URS

2003 THIRD QUARTER GROUNDWATER MONITORING REPORT
FORMER SEARS AUTO CENTER #1058B
2600 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA
CASE I.D. # STID 1082
FOR SEARS, ROEBUCK & CO.

URS Job No. 29863494
December 10, 2003

URS

December 10, 2003

Mr. Don Hwang
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Number 250
Alameda, California 94502

Subject: **2003 Third Quarter Groundwater Monitoring**
Former Sears Auto Center #1058B
2600 Telegraph Avenue
Case I.D. # STID 1082
For Sears, Roebuck & Co.

Dear Mr. Hwang:

Submitted with this letter is the 2003 Third Quarter Groundwater Monitoring Report prepared on behalf of Sears, Roebuck & Co. Please feel free to contact me at (714) 648 2793 if you have questions or comments.

Respectfully Submitted,

URS CORPORATION

J.S. Rowlands, R.G., C.HG.
Project Manager

cc: Mr. Scott DeMuth, Sears, Roebuck & Co.
Mr. Ryan Hartley, URS Corporation

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1.0 INTRODUCTION

This report has been prepared by URS Corporation on behalf of Sears, Roebuck & Co. (Sears). It presents results of the 2003 Third Quarter Groundwater Monitoring conducted at the above-referenced property (Site). The former Sears Auto Center is located at 2600 Telegraph Avenue in Oakland, California (Figure 1). The groundwater monitoring event consisted of gauging, purging, and sampling nine monitoring wells (MW-1 through MW-9) and one extraction well (EW-1).

The purpose of the groundwater monitoring event was to assess current groundwater conditions in the vicinity of removed gasoline underground storage tanks (USTs), associated fuel dispensers and product piping, and removed motor oil and used oil USTs. The removed gasoline USTs, fuel dispensing system, motor oil USTs and used oil UST were associated with a former Sears Auto Center (Figure 2). The work is being performed under regulatory oversight of the Alameda County Environmental Health Services (ACEHS) pursuant to quarterly monitoring and reporting requirements under Title 23, Division 3, Chapter 16 of the California Code of Regulations.

2.0 SITE DESCRIPTION

The Site is located at 2600 Telegraph Avenue, Oakland California (Figure 1). It is bordered by 27th Street to the north, Telegraph Avenue to the west, 26th Street to the south, and commercial and residential buildings to the east (Figure 2). The property is occupied by a single-story commercial structure and associated parking lots.

2.1 REGIONAL GEOLOGY AND HYDROGEOLOGY

The Site is approximately 1.5 miles east of the San Francisco Bay and three miles west of the Diablo Range in Oakland, California. The Site is located on the eastern flank of the San Francisco Basin, a broad Franciscan depression. The basement rock of the basin is respectively overlain by the Santa Clara Formation, the Alameda Formation, and the Temescal Formation. These formations consist of unconsolidated sediments ranging in total thickness from approximately 300 feet to 1,000 feet. The Pleistocene Santa Clara Formation consists primarily of alluvial fan deposits that are interspersed with lake, swamp, river channel, and flood plain deposits. The overlying Alameda Formation was deposited in an estuary environment and consists of organic clays and alluvial fan deposits of sands, gravels, and silts. The uppermost Holocene Temescal Formation is an alluvial deposit ranging in thickness from 1 to 50 feet and consists primarily of silts and clays with a basal gravel unit. (California Regional Water Quality Control Board [RWQCB], San Francisco Bay Region, June 1999).

The Site is located within the Oakland sub-area of the East Bay Plain groundwater basin. The East Bay Plain groundwater basin encompasses approximately 115 square miles and is bounded by San Pablo Bay to the north, Alameda County to the south, the Hayward Fault to the east, and San Francisco Bay to the west. Existing beneficial uses of groundwater within the East Bay Plain basin include municipal and domestic water supply, industrial process water supply, industrial service water supply, and agricultural water supply (RWQCB, June 1995).

Groundwater flow direction in the basin typically follows surface topography. Historical high production wells in the Oakland sub-area were screened at depths greater than 200 feet below ground surface (bgs), beneath the Yerba Buena Mud Member of the Alameda Formation. The Yerba Buena Mud is a black organic clay with an average thickness of 25 feet to 50 feet that forms an aquitard between upper and lower groundwater bearing units. From the 1860's until water importation programs were initiated in the 1930's, groundwater in the East Bay Plain was utilized as the primary municipal water source. Current beneficial uses of groundwater in the basin are minimal due to "readily available high quality imported surface water" (RWQCB, June 1999). Alameda County Well permit applications indicated 91% of groundwater wells within the basin are used for "backyard" or commercial irrigation, 8.6% of the wells are used for industrial process water, and 0.4% are used for drinking water supply (RWQCB, June 1999).

3.0 BACKGROUND

The Site consists of a Former Sears Auto Center converted to a commercial strip mall. A number of USTs were installed and operated in connection with the gasoline concession and auto center. Five 1,000-gallon motor oil USTs and one 2,000-gallon motor oil UST were previously located on the east side of the former auto center building. One 1,000-gallon used oil UST and two 10,000 gallon gasoline USTs were previously located on the west side of the former auto center building. The USTs were installed in the 1960s. The two 10,000-gallon USTs, associated with the gasoline concession were removed prior to 1990. American Environmental Management Corporation (AEMC) removed all the USTs containing motor oil and used oil in September 1990 (AEMC, October 1990). The former UST locations are shown on Figure 2.

Soil samples collected by AEMC from the motor oil and used oil UST excavations contained concentrations of total petroleum hydrocarbons as gasoline (TPHg) up to 39 milligrams per kilogram (mg/kg). Soil samples collected from the motor oil and used oil UST excavations contained concentrations of total petroleum hydrocarbons as diesel fuel (TPHd) up to 4,400 mg/kg. Benzene was detected in soil samples at concentrations up to 12 micrograms per kilogram (µg/kg). Toluene was detected in soil samples at concentrations up to 310 µg/kg. Ethylbenzene was detected in soil samples at concentrations up to 410 µg/kg. Xylenes were detected in soil samples at concentrations up to 3,000 µg/kg. Trichloroethene, tetrachloroethene, and acetone were also detected in three soil samples at concentrations ranging from 7 to 140 µg/kg.

Approximately 55 cubic yards of soil was excavated by AEMC during the motor oil and used oil UST removals and a subsequent excavation project. The excavated soil was transported from the Site and disposed at Gibson Asphalt Recylers in Bakersfield, California (AEMC, January 1991). Confirmation samples collected from the excavations contained less than 60 mg/kg of TPHd. Ethylbenzene and xylenes were detected in one soil sample at concentrations of 13 µg/kg and 14 µg/kg, respectively.

AEMC conducted a Phase II assessment of soil and groundwater on the west side of the former Auto Center in the areas of the removed gasoline and used oil USTs during February 1991 (AEMC, August 1991). Due to drill refusal, soil samples were not collected from depths greater than 15 feet bgs. TPHg was detected in soil samples at concentrations up to 6.3 mg/kg. TPHd was "non-detect" (ND) in all soil samples. TPH as oil and grease was detected in soil samples at concentrations up to 930 mg/kg. Benzene was detected in soil samples at concentrations up to 100 µg/kg. Toluene was detected in soil samples at concentrations up to 300 µg/kg. Ethylbenzene was detected in soil samples at concentrations up to 170 µg/kg. Xylenes were detected in soil samples at concentrations up to 280 µg/kg.

TPHg was detected in Hydropunch™ groundwater samples collected during the AEMC Phase II assessment at concentrations up to 18,000 µg/L. TPH oil and grease was detected in Hydropunch™ groundwater samples at concentrations up to 7,000 mg/L. Benzene, toluene, ethylbenzene and xylenes (BTEX) were detected in Hydropunch™ groundwater samples at concentrations up to 240 µg/L.

Since December 1992, a total of nine groundwater monitoring wells (MW-1 to MW-9) and one groundwater extraction well (EW-1) have been installed to evaluate the extent of petroleum hydrocarbon-affected groundwater beneath the Site. However, Well EW-1 has never been utilized for groundwater extraction and has only been used for monitoring purposes. Groundwater monitoring wells MW-1, MW-2, MW-3, MW-4, and MW-5 have been monitored on a periodic basis since December 1992. Wells MW-6, MW-7, and MW-8 have been monitored on a periodic basis since December 1993. Wells MW-9 and EW-1 have been monitored on a periodic basis since December 1996.

The historical groundwater monitoring data indicates that separate phase product was periodically present in well MW-3 from September 1993 until August 2000, and has not been observed in subsequent quarterly monitoring events. Historical chemical analysis results indicated that the separate phase product observed in well MW-3 consists of TPHg, TPHd, and oil range hydrocarbons (TPHo).

The highest dissolved phase concentrations of TPHg, TPHd, TPHo, benzene, toluene, ethylbenzene, and total xylenes (BTEX) and the fuel oxygenate Methyl tert-Butyl Ether (MTBE) historically detected in groundwater samples collected from the Site are summarized in the following table:

Historical Maximum Concentrations

Analyte	Well	Concentration (µg/L)	Date of Detection
TPHg	MW-3	7,800	02/25/00
TPHd	MW-3	1,026	06/06/02
TPHo	MW-3	130,000	02/25/00
Benzene	EW-1	83	06/09/97
Toluene	MW-3	6	08/25/97
Ethylbenzene	MW-3	5	08/25/97
Total Xylenes	MW-3	27	11/15/95
MTBE	EW-1	30	02/12/98

A summary of the historical chemical analytical results for previous groundwater monitoring events is provided as Appendix C. It should be noted that the gasoline USTs were removed from the Site prior to the widespread use of MTBE, and the detected concentrations may be "false positives" that were not confirmed by EPA analysis method 8260B.

4.0 HEALTH AND SAFETY PLAN

Pursuant to Health and Safety Code 1910.120, and prior to initiating the field activities, URS prepared a site-specific Health & Safety (H&S) plan to:

- Identify and describe potentially hazardous substances which may be encountered during field operations;
- Specify protective equipment and clothing for onsite activities; and
- Outline measures to be implemented in the event of an emergency.

URS field personnel reviewed the H&S plan prior to commencing the field procedures. Field monitoring activities were recorded in the H&S Plan and maintained in the project files at URS's Santa Ana office. A copy of the H&S Plan remained onsite during field operations.

5.0 QUARTERLY GROUNDWATER MONITORING

The 2003 Third Quarter Groundwater Monitoring was performed on September 26th, 2003. The monitoring consisted of gauging, purging and sampling nine monitoring wells (MW-1 through MW-9) and one extraction well (EW-1). A description of the monitoring procedures is presented below.

5.1 GROUNDWATER GAUGING

Prior to sampling, water levels were measured relative to the surveyed top of casing using a Solinst water level indicator. Water level data was recorded to the nearest 0.01 foot. Each groundwater monitoring well was also checked for the presence of separate phase product using a product interface probe. Separate phase product was not observed in any of the wells. Groundwater depths and elevations for the 2003 Third quarter are listed in Table 1 and historical data is included in Appendix A.

5.2 GROUNDWATER SAMPLING

Groundwater samples were collected from the wells after purging approximately three casing volumes of well water using a Grundfos RediFlo 2™ submersible pump. The wells were purged at a rate of approximately one-half to one gallon per minute (gpm). Groundwater purged from the wells was monitored for various field parameters including temperature, pH, electrical conductivity, dissolved oxygen (DO), oxidation reduction potential (ORP), and turbidity using a YSI™ multi-parameter meter equipped with a flow-through cell. Measured field parameters are listed in Table 1. The "post-purge" groundwater samples were collected from the disposable discharge tubing of the sampling pump following well purging.

The downhole pump was cleaned prior to use and between wells by washing in a solution of Alconox and tap water, rinsing in tap water, final rinsing in deionized water, and air drying. Pre-cleaned, disposable, polyethylene discharge tubing was attached to the pump following each decontamination and was changed between each well purging event. A blind duplicate sample was also collected from well MW-1 and labeled DUP-1. One equipment blank sample, labeled EB-1, was collected by pumping deionized water from a clean container through the pump and clean, disposable, polyethylene tubing into sample containers following decontamination procedures.

Sample containers and handling procedures conformed to the established protocols for each specific parameter as described in EPA SW-846. The sample bottles, once filled and preserved as required, were properly labeled. The label included well identification number, sample number, date and time sampled, job number, Site/client name and location, and sampling personnel's initials. The sealed and labeled samples were placed in an ice chest maintained at a temperature between 4 and 7 degrees centigrade and transported to Southland Technical Services, Inc.,(STS), a California Department of Health Services (DHS) accredited laboratory. A trip blank (TB-1), prepared by STS, remained in the ice chest during sample collection and transport. Chain-of-custody records were maintained throughout the sampling program, a copy of which is included in Appendix B.

5.3 WELL HEAD MAINTENANCE

As part of the quarterly monitoring program, each well head is inspected to ensure that wells are properly sealed and secured. The routine well maintenance associated with the quarterly groundwater sampling consists of: inspection of water-tight well caps and locks on all monitoring wells and replacement as necessary; replacement of missing or damaged bolts on well box covers; and removal and replacement of damaged well boxes and associated concrete aprons. The well heads were in good condition and no maintenance was required this quarter.

5.4 LABORATORY ANALYSES

Groundwater samples were submitted to STS in Montebello, California for analysis. The groundwater samples, duplicate and equipment blank samples were analyzed for TPHg, TPHd, and TPHo by modified EPA Method 8015M. The samples were also analyzed for volatile organic compounds (VOCs) including BTEX, the fuel oxygenates MTBE, Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME), tert-Butanol (TBA), ethanol, and the lead scavengers 1,2-Dibromoethane (EDB) and 1,2-Dichloroethane (EDC or 1,2-DCA). The trip blank was analyzed for TPHg by EPA method 8015M and VOCs by EPA Method 8260B. Analyses results for the groundwater samples are summarized in Table 2. Copies of the laboratory reports are included in Appendix B.

5.5 WASTE MANAGEMENT

Purge water and decontamination water were collected and stored in two 55-gallon DOT-approved drums. Containers were numbered, and labeled with the date, and contents to identify the source of the wastes. The containers were stored onsite in a designated area and properly disposed by a licensed waste transporter contracted to Sears following review of the chemical analysis data.

6.0 FINDINGS

6.1 SHALLOW GROUNDWATER CONDITIONS

Historical groundwater measurements collected since June 1996 indicate that the potentiometric surface beneath the Site has fluctuated from approximately 9 feet to 14 feet bgs, or 12 feet to 18 feet above mean sea level (msl). The measured depth to water during the 2003 third quarter monitoring ranged from 10.68 feet to 12.70 feet bgs, or approximately 13.69 feet to 16.23 feet above msl. Groundwater elevation contours and groundwater flow vectors were generated by a geostatistical gridding method using SURFER™, a graphical, contouring software program. The resultant groundwater contours indicate a southerly groundwater flow direction with a gradient of approximately 0.015. A groundwater elevation contour map, based on the 2003 third quarter water level measurements, is provided as Figure 3.

6.2 LABORATORY ANALYTICAL RESULTS

TPHg was detected in three of the ten groundwater samples (MW-3, MW-9, and EW-1) with concentrations ranging from 78 µg/L (MW-9) to 846µg/L (EW-1). TPHd and TPHo were ND in all groundwater samples. MTBE was detected in three of the ten groundwater samples (MW-4, MW-9, and EW-1) with concentrations ranging from 2.0 µg/L (MW-4 and EW-1) to 2.2 µg/L (MW-9). All other VOC analytes including BTEX, DIPE, ETBE, TAME, TBA, EDB, EDC, and ethanol were ND in the groundwater samples.

Chemical analysis results of the 2003 Third Quarter Groundwater Monitoring event are presented in Table 2. Copies of the laboratory reports and chain-of-custody documents are included in Appendix B. A Site map showing TPHg, TPHd, TPHo concentrations for the 2003 third quarter is provided as Figure 4. URS conducted a check of data completeness for the analytical laboratory reports. Results indicate that "these data are considered to be usable for meeting project objectives." A copy of URS's Data Validation Summary is included as Appendix C.

7.0 DISCUSSION

Results of the 2003 Third Quarter Groundwater Monitoring indicate that detectable concentrations of TPHg ranging from 78 µg/L to 846 µg/L are present in three of ten wells sampled (MW-3, MW-9, EW-1). The three wells are located down gradient of the former gasoline and oil USTs. MTBE was detected in three of the ten wells sampled (MW-4, MW-9, EW-1) with concentrations ranging from 2.0 µg/L to 2.2 µg/L. The gasoline USTs were reportedly out of service and/or removed from the Site prior to the widespread use of fuel oxygenates (MTBE, ETBE, DIPE, TAME, and TBA). Therefore, an alternate source or sources should be considered in evaluating the origin of the MTBE detected in groundwater samples collected from the monitoring wells this quarter.

VOCs commonly associated with TPHg, such as BTEX were not detected in any of the groundwater samples collected during this sampling event. In addition, there have been no measurable separate phase petroleum hydrocarbons in well MW-3 for 12 consecutive quarterly monitoring events.

Groundwater flow is towards the south with a gradient of 0.015. Groundwater flow direction and gradient are consistent with previous monitoring events. Rose diagrams for historical groundwater gradient and flow direction based on the last 15 monitoring events are included as Appendix D. The potentiometric surface to groundwater beneath the Site has decreased an average of 0.39 feet since the last monitoring event conducted in June 2003.

The groundwater monitoring well network effectively defines the dissolved phase hydrocarbon plume onsite. Results from this and previous groundwater monitoring events show that the residual dissolved phase hydrocarbon plume is shrinking. Based on beneficial uses of groundwater in the Site vicinity, and the constituent concentrations detected during this and previous quarterly groundwater monitoring events, there is no apparent risk of petroleum hydrocarbon exposure to surface or groundwater receptors in the area.

A Work Plan to drill and sample confirmation soil borings in the areas of the removed USTs (URS, January 23, 2003) was submitted to the ACEHS in January 2003 for review. ACEHS reviewed the Work Plan and requested in correspondence dated July 8, 2003 that two technical comments be addressed in a Work Plan Addendum. The technical comments were addressed in a Work Plan Addendum dated June 5, 2003 and submitted to ACEHS. A response to the Work Plan Addendum from ACEHS is pending. Data collected from the confirmation borings will be used to evaluate the Site for closure in accordance with the City of Oakland Urban Land Redevelopment (ULR) Program and Regional Water Quality Control Board, San Francisco Region (RWQCB) guidance documents.

8.0 SCHEDULE

The 2003 fourth quarter groundwater monitoring event is scheduled to be conducted during December 2003 and will include the sampling of all 10 wells (MW-1 through MW-9, and EW-1). The confirmation soil borings will be completed following review and approval of the Work Plan and Work Plan Addendum by ACEHS. ACEHS will be notified of upcoming field activities.

Should you have any questions or comments, please do not hesitate to contact us.

Respectfully Submitted,

URS CORPORATION

Joseph Liles
Senior Staff Geologist

J.S. Rowlands, R.G., C.HG.
Senior Project Geologist

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Table 1
2003 Third Quarter Groundwater Levels and Field Parameters
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

Monitoring Well No.	Date Collected	Notes	Sample Date	GROUNDWATER LEVELS				GROUNDWATER SAMPLING FIELD PARAMETERS					
				Product Thickness (feet)	Depth to Groundwater (feet bgs)	Casing Elevation (MSL)	Groundwater Elevation (MSL)	Temperature (Celsius)	pH	Electrical Conductivity (µS/cm)	Turbidity (NTU)	O.R.P. (mv)	Dissolved Oxygen (mg/L)
MW-1	9/26/2003	--	9/26/2003	NA	11.60	26.19	14.59	23.83	6.35	534	5.0	19.2	0.11
MW-2	9/26/2003	--	9/26/2003	NA	11.00	26.41	15.41	22.79	6.57	604	6.6	153.8	0.19
MW-3	9/26/2003	--	9/26/2003	NA	12.52	26.23	13.71	22.23	6.62	697	0.4	-137.3	0.11
MW-4	9/26/2003	--	9/26/2003	NA	11.75	26.07	14.32	23.51	6.40	679	24.7	81.0	0.18
MW-5	9/26/2003	--	9/26/2003	NA	10.68	26.91	16.23	23.68	6.43	608	3.6	13.7	0.12
MW-6	9/26/2003	--	9/26/2003	NA	11.13	24.29	13.16	22.34	6.27	483	3.8	160.9	0.09
MW-7	9/26/2003	--	9/26/2003	NA	11.60	24.84	13.24	22.27	6.24	810	1.9	18.9	0.21
MW-8	9/26/2003	--	9/26/2003	NA	12.56	26.00	13.44	23.42	6.31	720	0.6	-24.0	0.15
MW-9	9/26/2003	--	9/26/2003	NA	12.26	24.67	12.41	22.22	6.52	709	0.5	-92.8	0.15
EW-1	9/26/2003	--	9/26/2003	NA	12.70	26.39	13.69	22.26	6.62	715	0.0	-136.6	0.00

Notes: MSL - Mean Sea Level
bgs - below ground surface
Groundwater Elevation reference to MSL
Groundwater Elevation = Casing Elevation - Depth to Groundwater.
SP - Separate phase product in well

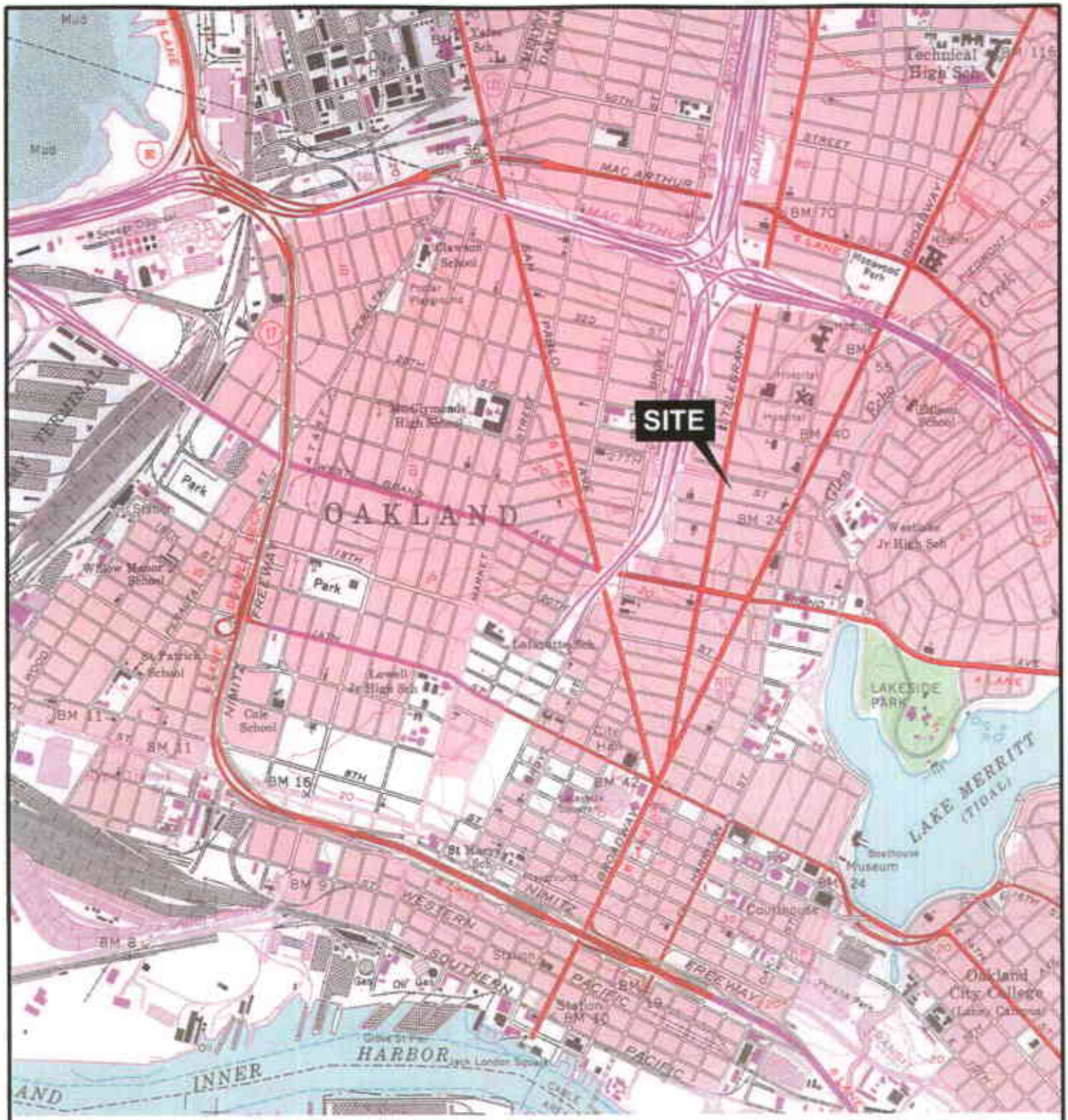
µS/cm - microSiemens per centimeter
mV - millivolt
mg/L - milligrams per liter
NTU - nephelometric turbidity units
O.R.P. - Oxidation Reduction Potential
NA - Not analyzed/Not available.

Table 2
2003 Second Quarter Groundwater Analytical Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

Monitoring Well No.	Sample Date	Notes	TPH (EPA Method 8015M)			Volatile Organics (EPA Method 8260B)											
			TPHg (µg/L)	TPH_d (µg/L)	TPH_o (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	EDC (µg/L)	Ethanol (µg/L)
MW-1	9/26/2003	1	< 50	< 500	< 2000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 10	< 5	< 5	< 500
	9/26/2003	1,2	< 50	--	--	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 10	< 5	< 5	< 500
MW-2	9/26/2003	1	< 50	< 500	< 2000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 10	< 5	< 5	< 500
MW-3	9/26/2003	1	**522**	< 500	< 2000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 10	< 5	< 5	< 500
MW-4	9/26/2003	1	< 50	< 500	< 2000	< 1	< 1	< 1	< 2	**2**	< 2	< 2	< 2	< 10	< 5	< 5	< 500
MW-5	9/26/2003	1	< 50	< 500	< 2000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 10	< 5	< 5	< 500
MW-6	9/26/2003	1	< 50	< 500	< 2000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 10	< 5	< 5	< 500
MW-7	9/26/2003	1	< 50	< 500	< 2000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 10	< 5	< 5	< 500
MW-8	9/26/2003	1	< 50	< 500	< 2000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 10	< 5	< 5	< 500
MW-9	9/26/2003	1	**78**	< 500	< 2000	< 1	< 1	< 1	< 2	**2.2**	< 2	< 2	< 2	< 10	< 5	< 5	< 500
EW-1	9/26/2003	1	**846**	< 500	< 2000	< 1	< 1	< 1	< 2	**2**	< 2	< 2	< 2	< 10	< 5	< 5	< 500

Notes: 1. "Post-purge" sample
2. Duplicate sample analysis.
-- = Either not present, not measured, or not calculated.
Detected concentrations are depicted in bold
< = Analytical result less than the method detection limit indicated.
NA= Not analyzed/Not available.
µg/L= micrograms per liter

TPHg = Total Petroleum Hydrocarbons as gasoline range hydrocarbons by EPA Method 8015 (modified).
TPHd = Total Petroleum Hydrocarbons as diesel range hydrocarbons by EPA Method 8015 (modified).
TRPo = Total Petroleum Hydrocarbons as oil range by EPA Method 8015 (modified)
MTBE = Methyl Tertiary Butyl Ether
DIPE - Di-isopropyl Ether
TAME - Tertiary Amyl Methyl Ether
TBA - Tertiary Butyl Alcohol
ETBE - Ethyl Tertiary Butyl Ether
EDB - 1,2-Dibromoethane
EDC- 1,2-Dichloroethane



REFERENCE: USGS 7.5 Minute Series Oakland West, CA Quad, 1959, Photorevised 1980

FIGURE 1

VICINITY MAP

FORMER SEARS AUTO CENTER #1058
2600 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA
For Sears, Roebuck & Co.

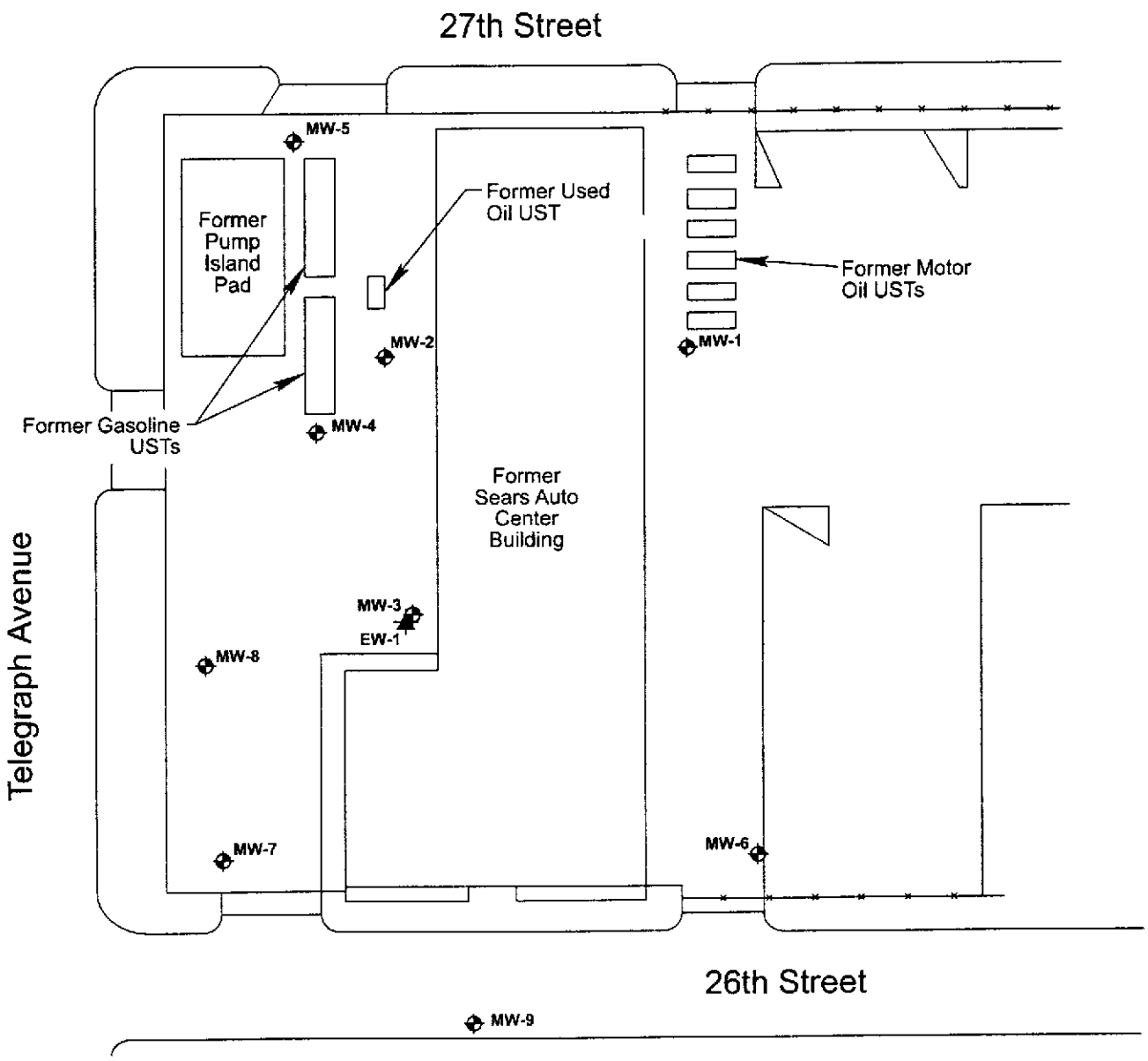
N

0 1/2 1

Scale in Miles

URS

L:\sears\topo #1058b.fh10 4/02



LEGEND

MW-8 — MONITORING WELL LOCATION

EW-1 — EXTRACTED WELL LOCATION

CHAIN LINK FENCE

0 20 40

Scale in Feet

PLOT PLAN

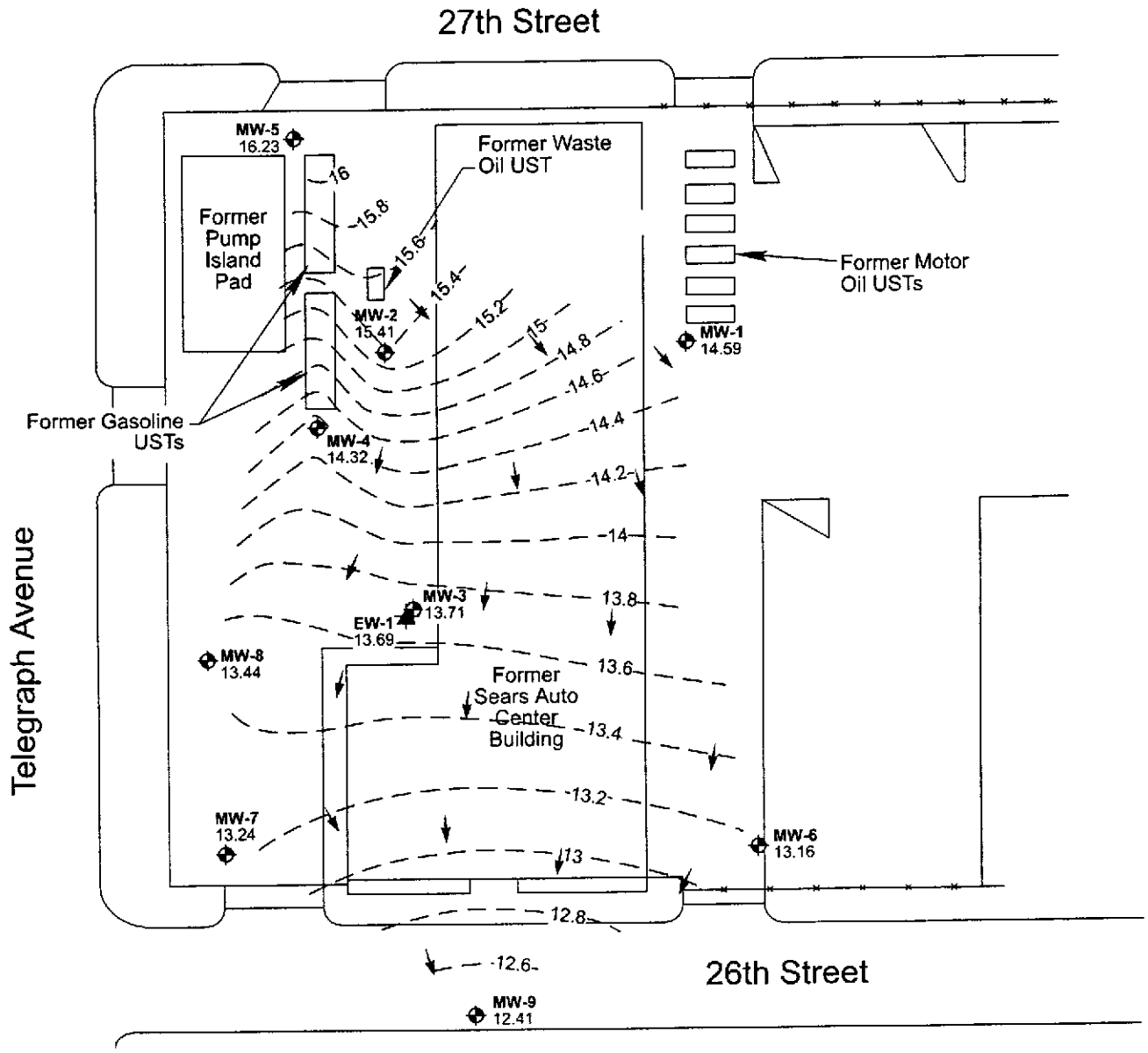
Project: Sears Auto Center #1058,
2600 Telegraph Avenue, Oakland, CA

Project No.: 29863494

Figure 2

URS

L:/Sears/figure 2 #1058.fh10 10/02



LEGEND

- MW-8 13.44 — MONITORING WELL LOCATION AND GROUNDWATER POTENTIOMETRIC ELEVATION
- EW-1 — EXTRACTION WELL LOCATION
- CHAIN LINK FENCE
- 14.2 — GROUNDWATER ELEVATION CONTOUR (MSL)
- GROUNDWATER FLOW VECTOR

0 20 40

Scale in Feet

2003 THIRD QUARTER GROUNDWATER CONTOUR MAP

Project: Sears Auto Center #1058B, 2600 Telegraph Avenue, Oakland, CA

Project No.: 29863494

Date Measured: SEPTEMBER 26, 2003

Figure 3

URS

L:/Sears/Oakland/GW contour 3rd qrt 03 oakl 1058B.FH10 10/03

APPENDIX A

HISTORICAL GROUNDWATER MONITORING RESULTS

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

			GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
Well No.	Notes	Sample Period	Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-1		12/30/92	10.60	--	0.00	26.20	15.60	---	---	---	1	1	1	2	2	---	---
MW-1		02/26/93	10.14	--	0.00	26.20	16.06	---	---	---	---	---	---	---	---	---	---
MW-1		03/24/93	10.48	--	0.00	26.20	15.72	---	---	---	1	0.4	1	0.32	10	---	---
MW-1		04/27/93	11.30	--	0.00	26.20	14.90	---	---	---	---	---	---	---	---	---	---
MW-1		05/28/93	11.43	--	0.00	26.20	14.77	---	---	---	---	---	---	---	---	---	---
MW-1		06/21/93	11.71	--	0.00	26.20	14.49	---	---	< **100	---	< 0.3	1	< 0.3	6	---	---
MW-1		07/22/93	11.87	--	0.00	26.20	14.33	---	---	---	---	---	---	---	---	---	---
MW-1		08/13/93	11.94	--	0.00	26.20	14.26	---	---	---	---	---	---	---	---	---	---
MW-1		09/16/93	12.05	--	0.00	26.20	14.15	---	---	< **100	---	< 0.3	0.7	2	7	---	---
MW-1		10/22/93	12.00	--	0.00	26.20	14.20	---	---	---	---	---	---	---	---	---	---
MW-1		11/03/93	12.10	--	0.00	26.20	14.10	---	---	---	---	---	---	---	---	---	---
MW-1		12/01/93	11.46	--	0.00	26.20	14.74	---	---	---	---	0.4	1	---	7	---	---
MW-1		12/27/93	11.58	--	0.00	26.20	14.62	---	---	---	---	---	---	---	---	---	---
MW-1		12/30/93	--	--	--	26.20	--	---	---	< 100	---	---	---	1	---	---	---
MW-1		01/05/94	11.69	--	0.00	26.20	14.51	---	---	---	---	---	---	---	---	---	---
MW-1		02/08/94	11.87	--	0.00	26.20	14.33	---	---	---	---	---	---	---	---	---	---
MW-1		03/09/94	11.08	--	0.00	26.20	15.12	---	---	< 100	---	< 0.3	< 0.3	2.4	4.2	---	---
MW-1		04/01/94	11.47	--	0.00	26.20	14.73	---	---	---	---	---	---	---	---	---	---
MW-1		05/10/94	10.77	--	0.00	26.20	15.43	---	---	---	---	---	---	---	---	---	---
MW-1		06/30/94	11.82	--	0.00	26.20	14.38	---	---	< 100	---	0.6	0.7	1.4	15	---	---
MW-1		07/28/94	11.90	--	0.00	26.20	14.30	---	---	---	---	---	---	---	---	---	---
MW-1		08/31/94	11.94	--	0.00	26.20	14.26	---	---	---	---	---	---	---	---	---	---
MW-1		09/27/94	12.04	--	0.00	26.20	14.16	---	---	< *250	---	0.9	0.5	< 0.3	10	---	---
MW-1		10/28/94	12.06	--	0.00	26.20	14.14	---	---	---	---	---	---	---	---	---	---
MW-1		11/15/94	10.02	--	0.00	26.20	16.18	---	---	---	---	---	---	---	---	---	---
MW-1		12/01/94	10.61	--	0.00	26.20	15.59	---	---	< *250	---	0.4	0.4	< 0.3	6.6	---	---
MW-1		01/04/95	9.93	--	0.00	26.20	16.27	---	---	---	---	---	---	---	---	---	---
MW-1		02/01/95	9.56	--	0.00	26.20	16.64	---	---	---	---	---	---	---	---	---	---
MW-1		03/08/95	10.51	--	0.00	26.20	15.69	---	---	< *250	---	< 0.3	0.6	4.7	2.7	---	---
MW-1		04/03/95	--	--	--	26.20	--	---	---	---	---	---	---	---	---	---	---
MW-1		05/18/95	10.80	--	0.00	26.20	15.40	---	---	---	---	---	---	---	---	---	---
MW-1		06/09/95	11.18	--	0.00	26.20	15.02	---	---	< *250	---	< 0.3	1.4	3.9	5.6	---	---
MW-1		07/13/95	11.27	--	0.00	26.20	14.93	---	---	---	---	---	---	---	---	---	---
MW-1		08/03/95	11.48	--	0.00	26.20	14.72	---	---	---	---	---	---	---	---	---	---
MW-1		08/29/95	11.56	--	0.00	26.20	14.64	---	---	< *250	---	0.3	0.9	< 0.5	2.8	---	---
MW-1		09/15/95	11.71	--	0.00	26.20	14.49	---	---	---	---	---	---	---	---	---	---
MW-1		10/20/95	11.80	--	0.00	26.20	14.40	---	---	---	---	---	---	---	---	---	---
MW-1		11/15/95	11.61	--	0.00	26.20	14.59	---	---	< *200	---	< 0.5	< 0.5	< 1.0	27	---	---

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

Well No.	Notes	Sample Period	GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
			Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-1		01/15/96	11.21	--	0.00	26.20	14.99	--	--	--	--	--	--	--	--	--	--
MW-1		03/05/96	9.35	--	0.00	26.20	16.85	--	--	< [c]200	--	< 0.5	< 1.0	< 1.0	< 2.0	--	--
MW-1		04/19/96	10.60	--	0.00	26.20	15.60	--	--	--	--	--	--	--	--	--	--
MW-1		05/10/96	11.18	--	0.00	26.20	15.02	--	--	--	--	--	--	--	--	--	--
MW-1		06/03/96	10.90	--	0.00	26.20	15.30	340	--	< [c]200	--	< 0.5	< 1.0	3.7	3.4	--	--
MW-1		09/04/96	11.31	--	0.00	26.20	14.89	390	--	310	--	< 0.5	< 1.0	< 1.0	< 2.0	--	--
MW-1		12/02/96	10.61	--	0.00	26.20	15.59	400	--	< [c]200	--	< 0.5	< 1.0	< 1.0	2.7	--	--
MW-1		02/26/97	10.31	--	0.00	26.20	15.89	390	--	< [c]200	--	< 0.5	< 1.0	< 1.0	4.5	--	--
MW-1		06/09/97	11.25	--	0.00	26.20	14.95	340	--	< 200	--	< 0.5	< 1.0	< 0.5	2.3	< 10	--
MW-1		08/25/97	11.15	--	0.00	26.20	15.05	220	--	< 200	--	< 0.5	< 0.5	< 0.5	3	< 5	--
MW-1		11/28/97	10.07	--	0.00	26.20	16.13	340	--	< 200	--	< 0.5	< 0.5	< 0.5	3	6.0	--
MW-1		02/12/98	8.70	--	0.00	26.20	17.50	280	--	< 200	--	< 0.5	< 0.5	< 0.5	< 2.0	< 5	--
MW-1		05/20/98	10.89	--	0.00	26.20	15.31	340	--	< 200	--	< 0.5	< 0.5	0.8	3	< 5	--
MW-1		08/11/98	11.60	--	0.00	26.20	14.60	230	--	< 500	--	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	--
MW-1		11/10/98	11.10	--	0.00	26.20	15.10	150	--	< 250	--	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--
MW-1		02/11/99	9.40	--	0.00	26.20	16.80	260	--	< 500	--	< 0.50	< 0.50	1	1.6	6.7	--
MW-1		05/11/99	11.05	--	0.00	26.20	15.15	160	--	< 250	--	< 0.5	0.54	< 0.5	4.7	< 2.5	--
MW-1		08/10/99	11.66	--	0.00	26.20	14.54	230	--	< 250	--	< 0.5	0.79	< 0.5	2.8	< 2.0	--
MW-1		10/26/99	12.90	--	0.00	26.20	13.30	95	--	< 250	--	< 0.5	< 0.5	0.64	1.2	< 2.5	--
MW-1		02/25/00	9.80	--	0.00	26.20	16.40	330	--	310	--	< 0.5	< 0.5	< 0.5	< 0.5	1.6	--
MW-1		05/03/00	10.90	--	0.00	26.20	15.30	220	--	< 100	--	< 0.5	< 0.5	< 0.5	< 0.5	1.5	--
MW-1		08/02/00	11.40	--	0.00	26.20	14.80	170	--	< 100	--	< 0.5	< 0.5	< 0.5	< 0.5	1.1	--
MW-1		11/07/00	10.83	--	0.00	26.20	15.37	250	--	< 100	--	< 0.5	< 0.5	< 0.5	< 0.5	0.9	--
MW-1		02/15/01	9.40	--	0.00	26.20	16.80	350	--	200	--	< 0.5	< 0.5	< 0.5	< 0.5	1.0	--
MW-1		04/26/01	10.43	--	0.00	26.20	15.77	310	--	200	--	< 0.5	< 0.5	< 0.5	< 0.5	1.5	--
MW-1		07/23/01	11.27	--	0.00	26.20	14.93	180	--	< 100	--	< 0.5	< 0.5	< 0.5	< 0.5	1.7	--
MW-1		11/01/01	10.90	--	0.00	26.20	15.30	200	--	120	--	< 0.5	< 0.5	< 0.5	< 0.5	1.6	--
MW-1	2	03/28/02	9.80	--	0.00	26.20	16.40	120	92	< 500	--	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	--
MW-1	2	06/06/02	10.44	--	0.00	26.19	15.75	147	< 500	< 2,000	--	< 1	< 1	< 1	< 2	< 2	--
MW-1	2,3	06/06/02	10.44	--	0.00	26.19	15.75	107	< 500	< 2,000	--	< 1	< 1	< 1	< 2	< 2	--
MW-1	2	09/07/02	11.31	--	0.00	26.19	14.88	95	< 500	< 2,000	--	< 1	< 1	< 1	< 2	< 2	--
MW-1	2	12/11/2002	11.25	--	0.00	26.19	14.94	< 50	< 500	< 2,000	--	< 1	< 1	< 1	< 2	< 2	--
MW-1	2	3/12/2003	10.79	--	0.00	26.19	15.40	< 50	< 500	< 2,000	--	< 1	< 1	< 1	< 2	< 2	--
MW-1	2	6/5/2003	10.98	--	0.00	26.19	15.21	86	< 500	< 2,000	--	< 1	< 1	< 1	< 2	< 2	--
MW-1	2	9/26/2003	11.60	--	0.00	26.19	14.59	< 50	< 500	< 2,000	--	< 1	< 1	< 1	< 2	< 2	--
MW-1	2,3	9/26/2003	11.60	--	0.00	26.19	14.59	< 50	< 500	< 2,000	--	< 1	< 1	< 1	< 2	< 2	--
MW-2		12/30/92	10.65	--	0.00	26.50	15.85	190	--	--	1	0.7	< 0.3	< 0.3	3	--	[a]ND
MW-2		02/26/93	10.56	--	0.00	26.50	15.94	--	--	--	--	--	--	--	--	--	--
MW-2		03/24/93	10.52	--	0.00	26.50	15.98	120	--	--	< 1	0.6	< 0.3	< 0.3	2	--	[a]ND
MW-2		04/27/93	11.17	--	0.00	26.50	15.33	--	--	--	--	--	--	--	--	--	--

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

Well No.	Notes	Sample Period	GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
			Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-2		05/28/93	11.12	--	0.00	26.50	15.38	---	---	---	---	---	---	---	---	---	---
MW-2		06/21/93	11.41	--	0.00	26.50	15.09	82	---	< **100	---	0.3	< 0.3	< 0.3	0.7	---	[c]ND
MW-2		07/22/93	11.50	--	0.00	26.50	15.00	---	---	---	---	---	---	---	---	---	---
MW-2		08/13/93	11.54	--	0.00	26.50	14.96	---	---	---	---	---	---	---	---	---	---
MW-2		09/16/93	11.62	--	0.00	26.50	14.88	28	---	< **100	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[c]ND
MW-2		10/22/93	11.57	--	0.00	26.50	14.93	---	---	---	---	---	---	---	---	---	---
MW-2		11/03/93	11.65	--	0.00	26.50	14.85	---	---	---	---	---	---	---	---	---	---
MW-2		11/24/93	11.52	--	0.00	26.50	14.98	---	---	---	---	---	---	---	---	---	---
MW-2		12/01/93	11.08	--	0.00	26.50	15.42	68	---	---	---	< 0.3	< 0.3	< 0.3	1	---	[c]ND
MW-2		12/27/93	11.27	--	0.00	26.50	15.23	---	---	---	---	---	---	---	---	---	---
MW-2		12/30/93	--	--	--	26.50	--	---	---	310	---	---	---	---	---	---	--
MW-2		01/05/94	11.39	--	0.00	26.50	15.11	---	---	---	---	---	---	---	---	---	---
MW-2		02/08/94	11.49	--	0.00	26.50	15.01	---	---	---	---	---	---	---	---	---	---
MW-2		03/09/94	11.06	--	0.00	26.50	15.44	47	---	< 100	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-2		04/01/94	11.25	--	0.00	26.50	15.25	---	---	---	---	---	---	---	---	---	---
MW-2		05/10/94	10.83	--	0.00	26.50	15.67	---	---	---	---	---	---	---	---	---	---
MW-2		06/30/94	11.44	--	0.00	26.50	15.06	< 10	---	100	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-2		07/28/94	11.48	--	0.00	26.50	15.02	---	---	---	---	---	---	---	---	---	---
MW-2		08/31/94	11.56	--	0.00	26.50	14.94	---	---	---	---	---	---	---	---	---	---
MW-2		09/27/94	11.61	--	0.00	26.50	14.89	< 10	---	< [e]250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[d]15
MW-2		10/28/94	11.65	--	0.00	26.50	14.85	---	---	---	---	---	---	---	---	---	---
MW-2		11/15/94	9.65	--	0.00	26.50	16.85	---	---	---	---	---	---	---	---	---	---
MW-2		12/01/94	10.71	--	0.00	26.50	15.79	54	---	[f]1,300	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[d]6
MW-2		01/04/95	10.11	--	0.00	26.50	16.39	---	---	---	---	---	---	---	---	---	---
MW-2		02/01/95	10.38	--	0.00	26.50	16.12	---	---	---	---	---	---	---	---	---	---
MW-2		03/08/95	10.80	--	0.00	26.50	15.70	< 10	---	3,000	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-2		04/03/95	10.61	--	0.00	26.50	15.89	---	---	---	---	---	---	---	---	---	---
MW-2		05/18/95	10.95	--	0.00	26.50	15.55	---	---	---	---	---	---	---	---	---	---
MW-2		06/09/95	11.13	--	0.00	26.50	15.37	< 50	---	2,000	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-2		07/13/95	11.15	--	0.00	26.50	15.35	---	---	---	---	---	---	---	---	---	---
MW-2		08/03/95	11.26	--	0.00	26.50	15.24	---	---	---	---	---	---	---	---	---	---
MW-2		08/29/95	11.32	--	0.00	26.50	15.18	< 50	---	4,300	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[b]20
MW-2		09/15/95	11.42	--	0.00	26.50	15.08	---	---	---	---	---	---	---	---	---	---
MW-2		10/20/95	11.42	--	0.00	26.50	15.08	---	---	---	---	---	---	---	---	---	---
MW-2		11/15/95	11.37	--	0.00	26.50	15.13	< 50	---	6,100	---	< 0.5	< 0.5	< 0.5	< 0.5	---	ND
MW-2		01/15/96	11.10	--	0.00	26.50	15.40	---	---	---	---	---	---	---	---	---	---
MW-2		03/05/96	10.24	--	0.00	26.50	16.26	< 100	---	3,200	---	< 0.5	< 1.0	< 1.0	< 2.0	---	ND
MW-2		04/19/96	10.84	--	0.00	26.50	15.66	---	---	---	---	---	---	---	---	---	---

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

			GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
Well No.	Notes	Sample Period	Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-2		05/10/96	11.13	--	0.00	26.50	15.37	---	---	---	---	---	---	---	---	---	---
MW-2		06/03/96	10.94	--	0.00	26.50	15.56	---	---	---	---	---	---	---	---	---	---
MW-2		06/04/96	--	--	--	26.50	--	< 100	---	3,800	---	< 0.5	< 1.0	< 1.0	< 2.0	---	ND
MW-2		09/04/96	11.24	--	0.00	26.50	15.26	< 100	---	3,100	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-2		12/02/96	10.80	--	0.00	26.50	15.70	< 100	---	2,200	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-2		02/26/97	10.70	--	0.00	26.50	15.80	< 100	---	2,100	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-2		06/09/97	11.10	--	0.00	26.50	15.40	< 100	---	2,400	---	< 0.5	< 1.0	< 1.0	< 2.0	< 10	---
MW-2		08/25/97	11.05	--	0.00	26.50	15.45	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-2		11/28/97	10.59	--	0.00	26.50	15.91	< 50	---	1,900	---	0.6	< 0.5	< 0.5	< 2.0	< 5	---
MW-2		02/12/98	10.04	--	0.00	26.50	16.46	< 50	---	1,600	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-2		05/20/98	10.84	--	0.00	26.50	15.66	< 50	---	3,100	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-2		08/11/98	11.56	--	0.00	26.50	14.94	< 50	---	1,200	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---
MW-2		11/10/98	11.02	--	0.00	26.50	15.48	< 50	---	820	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	---
MW-2		02/11/99	10.17	--	0.00	26.50	16.33	< 50	---	< 500	---	< 0.50	< 0.50	< 0.50	< 0.50	3.3	---
MW-2		05/11/99	10.96	--	0.00	26.50	15.54	< 50	---	1,400	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---
MW-2		08/10/99	11.27	--	0.00	26.50	15.23	---	---	---	---	---	---	---	---	---	---
MW-2		10/26/99	12.03	--	0.00	26.50	14.47	---	---	---	---	---	---	---	---	---	---
MW-2		02/25/00	9.95	--	0.00	26.50	16.55	< 50	---	980	---	< 0.5	< 0.5	< 0.5	< 0.5	1.4	---
MW-2		05/03/00	10.78	--	0.00	26.50	15.72	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	0.6	---
MW-2		08/02/00	11.02	--	0.00	26.50	15.48	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	1.0	---
MW-2		11/07/00	10.74	--	0.00	26.50	15.76	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	1.4	---
MW-2		02/15/01	10.16	--	0.00	26.50	16.34	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	1.0	---
MW-2		04/27/01	10.60	--	0.00	26.50	15.90	< 50	---	340	---	< 0.5	< 0.5	< 0.5	< 0.5	0.6	---
MW-2		07/23/01	11.00	--	0.00	26.50	15.50	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	1.2	---
MW-2		11/01/01	11.00	--	0.00	26.50	15.50	< 50	---	240	---	< 0.5	< 0.5	< 0.5	< 0.5	1.4	---
MW-2	5	03/28/02	10.42	--	0.00	26.50	16.08	---	---	---	---	---	---	---	---	---	---
MW-2	5	06/06/02	10.57	--	0.00	26.41	15.84	---	---	---	---	---	---	---	---	---	---
MW-2	2	09/07/02	11.00	--	0.00	26.41	15.41	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	---
MW-2	5	12/11/02	10.86	--	0.00	26.41	15.64	---	---	---	---	---	---	---	---	---	---
MW-2	2	03/12/03	10.43	--	0.00	26.41	15.98	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	---
MW-2	2	06/05/03	10.70	--	0.00	26.41	15.71	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	---
MW-2	2	09/26/03	11.00	--	0.00	26.41	15.41	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	---
MW-3		12/30/92	12.43	--	0.00	26.34	13.91	910	---	SPH	20	11	0.9	< 0.3	2	---	[b]ND
MW-3		02/26/92	12.21	--	0.00	26.34	14.13	---	---	---	---	---	---	---	---	---	---
MW-3		03/24/93	12.36	--	0.00	26.34	13.98	3,300	---	SPH	28	28	0.7	1	8	---	*[b]15
MW-3		04/27/93	12.70	--	0.00	26.34	13.64	---	---	---	---	---	---	---	---	---	---
MW-3		05/28/93	12.72	--	0.00	26.34	13.62	---	---	---	---	---	---	---	---	---	---
MW-3		06/21/93	12.87	--	0.00	26.34	13.47	**2,600	---	32,000	26	21	5	2	19	---	[cd]5
MW-3		07/22/93	12.92	--	0.00	26.34	13.42	---	---	---	---	---	---	---	---	---	---

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

Well No.	Notes	Sample Period	GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
			Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-3		08/13/93	12.96	--	0.00	26.34	13.38	---	---	---	---	---	---	---	---	---	---
MW-3		09/16/93	13.05	13.01	0.04	26.34	13.32	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		10/22/93	--	--	--	26.34	--	---	---	---	---	---	---	---	---	---	---
MW-3		11/03/93	13.24	13.13	0.11	26.34	13.19	---	---	---	---	---	---	---	---	---	---
MW-3		11/24/94	12.96	12.94	0.02	26.34	13.40	---	---	---	---	---	---	---	---	---	---
MW-3		12/01/93	12.73	12.71	0.02	26.34	13.63	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		12/27/93	12.81	12.77	0.04	26.34	13.56	---	---	---	---	---	---	---	---	---	---
MW-3		01/05/94	12.87	12.85	0.02	26.34	13.49	---	---	---	---	---	---	---	---	---	---
MW-3		02/08/94	12.37	--	0.00	26.34	13.97	---	---	---	---	---	---	---	---	---	---
MW-3		03/09/94	12.53	--	0.00	26.34	13.81	2,000	---	**5,700	**63	2	1.4	4.5	13	---	*ND
MW-3		04/01/94	12.64	--	0.00	26.34	13.70	---	---	---	---	---	---	---	---	---	---
MW-3		05/10/94	12.32	--	0.00	26.34	14.02	---	---	---	---	---	---	---	---	---	---
MW-3		06/30/94	12.86	12.84	0.02	26.34	13.50	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		07/28/94	12.97	12.93	0.04	26.34	13.40	---	---	---	---	---	---	---	---	---	---
MW-3		08/31/94	13.07	13.04	0.03	26.34	13.29	---	---	---	---	---	---	---	---	---	---
MW-3		09/27/94	13.24	13.13	0.11	26.34	13.19	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		10/28/94	13.52	13.30	0.22	26.34	13.00	---	---	---	---	---	---	---	---	---	---
MW-3		11/15/94	11.08	11.05	0.03	26.34	15.28	---	---	---	---	---	---	---	---	---	---
MW-3		12/01/94	11.92	11.90	0.02	26.34	14.44	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		01/04/95	11.81	11.80	0.01	26.34	14.54	---	---	---	---	---	---	---	---	---	---
MW-3		02/01/95	12.02	12.00	0.02	26.34	14.34	---	---	---	---	---	---	---	---	---	---
MW-3		03/08/95	12.40	12.35	0.05	26.34	13.98	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		04/03/95	12.13	12.09	0.04	26.34	14.24	---	---	---	---	---	---	---	---	---	---
MW-3		05/18/95	12.46	12.43	0.03	26.34	13.90	---	---	---	---	---	---	---	---	---	---
MW-3		06/09/95	12.62	12.60	0.02	26.34	13.74	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		07/13/95	12.64	12.55	0.09	26.34	13.77	---	---	---	---	---	---	---	---	---	---
MW-3		08/03/95	12.67	12.64	0.03	26.34	13.69	---	---	---	---	---	---	---	---	---	---
MW-3		08/29/95	12.68	12.65	0.03	26.34	13.68	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		09/15/95	13.14	13.00	0.14	26.34	13.31	---	---	---	---	---	---	---	---	---	---
MW-3		10/20/95	12.89	12.86	0.03	26.34	13.47	---	---	---	---	---	---	---	---	---	---
MW-3		11/15/95	12.88	12.81	0.07	26.34	13.52	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		01/15/96	12.73	12.60	0.13	26.34	13.71	---	---	---	---	---	---	---	---	---	---
MW-3		03/05/96	11.72	11.68	0.04	26.34	14.65	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		04/19/96	12.38	12.36	0.02	26.34	13.98	---	---	---	---	---	---	---	---	---	---
MW-3		05/10/96	11.95	11.93	0.02	26.34	14.41	---	---	---	---	---	---	---	---	---	---
MW-3		06/03/96	13.36	12.93	0.43	26.34	13.32	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		09/04/96	12.65	12.60	0.05	26.34	13.73	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH
MW-3		12/02/96	12.14	12.11	0.03	26.34	14.22	SPH	---	SPH	SPH	SPH	SPH	SPH	SPH	---	SPH

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

			GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
Well No.	Notes	Sample Period	Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-3		02/26/97	12.04	12.03	0.01	26.34	14.31	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	—	SPH
MW-3		06/09/97	12.43	12.39	0.04	26.34	13.94	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
MW-3		08/25/97	12.31	12.28	0.03	26.34	14.05	5,600	—	110,000	—	5	6	5	16	< 30	—
MW-3		11/28/97	12.16	12.13	0.03	26.34	14.20	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
MW-3		02/12/98	11.88	11.85	0.03	26.34	14.48	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
MW-3		05/20/98	12.54	12.51	0.03	26.34	13.82	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
MW-3		08/11/98	13.15	12.97	0.18	26.34	13.33	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	SPH	—
MW-3		11/10/98	12.57	12.54	0.03	26.34	13.79	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
MW-3		02/11/99	11.77	11.75	0.02	26.34	14.59	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
MW-3		05/11/99	12.52	--	0.00	26.34	13.82	530	—	59,000	—	5.2	< 0.5	< 0.5	< 0.5	< 2.0	—
MW-3		08/10/99	13.64	13.50	0.14	26.34	12.81	2,200	—	54,000	—	< 0.5	< 0.5	< 0.5	< 0.5	2.2	—
MW-3		10/26/99	13.04	13.01	0.03	26.34	13.32	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	SPH	SPH
MW-3		02/25/00	11.41	--	0.00	26.34	14.93	7,800	—	130,000	—	< 5.0	< 5.0	< 5.0	< 5.0	20	—
MW-3		05/03/00	12.30	--	0.00	26.34	14.04	1,100	—	42,000	—	< 0.5	< 0.5	< 0.5	< 0.5	2.2	—
MW-3		08/02/00	12.80	12.61	0.19	26.34	13.69	SPH	—	SPH	SPH	SPH	SPH	SPH	SPH	—	—
MW-3		11/07/00	12.18	--	0.00	26.34	14.16	1,100	—	13,000	—	< 0.5	< 0.5	< 0.5	< 0.5	1.6	—
MW-3		02/15/01	11.61	--	0.00	26.34	14.73	430	—	73,000	—	< 0.5	< 0.5	< 0.5	< 0.5	0.7	—
MW-3		04/26/01	12.06	–	sheen	26.34	14.28	4,100	—	110,000	—	< 0.5	< 0.5	< 0.5	< 0.5	1.4	—
MW-3		07/23/01	12.60	–	0.00	26.34	13.74	1,200	—	64,000	—	< 0.5	< 0.5	< 0.5	< 0.5	1.7	—
MW-3		11/01/01	12.66	–	0.00	26.34	13.68	1,200	—	19,000	—	< 0.5	< 0.5	< 0.5	< 0.5	1.4	—
MW-3	2	03/28/02	11.96	–	0.00	26.34	14.38	800	640	950	—	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	—
MW-3	2	06/06/02	11.91	--	0.00	26.23	14.32	870	1,026	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-3	2	09/07/02	12.81	--	0.00	26.23	13.42	347	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-3	2	12/11/02	12.43	--	0.00	26.23	13.91	876	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-3	2	03/12/03	12.11	--	0.00	26.23	14.12	801	< 500	< 2,000	—	< 1	< 1	< 1	< 2	2.9	—
MW-3	2	06/05/03	12.12	--	0.00	26.23	14.11	640	< 500	< 2,000	—	< 1	< 1	< 1	< 2	2.9	—
MW-3	2	09/26/03	12.52	--	0.00	26.23	13.71	522	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-4		12/30/92	11.53	–	sheen	26.17	14.64	1,200	—	—	< 1	2	< 0.3	1	< 0.5	—	*ND
MW-4		02/26/93	11.35	–	0.00	26.17	14.82	—	—	—	—	—	—	—	—	—	—
MW-4		03/24/93	11.46	--	0.00	26.17	14.71	750	—	—	2	< 0.3	< 0.3	< 0.3	< 0.5	—	*7
MW-4		04/27/93	11.74	--	0.00	26.17	14.43	—	—	—	—	—	—	—	—	—	—
MW-4		05/28/93	11.77	--	0.00	26.17	14.40	—	—	—	—	—	—	—	—	—	—
MW-4		06/21/93	11.92	--	0.00	26.17	14.25	660	—	19,000	—	< 0.3	2	< 0.3	0.5	—	*ND
MW-4		07/22/93	11.95	--	0.00	26.17	14.22	—	—	—	—	—	—	—	—	—	—
MW-4		08/13/93	12.01	--	0.00	26.17	14.16	—	—	—	—	—	—	—	—	—	—
MW-4		09/16/93	12.08	--	0.00	26.17	14.09	410	—	2,500	—	0.3	< 0.3	2	3	—	*ND
MW-4		10/22/93	12.03	--	0.00	26.17	14.14	—	—	—	—	—	—	—	—	—	—
MW-4		11/03/93	12.10	--	0.00	26.17	14.07	—	—	—	—	—	—	—	—	—	—
MW-4		11/24/93	12.02	--	0.00	26.17	14.15	—	—	—	—	—	—	—	—	—	—

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

			GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
Well No.	Notes	Sample Period	Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-4		12/01/93	11.78	--	0.00	26.17	14.39	150	—	390	---	< 0.3	< 0.3	< 0.3	< 0.5	---	*ND
MW-4		12/27/93	11.80	--	0.00	26.17	14.37	—	---	---	---	---	—	—	---	---	---
MW-4		01/05/94	11.91	--	0.00	26.17	14.26	---	---	---	—	—	—	---	---	---	—
MW-4		02/08/94	11.85	--	0.00	26.17	14.32	---	---	---	—	—	---	---	---	---	—
MW-4		03/09/94	11.61	--	0.00	26.17	14.56	1,500	---	780	—	0.7	0.8	2	3.6	—	*ND
MW-4		04/01/94	11.73	--	0.00	26.17	14.44	—	—	---	---	---	---	—	—	---	---
MW-4		05/10/94	11.49	--	0.00	26.17	14.68	—	---	---	---	---	—	—	—	---	---
MW-4		06/30/94	11.90	--	0.00	26.17	14.27	450	---	130	---	< 0.3	1.7	0.5	1	---	ND
MW-4		07/28/94	11.97	--	0.00	26.17	14.20	---	---	—	—	—	—	---	---	---	---
MW-4		08/31/94	12.06	--	0.00	26.17	14.11	---	—	---	—	—	---	---	---	---	---
MW-4		09/27/94	12.11	--	0.00	26.17	14.06	110	---	1,100	---	0.5	< 0.3	< 0.3	< 0.5	---	ND
MW-4		10/28/94	12.18	--	0.00	26.17	13.99	---	—	---	---	---	---	---	---	—	—
MW-4		11/15/94	10.72	--	0.00	26.17	15.45	—	---	---	---	---	---	—	—	—	---
MW-4		12/01/94	11.37	--	0.00	26.17	14.80	290	---	580	---	0.6	0.5	0.3	0.8	---	< *5
MW-4		01/04/95	11.20	--	0.00	26.17	14.97	---	---	—	—	---	---	---	---	---	---
MW-4		02/01/95	11.16	--	0.00	26.17	15.01	---	—	—	---	---	—	---	---	---	---
MW-4		03/08/95	11.49	--	0.00	26.17	14.68	360	---	1,000	---	< 0.3	< 0.3	< 0.3	< 0.5	—	< *5
MW-4		04/03/95	11.35	--	0.00	26.17	14.82	---	---	---	---	—	—	---	---	---	---
MW-4		05/08/95	11.56	--	0.00	26.17	14.61	---	---	---	—	—	---	---	---	---	---
MW-4		06/09/95	11.72	--	0.00	26.17	14.45	64	—	1,100	—	< 0.3	0.4	< 0.3	< 0.5	---	< *5
MW-4		07/13/95	11.72	--	0.00	26.17	14.45	---	—	—	---	---	---	---	---	---	---
MW-4		08/31/95	11.81	--	0.00	26.17	14.36	—	---	---	---	---	---	---	—	—	—
MW-4		08/29/95	11.88	--	0.00	26.17	14.29	< 0.5	—	1,200	---	< 0.3	< 0.3	< 0.3	< 0.5	—	< *5
MW-4		09/15/95	11.99	--	0.00	26.17	14.18	---	---	---	---	---	—	—	—	—	—
MW-4		10/20/95	12.00	--	0.00	26.17	14.17	---	---	---	---	---	—	—	—	—	—
MW-4		11/15/95	11.96	--	0.00	26.17	14.21	< 0.5	---	2,100	---	< 0.5	< 0.5	< 0.5	< 0.5	---	*ND
MW-4		01/15/96	11.71	--	0.00	26.17	14.46	---	—	—	—	---	---	---	---	---	—
MW-4		03/05/96	11.02	--	0.00	26.17	15.15	< 100	---	590	---	< 0.5	< 1.0	< 1.0	< 2.0	---	*ND
MW-4		04/19/96	11.51	--	0.00	26.17	14.66	—	---	---	---	—	—	—	—	—	—
MW-4		05/10/96	11.74	--	0.00	26.17	14.43	---	---	---	---	—	—	—	—	—	—
MW-4		06/03/96	11.60	--	0.00	26.17	14.57	---	---	---	—	—	---	---	---	---	---
MW-4		06/04/96	---	--	—	26.17	---	< 100	—	860	—	< 0.5	< 1.0	< 1.0	< 2.0	---	ND
MW-4		09/04/96	11.85	--	0.00	26.17	14.32	< 100	---	600	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-4		12/02/96	11.45	--	0.00	26.17	14.72	< 100	---	940	---	< 0.5	< 1.0	< 1.0	< 2.0	—	—
MW-4		02/26/97	11.42	--	0.00	26.17	14.75	< 100	---	390	---	< 0.5	< 1.0	< 1.0	< 2.0	—	—
MW-4		06/09/97	11.70	--	0.00	26.17	14.47	< 100	---	630	---	< 0.5	< 1.0	< 1.0	< 2.0	< 10	—
MW-4		08/25/97	11.63	--	0.00	26.17	14.54	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	—
MW-4		11/28/97	11.27	--	0.00	26.17	14.90	120	---	< 200	—	3.6	3.9	3.7	12	< 5	—

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

Well No.	Notes	Sample Period	GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
			Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-4		02/12/98	11.00	--	0.00	26.17	15.17	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-4		05/20/98	11.62	--	0.00	26.17	14.55	< 50	---	300	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-4		08/11/98	11.90	--	0.00	26.17	14.27	< 50	---	< 500	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---
MW-4		11/10/98	11.65	--	0.00	26.17	14.52	62	---	610	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	---
MW-4		02/11/99	10.87	--	0.00	26.17	15.30	140	---	< 500	---	< 0.50	2.4	1.3	6.5	8.0	---
MW-4		05/11/99	11.66	--	0.00	26.17	14.51	< 50	---	330	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	---
MW-4		08/10/99	11.95	--	0.00	26.17	14.22	470	---	< 250	---	< 0.5	< 0.5	< 0.5	2.6	2.5	---
MW-4		10/26/99	11.40	--	0.00	26.17	14.77	< 50	---	1,300	---	< 0.5	< 0.5	< 0.5	< 0.5	3.5/2.2[1]	---
MW-4		02/25/00	10.75	--	0.00	26.17	15.42	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	2.4	---
MW-4		05/03/00	11.55	--	0.00	26.17	14.62	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	2.5	---
MW-4		08/02/00	11.70	--	0.00	26.17	14.47	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	2.9	---
MW-4		11/07/00	11.45	--	0.00	26.17	14.72	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	2.9	---
MW-4		02/15/01	10.98	--	0.00	26.17	15.19	< 50	---	< 100	---	< 0.5/0.5[1]	< 0.5/0.5[1]	< 0.5/0.5[1]	< 0.5/0.5[1]	2.4	---
MW-4		04/26/01	11.35	--	0.00	26.17	14.82	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	2.8	---
MW-4		07/23/01	11.79	--	0.00	26.17	14.38	< 50	---	< 100	---	< 0.5/0.5[1]	< 0.5/0.5[1]	< 0.5/0.5[1]	< 0.5/0.5[1]	2.5	---
MW-4		11/01/01	11.77	--	0.00	26.17	14.40	< 50	---	< 100	---	< 0.5/0.5[1]	< 0.5/0.5[1]	< 0.5/0.5[1]	< 0.5/0.5[1]	3.3	---
MW-4	2	03/28/02	11.17	--	0.00	26.17	15.00	< 50	< 50	< 500	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	---
MW-4	2	06/06/02	11.29	--	0.00	26.07	14.78	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	---
MW-4	2	09/07/02	11.80	--	0.00	26.07	14.27	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.2	---
MW-4	2	12/11/02	11.60	--	0.00	26.07	14.57	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.2	---
MW-4	2	03/12/03	11.39	--	0.00	26.07	14.68	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.8	---
MW-4	2	06/05/03	11.45	--	0.00	26.07	14.62	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	3.0	---
MW-4	2	09/26/03	11.75	--	0.00	26.07	14.32	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.0	---
MW-5		12/30/92	10.50	--	0.00	26.98	16.48	37	---	---	< 1	< 0.3	< 0.3	< 0.3	< 0.5	---	[b]<5
MW-5		02/26/93	10.12	--	0.00	26.98	16.86	---	---	---	---	---	---	---	---	---	---
MW-5		03/24/93	10.31	--	0.00	26.98	16.67	19	---	---	2	< 0.3	< 0.3	< 0.3	0.5	---	[c]341
MW-5		04/27/93	10.75	--	0.00	26.98	16.23	---	---	---	---	---	---	---	---	---	---
MW-5		05/28/93	10.80	--	0.00	26.98	16.18	---	---	---	---	---	---	---	---	---	---
MW-5		06/21/93	10.94	--	0.00	26.98	16.04	< 10	---	< 100	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[c]ND
MW-5		07/22/93	11.01	--	0.00	26.98	15.97	---	---	---	---	---	---	---	---	---	---
MW-5		08/13/93	11.07	--	0.00	26.98	15.91	---	---	---	---	---	---	---	---	---	---
MW-5		09/16/93	11.18	--	0.00	26.98	15.80	< 10	---	< 100	---	0.3	< 0.3	< 0.3	1	---	[c]ND
MW-5		10/22/93	11.19	--	0.00	26.98	15.79	---	---	---	---	---	---	---	---	---	---
MW-5		11/03/93	11.23	--	0.00	26.98	15.75	---	---	---	---	---	---	---	---	---	---
MW-5		11/24/93	12.00	--	0.00	26.98	14.98	---	---	---	---	---	---	---	---	---	---
MW-5		12/01/93	10.84	--	0.00	26.98	16.14	17	---	---	---	< 0.3	< 0.3	< 0.3	1	---	[c]ND
MW-5		12/27/93	10.81	--	0.00	26.98	16.17	---	---	---	---	---	---	---	---	---	---
MW-5		12/30/93	--	--	--	--	--	---	---	< 100	---	---	---	---	---	---	--
MW-5		01/05/94	10.96	--	0.00	26.98	16.02	---	---	---	---	---	---	---	---	---	---

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

			GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
Well No.	Notes	Sample Period	Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-5		02/08/94	10.94	--	0.00	26.98	16.04	---	---	---	---	---	---	---	---	---	---
MW-5		03/09/94	10.54	--	0.00	26.98	16.44	22	---	< 100	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[c]ND
MW-5		04/01/94	10.77	--	0.00	26.98	16.21	---	---	---	---	---	---	---	---	---	---
MW-5		05/10/94	10.44	--	0.00	26.98	16.54	---	---	---	---	---	---	---	---	---	---
MW-5		06/30/94	10.88	--	0.00	26.98	16.10	< 10	---	< 100	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-5		07/28/94	10.98	--	0.00	26.98	16.00	---	---	---	---	---	---	---	---	---	---
MW-5		08/31/94	11.07	--	0.00	26.98	15.91	---	---	---	---	---	---	---	---	---	---
MW-5		09/27/94	11.12	--	0.00	26.98	15.86	< 10	---	560	---	0.5	0.4	< 0.3	< 0.5	---	ND
MW-5		10/28/94	11.21	--	0.00	26.98	15.77	---	---	---	---	---	---	---	---	---	---
MW-5		11/15/94	10.05	--	0.00	26.98	16.93	---	---	---	---	---	---	---	---	---	---
MW-5		12/01/94	10.39	--	0.00	26.98	16.59	< 10	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-5		01/04/95	10.18	--	0.00	26.98	16.80	---	---	---	---	---	---	---	---	---	---
MW-5		02/01/95	9.93	--	0.00	26.98	17.05	---	---	---	---	---	---	---	---	---	---
MW-5		03/08/95	10.35	--	0.00	26.98	16.63	< 10	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-5		04/03/95	10.15	--	0.00	26.98	16.83	---	---	---	---	---	---	---	---	---	---
MW-5		05/18/95	10.43	--	0.00	26.98	16.55	---	---	---	---	---	---	---	---	---	---
MW-5		06/09/95	10.62	--	0.00	26.98	16.36	< 50	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[d]7
MW-5		07/13/95	10.76	--	0.00	26.98	16.22	---	---	---	---	---	---	---	---	---	---
MW-5		08/03/95	10.82	--	0.00	26.98	16.16	---	---	---	---	---	---	---	---	---	---
MW-5		08/29/95	10.91	--	0.00	26.98	16.07	< 50	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[b]36
MW-5		09/15/95	11.00	--	0.00	26.98	15.98	---	---	---	---	---	---	---	---	---	---
MW-5		10/20/95	11.02	--	0.00	26.98	15.96	---	---	---	---	---	---	---	---	---	---
MW-5		11/15/95	11.95	--	0.00	26.98	15.03	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 0.5	---	ND
MW-5		01/15/96	10.57	--	0.00	26.98	16.41	---	---	---	---	---	---	---	---	---	---
MW-5		03/05/96	9.81	--	0.00	26.98	17.17	< 100	---	< 200	---	< 0.5	< 1.0	< 1.0	< 2.0	---	ND
MW-5		04/19/96	10.32	--	0.00	26.98	16.66	---	---	---	---	---	---	---	---	---	---
MW-5		05/10/96	10.56	--	0.00	26.98	16.42	---	---	---	---	---	---	---	---	---	---
MW-5		06/03/96	10.46	--	0.00	26.98	16.52	---	---	---	---	---	---	---	---	---	---
MW-5		09/04/96	10.86	--	0.00	26.98	16.12	< 100	---	310	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-5		12/02/96	10.45	--	0.00	26.98	16.53	---	---	---	---	---	---	---	---	---	---
MW-5		02/26/97	10.38	--	0.00	26.98	16.60	< 100	---	< 200	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-5		06/09/97	10.78	--	0.00	26.98	16.20	---	---	---	---	---	---	---	---	---	---
MW-5		08/25/97	10.69	--	0.00	26.98	16.29	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-5		11/28/97	10.15	--	0.00	26.98	16.83	---	---	---	---	---	---	---	---	---	---
MW-5		02/12/98	9.55	--	0.00	26.98	17.43	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 0.5	< 5	---
MW-5		05/20/98	10.29	--	0.00	26.98	16.69	---	---	---	---	---	---	---	---	---	---
MW-5		08/11/98	10.67	--	0.00	26.98	16.31	< 50	---	< 500	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---
MW-5		11/10/98	10.59	--	0.00	26.98	16.39	---	---	---	---	---	---	---	---	---	---

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

			GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
Well No.	Notes	Sample Period	Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-5		02/11/99	9.75	--	0.00	26.98	17.23	< 50	---	< 500	---	< 0.5	< 0.5	< 0.5	< 0.5	3.2	---
MW-5		05/11/99	10.38	--	0.00	26.98	16.60	---	---	---	---	---	---	---	---	---	---
MW-5		08/10/99	10.77	--	0.00	26.98	16.21	< 50	---	< 250	---	< 0.5	< 0.5	> 0.5	< 0.5	5.6	---
MW-5		10/26/99	10.95	--	0.00	26.98	16.03	---	---	---	---	---	---	---	---	---	---
MW-5		02/25/00	9.50	--	0.00	26.98	17.48	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	3.5	---
MW-5		05/03/00	10.40	--	0.00	26.98	16.58	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	2.9	---
MW-5		08/02/00	10.70	--	0.00	26.98	16.28	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	5.2	---
MW-5		11/07/00	10.38	--	0.00	26.98	16.60	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	4.2	---
MW-5		02/15/01	9.77	--	0.00	26.98	17.21	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	3.1	---
MW-5		04/26/01	10.17	--	0.00	26.98	16.81	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	2.4	---
MW-5		07/23/01	10.64	--	0.00	26.98	16.34	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	3.5	---
MW-5		11/01/01	10.58	--	0.00	26.98	16.40	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	3.8	---
MW-5	2	03/28/02	10.02	--	0.00	26.98	16.96	< 50	< 50	< 500	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	---
MW-5	2	06/06/02	10.20	--	0.00	26.91	16.71	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	---
MW-5	2	09/07/02	10.62	--	0.00	26.91	16.29	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.0	---
MW-5	2	12/11/02	10.40	--	0.00	26.91	16.58	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.0	---
MW-5	2	03/12/03	10.37	--	0.00	26.91	16.54	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.6	---
MW-5	2	06/05/03	10.40	--	0.00	26.91	16.51	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.0	---
MW-5	2	09/26/03	10.68	--	0.00	26.91	16.23	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	---
MW-6		12/27/93	11.24	--	0.00	24.32	13.08	< 10	---	< 100	<1	< 0.3	< 0.3	< 0.3	< 0.5	---	[e]70
MW-6		01/05/94	11.39	--	0.00	24.32	12.93	---	---	---	---	---	---	---	---	---	---
MW-6		02/08/94	11.15	--	0.00	24.32	13.17	---	---	---	---	---	---	---	---	---	---
MW-6		03/09/94	10.97	--	0.00	24.32	13.35	15	---	< 100	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[f]ND
MW-6		04/01/94	11.25	--	0.00	24.32	13.07	---	---	---	---	---	---	---	---	---	---
MW-6		05/10/94	10.78	--	0.00	24.32	13.54	---	---	---	---	---	---	---	---	---	---
MW-6		06/30/94	11.49	--	0.00	24.32	12.83	< 10	---	< 100	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-6		07/28/94	11.59	--	0.00	24.32	12.73	---	---	---	---	---	---	---	---	---	---
MW-6		08/31/94	11.56	--	0.00	24.32	12.76	---	---	---	---	---	---	---	---	---	---
MW-6		09/27/94	11.65	--	0.00	24.32	12.67	< 10	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[d]8
MW-6		10/28/94	11.59	--	0.00	24.32	12.73	---	---	---	---	---	---	---	---	---	---
MW-6		11/15/94	10.24	--	0.00	24.32	14.08	---	---	---	---	---	---	---	---	---	---
MW-6		12/01/94	10.30	--	0.00	24.32	14.02	< 10	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[z]32
MW-6		01/04/95	9.81	--	0.00	24.32	14.51	---	---	---	---	---	---	---	---	---	---
MW-6		02/01/95	10.01	--	0.00	24.32	14.31	---	---	---	---	---	---	---	---	---	---
MW-6		03/08/95	10.64	--	0.00	24.32	13.68	< 10	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-6		04/03/95	10.26	--	0.00	24.32	14.06	---	---	---		---	---	---	---	---	---
MW-6		05/18/95	10.81	--	0.00	24.32	13.51	---	---	---		---	---	---	---	---	---
MW-6		06/09/95	11.07	--	0.00	24.32	13.25	< 10	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-6		07/13/95	10.91	--	0.00	24.32	13.41	---	---	---		---	---	---	---	---	---

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

Well No.	Notes	Sample Period	GROUNDWATER LEVELS: Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	LABORATORY ANALYTICAL RESULTS: TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-6		08/03/95	11.15	--	0.00	24.32	13.17	—	—	—		—	—	—	—	—	—
MW-6		08/29/95	11.09	--	0.00	24.32	13.23	> 50	—	< 250	—	< 0.3	< 0.3	< 0.3	< 0.5	—	[b]24
MW-6		09/15/95	11.35	--	0.00	24.32	12.97	—	—	—		—	—	—	—	—	—
MW-6		10/20/95	11.32	--	0.00	24.32	13.00	—	—	—		—	—	—	—	—	—
MW-6		11/15/95	11.20	--	0.00	24.32	13.12	< 50	—	< 200	—	< 0.5	< 0.5	< 0.5	< 0.5	—	[z]31
MW-6		01/15/96	10.83	--	0.00	24.32	13.49	—	—	—			—	—	—	—	—
MW-6		03/05/96	9.60	--	0.00	24.32	14.72	< 100	—	< 200	—	< 0.5	< 1.0	< 1.0	< 2.0	—	ND
MW-6		04/19/96	10.71	--	0.00	24.32	13.61	—	—	—		—	—	—	—	—	—
MW-6		05/10/96	11.05	--	0.00	24.32	13.27	—	—	—		—	—	—	—	—	—
MW-6		06/03/96	10.91	--	0.00	24.32	13.41	—	—	—	—	—	—	—	—	—	—
MW-6		09/04/96	10.84	--	0.00	24.32	13.48	< 100	—	230	—	< 0.5	< 1.0	< 1.0	< 2.0	—	—
MW-6		12/02/96	10.46	--	0.00	24.32	13.86	—	—	—	—	—	—	—	—	—	—
MW-6		02/26/97	10.46	--	0.00	24.32	13.86	< 100	—	< 200	—	< 0.5	< 1.0	< 1.0	< 2.0	—	—
MW-6		06/09/97	10.90	--	0.00	24.32	13.42	—	—	—	—	—	—	—	—	—	—
MW-6		08/25/97	10.84	--	0.00	24.32	13.48	< 50	—	< 200	—	< 0.5	1.1	< 0.5	< 2.0	< 5	—
MW-6		11/28/97	10.07	--	0.00	24.32	14.25	—	—	—	—	—	—	—	—	—	—
MW-6		02/12/98	9.39	--	0.00	24.32	14.93	< 50	—	< 200	—	< 0.5	< 0.5	< 0.5	< 2.0	< 5	—
MW-6		05/20/98	10.85	--	0.00	24.32	13.47	—	—	—	—	—	—	—	—	—	—
MW-6		08/11/98	11.21	--	0.00	24.32	13.11	< 50	—	< 500	—	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	—
MW-6		11/10/98	10.82	--	0.00	24.32	13.50	—	—	—	—	—	—	—	—	—	—
MW-6		02/11/99	9.39	--	0.00	24.32	14.93	< 50	—	< 500	—	< 0.5	< 0.5	< 0.5	< 0.5	7.1	—
MW-6		05/11/99	10.84	--	0.00	24.32	13.48	—	—	—	—	—	—	—	—	—	—
MW-6		08/10/99	11.28	--	0.00	24.32	13.04	< 50	—	< 250	—	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	—
MW-6		10/26/99	11.43	--	0.00	24.32	12.89	—	—	—	—	—	—	—	—	—	—
MW-6		02/25/00	9.27	--	0.00	24.32	15.05	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-6		05/03/00	10.78	--	0.00	24.32	13.54	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-6		08/02/00	10.92	--	0.00	24.32	13.40	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-6		11/07/00	10.55	--	0.00	24.32	13.77	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-6		02/15/01	9.66	--	0.00	24.32	14.66	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-6		04/26/01	10.40	--	0.00	24.32	13.92	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-6		07/23/01	11.00	--	0.00	24.32	13.32	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-6		11/01/01	10.97	--	0.00	24.32	13.35	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-6	5	03/28/02	10.13	--	0.00	24.32	14.19	—	—	—	—	—	—	—	—	—	—
MW-6	5	06/06/02	10.55	--	0.00	24.29	13.74	—	—	—	—	—	—	—	—	—	—
MW-6	2	09/07/02	11.10	--	0.00	24.29	13.19	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-6	5	12/11/02	10.95	--	0.00	24.29	13.37	—	—	—	—	—	—	—	—	—	—
MW-6	2	03/12/03	10.75	--	0.00	24.29	13.54	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-6	2	06/05/03	10.86	--	0.00	24.29	13.43	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-6	2	09/26/03	11.13	--	0.00	24.29	13.16	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

Well No.	Notes	Sample Period	GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
			Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-7		12/27/93	11.80	--	0.00	24.88	13.08	140	---	100	<1	< 0.3	< 0.3	1	2	---	[a]40
MW-7		01/05/94	11.53	--	0.00	24.88	13.35	---	---	---	---	---	---	---	---	---	---
MW-7		02/08/94	11.90	--	0.00	24.88	12.98	---	---	---	---	---	---	---	---	---	---
MW-7		03/09/94	11.23	--	0.00	24.88	13.65	620	---	< 100	---	< 0.3	< 1.0	1.5	4.1	---	[c]ND
MW-7		04/01/94	11.34	--	0.00	24.88	13.54	---	---	---	---	---	---	---	---	---	---
MW-7		05/10/94	11.02	--	0.00	24.88	13.86	---	---	---	---	---	---	---	---	---	---
MW-7		06/30/94	11.49	--	0.00	24.88	13.39	33	---	< 100	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-7		07/28/94	11.58	--	0.00	24.88	13.30	---	---	---	---	---	---	---	---	---	---
MW-7		08/31/94	11.69	--	0.00	24.88	13.19	---	---	---	---	---	---	---	---	---	---
MW-7		09/27/94	11.73	--	0.00	24.88	13.15	52	---	< [d]250	---	< 0.3	< 0.3	0.4	0.7	---	ND
MW-7		10/28/94	11.77	--	0.00	24.88	13.11	---	---	---	---	---	---	---	---	---	---
MW-7		11/15/94	10.29	--	0.00	24.88	14.59	---	---	---	---	---	---	---	---	---	---
MW-7		12/01/94	10.89	--	0.00	24.88	13.99	< 10	---	< [d]250	---	< 0.3	< 0.3	< 0.3	1.1	---	[e]28
MW-7		01/04/95	10.77	--	0.00	24.88	14.11	---	---	---	---	---	---	---	---	---	---
MW-7		02/01/95	10.70	--	0.00	24.88	14.18	---	---	---	---	---	---	---	---	---	---
MW-7		03/08/95	11.05	--	0.00	24.88	13.83	< 10	---	< [d]250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-7		04/03/95	10.88	--	0.00	24.88	14.00	---	---	---	---	---	---	---	---	---	---
MW-7		05/18/95	11.12	--	0.00	24.88	13.76	---	---	---	---	---	---	---	---	---	---
MW-7		06/09/95	11.25	--	0.00	24.88	13.63	< 50	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-7		07/13/95	11.15	--	0.00	24.88	13.73	---	---	---	---	---	---	---	---	---	---
MW-7		08/03/95	11.32	--	0.00	24.88	13.56	---	---	---	---	---	---	---	---	---	---
MW-7		08/29/95	11.53	--	0.00	24.88	13.35	< 50	---	< 250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	[b]13
MW-7		09/15/95	11.65	--	0.00	24.88	13.23	---	---	---	---	---	---	---	---	---	---
MW-7		10/20/95	11.64	--	0.00	24.88	13.24	---	---	---	---	---	---	---	---	---	---
MW-7		11/15/95	11.60	--	0.00	24.88	13.28	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 0.5	---	ND
MW-7		01/15/96	11.07	--	0.00	24.88	13.81	---	---	---	---	---	---	---	---	---	---
MW-7		03/05/96	10.50	--	0.00	24.88	14.38	< 100	---	270	---	< 0.5	< 1.0	< 1.0	< 2.0	---	ND
MW-7		04/19/96	12.02	--	0.00	24.88	12.86	---	---	---	---	---	---	---	---	---	---
MW-7		05/10/96	11.14	--	0.00	24.88	13.74	---	---	---	---	---	---	---	---	---	---
MW-7		06/03/96	11.10	--	0.00	24.88	13.78	---	---	---	---	---	---	---	---	---	---
MW-7		09/04/96	11.45	--	0.00	24.88	13.43	< 100	---	< 200	---	< 0.5	< 1.0	< 1.0	< 2.0	---	-
MW-7		12/02/96	10.96	--	0.00	24.88	13.92	---	---	---	---	---	---	---	---	---	---
MW-7		02/26/97	11.02	--	0.00	24.88	13.86	< 100	---	< 200	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-7		06/09/97	11.34	--	0.00	24.88	13.54	---	---	---	---	---	---	---	---	---	---
MW-7		08/25/97	11.25	--	0.00	24.88	13.63	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 0.5	---
MW-7		11/28/97	10.69	--	0.00	24.88	14.19	---	---	---	---	---	---	---	---	---	---
MW-7		02/12/98	10.11	--	0.00	24.88	14.77	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-7		05/20/98	11.20	--	0.00	24.88	13.68	---	---	---	---	---	---	---	---	---	---

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

			GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
Well No.	Notes	Sample Period	Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-7		08/11/98	11.55	—	0.00	24.88	13.33	< 50	—	< 500	—	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	—
MW-7		11/10/98	11.21	—	0.00	24.88	13.67	—	—	—	—	—	—	—	—	—	—
MW-7		02/11/99	10.27	—	0.00	24.88	14.61	130	—	< 500	—	< 0.5	< 0.5	< 0.5	< 0.5	5.8	—
MW-7		05/11/99	11.25	—	0.00	24.88	13.63	—	—	—	—	—	—	—	—	—	—
MW-7		08/10/99	11.65	—	0.00	24.88	13.23	< 50	—	< 250	—	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	—
MW-7		10/26/99	11.76	—	0.00	24.88	13.12	—	—	—	—	—	—	—	—	—	—
MW-7		02/25/00	10.40	—	0.00	24.88	14.48	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-7		05/03/00	11.16	—	0.00	24.88	13.72	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-7		08/02/00	11.25	—	0.00	24.88	13.63	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-7		11/07/00	11.03	—	0.00	24.88	13.85	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-7		02/15/01	10.56	—	0.00	24.88	14.32	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-7		04/26/01	10.95	—	0.00	24.88	13.93	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-7		07/23/01	11.50	—	0.00	24.88	13.38	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-7		11/01/01	11.55	—	0.00	24.88	13.33	< 50	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	—
MW-7	5	03/28/02	10.77	—	0.00	24.88	14.11	—	—	—	—	—	—	—	—	—	—
MW-7	5	06/06/02	10.97	—	0.00	24.84	13.87	—	—	—	—	—	—	—	—	—	—
MW-7	2	09/07/02	11.65	—	0.00	24.84	13.19	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-7	5	12/11/02	11.30	—	0.00	24.84	13.58	—	—	—	—	—	—	—	—	—	—
MW-7	2	03/12/03	11.12	—	0.00	24.84	13.72	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-7	2	06/05/03	11.14	—	0.00	24.84	13.70	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-7	2	09/26/03	11.60	—	0.00	24.84	13.24	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-8		12/27/93	12.45	—	0.00	26.12	13.67	390	—	< 100	< 1	0.4	4	0.4	1	—	[a]18
MW-8		01/05/94	12.57	—	0.00	26.12	13.55	—	—	—	—	—	—	—	—	—	—
MW-8		02/08/94	12.02	—	0.00	26.12	14.10	—	—	—	—	—	—	—	—	—	—
MW-8		03/09/94	12.22	—	0.00	26.12	13.90	420	—	< 100	—	0.6	0.8	0.5	1.5	—	[a]ND
MW-8		04/01/94	12.33	—	0.00	26.12	13.79	—	—	—	—	—	—	—	—	—	—
MW-8		05/10/94	12.00	—	0.00	26.12	14.12	—	—	—	—	—	—	—	—	—	—
MW-8		06/30/94	12.52	—	0.00	26.12	13.60	250	—	< 100	—	< 0.9	< 0.3	< 0.3	1.1	—	ND
MW-8		07/28/94	12.61	—	0.00	26.12	13.51	—	—	—	—	—	—	—	—	—	—
MW-8		08/31/94	12.72	—	0.00	26.12	13.40	—	—	—	—	—	—	—	—	—	—
MW-8		09/27/94	12.80	—	0.00	26.12	13.32	210	—	< [e]250	—	< 0.3	< 0.3	< 0.3	< 0.5	—	[d]9
MW-8		10/28/94	12.84	—	0.00	26.12	13.28	—	—	—	—	—	—	—	—	—	—
MW-8		11/15/94	11.72	—	0.00	26.12	14.40	—	—	—	—	—	—	—	—	—	—
MW-8		12/01/94	11.87	—	0.00	26.12	14.25	230	—	< [e]250	—	5.4	< 0.3	0.7	1.3	—	[c]ND
MW-8		01/04/95	11.75	—	0.00	26.12	14.37	—	—	—	—	—	—	—	—	—	—
MW-8		02/01/95	11.64	—	0.00	26.12	14.48	—	—	—	—	—	—	—	—	—	—
MW-8		03/08/95	12.04	—	0.00	26.12	14.08	230	—	< [e]250	—	< 0.3	< 0.3	< 0.3	< 0.5	—	ND
MW-8		04/03/95	11.86	—	0.00	26.12	14.26	—	—	—	—	—	—	—	—	—	—
MW-8		05/18/95	12.11	—	0.00	26.12	14.01	—	—	—	—	—	—	—	—	—	—

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2600 Telegraph Avenue
Oakland, California

			GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
Well No.	Notes	Sample Period	Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-8		06/09/95	12.34	--	0.00	26.12	13.78	< 50	---	< [c]250	---	< 0.3	< 0.3	< 0.3	< 0.5	---	ND
MW-8		07/13/95	12.37	--	0.00	26.12	13.75	---	---	---	---	---	---	---	---	---	---
MW-8		08/03/95	12.50	--	0.00	26.12	13.62	---	---	---	---	---	---	---	---	---	---
MW-8		08/29/95	12.55	--	0.00	26.12	13.57	200	---	< [c]250	---	0.9	0.4	< 0.3	0.8	---	[h]15
MW-8		09/15/95	12.70	--	0.00	26.12	13.42	---	---	---	---	---	---	---	---	---	---
MW-8		10/20/95	12.69	--	0.00	26.12	13.43	---	---	---	---	---	---	---	---	---	---
MW-8		11/15/95	12.67	--	0.00	26.12	13.45	120	---	---	---	0.58	< 0.5	< 0.5	0.54	---	[z]21
MW-8		12/11/95	11.80	--	0.00	26.12	14.32	---	---	---	---	---	---	---	---	---	---
MW-8		01/15/96	12.38	--	0.00	26.12	13.74	---	---	---	---	---	---	---	---	---	---
MW-8		03/05/96	11.44	--	0.00	26.12	14.68	< 100	---	< [c]200	---	0.6	< 1.0	< 1.0	< 2.0	---	ND
MW-8		04/19/96	10.80	--	0.00	26.12	15.32	---	---	---	---	---	---	---	---	---	---
MW-8		05/10/96	12.40	--	0.00	26.12	13.72	---	---	---	---	---	---	---	---	---	---
MW-8		06/03/96	12.26	--	0.00	26.12	13.86	100	---	---	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-8		09/04/96	12.51	--	0.00	26.12	13.61	110	---	< 200	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-8		12/02/96	11.99	--	0.00	26.12	14.13	110	---	< 200	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-8		02/26/97	11.98	--	0.00	26.12	14.14	< 100	---	< 200	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-8		06/09/97	12.36	--	0.00	26.12	13.76	110	---	< 200	---	< 0.5	< 1.0	< 1.0	< 2.0	< 10	---
MW-8		08/25/97	12.25	--	0.00	26.12	13.87	70	---	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-8		11/28/97	11.70	--	0.00	26.12	14.42	110	---	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-8		02/12/98	11.34	--	0.00	26.12	14.78	70	---	< 200	---	< 0.5	< 0.5	0.6	< 2.0	< 5	---
MW-8		05/20/98	12.21	--	0.00	26.12	13.91	< 50	---	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-8		08/11/98	12.60	--	0.00	26.12	13.52	64	---	< 500	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---
MW-8		11/10/98	12.26	--	0.00	26.12	13.86	52	---	< 250	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	---
MW-8		02/11/99	11.00	--	0.00	26.12	15.12	59	---	< 500	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	---
MW-8		05/11/99	12.29	--	0.00	26.12	13.83	< 50	---	< 250	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---
MW-8		08/10/99	12.72	--	0.00	26.12	13.40	72	---	< 250	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	---
MW-8		10/26/99	12.85	--	0.00	26.12	13.27	63	---	< 250	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---
MW-8		02/25/00	11.20	--	0.00	26.12	14.92	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---
MW-8		05/03/00	12.15	--	0.00	26.12	13.97	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---
MW-8		08/02/00	12.30	--	0.00	26.12	13.82	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---
MW-8		11/07/00	12.00	--	0.00	26.12	14.12	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---
MW-8		02/15/01	11.40	--	0.00	26.12	14.72	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---
MW-8		04/26/01	11.93	--	0.00	26.12	14.19	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---
MW-8		07/23/01	12.55	--	0.00	26.12	13.57	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---
MW-8		11/01/01	12.60	--	0.00	26.12	13.52	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---
MW-8	5	03/28/02	11.69	--	0.00	26.12	14.43	---	---	---	---	---	---	---	---	---	---
MW-8	5	06/06/02	11.86	--	0.00	26.00	14.14	---	---	---	---	---	---	---	---	---	---
MW-8	2	09/07/02	12.61	--	0.00	26.00	13.39	< 50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	---

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

Well No.	Notes	Sample Period	GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
			Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
MW-8	5	12/11/02	12.30	--	0.00	26.00	13.82	—	---	—	---	----	---	---	---	—	—
MW-8	2	03/12/03	11.95	--	0.00	26.00	14.05	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-8	2	06/05/03	12.07	--	0.00	26.00	13.93	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-8	2	09/26/03	12.56	--	0.00	26.00	13.44	< 50	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	—
MW-9		12/02/96	11.52	--	--	--	--	210	—	250	—	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-9		02/26/97	11.55	--	--	--	--	170	---	340	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
MW-9		06/09/97	11.91	--	--	--	--	130	---	350	---	0.8	< 1.0	< 1.0	< 2.0	< 10	—
MW-9		08/25/97	11.80	--	--	--	--	110	—	< 200	—	< 0.5	0.8	< 0.5	< 2.0	< 5	—
MW-9		11/28/97	11.15	--	--	--	--	150	—	< 200	—	< 0.5	0.5	0.9	< 2.0	< 5	—
MW-9		02/12/98	10.63	--	--	--	--	60	—	< 200	---	< 0.5	< 0.5	< 0.5	< 2.0	< 5	---
MW-9		05/20/98	11.73	--	--	--	--	130	---	< 200	---	< 0.5	< 0.5	0.9	< 2.0	< 5	—
MW-9		08/11/98	12.15	--	--	--	--	240	---	< 500	---	< 0.5	< 0.5	< 0.5	0.76	< 2.5	---
MW-9		11/10/98	11.81	--	--	--	--	220	---	< 250	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	---
MW-9		02/11/99	10.66	--	--	--	--	52	—	< 500	—	< 0.50	< 0.50	< 0.50	< 0.50	3.5	—
MW-9		05/11/99	11.69	--	--	--	--	96	—	< 250	—	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---
MW-9		08/10/99	12.67	--	0.00	25.03	12.36	130	—	< 250	—	< 0.5	< 0.5	< 0.5	0.96	< 2.0	—
MW-9		10/26/99	12.28	--	0.00	25.03	12.75	130	---	< 250	---	< 0.5	< 0.5	< 0.5	< 0.5	3.3/2.1	—
MW-9		02/25/00	10.60	--	0.00	25.03	14.43	< 50	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	0.8	---
MW-9		05/03/00	11.70	--	0.00	25.03	13.33	150	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	1.5	---
MW-9		08/02/00	11.88	--	0.00	25.03	13.15	210	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	2.2	---
MW-9		11/07/00	11.56	--	0.00	25.03	13.47	190	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	1.4	---
MW-9		02/15/01	10.95	--	0.00	25.03	14.08	110	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	1.4	---
MW-9		04/26/01	11.52	--	0.00	25.03	13.51	150	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	1.6	---
MW-9		07/23/01	12.09	--	0.00	25.03	12.94	140	---	< 100	---	< 0.5	< 0.5	< 0.5	< 0.5	1.6	---
MW-9		11/01/01	12.17	--	0.00	25.03	12.86	310	—	< 100	—	< 0.5	< 0.5	< 0.5	< 0.5	1.5	---
MW-9	2	03/28/02	11.34	--	0.00	25.03	13.69	55	60	< 500	—	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	—
MW-9	2	06/06/02	11.68	--	0.00	24.67	12.99	102	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	—
MW-9	2	09/07/02	12.29	--	0.00	24.67	12.38	117	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	—
MW-9	2	12/11/02	12.06	--	0.00	24.67	12.97	123	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	—
MW-9	2	03/12/03	11.80	--	0.00	24.67	12.87	55	< 500	< 2,000	---	< 1	< 1	< 1	< 2	3.3	—
MW-9	2	06/05/03	11.89	--	0.00	24.67	12.78	50	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.2	—
MW-9	2	09/26/03	12.26	--	0.00	24.67	12.41	78	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.2	---
EW-1		09/04/96	--	--	--	--	--	1,100	---	1,700	---	< 0.5	< 1.0	< 1.0	< 2.0	---	---
EW-1		12/02/96	12.17	--	--	--	--	1,000	—	1,400	—	6.2	< 1.0	< 1.0	< 2.0	—	—
EW-1		02/26/97	12.13	--	--	--	--	1,200	—	2,100	—	12	< 1.0	< 1.0	< 2.1	—	—
EW-1		06/09/97	12.46	--	--	--	--	1,400	---	12,000	---	83	< 1.0	< 1.0	< 2.0	13	---
EW-1		08/25/97	12.35	--	--	--	--	1,400	---	15,000	---	7.5	0.9	0.9	2	12	---
EW-1		11/28/97	12.12	--	--	--	--	560	—	5,700	—	4.5	1.1	1.1	4	5.0	---
EW-1		02/12/98	11.83	--	--	--	--	1,000	---	6,300	—	9.8	0.6	1.2	2	30	---
EW-1		05/20/98	12.51	--	--	--	--	820	—	6,200	—	7.2	< 0.5	< 0.5	< 2.0	26	—

Appendix A
Historical Groundwater Monitoring Results
Former Sears Auto Center No. 1058B
2600 Telegraph Avenue
Oakland, California

			GROUNDWATER LEVELS					LABORATORY ANALYTICAL RESULTS									
Well No.	Notes	Sample Period	Depth to Groundwater (ft bgs)	Depth to Product (ft bgs)	Stand Prod Thickness (ft)	Casing Elevation (ft MSL)	Groundwater Elevation (ft MSL)	TPH_g (ug/L)	TPH_d (ug/L)	TPH_o (ug/L)	TRPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Metals
EW-1		08/11/98	12.85	--	--	--	--	320	—	5,400	—	2.6	< 0.5	< 0.5	0.86	8.7	—
EW-1		11/10/98	12.55	--	--	--	--	820	---	2,900	---	< 0.50	< 0.50	< 0.50	0.75	13	---
EW-1		02/11/99	11.66	--	--	--	--	720	---	1,300	—	4.0	< 0.50	0.51	0.94	14	---
EW-1		05/11/99	12.56	--	--	--	--	680	—	4,800	---	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	—
EW-1		08/10/99	12.91	--	0.00	26.80	13.89	730	---	1,100	---	< 0.5	< 0.5	< 0.5	< 0.5	3.6	---
EW-1		10/26/99	13.00	--	0.00	26.80	13.80	1,500	---	13,000	—	< 0.5	< 0.5	< 0.5	< 0.5	< 50	---
EW-1		02/25/00	11.41	--	0.00	26.80	15.39	1,100	—	6,300	—	< 0.5	< 0.5	< 0.5	< 0.5	2.2	---
EW-1		05/03/00	12.36	--	0.00	26.80	14.44	110	—	3,100	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---
EW-1		08/02/00	12.51	--	0.00	26.80	14.29	1,100	---	4,500	---	< 0.5	< 0.5	< 0.5	< 0.5	2.6	---
EW-1		11/07/00	12.27	--	0.00	26.80	14.53	1,200	---	5,100	---	< 0.5	< 0.5	< 0.5	< 0.5	2.1	—
EW-1		02/15/01	11.66	--	0.00	26.80	15.14	1,100	---	11,000	---	< 0.5	< 0.5	< 0.5	< 0.5	2.0	—
EW-1		04/26/01	12.12	--	0.00	26.80	14.68	1,600	---	6,600	---	< 0.5/0.5[i]	< 0.5/0.5[i]	< 0.5/0.5[i]	< 0.5/0.5[i]	2.3	---
EW-1		07/23/01	12.59	--	0.00	26.80	14.21	930	---	15,000	---	< 0.5	< 0.5	< 0.5	< 0.5	1.8	---
EW-1		11/01/01	12.74	--	0.00	26.80	14.06	1200	---	6,000	—	< 0.5	< 0.5	< 0.5	< 0.5	1.7	---
EW-1	2	03/28/02	11.85	--	0.00	26.80	14.95	930	710	< 500	—	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	---
EW-1	2,3	03/28/02	11.85	--	0.00	26.80	14.95	800	510	< 500	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	---
EW-1	2	06/06/02	12.09	--	0.00	26.39	14.30	1,040	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	---
EW-1	2	09/07/02	12.63	--	0.00	26.39	13.76	1,050	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	—
EW-1	2,3	09/07/02	12.63	--	0.00	26.39	13.76	942	< 500	< 2,000	---	< 1	< 1	< 1	< 2	< 2	---
EW-1	2	12/11/02	12.57	--	0.00	26.39	14.23	1040	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	---
EW-1	2,3	12/11/02	12.57	--	0.00	26.39	14.23	1100	< 500	< 2,000	—	< 1	< 1	< 1	< 2	< 2	---
EW-1	2	03/12/03	12.20	--	0.00	26.39	14.19	1,030	< 500	< 2,000	—	< 1	< 1	< 1	< 2	3.0	---
EW-1	2,3	03/12/03	12.20	--	0.00	26.39	14.19	927	< 500	< 2,000	—	< 1	< 1	< 1	< 2	3.3	---
EW-1	2	06/05/03	12.30	--	0.00	26.39	14.09	712	< 500	< 2,000	—	< 1	< 1	< 1	< 2	2.5	---
EW-1	2,3	06/05/03	12.30	--	0.00	26.39	14.09	685	< 500	< 2,000	---	< 1	< 1	< 1	< 2	2.0	---
EW-1	2	09/26/03	12.70	--	0.00	26.39	13.69	846	< 500	< 2,000	—	< 1	< 1	< 1	< 2	2.0	---

Notes:
1. "Pre-purge" sample (well not purged prior to sampling).
2. "Post-purge" sample
3. Duplicate sample analysis.
4. Well inaccessible during sampling event and not sampled.
5. Groundwater well not sampled
--- = Either not present or not measured.
SH = Product sheen observed in field.
SPH = Separate phase hyrocarbons
ND = Non-detectable (Detection limits for each metal are listed in laboratory reports.)
mg/l = Milligrams per liter
* = Water samples were not filtered; analytical results represent total metals present, not dissolved concentrations.
** = Uncategorized hydrocarbon compound not included in this hydrocarbon concentration.
*** = The carbon ranges reported under the TPH oil range analyses may have varied over the monitoring period
BTEX = Volatile aromatic constituents Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method 8020/8021B or 8260B
TPHg = Total Petroleum Hydrocarbons as gasoline range hydrocarbons by EPA Method 8015 (modified)
TPHd = Total Petroleum Hydrocarbons as diesel range hydrocarbons by EPA Method 8015 (modified).
TRPo = Total Petroleum Hydrocarbons as oil range by EPA Method 8015 (modified)
TRPH = Total Recoverable Petroleum Hydrocarbons by EPA Method 418.1
MTBE = Methyl Tertiary Butyl Ether by CA LUFT/EPA Method 8021B/8260B
< = Analytical result less than the detection limit indicated.
--- = Either not sampled and/or not tested for given parameter
J = Analyte detection is less than the Reporting Limit and greater than or equal to the Method Detection Limit
mg/l = Milligrams per liter
µg/l = Micrograms per liter
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
z = Zinc only analyte detected
h = Chromium only analyte detected
i = Duplicate sample result from EPA Method 8260A

APPENDIX B

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

Southland Technical Services, Inc.
Environmental Laboratories

10-14-2003

Mr. Scott Rowlands
URS Corporation
2020 E. First Street, Suite 400
Santa Ana, CA 92705

Project: 2986494.03034/Sears Oakland 1058
Project Site: 2600 Telegraph Ave., Oakland, CA
Sample Date: 09-26-2003
Lab Job No.: UR309177

Dear Mr. Rowlands:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 09-29-2003 and analyzed by the following EPA methods:

EPA 8015M (Gasoline)
EPA 8015M (Diesel & Oil)
EPA 8260B (VOCs by GC/MS)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled at 4°C, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (323) 888-0728 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.

10-14-2003

Client: URS Corporation
Project: 2986494.03034/Sears Oakland 1058
Project Site: 2600 Telegraph Ave., Oakland, CA
Matrix: Water

Lab Job No.: UR309177
Date Sampled 09-26-2003
Date Received: 09-29-2003

EPA 8015M (Gasoline, Diesel & Oil)
Reporting Unit: µg/L (ppb)

Date of Analysis for TPH (Gasoline)			10-01-03	10-01-03	10-01-03	10-01-03	10-01-03
Preparation Method for TPH (Gasoline)			5030	5030	5030	5030	5030
Date of Analysis for TPH (D & O)			10-01-03	10-01-03	10-01-03	10-01-03	10-01-03
Date of Extraction for TPH (D & O)			09-30-03	09-30-03	09-30-03	09-30-03	09-30-03
Preparation Method for TPH (D & O)			3510C	3510C	3510C	3510C	3510C
LAB SAMPLE I.D.				UR309177-1	UR309177-2	UR309177-3	UR309177-4
CLIENT SAMPLE I.D.				MW-1	MW-2	MW-3	MW-4
Analyte		**MDL**	**MB**				
TPH-Gasoline (C4 - C12)		50	ND	ND	ND	522	ND
TPH-Diesel (C13 - C23)		500	ND	ND	ND	ND	ND
TPH-Oil (C24 - C40)		2000	ND	ND	ND	ND	ND
Surrogate	Spk Conc.	ACP%	MB %RC	%RC	%RC	%RC	%RC
BFB (for TPH-Gasoline)	20 ppb	70-130	98	115	112	101	95
Diocthyl Phthalate (for TPH-D & O)	5 ppm	70-130	109	112	110	110	112

SPK Conc.=Spiking Concentration; ACP%=Acceptable Range of Percent; %RC=% Recovery
MDL=Method Detection Limit; MB=Method Blank; ND=Not Detected(Below MDL); NA=Not Analyzed

Checked & approved by:

Roger Wang, Ph.D.
Laboratory Director.

10-14-2003

Client: URS Corporation
Project: 2986494.03034/Sears Oakland 1058
Project Site: 2600 Telegraph Ave., Oakland, CA
Matrix: Water

Lab Job No.: UR309177
Date Sampled 09-26-2003
Date Received: 09-29-2003

EPA 8015M (Gasoline, Diesel & Oil)
Reporting Unit: µg/L (ppb)

Date of Analysis for TPH (Gasoline)			10-01-03	10-01-03	10-01-03	10-01-03	10-01-03
Preparation Method for TPH (Gasoline)			5030	5030	5030	5030	5030
Date of Analysis for TPH (D & O)			10-01-03	10-01-03	10-01-03	10-01-03	10-01-03
Date of Extraction for TPH (D & O)			09-30-03	09-30-03	09-30-03	09-30-03	09-30-03
Preparation Method for TPH (D & O)			3510C	3510C	3510C	3510C	3510C
LAB SAMPLE I.D.			UR309177-5	UR309177-6	UR309177-7	UR309177-8	UR309177-9
CLIENT SAMPLE I.D.			MW-5	MW-6	MW-7	MW-8	MW-9
Analyte		**MDL**					
TPH-Gasoline (C4 - C12)		50	ND	ND	ND	ND	78
TPH-Diesel (C13 - C23)		500	ND	ND	ND	ND	ND
TPH-Oil (C24 - C40)		2000	ND	ND	ND	ND	ND
Surrogate	Spk Conc.	ACP%	%RC	%RC	%RC	%RC	%RC
BFB (for TPH-Gasoline)	20 ppb	70-130	91	95	102	107	97
Diocthyl Phthalate (for TPH-D & O)	5 ppm	70-130	112	112	110	112	110

SPK Conc.=Spiking Concentration; ACP%=Acceptable Range of Percent; %RC=% Recovery
MDL=Method Detection Limit; MB=Method Blank; ND=Not Detected(Below MDL); NA=Not Analyzed.

Checked & approved by:

Roger Wang, Ph.D.
Laboratory Director.

10-14-2003

Client: URS Corporation
Project: 2986494.03034/Sears Oakland 1058
Project Site: 2600 Telegraph Ave., Oakland, CA
Matrix: Water

Lab Job No.: UR309177
Date Sampled 09-26-2003
Date Received: 09-29-2003

EPA 8015M (Gasoline, Diesel & Oil)
Reporting Unit: µg/L (ppb)

Date of Analysis for TPH (Gasoline)			10-01-03	10-01-03	10-01-03	10-01-03	
Preparation Method for TPH (Gasoline)			5030	5030	5030	5030	
Date of Analysis for TPH (D & O)			10-01-03				
Date of Extraction for TPH (D & O)			09-30-03				
Preparation Method for TPH (D & O)			3510C				
LAB SAMPLE LD.			UR309177-10	UR309177-11	UR309177-12	UR309177-13	
CLIENT SAMPLE LD.			EW-1	DUP-1	EB-1	Trip Blank	
Analyte		**MDL**					
TPH-Gasoline (C4 - C12)		50	846	ND	ND	ND	
TPH-Diesel (C13 - C23)		500	ND				
TPH-Oil (C24 - C40)		2000	ND				
Surrogate	Spk Conc.	ACP%	%RC	%RC	%RC	%RC	
BFB (for TPH-Gasoline)	20 ppb	70-130	109	112	89	92	
Diocthyl Phthalate (for TPH-D & O)	5 ppm	70-130	110				

SPK Conc.=Spiking Concentration; ACP%=Acceptable Range of Percent; %RC=% Recovery
MDL=Method Detection Limit; MB=Method Blank; ND=Not Detected(Below MDL); NA=Not Analyzed.

Checked & approved by:

Roger Wang, Ph.D.
Laboratory Director.

Client: URS Corporation
Project: 2986494.03034/Sears Oakland 1058

Lab Job No.: UR309177
Matrix: Water

Date Reported: 10-14-2003
Date Sampled: 09-26-2003

EPA 8260B (VOCs by GC/MS, Page 1 of 2) Reporting Unit: µg/L(ppb)

Date ANALYZED		10-03-03	10-03-03	10-03-03	10-03-03	10-03-03	10-03-03	
PREPARATION METHOD		5030	5030	5030	5030	5030	5030	
DILUTION FACTOR		1	1	1	1	1	1	
LAB SAMPLE I.D.			UR309177-1	UR309177-2	UR309177-3	UR309177-4	UR309177-5	
CLIENT SAMPLE I.D.			MW-1	MW-2	MW-3	MW-4	MW-5	
COMPOUND	MDL	MB						
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	
Chloromethane	5	ND	ND	ND	ND	ND	ND	
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	
Bromomethane	5	ND	ND	ND	ND	ND	ND	
Chloroethane	5	ND	ND	ND	ND	ND	ND	
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	
Iodomethane	5	ND	ND	ND	ND	ND	ND	
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	
Chloroform	5	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane (Ethylene Dichloride)	5	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	
1,1-Dichloropropene	5	ND	ND	ND	ND	ND	ND	
Benzene	1	ND	ND	ND	ND	ND	ND	
Trichloroethene	2.5	ND	ND	ND	ND	ND	ND	
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	
Dibromomethane	5	ND	ND	ND	ND	ND	ND	
Trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	
2-Chloroethylvinyl ether	5	ND	ND	ND	ND	ND	ND	
Bromoform	5	ND	ND	ND	ND	ND	ND	
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	
Bromobenzene	5	ND	ND	ND	ND	ND	ND	
Toluene	1	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	2.5	ND	ND	ND	ND	ND	ND	
1,2-Dibromoethane(EDB)	5	ND	ND	ND	ND	ND	ND	

Client: URS Corporation
Project: 2986494.03034/Sears Oakland 1058

Lab Job No.: UR309177
Matrix: Water

Date Reported: 10-14-2003
Date Sampled: 09-26-2003

EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit: ppb

COMPOUND	MDL	MB	MW-1	MW-2	MW-3	MW-4	MW-5	
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	
Ethylbenzene	1	ND	ND	ND	ND	ND	ND	
Total Xylenes	2	ND	ND	ND	ND	ND	ND	
Styrene	5	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND	ND	
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	
Sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND	ND	ND	ND	
Hexachlorobutadiene	5	ND	ND	ND	ND	ND	ND	
Naphthalene	5	ND	ND	ND	ND	ND	ND	
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	
Acetone	25	ND	ND	ND	ND	ND	ND	
2-Butanone (MEK)	25	ND	ND	ND	ND	ND	ND	
Carbon disulfide	25	ND	ND	ND	ND	ND	ND	
4-Methyl-2-pentanone	25	ND	ND	ND	ND	ND	ND	
2-Hexanone	25	ND	ND	ND	ND	ND	ND	
Ethanol	500	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	25	ND	ND	ND	ND	ND	ND	
MTBE	2	ND	ND	ND	ND	2	ND	
ETBE	2	ND	ND	ND	ND	ND	ND	
DIPE	2	ND	ND	ND	ND	ND	ND	
TAME	2	ND	ND	ND	ND	ND	ND	
t-Butyl Alcohol	10	ND	ND	ND	ND	ND	ND	
SURROGATE	**SPK Conc.**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**Accept Limit%**
Dibromofluoro-methane	25	95	89	98	94	85	91	79-126
Toluene-d8	25	103	101	100	100	98	98	79-121
Bromofluoro-benzene	25	108	101	107	111	104	98	71-131

MB=Method Blank; MDL=Method Detection Limit; ND=Not Detected (below DF × MDL).

Client: URS Corporation | Lab Job No.: UR309177 | Date Reported: 10-14-2003
Project: 2986494.03034/Sears Oakland 1058 | Matrix: Water | Date Sampled: 09-26-2003

EPA 8260B (VOCs by GC/MS, Page 1 of 2) Reporting Unit: µg/L(ppb)

Date ANALYZED		10-03-03	10-03-03	10-03-03	10-03-03	10-03-03		
PREPARATION METHOD		5030	5030	5030	5030	5030		
DILUTION FACTOR		1	1	1	1	1		
LAB SAMPLE I.D.			UR309177-6	UR309177-7	UR309177-8	UR309177-9		
CLIENT SAMPLE I.D.			MW-6	MW-7	MW-8	MW-9		
COMPOUND	MDL	MB						
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND		
Chloromethane	5	ND	ND	ND	ND	ND		
Vinyl Chloride	2	ND	ND	ND	ND	ND		
Bromomethane	5	ND	ND	ND	ND	ND		
Chloroethane	5	ND	ND	ND	ND	ND		
Trichlorofluoromethane	5	ND	ND	ND	ND	ND		
1,1-Dichloroethene	5	ND	ND	ND	ND	ND		
Iodomethane	5	ND	ND	ND	ND	ND		
Methylene Chloride	5	ND	ND	ND	ND	ND		
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND		
1,1-Dichloroethane	5	ND	ND	ND	ND	ND		
2,2-Dichloropropane	5	ND	ND	ND	ND	ND		
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND		
Bromochloromethane	5	ND	ND	ND	ND	ND		
Chloroform	5	ND	ND	ND	ND	ND		
1,2-Dichloroethane (Ethylene Dichloride)	5	ND	ND	ND	ND	ND		
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND		
Carbon tetrachloride	5	ND	ND	ND	ND	ND		
1,1-Dichloropropene	5	ND	ND	ND	ND	ND		
Benzene	1	ND	ND	ND	ND	ND		
Trichloroethene	2.5	ND	ND	ND	ND	ND		
1,2-Dichloropropane	5	ND	ND	ND	ND	ND		
Bromodichloromethane	5	ND	ND	ND	ND	ND		
Dibromomethane	5	ND	ND	ND	ND	ND		
Trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND		
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND		
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND		
1,3-Dichloropropane	5	ND	ND	ND	ND	ND		
Dibromochloromethane	5	ND	ND	ND	ND	ND		
2-Chloroethylvinyl ether	5	ND	ND	ND	ND	ND		
Bromoform	5	ND	ND	ND	ND	ND		
Isopropylbenzene	5	ND	ND	ND	ND	ND		
Bromobenzene	5	ND	ND	ND	ND	ND		
Toluene	1	ND	ND	ND	ND	ND		
Tetrachloroethene	2.5	ND	ND	ND	ND	ND		
1,2-Dibromoethane(EDB)	5	ND	ND	ND	ND	ND		

Client: URS Corporation
Project: 2986494.03034/Sears Oakland 1058

Lab Job No.: UR309177
Matrix: Water

Date Reported: 10-14-2003
Date Sampled: 09-26-2003

EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit: ppb

COMPOUND	MDL	MB	MW-6	MW-7	MW-8	MW-9		
Chlorobenzene	5	ND	ND	ND	ND	ND		
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND		
Ethylbenzene	1	ND	ND	ND	ND	ND		
Total Xylenes	2	ND	ND	ND	ND	ND		
Styrene	5	ND	ND	ND	ND	ND		
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND		
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND		
n-Propylbenzene	5	ND	ND	ND	ND	ND		
2-Chlorotoluene	5	ND	ND	ND	ND	ND		
4-Chlorotoluene	5	ND	ND	ND	ND	ND		
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND		
tert-Butylbenzene	5	ND	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND		
Sec-Butylbenzene	5	ND	ND	ND	ND	ND		
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND		
p-Isopropyltoluene	5	ND	ND	ND	ND	ND		
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND		
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND		
n-Butylbenzene	5	ND	ND	ND	ND	ND		
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND		
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND	ND	ND		
Hexachlorobutadiene	5	ND	ND	ND	ND	ND		
Naphthalene	5	ND	ND	ND	ND	ND		
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND		
Acetone	25	ND	ND	ND	ND	ND		
2-Butanone (MEK)	25	ND	ND	ND	ND	ND		
Carbon disulfide	25	ND	ND	ND	ND	ND		
4-Methyl-2-pentanone	25	ND	ND	ND	ND	ND		
2-Hexanone	25	ND	ND	ND	ND	ND		
Ethanol	500	ND	ND	ND	ND	ND		
Vinyl Acetate	25	ND	ND	ND	ND	ND		
MTBE	2	ND	ND	ND	ND	2.2		
ETBE	2	ND	ND	ND	ND	ND		
DIPE	2	ND	ND	ND	ND	ND		
TAME	2	ND	ND	ND	ND	ND		
t-Butyl Alcohol	10	ND	ND	ND	ND	ND		
SURROGATE	**SPK Conc.**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**		**Accept Limit%**
Dibromofluoro-methane	25	95	100	86	85	94		79-126
Toluene-d8	25	103	100	98	107	102		79-121
Bromofluoro-benzene	25	108	105	111	105	103		71-131

MB=Method Blank, MDL=Method Detection Limit, ND=Not Detected (below DF × MDL). * Surrogate recovery out of QC range.

Client: URS Corporation | Lab Job No.: UR309177 | Date Reported: 10-14-2003
Project: 2986494.03034/Sears Oakland 1058 | Matrix: Water | Date Sampled: 09-26-2003

EPA 8260B (VOCs by GC/MS, Page 1 of 2) Reporting Unit: µg/L(ppb)

Date ANALYZED		10-03-03	10-03-03	10-03-03	10-03-03	10-03-03	
PREPARATION METHOD		5030	5030	5030	5030	5030	
DILUTION FACTOR		1	1	1	1	1	
LAB SAMPLE I.D.			UR309177-10	UR309177-11	UR309177-12	UR309177-13	
CLIENT SAMPLE I.D.			EW-1	DUP-1	EB-1	Trip Blank	
COMPOUND	MDL	MB					
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	
Chloromethane	5	ND	ND	ND	ND	ND	
Vinyl Chloride	2	ND	ND	ND	ND	ND	
Bromomethane	5	ND	ND	ND	ND	ND	
Chloroethane	5	ND	ND	ND	ND	ND	
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	
Iodomethane	5	ND	ND	ND	ND	ND	
Methylene Chloride	5	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	
Bromochloromethane	5	ND	ND	ND	ND	ND	
Chloroform	5	ND	ND	ND	ND	ND	
1,2-Dichloroethane (Ethylene Dichloride)	5	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	
Carbon tetrachloride	5	ND	ND	ND	ND	ND	
1,1-Dichloropropene	5	ND	ND	ND	ND	ND	
Benzene	1	ND	ND	ND	ND	ND	
Trichloroethene	2.5	ND	ND	ND	ND	ND	
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	
Bromodichloromethane	5	ND	ND	ND	ND	ND	
Dibromomethane	5	ND	ND	ND	ND	ND	
Trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	
Dibromochloromethane	5	ND	ND	ND	ND	ND	
2-Chloroethylvinyl ether	5	ND	ND	ND	ND	ND	
Bromoform	5	ND	ND	ND	ND	ND	
Isopropylbenzene	5	ND	ND	ND	ND	ND	
Bromobenzene	5	ND	ND	ND	ND	ND	
Toluene	1	ND	ND	ND	ND	ND	
Tetrachloroethene	2.5	ND	ND	ND	ND	ND	
1,2-Dibromoethane(EDB)	5	ND	ND	ND	ND	ND	

Client: URS Corporation
Project: 2986494.03034/Sears Oakland 1058

Lab Job No.: UR309177
Matrix: Water

Date Reported: 10-14-2003
Date Sampled: 09-26-2003

EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit: ppb

COMPOUND	MDL	MB	EW-1	DUP-1	EB-1	Trip Blank	
Chlorobenzene	5	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	
Ethylbenzene	1	ND	ND	ND	ND	ND	
Total Xylenes	2	ND	ND	ND	ND	ND	
Styrene	5	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND	
n-Propylbenzene	5	ND	ND	ND	ND	ND	
2-Chlorotoluene	5	ND	ND	ND	ND	ND	
4-Chlorotoluene	5	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	
tert-Butylbenzene	5	ND	5	ND	ND	ND	
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	
Sec-Butylbenzene	5	ND	ND	ND	ND	ND	
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	
n-Butylbenzene	5	ND	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND	ND	ND	
Hexachlorobutadiene	5	ND	ND	ND	ND	ND	
Naphthalene	5	ND	ND	ND	ND	ND	
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	
Acetone	25	ND	ND	ND	ND	ND	
2-Butanone (MEK)	25	ND	ND	ND	ND	ND	
Carbon disulfide	25	ND	ND	ND	ND	ND	
4-Methyl-2-pentanone	25	ND	ND	ND	ND	ND	
2-Hexanone	500	ND	ND	ND	ND	ND	
Ethanol	25	ND	ND	ND	ND	ND	
Vinyl Acetate	25	ND	ND	ND	ND	ND	
MTBE	2	ND	2	ND	ND	ND	
ETBE	2	ND	ND	ND	ND	ND	
DIPE	2	ND	ND	ND	ND	ND	
TAME	2	ND	ND	ND	ND	ND	
t-Butyl Alcohol	10	ND	ND	ND	ND	ND	
SURROGATE	**SPK Conc.**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**Accept Limit%**
Dibromofluoro-methane	25	95	91	98	92	96	79-126
Toluene-d8	25	103	101	103	96	100	79-121
Bromofluoro-benzene	25	108	102	109	104	104	71-131

MB=Method Blank; MDL=Method Detection Limit; ND=Not Detected (below DF × MDL). * Result from a higher dilution analysis.

10-14-2003

EPA 8015M (TPH)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR309177
Project:	2986494.03034/Sears Oakland 1058		
Matrix:	Water	Lab Sample ID:	UR309177-1
Batch No.:	EJ01-DW1	Date Analyzed:	10-03-2003

I. MS/MSD Report
Unit: ppm

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-d	ND	20	21.9	21.8	109.5	109.0	0.5	30	70-130

II. LCS Result
Unit: ppm

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-d	22.0	20	110.0	80-120

ND: Not Detected (at the specified limit).

10-14-2003

EPA 8015M (TPH)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR309177
Project:	2986494.03034/Sears Oakland 1058		
Matrix:	Water	Lab Sample ID:	UR309177-5
Batch No.:	AJ01-GW2	Date Analyzed:	10-01-2003

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-G	ND	1000	1,000	1,040	100.0	104.0	3.9	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-G	1,020	1000	102.0	80-120

ND: Not Detected (at the specified limit).

10-14-2003

EPA 8260B
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR309177
Project:	2986494.03034/Sears Oakland 1058		
Matrix:	Water	Lab Sample ID:	UR309177-1
Batch No:	1003-VOAW	Date Analyzed:	10-03-2003

I. MS/MSD Report
Unit: ppb

Compound	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	23.8	21.1	119.0	105.5	12.0	30	70-130
Benzene	ND	20	23.9	23.1	119.5	115.5	3.4	30	70-130
Trichloro-ethene	ND	20	20.3	19.1	101.5	95.5	6.1	30	70-130
Toluene	ND	20	21.5	20.5	107.5	102.5	4.8	30	70-130
Chlorobenzene	ND	20	19.8	17.5	99.0	87.5	12.3	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	19.2	20.0	96.0	80-120
Benzene	19.1	20.0	95.5	80-120
Trichloro-ethene	19.3	20.0	96.5	80-120
Toluene	17.7	20.0	88.5	80-120
Chlorobenzene	18.0	20.0	90.0	80-120

ND: Not Detected.

URS CORPORATION

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Santa Ana, CA 92705
(714) 835-6886
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CHAIN OF CUSTODY RECORD

Date: 09/26/03

URS09177

☐ Data Requested in GISKey Format

Lab Name: STS	URS Project/PO Number: 29805494.03034
Client Name/Project Name/Location: SEARS # 1058	GeoTracker Information:
URS Project Manager: SCOTT ROWLANDS	EDF Reporting: Y N Global ID:
Sampler Name and Signature: S. TURNER	COELT Log Number:

Requested Analyses:

	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	TPHg, BTEX, MTBE, Fuel Ox (8260B)	TPH, TPHd (8015M)		TPHg (8015M)											Special Instructions:
																				HOLD		
1	MW-2	26 SEP 03	0955	Y N HCl	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass (VOA)	3	X			X											URS09177-2
2	MW-2	26 SEP 03	0955	Y N	S L G	Acetate SS. Brass Jar Encore ____ml (Amb) Plas. Glass VOA	1		X													
3	MW-6	26 SEP 03	1135	Y N HCl	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	3	X			X											-6
4	MW-6	26 SEP 03	1135	Y N	S L G	Acetate SS. Brass Jar Encore ____ml (Amb) Plas. Glass VOA	1		X													-6
5	MW-7	26 SEP 03	1239	Y N HCl	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass (VOA)	3	X	X	S.T.	X											-7
6	MW-7	26 SEP 03	1239	Y N	S L G	Acetate SS. Brass Jar Encore ____ml (Amb) Plas. Glass VOA	1		X													
7	MW-8	26 SEP 03	1332	Y N HCl	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass (VOA)	3	X			X											-8
8	MW-8	26 SEP 03	1332	Y N	S L G	Acetate SS. Brass Jar Encore ____ml (Amb) Plas. Glass VOA	1		X													
9	MW-4	26 SEP 03	1424	Y N HCl	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass (VOA)	3	X			X											-4
10	MW-4	26 SEP 03	1424	Y N	S L G	Acetate SS. Brass Jar Encore ____ml (Amb) Plas. Glass VOA			X													

Relinquished by:	Date: 9-29-03	Received By:	Date/Time: 9/24/03 10:25
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: 4.0°c
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION

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Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

Date: 09/26/03

UR309177

☐ Data Requested in GISKey Format

Lab Name: STS	URS Project/PO Number: 29863494.03034
Client Name/Project Name/Location: SEARS, 1058	GeoTracker Information:
URS Project Manager: SCOTT ROWLANDS	EDF Reporting: Y N Global ID:
Sampler Name and Signature: S. TURNER [signature]	COELT Log Number

Requested Analyses: TPHd, TPHmo (8015M); TPHg (8015M); BTEX, VOC, Fuel Ox (8260B); HOLD

#	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	TPHd, TPHmo (8015M)	TPHg (8015M)	BTEX, VOC, Fuel Ox (8260B)	HOLD	Special Instructions:
1	MW-5	26SEP03	1529	(Y) HCl	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass (VOA)	3		X	X		UR309177-5
2	MW-5	26SEP03	1529	(N)	S L G	Acetate SS. Brass Jar Encore ___ml (Amb) Plas. Glass VOA	1	X				
3	MW-9	26SEA03	1629	(Y) HCl	S (L) G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass (VOA)	3		X	X		-9
4	MW-9	26SEP03	1629	(N)	S (L) G	Acetate SS. Brass Jar Encore ___ml (Amb) Plas. Glass VOA		X				
5	MW-1	26SEP03	1742	(Y)	S (L) G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass (VOA)	3		X	X		-1
6	MW-1	26SEP03	1742	(N)	S (L) G	Acetate SS. Brass Jar Encore ___ml (Amb) Plas. Glass VOA	1	X				
7	MW-3	26SEP03	1845	(Y)	S (L) G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass (VOA)	3		X	X		-3
8	MW-3	26SEP03	1845	(N)	S L G	Acetate SS. Brass Jar Encore ___ml (Amb) Plas. Glass VOA	1	X				
9	EW-1	26SEP03		(Y)	S (L) G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass (VOA)	3		X	X		-10
10	EW-1	26SEP03		(N)	S (L) G	Acetate SS. Brass Jar Encore ___ml (Amb) Plas. Glass VOA	1	X				

Relinquished by:	Date:	Received By:	Date/Time:
[signature]	9.29.03	Guom Liao	9/29/03 10:25 AM

Turnaround Time: (Check)
Same Day: ___ 72 Hour: ___
24 Hour: ___ 5 Day: ___
48 Hour: ___ Standard: ✓

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

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URS CORPORATION

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Santa Ana, CA 92705
(714) 835-6886
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CHAIN OF CUSTODY RECORD

Date: 09/26/03

UR309177

☐ Data Requested in GISKey Format

Lab Name: STS	URS Project/PO Number: 29863494.03034
Client Name/Project Name/Location: SEARS, 1055	GeoTracker Information:
URS Project Manager: SCOTT ROWLANDS	EDF Reporting: Y N Global ID:
Sampler Name and Signature: S. TURNER	COELT Log Number:

Requested Analyses:

	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	TPHg (8015M)	VOC, BTEX, FUEL OX (8260B)	HOLD	Special Instructions:
1	DUP-1	26SEP 03	1756	Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	3	X	X		UR309177-11
2	EB-1	26SEP 03	1821	Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	3	X	X		-12
3	TRIP BLANK			Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				-13
4	TEMP BLANK			Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				-14
5				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
6				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
7				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
8				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
9				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
10				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					

Relinquished by:	Date: 9-29-03	Received By: Gloria Liao	Date/Time: 9/29/03 10:25AM
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)

Same Day:	72 Hour:
24 Hour:	5 Day:
48 Hour:	Standard: ✓

Lab Use Only

Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G= Gas

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APPENDIX C

URS DATA VALIDATION REPORT

Level III Data Validation Summary

PROJECT: Sears Oakland 1058B
LABORATORY: Southland Technical Services, Inc. (STS)
MATRIX: Water
LAB PROJECT #: UR309177
SAMPLES: See table below

Field ID	QC Designations	Lab ID	TPH-Gasoline	TPH-Diesel, TPH-Oil	VOCs (including Fuel Oxygenates)
MW-2		UR309177-2	X	X	X
MW-6		UR309177-6	X	X	X
MW-7		UR309177-7	X	X	X
MW-8		UR309177-8	X	X	X
MW-4		UR309177-4	X	X	X
MW-5		UR309177-5	X	X	X
MW-9		UR309177-9	X	X	X
MW-1		UR309177-1	X	X	X
MW-3		UR309177-3	X	X	X
EW-1		UR309177-10	X	X	X
Dup-1	Field duplicate of MW-1	UR309177-11	X	X	X
EB-1	Equipment blank	UR309177-12	X		X
Trip	Trip blank	UR309177-13	X		X

Date Sampled: 9/26/03
TPH-Gasoline= Total petroleum hydrocarbon – gasoline range (C_4-C_{12}), TPH-Diesel= Total petroleum hydrocarbon – diesel range (C_{13}-C_{23})
TPH-Oil= Total petroleum hydrocarbon – oil range (C_{24}-C_{40}) VOCs = Volatile organic compounds
Fuel Oxygenates = t-butyl alcohol (TBA), t-amyl methyl ether (TAME), di - isopropyl ether (DIPE), ethyl-t-butyl ether (ETBE), Methyl tertiary butyl ether (MTBE).
STS is certified by California Department of Health Services, Environmental Laboratory Accreditation Program (ELAP Certificate Number 1986).

DATA REVIEW MATRIX

QC Parameter	TPH-Gasoline EPA5030/8015M	TPH-Diesel, and TPH-Oil EPA3510C/8015M	VOCs EPA5030/8260B
Chain-of-custody (COC)	✓	✓	✓
Sample Receipt	✓	✓	✓
Holding Times	✓	✓	✓
Method Blank	✓	✓	✓
Surrogate Recovery	✓	✓	✓
Laboratory Control Sample	✓	✓	✓
Matrix Spike	✓(1)	✓(2)	✓(2)
Duplicate or Spike Duplicate	✓(1)	✓(2)	✓(2)
Field Duplicate	✓	✓	✓
Trip Blank	✓	NA	✓
Equipment Blank	✓	NA	✓

✓ = Quality control evaluation criteria met NA = Not Applicable or not analyzed

Notes:
1. MS/MSD was conducted on sample MW-5. The results were within acceptance criterion.
2. MS/MSD was conducted on sample MW-1. The results were within acceptance criterion.

Summary: Based on this Level III validation covering the QC parameters listed in the table above, these data are considered to be useable for meeting project objectives. However, the data user must evaluate the ultimate usability of the data based on the reporting limits obtained. The table below lists the detection limits obtained for undiluted samples.

Analyte	Detection Limits Obtained
TPH-Diesel	500
TPH-Oil	2000
TPH-Gasoline	50
VOCs	1 to 25
Ethanol	500
MTBE	2
TBA	10
Other Oxygenates	2

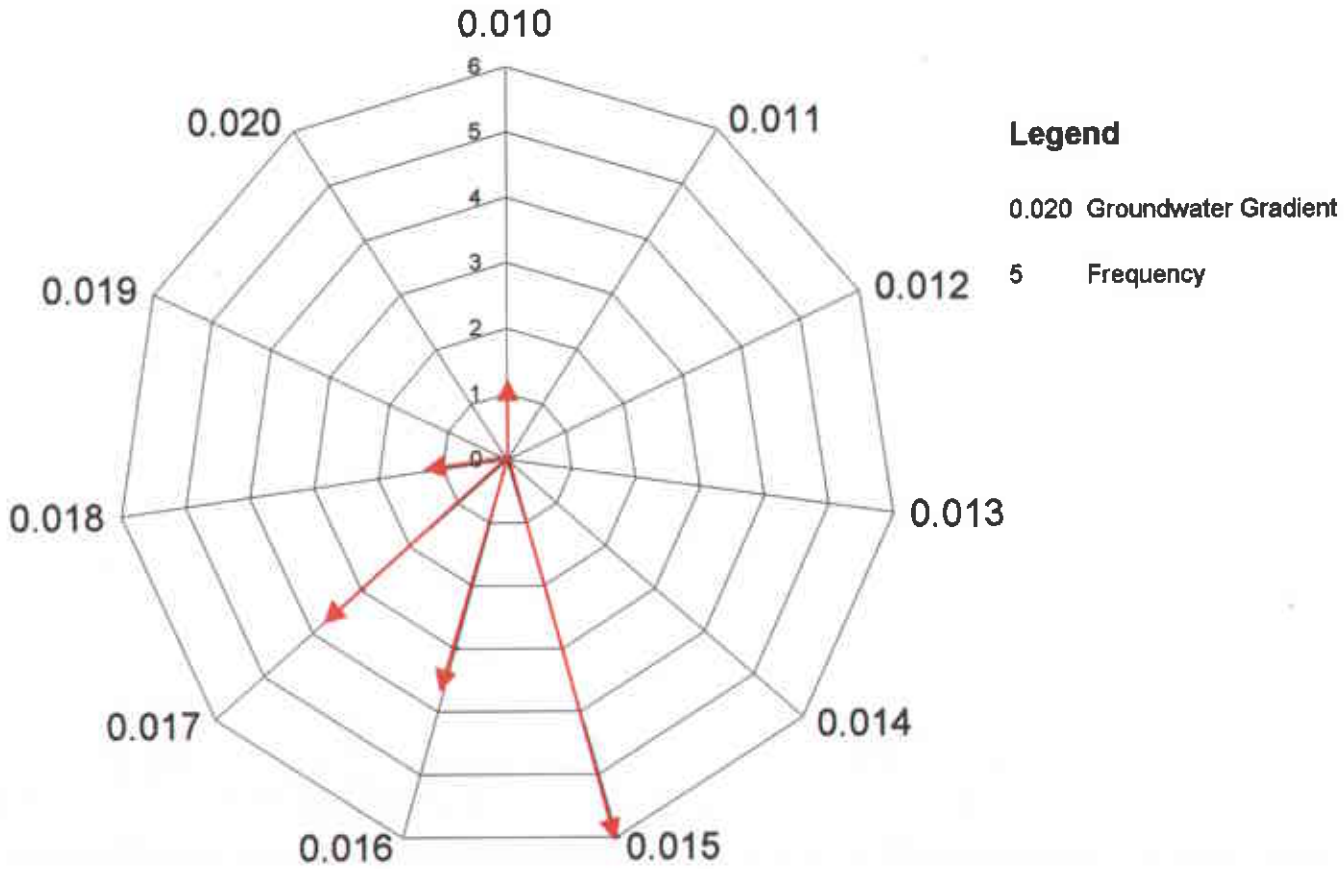
Aqueous units are microgram per Liter (µg /L).

Samples did not require dilution for the requested analyses.

APPENDIX D

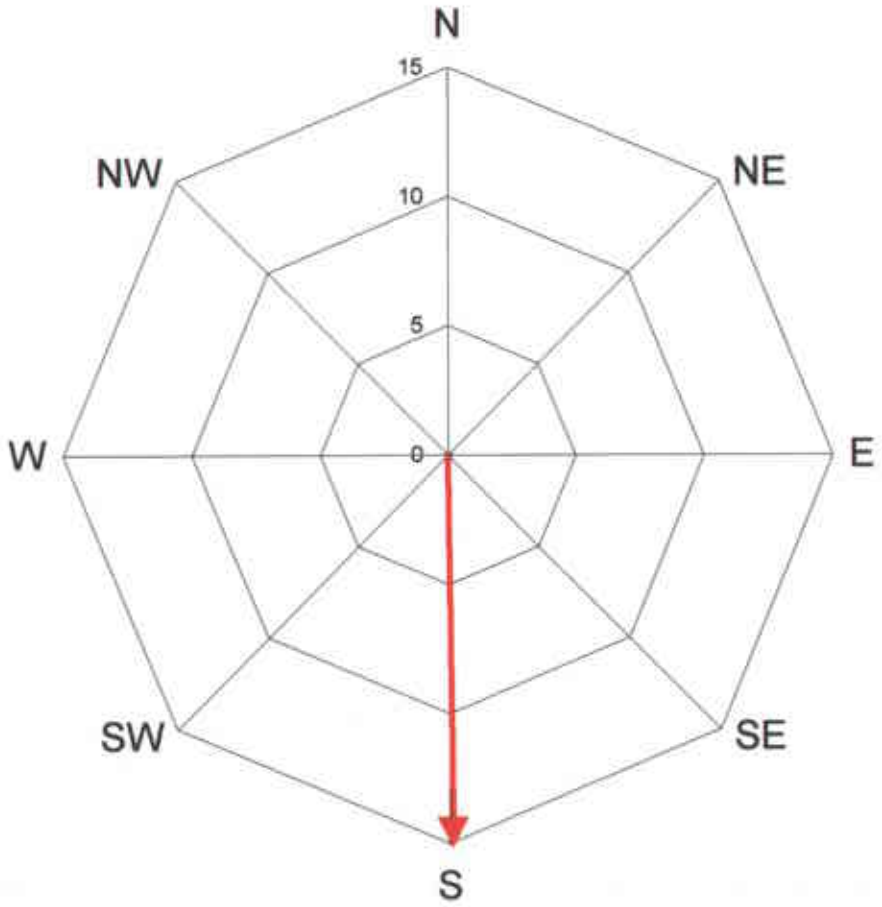
ROSE DIAGRAMS FOR HISTORICAL GROUNDWATER GRADIENT AND FLOW DIRECTION

Appendix D
Historic Hydraulic Gradient Diagram
Sears Auto Center #1058B
2600 Telegraph Avenue, Oakland, CA
February 25, 2000 - September 26, 2003



URS

Appendix D
Historic Hydraulic Flow Direction Diagram
Sears Auto Center #1058B
2600 Telegraph Avenue, Oakland, CA
February 25, 2000 - September 26, 2003



Legend

N Groundwater FlowDirection

15 Frequency

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