	X	X	X	X	X	X	X	4 VOA/HCL

HOURS ESTIMATED FOR MARCH/SEPT 6.0 JUNE/DEC 4.0

Hours Estimated	4.00	Hours Used	

FINAL CHECKS

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

WASTE COMPLIANCE: # of Drums w/: Water 1, Soil ___, Empty ___, Other ___

DRUMS labeled? NA/Y/N Gen. Date: 6/9/97 Label Type: NON CLASS

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

SITE VISIT FORM
FLUOR DANIEL GTI

Project: Sears/#1058/Oakland
Store #: 1058/2633 Telegraph
Project Manager: Eileen Brennan

Technician: HECTOR MERLINO
Schedule:
Job No. 020200281.030543

WELL WATER SAMPLING - TASK Nr: 030543 [QUARTERLY]
Gauge wells for volume of water & bail 3 well Vol,s. DECON
PREPATORY COMMENTS

Visit Date: 6/9/97 Arrival Time: 10:00 Departure Time: _____

Called Project Manager? YES (NO) Time: _____ Who: _____

If you did not call, why not? ALL WENT FINE NO PROBLEMS

Weather: Rain Snow (Sunny) Cloudy Temperature: 70°

Well ID				
MW-1:	DTB_21.72	DTW 11.25	SAT. THICK ___	#GAL. BAILED_____
MW-2:	DTB_21.79	DTW 11.10	SAT. THICK___	#GAL. BAILED_____
MW-3:	DTB_24.67	DTW 12.39 DTP= 12.35	SAT. THICK .04	#GAL. BAILED_____
MW-4:	DTB_22.97	DTW 11.70	SAT. THICK___	#GAL. BAILED_____
MW-5:	DTB_25.27	DTW 10.78	SAT. THICK___	#GAL. BAILED_____
MW-6:	DTB_22.05	DTW 10.90	SAT. THICK ___	#GAL. BAILED_____
MW-7:	DTB_21.70	DTW 11.34	SAT. THICK___	#GAL. BAILED_____
MW-8:	DTB_22.14	DTW 12.36	SAT. THICK___	#GAL. BAILED_____
MW-9	DTB_20.30	DTW 11.91	SAT. THICK___	#GAL. BAILED_____
EW-1	DTB_22.30	DTW 12.46	SAT. THICK___	#GAL. BAILED_____

NOTES: ATTACHED

HOURS ESTIMATED: HOURS USED:

FINAL CHECKS

Are Wells Locked? (YES) NO Why Not?

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

SITE VISIT FORM
FLUOR DANIEL GTI

Project: Sears/#1058/Oakland
Store #: 1058/2633 Telegraph
Project Manager: Mike Wray

Technician: Hector Nuñez
Schedule:
Job No. 020200281.030543

TECHNICIAN'S COMMENTS

MONITORED ALL WELLS SAMPLED 5 WELLS
MW3 HAS PRODUCT NO SAMPLES WERE TAKEN
FROM WELL. ONE DRUM WAS GENERATED
SEE MAP FOR LOCATION.

TOTAL HOURS ESTIMATED: HOURS USED:

TRAVEL TIME ESTIMATED: TRAVEL TIME USED:

TECHNICIAN

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 020200281.030543

Date: 6/9/97
Page 2 **of** 7
Project Manager: Eileen Brennan

Well ID: MW-1
Well Diameter: 2

DTW Measurements:
Initial: 11.25 Calc Well Volume: 1.7 gal
Recharge: 12.05 Well Volume: X3 5.1 gal
DTB: ~~21.72~~

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
11:15	22.8	0.42	6.26	1	Cloudy	
11:16	22.2	0.42	6.14	2		
11:17	22.0	0.41	6.15	3		
11:18	21.9	0.42	6.16	4		
11:19	21.8	0.41	6.17	5	↓	

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 020200281.030543

Date: 6/9/97
Page 1 of 7
Project Manager: Eileen Brennan

Well ID: MW-9
Well Diameter: 2

DTW Measurements:
Initial: 11.91
Recharge: 12.00
DTB: 20.30

Calc Well Volume: 1.3 gal
Well Volume: X3 4.1 gal

Purge Method
Peristaltic_____
Gear Drive_____
Submersible_____

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
11:32	22.7	0.46	6.28	1	CLOUDY	
11:33	22.1	0.45	6.35	2	↓	
11:34	21.0	0.46	6.39	3		
11:35	20.9	0.46	6.41	4		

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 020200281.030543

Date: 6/9/97
Page 3 of 7
Project Manager: Eileen Brennan

Well ID: MW-8
Well Diameter: 2

DTW Measurements:
Initial: 12.36 Calc Well Volume: 1.5 gal
Recharge: 12.42 Well Volume: x 3 4.7 gal
DTB: 22.14

Purge Method
Peristaltic_____
Gear Drive_____
Submersible_____

Pump Depth_____ft.
Hand Bailed X
Air Lift_____
Other_____

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

Time	Temp X C / F	Conductivity (mmhos/cm)	pH	Purge Volume Gallons	Turbidity	Comments
11:48	21.5	0.44	6.43	1	CLOUDY	
11:49	21.6	0.46	6.36	2		
11:50	21.6	0.45	6.37	3		
11:51	21.7	0.46	6.39	4		
11:52	21.6	0.47	6.37	5	✓	

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 020200281.030543

Date: 6/9/97
Page 4 of 7
Project Manager: Eileen Brennan

Well ID: MW-2
Well Diameter: 2

DTW Measurements:
Initial: 11.10
Recharge: 11.17
DTB: 21.79

Calc Well Volume: 17 gal
Well Volume: X3 51.2 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
12:08	21.7	0.40	6.41	1	CLOUDY	
12:09	21.4	0.41	6.39	2		
12:10	21.6	0.40	6.38	3		
12:11	21.3	0.41	6.38	4		
12:12	21.3	0.40	6.39	5		DRY @ 5 GALLONS

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 020200281.030543

Date: 6/9/97
Page 5 **of** 7
Project Manager: Eileen Brennan

Well ID: MW-4
Well Diameter: 2

DTW Measurements:
Initial: 11.70
Recharge: 11.80
DTB: 22.97

Calc Well Volume: 18 gal
Well Volume: x3 55 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
12:20	22.0	0.40	6.37	1	Cloudy	
12:21	22.1	0.44	6.38	2	↓	
12:22	22.0	0.44	6.39	3		
12:23	22.0	0.44	6.40	4		
12:24	22.0	0.44	6.42	5		

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 020200281.030543

Date: 6/9/97
Page 6 **of** 7
Project Manager: Eileen Brennan

Well ID: MW-3
Well Diameter: 2

DTW Measurements:
Initial: 12.39 Calc Well Volume:_____gal
Recharge:_____ Well Volume: _____gal
DTB: 24.67

Purge Method
Peristaltic_____
Gear Drive_____
Submersible_____

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
						DTP = 12.35 DTW = 12.39 PT = .04
						PRODUCT Black STICKY CONFIRMED W. DTT
						DISPOSABLE Bailer.

Project Name: Sears / #1058/Oakland, CA
Site Address: 2633 Telegraph Ave., Oakland
Project Number: 020200281.030543

Date: 6/9/97
Page 7 of 7
Project Manager: Eileen Brennan

Well ID: EW-1
Well Diameter: 4

DTW Measurements:
Initial: 12.46 Calc Well Volume: 6.4 gal
Recharge: 12.48 Well Volume: X3 19.2 gal
DTB: 22.30

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
12:36	20.5	0.49	6.48	5	Cloudy	
12:38	20.6	0.50	6.55	10	↓	
12:40	20.6	0.50	6.58	15	↓	
12:43	20.6	0.50	6.59	20	↓	

SEARS DRUM INVENTORY FORM

Completion Date: 6/9/97

Sears Store Number 1058 City/State OAKLAND CA.

Accumulation Start Date _____

FDGTI Representative HECTOR MERINO

Drum Storage Location NEXT TO WOOD FENCE, ACROSS FROM MW1

CONTENTS	# OF DRUMS	*DRUM ID (A,B,C...)	LID TYPE: (OPEN OR BUNG)	**LABEL TYPE: HAZARD NON-HAZ UNCLASS	DRUM DESCRIPTION: COLOR CONDITION MARKINGS
FLUIDS					
WASHWATER RINSATE (GAS)	1	A	OPEN	NON CLASS	WHITE LID/BLACK DRUM/GOOD CONDITION
WASHWATER RINSATE (OIL)					
MOTOR OIL/WATER MIXTURES					
MOTOR OIL					
USED OIL/WATER MIXTURES					
USED OIL					
HEATING OIL/DIESEL FUEL AND WATER MIXTURES					
HEATING OIL/DIESEL FUEL					
GASOLINE/WATER MIXTURES					
GASOLINE					
HYDRAULIC OIL/WATER MIXTURES					
HYDRAULIC OIL					
SLUDGES					
MOTOR OIL SLUDGE/TANK BOTTOMS					
USED OIL SLUDGE/TANK BOTTOMS					
HEATING OIL/DIESEL FUEL SLUDGE/TANK BOTTOMS					
GASOLINE SLUDGE/TANK BOTTOMS					
HYDRAULIC OIL SLUDGE/TANK BOTTOMS					
OTHER--if soil, complete Page 2 of 3					
DESCRIPTION (NO SORBENT PADS or PPE IN DRUMS):					

***EACH DRUM MUST HAVE A UNIQUE LETTER SPRAY-PAINTED ON THE BODY OF THE DRUM. Letter must be at least 10 inches tall. No two drums can have same letter at the same time.**

****All labels should be "Unclassified" unless specifically directed otherwise by Project Manager.**

COMPLETE PAGE 3 OF 3 WHEN EVER DRUMS ARE PRESENT OR GENERATED.

SEARS SOIL INVENTORY FORM

Completion Date: 6/9/97

Store Number 1058 City/State OAKLAND CA

Accumulation Start Date

FDGTI Representative HECTOR MERINO

Soil Storage Location

SOIL CONTAMINANTS	# OF DRUMS*	CUBIC YARDS	DIMENSIONS OF PILE
VIRGIN PETROLEUM OIL (motor, heating, diesel)	0		
HYDRAULIC OIL	↓		
USED OIL	↓		
GASOLINE	↓		

* IF DRUMS ARE GENERATED, COMPLETE PAGE 3 OF 3

SEARS DRUM INVENTORY FORM

Completion Date: 6/9/97

Store Number 1058 City/State OAKLAND CA

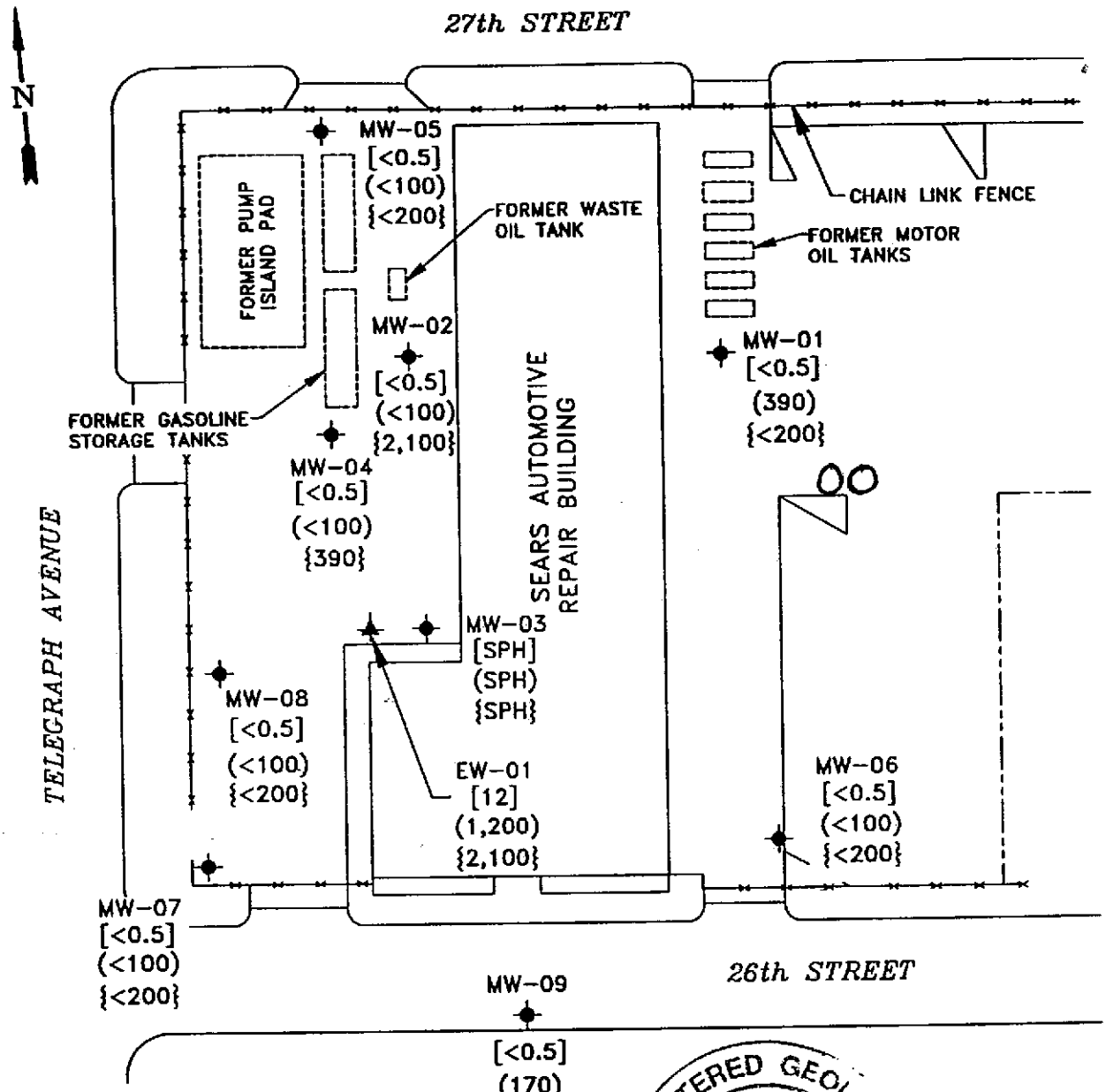
FDGTI Representative HECTOR MERINO

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

DRUM ID	ACCUMULATION START DATE	CONTENTS (as on label) VOLUME (if mixed waste)	SOURCE (be specific)	SLUDGE PRESENT Y/N	VOLUME (gallon)
A	6/9/97	PURGE H_2O	WELL WATER	N	55 gallons
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
N					
O					
P					
Q					
R					
S					
T					
U					
V					
W					
X					
Y					
Z					

EXAMPLE

A	5/19/97	well purge water	MW-1 thru MW-5	no	50



LEGEND

- ✦ MONITORING WELL
- ✦ EXTRACTION WELL
- SPH SEPARATE-PHASE HYDROCARBONS
- NS NOT SAMPLED
- [ ] BENZENE CONCENTRATIONS [ug/l]
- ( ) TPH-AS-GASOLINE (ug/l)
- { } TPH-AS-MOTOR OIL {ug/l}

REGISTERED GEOLOGIST
DENNIS P. MASLONKOWSKI
No. 5299
STATE OF CALIFORNIA

FLUOR DANIEL GTI

0 FEET 40
SCALE

CONCENTRATIONS OF BENZENE, TPH-AS GASOLINE & TPH-AS-MOTOR OIL IN GROUNDWATER (2/26/97)

CLIENT: SEARS, ROEBUCK AND CO. SITE NO. 1058	FILE: BEN996	PROJECT NO.: 020200282	PM	PE/RG	
	REV.			FIGURE: 2	
LOCATION: 2633 TELEGRAPH AVENUE OAKLAND, CALIFORNIA	DES. SS	DET. SS	DATE: 3/28/97		

NEI/GTEL

ENVIRONMENTAL LABORATORIES, INC.

4211 MAY STREET
WICHITA, KS 67209
(316) 945-2624
(800) 633-7936

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

No 51669

Company Name: FLUOR DANIEL GTI

Phone #: (510) 370-3990

FAX #: (510) 370-3991

Company Address: 757 ARNOLD DR. SUITE D

Site Location: 2633 TELEGRAPH AVE

Project Manager: EILEEN BRENNAN

Client Project ID: (#) 02-0200281 030543

(NAME) SEARS TELEGRAPH

I attest that the proper field sampling procedures were used during the collection of these samples.

Sampler Name (Print): HECTOR MERINO

Field Sample ID	GTEL Lab # (Lab Use only)	# CONTAINERS	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	OTHER (Specify)	Sampling: DATE	TIME	BTEX/Gas Hydrocarbons PID/FID with MTBE	TPH/MOTOR OIL (8015)	BTEX (8020)
MW-9		6	X						X			X	X		6/9/97	13:00	X	X	
MW-1		6	X						X			X	X			13:05	X	X	
MW-8		6	X						X			X	X			13:10	X	X	
MW-2		6	X						X			X	X			13:15	X	X	
MW4		6	X						X			X	X			13:20	X	X	
EW-1		6	X						X			X	X			13:25	X	X	
TBLB		[illegible]	X						X			X				—			X
DUPMW4		1	X						X			X				13:22			X

ANALYSIS REQUEST: BTEX 602 ☐ 8020 ☐ with MTBE ☐ | BTEX/Gas Hydrocarbons PID/FID ☒ with MTBE ☒ | Hydrocarbons GC/FID Gas ☐ Diesel ☐ Screen ☐ | Hydrocarbon Profile (SIMDIS) ☐ | Oil and Grease 413.1 ☐ 413.2 ☐ SM-503 ☐ | TPH/IR 418.1 ☐ SM 503 ☐ | EDB by 504 ☐ DBCP by 504 ☐ | EPA 504.2 ☐ 503.1 ☐ EPA 502.2 ☐ | EPA 601 ☐ EPA 8010 ☐ | EPA 602 ☐ EPA 8020 ☐ | EPA 608 ☐ 8080 ☐ PCB only ☐ | EPA 624/PPL ☐ 8240/TAL ☐ NBS (+15) ☐ 8260 ☐ | EPA 625/PPL ☐ 8270/TAL ☐ NBS (+25) ☐ | EPA 610 ☐ 8310 ☐ | EP TOX Metals ☐ Pesticides ☐ Herbicides ☐ | TCLP Metals ☐ VOA ☐ Semi-VOA ☐ Pest ☐ Herb ☐ | EPA Metals - Priority Pollutant ☐ TAL ☐ RCRA ☐ | CAM Metals TTLC ☐ STLC ☐ | Lead 239.2 ☐ 200.7 ☐ 7420 ☐ 7421 ☐ 6010 ☐ | Organic Lead ☐ | Corrosivity ☐ Flash Point ☐ Reactivity ☐

OTHER: TPH/MOTOR OIL (8015) | BTEX (8020)

TAT	
Priority (24 hr)	☐
Expedited (48 hr)	☐
7 Business Days	☐
Other ______ Business Days	☐

Special Handling

GTEL Contact ______

Quote/Contract # ______

Confirmation # ______

P.O. # ______

SPECIAL DETECTION LIMITS

REMARKS:

SPECIAL REPORTING REQUIREMENTS

FAX ☐

Lab Use Only Lot #:

Storage Location

Work Order #:

QA/QC Level: Blue ☐ CLP ☐ Other ☐ ______

CUSTODY RECORD

Relinquished by	Date	Time	Received by
Relinquished by Sampler: Hector M.	6-9-97	14:30	Received by: Jan Weber
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory: Waybill #

ATTACHMENT 4

Laboratory Reports and Chain-of-Custody Record

NEI/GTEL
ENVIRONMENTAL LABORATORIES, INC.

Midwest Region
4211 May Avenue
Wichita, KS 67209
(316) 945-2624
(800) 633-7936
(316) 945-0506 (FAX)

June 18, 1997

Eileen Brennan
FLUOR DANIEL GTI
757 Arnold Dr
Suite D
Martinez, CA 94553

RE: NEI/GTEL Client ID: 020200281
Login Number: W7060124
Project ID (number): 020200281
Project ID (name): SEARS/2633 TELEGRAPH AVE/MARTINEZ/CA

Sys 1058
Oakland CA

Dear Eileen Brennan:

Enclosed please find the analytical results for the samples received by NEI/GTEL Environmental Laboratories, Inc. on 06/11/97 under Chain-of-Custody Number(s) 51669.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by NEI/GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes. This report is to be reproduced only in full.

NEI/GTEL is certified by the California Department of Health Service under Certification Number 2147.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
NEI/GTEL Environmental Laboratories, Inc.

Terry R. Loucks
Laboratory Director

ANALYTICAL RESULTS
Volatile Organics

NEI/GTEL Client ID: 020200281
Login Number: W7060124
Project ID (number): 020200281
Project ID (name): SEARS/2633 TELEGRAPH AVE/MARTINEZ/CA

Method: EPA 8020A
Matrix: Aqueous

NEI/GTEL Sample Number	W7060124-01	W7060124-02	W7060124-03	W7060124-04
Client ID	MW-9	MW-1	MW-8	MW-2
Date Sampled	06/09/97	06/09/97	06/09/97	06/09/97
Date Analyzed	06/18/97	06/18/97	06/18/97	06/18/97
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:			
MTBE	10	ug/L	< 10.	< 10.	< 10.	< 10.
Benzene	0.5	ug/L	0.8	< 0.5	< 0.5	< 0.5
Toluene	1.0	ug/L	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	1.0	ug/L	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes (total)	2.0	ug/L	< 2.0	2.3	< 2.0	< 2.0
TPH as Gas	100	ug/L	130	340	110	< 100

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020A:

Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap and modified EPA Method 8015. Analyte list modified to include additional compounds. "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update II.

ANALYTICAL RESULTS
Volatile Organics

NEI/GTEL Client ID: 020200281
Login Number: W7060124
Project ID (number): 020200281
Project ID (name): SEARS/2633 TELEGRAPH AVE/MARTINEZ/CA

Method: EPA 8020A
Matrix: Aqueous

NEI/GTEL Sample Number	W7060124-05	W7060124-06	W7060124-07	W7060124-08
Client ID	MW-4	EW-1	TBLB	DUPMW4
Date Sampled	06/09/97	06/09/97		06/09/97
Date Analyzed	06/18/97	06/18/97	06/17/97	06/17/97
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:			
MTBE	10.	ug/L	< 10.	13.	--	--
Benzene	0.5	ug/L	< 0.5	8.3	< 0.5	< 0.5
Toluene	1.0	ug/L	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	1.0	ug/L	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes (total)	2.0	ug/L	< 2.0	< 2.0	< 2.0	< 2.0
TPH as Gas	100	ug/L	< 100	1400	--	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020A:

Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap and modified EPA Method 8015. Analyte list modified to include additional compounds. "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update II.

ANALYTICAL RESULTS
Total Petroleum Hydrocarbons By GC

NEI/GTEL Client ID: 020200281
Login Number: W7060124
Project ID (number): 020200281
Project ID (name): SEARS/2633 TELEGRAPH AVE/MARTINEZ/CA

Method: GC
Matrix: Aqueous

NEI/GTEL Sample Number	W7060124-01	W7060124-02	W7060124-03	W7060124-04
Client ID	MW-9	MW-1	MW-8	MW-2
Date Sampled	06/09/97	06/09/97	06/09/97	06/09/97
Date Prepared	06/12/97	06/12/97	06/12/97	06/12/97
Date Analyzed	06/14/97	06/14/97	06/14/97	06/14/97
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:			
TPH as Lubricating Oil	200	ug/L	350	< 200	< 200	2400

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

GC:

Extraction by EPA Method 3510 (liquid/liquid). ASTM Method D3328(modified) is used for qualitative identification of fuel patterns. The method has been modified to include quantitation by applying calibration and quality assurance guidelines outlined in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Lubricating oil can not be qualitatively identified by type of oil because of chromatographic likeness of different oil types. Due to non-volatility of certain oils, much of the oil present may not be quantified by this method. Quantitation obtained for lubricating oil by this method should, therefore, be treated as an estimate. This method quantifies lubricating oil against 10-W-30 standards.

ANALYTICAL RESULTS
Total Petroleum Hydrocarbons By GC

NEI/GTEL Client ID: 020200281
Login Number: W7060124
Project ID (number): 020200281
Project ID (name): SEARS/2633 TELEGRAPH AVE/MARTINEZ/CA

Method: GC
Matrix: Aqueous

NEI/GTEL Sample Number	W7060124-05	W7060124-06	--	--
Client ID	MW-4	EW-1	--	--
Date Sampled	06/09/97	06/09/97	--	--
Date Prepared	06/12/97	06/12/97		
Date Analyzed	06/14/97	06/14/97	--	--
Dilution Factor	1.00	1.00	--	--

Analyte	Reporting Limit	Units	Concentration:			
TPH as Lubricating Oil	200	ug/L	630	12000	--	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

GC:

Extraction by EPA Method 3510 (liquid/liquid). ASTM Method D3328(modified) is used for qualitative identification of fuel patterns. The method has been modified to include quantitation by applying calibration and quality assurance guidelines outlined in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Lubricating oil can not be qualitatively identified by type of oil because of chromatographic likeness of different oil types. Due to non-volatility of certain oils, much of the oil present may not be quantified by this method. Quantitation obtained for lubricating oil by this method should, therefore, be treated as an estimate. This method quantifies lubricating oil against 10-W-30 standards.

NEI/GTEL ENVIRONMENTAL LABORATORIES, INC.

4211 MAY STREET
WICHITA, KS 67209
(316) 945-2624
(800) 633-7936

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

No. 51669

Company Name: FLUOR DANIEL GTI
Phone #: (316) 370-3990
FAX #: (316) 370-3991
Company Address: 757 ARNOLD DR. SUITE D
Site Location: 2633 TELEGRAPH AVE
Project Manager: EILEEN BRENNAN
Client Project ID: (#) 020200281 030543
(NAME) SEARS TELEGRAPH
I attest that the proper field sampling procedures were used during the collection of these samples.
Sampler Name (Print): HECTOR MERINO

Field Sample ID	GTEL Lab # (Lab Use only)	# CONTAINERS	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	OTHER (Specify)	Sampling: DATE	TIME	BTEX 602 ☐ 8020 ☐ with MTBE ☐	BTEX/Gas Hydrocarbons PID/FID ☐ with MTBE ☒	Hydrocarbons GC/FID Gas ☐ Diesel ☐ Screen ☐	Hydrocarbon Profile (SIMDIS) ☐	Oil and Grease 413.1 ☐ 413.2 ☐ SM-503 ☐	TPH/IR 418.1 ☐ SM 503 ☐	EDB by 504 ☐ DBCP by 504 ☐	EPA 524.2 ☐ 503.1 ☐ EPA 502.2 ☐	EPA 601 ☐ EPA 8010 ☐	EPA 602 ☐ EPA 8020 ☐	EPA 608 ☐ 8080 ☐ PCB only ☐	EPA 624/PPL ☐ 8240/TAL ☐ NBS (+15) ☐ 8260 ☐	EPA 625/PPL ☐ 8270/TAL ☐ NBS (+25) ☐	EPA 610 ☐ 8310 ☐	EP TOX Metals ☐ Pesticides ☐ Herbicides ☐	TCLP Metals ☐ VOA ☐ Semi-VOA ☐ Pest ☐ Herb ☐	EPA Metals - Priority Pollutant ☐ TAL ☐ RCRA ☐	CAM Metals TTLC ☐ STLC ☐	Lead 239.2 ☐ 200.7 ☐ 7420 ☐ 7421 ☐ 6010 ☐	Organic Lead ☐	Corrosivity ☐ Flash Point ☐ Reactivity ☐	OTHER: TPH/MTBE GIL (8015)	BTEX (8020)
MW-9	01	6	X						X			X	X		6/9	13:00		X																	X	
MW-1	02	6	X						X			X	X			13:05		X																	X	
MW-8	03	6	X						X			X	X			13:10		X																	X	
MW-2	04	6	X						X			X	X			13:15		X																	X	
MW-4	05	6	X						X			X	X			13:20		X																	X	
EW-1	06	6	X						X			X	X			13:25		X																	X	
TBLB	07	1	X						X			X			6/9/97	11																			X	
DUPMW4	08	1	X						X			X				13:22																			X	

ANALYSIS REQUEST | OTHER

TAT
Priority (24 hr) ☐
Expedited (48 hr) ☐
7 Business Days ☐
Other CONTRACT Business Days ☐

Special Handling
GTEL Contact _____
Quote/Contract # _____
Confirmation # _____
P.O. # _____

QA/QC Level
Blue ☐ CLP ☐ Other ☐ _____

SPECIAL DETECTION LIMITS

REMARKS:

SPECIAL REPORTING REQUIREMENTS
FAX ☐

Lab Use Only Lot #: Storage Location
Work Order #:

CUSTODY RECORD

	Date	Time	
Relinquished by Sampler:			Received by:
Relinquished by:	6-9-97	14:30	Received by: Joe Weber
Relinquished by: Joe Weber 15:00	6-10-97	15:30	Received by:
	10/11/97	0837	Received by Laboratory: Jeremy Anderson
			Waybill #