




Alameda County

JAN 24 2003

Environmental Health

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**2002 THIRD QUARTER GROUNDWATER  
MONITORING REPORT AND WORK PLAN  
FOR CONFIRMATION SOIL BORINGS  
FORMER SEARS AUTO CENTER #1058B  
2600 TELEGRAPH AVENUE  
OAKLAND, CALIFORNIA  
CASE I.D. # STID 1082  
FOR SEARS, ROEBUCK & CO.**

**URS Job No. 29863494  
January 23, 2003**



January 23, 2003

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

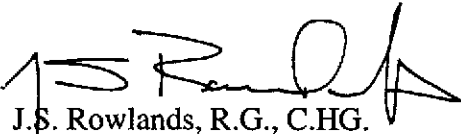
Alameda County  
JAN 24 2003  
Environmental Health

RE: 2002 Third Quarter Groundwater Monitoring  
Former Sears Auto Center #1058B  
2600 Telegraph Avenue  
Case I.D. # STID 1082  
For Sears, Roebuck & Co.

Dear Mr. Gholami

Submitted with this letter is the 2002 Third Quarter Groundwater Monitoring Report and Confirmation Soil Boring Work Plan prepared on behalf of Sears, Roebuck & Co. Quarterly groundwater monitoring will continue through the fourth quarter of 2002 and a Site closure analysis conducted following completion of the confirmation borings proposed in the Work Plan. 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.H.G.  
Project Manager

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

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**2002 THIRD QUARTER  
GROUNDWATER MONITORING REPORT AND  
WORK PLAN FOR CONFIRMATION SOIL BORINGS  
FORMER SEARS AUTO CENTER #1058B  
2600 TELEGRAPH AVENUE  
OAKLAND, CALIFORNIA  
CASE I.D. # STID 1082  
URS JOB NO. 29863494  
FOR SEARS, ROEBUCK & CO.**

## 1.0 INTRODUCTION

This report has been prepared by URS Corporation on behalf of Sears, Roebuck & Co. (Sears). It presents results of the 2002 Third Quarter Groundwater Monitoring conducted at the above-referenced property (Site), and a work plan for confirmation soil borings in areas of the former underground storage tanks (USTs). The former Sears Auto Center is located at 2600 Telegraph Avenue in Oakland, California (Figure 1). The groundwater monitoring event consisted of gauging and sampling nine monitoring wells (MW-1 through MW-9) and one extraction well (EW-1).

The purpose of the groundwater monitoring was to assess current groundwater conditions in the vicinity of former gasoline USTs, associated fuel dispensers and product piping, and former motor oil and used oil USTs. The removed gasoline USTs, fuel dispensing system, motor oil USTs and used oil UST were associated with the former Sears Auto Center (Figure 2). The purpose of the proposed soil confirmation borings is to assess current concentrations of petroleum hydrocarbons and volatile organic compounds (VOCs) in the vadose zone. 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) guidelines. 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 27<sup>th</sup> Street to the north, Telegraph Avenue to the west, 26<sup>th</sup> Street to the south, and commercial and

### 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 plan to:

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

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

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 a California Department of Health Services (DHS) accredited laboratory. A trip blank (TB), prepared by the laboratory, 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 D.

### **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 Southland Technical Services, Inc., (STS), a DHS accredited laboratory, in Montebello, California. The groundwater samples and duplicate were analyzed for TPHg, TPHd, and TPHo by modified EPA Method 8015M. The samples were also analyzed for volatile organic compounds (VOCs) including BTEX and the fuel oxygenates MTBE, Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME), and tert-Butanol (TBA) by EPA Method 8260B. The trip blank and equipment blank samples were 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 D.

Chemical analysis results of the 2002 Third Quarter Groundwater Monitoring Event are presented in Table 2. A copy of the laboratory reports and chain-of-custody records is included in Appendix D. A Site map showing TPH concentrations for the 2002 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 usable for meeting project objectives without qualification." A copy of URS's Data Validation Summary is included as Appendix E.

## 7.0 DISCUSSION

Results of the 2002 Third Quarter Groundwater Monitoring indicate that detectable concentrations of TPHg ranging from 95  $\mu\text{g/L}$  to 1,050  $\mu\text{g/L}$  are present in shallow groundwater beneath the Site in the vicinity of the former gasoline and oil USTs. VOCs commonly associated with TPHg, such as BTEX were not detected in any of the groundwater samples collected during this sampling event. However, trace concentrations of MTBE (up to 2.2  $\mu\text{g/L}$ ) were identified in two of the monitoring wells (MW-4 and MW-5) adjacent to the former pump island location. Because the gasoline USTs were reportedly removed from the Site prior 1990, before the widespread use of MTBE as a gasoline additive, alternate sources for this compound should be considered.

No other VOC had been detected in the groundwater samples collected during this quarterly monitoring event. In addition, there have been no measurable separate phase petroleum hydrocarbons in well MW-3 for eight consecutive quarterly monitoring events.

Groundwater flow is towards the south with a gradient of 0.016. Groundwater flow direction and gradient are consistent with previous monitoring events. The potentiometric surface to groundwater beneath the Site has decreased an average of 0.63 feet since the last monitoring event conducted in June 2002.

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. URS plans to further evaluate Site conditions related to the residual petroleum hydrocarbons and VOCs in soil and groundwater by completing confirmation borings in the areas of the removed USTs as described in Appendix F. The data collected will be used to establish closure conditions for the Site in accordance with the City of Oakland ULR Program and RWQCB guidance documents.



## 8.0 SCHEDULE

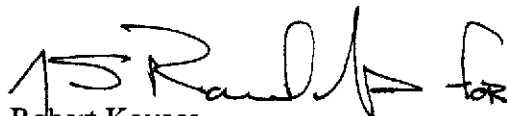
The 2002 fourth quarter groundwater monitoring event was conducted during December 2002 and included the sampling of four out of 10 wells (MW-1, MW-3, MW-9, and EW-1). The soil confirmation borings will be completed following review and approval of the Work Plan by the ACEHS. ACEHS will be notified of upcoming field activities.


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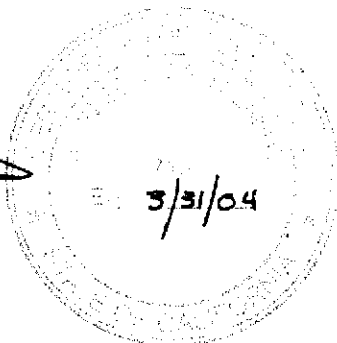
Should you have any questions or comments, please do not hesitate to contact us.

Respectfully Submitted,

URS CORPORATION

  
Robert Kovacs  
Senior Staff Geologist

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



**Table 1**  
**2002 Third Quarter Groundwater Levels and Field Parameters**  
**Former Sears Auto Center No. 1058B**  
**2600 Telegraph Avenue**  
**Oakland, California**

| Monitoring Well No. | Date Collected | Notes | GROUNDWATER LEVELS       |                                  |                        |                             | GROUNDWATER SAMPLING FIELD PARAMETERS |      |                                 |             |                 |                         |
|---------------------|----------------|-------|--------------------------|----------------------------------|------------------------|-----------------------------|---------------------------------------|------|---------------------------------|-------------|-----------------|-------------------------|
|                     |                |       | Product Thickness (feet) | Depth to Groundwater (feet btoc) | Casing Elevation (MSL) | Groundwater Elevation (MSL) | Temperature (Celsius)                 | pH   | Electrical Conductivity (µS/cm) | O.R.P. (mV) | Turbidity (NTU) | Dissolved Oxygen (mg/L) |
| MW-1                | 9/7/02         |       | NA                       | 11.31                            | 26.20                  | 14.89                       | 23.60                                 | 6.38 | 542                             | NA          | 6.8             | NA                      |
| MW-2                | 9/7/02         |       | NA                       | 11.00                            | 26.50                  | 15.50                       | 22.22                                 | 6.44 | 606                             | NA          | 7.3             | NA                      |
| MW-3                | 9/7/02         |       | NA                       | 12.81                            | 26.34                  | 13.53                       | 22.37                                 | 6.73 | 730                             | NA          | 0.0             | NA                      |
| MW-4                | 9/7/02         |       | NA                       | 11.80                            | 26.17                  | 14.37                       | 23.14                                 | 6.47 | 670                             | NA          | 44.5            | NA                      |
| MW-5                | 9/7/02         |       | NA                       | 10.62                            | 26.98                  | 16.36                       | 23.25                                 | 6.47 | 612                             | NA          | 0.2             | NA                      |
| MW-6                | 9/7/02         |       | NA                       | 11.10                            | 24.32                  | 13.22                       | 21.97                                 | 6.37 | 498                             | NA          | 22.4            | NA                      |
| MW-7                | 9/7/02         |       | NA                       | 11.65                            | 24.88                  | 13.23                       | 21.28                                 | 6.25 | 780                             | NA          | 1.2             | NA                      |
| MW-8                | 9/7/02         |       | NA                       | 12.61                            | 26.12                  | 13.51                       | 22.72                                 | 6.35 | 743                             | NA          | 1.2             | NA                      |
| MW-9                | 9/7/02         |       | NA                       | 12.29                            | 25.03                  | 12.74                       | 22.23                                 | 6.56 | 724                             | NA          | 7.2             | NA                      |
| EW-1                | 9/7/02         |       | NA                       | 12.63                            | 26.80                  | 14.17                       | 22.16                                 | 6.68 | 766                             | NA          | 0.0             | NA                      |

Notes:

MSL - Mean Sea Level

btoc - below top of casing

Groundwater Elevation reference to MSL

Groundwater Elevation = Top of casing elevation - Depth to Water.

1 Sheen observed on water surface.

2 Petroleum odor in groundwater

3 Well casing damaged

SP - Separate phase product in well

NA - Not analyzed/Not available.

µS/cm - microSiemens per centimeter

mV - millivolt

mg/L - milligrams per liter

NTU - nephelometric turbidity units

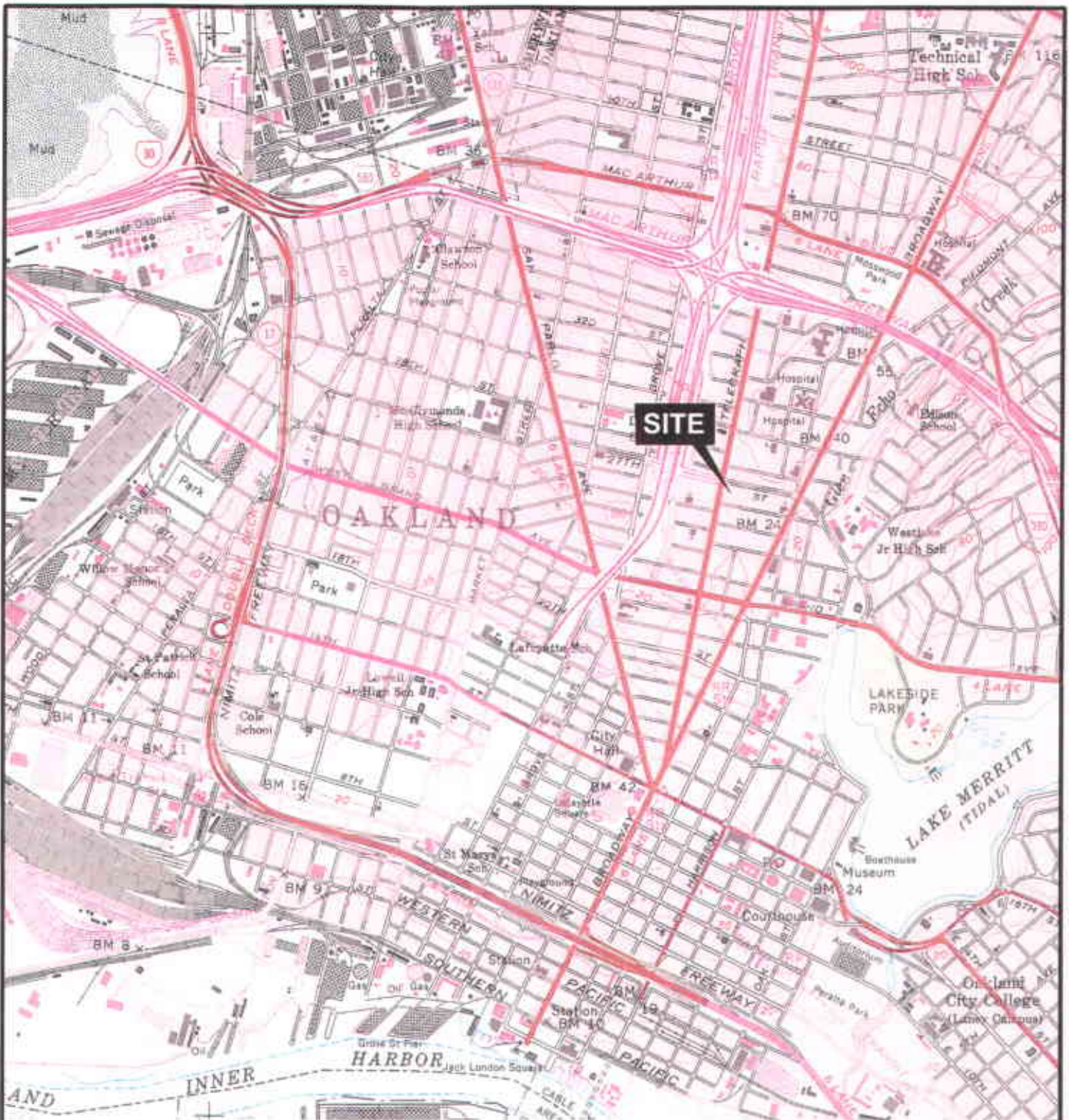
O.R.P. - Oxidation Reduction Potential

Table 2  
 2002 Third Quarter Groundwater Analytical Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
 Oakland, California

| Monitoring Well No. | Sample Date | Notes | Total Petroleum Hydrocarbons (EPA Method 8015M) |                     |                  | Volatile Organics (EPA Method 8260B) |                |                     |                |             |
|---------------------|-------------|-------|---|---------------------|------------------|--------------------------------------|----------------|---------------------|----------------|-------------|
|                     |             |       | Gasoline Range (µg/L)                           | Diesel Range (µg/L) | Oil Range (µg/L) | Benzene (µg/L)                       | Toluene (µg/L) | Ethylbenzene (µg/L) | Xylenes (µg/L) | MTBE (µg/L) |
| MW-1                | 9/7/2002    | 1     | <b>95</b>                                       | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | < 2.0       |
| MW-2                | 9/7/2002    | 1     | < 50  | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | < 2.0       |
| MW-3                | 9/7/2002    | 1     | <b>347</b>                                      | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | < 2.0       |
| MW-4                | 9/7/2002    | 1     | < 50  | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | <b>2.2</b>  |
| MW-5                | 9/7/2002    | 1     | < 50  | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | <b>2.0</b>  |
| MW-6                | 9/7/2002    | 1     | < 50  | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | < 2.0       |
| MW-7                | 9/7/2002    | 1     | < 50  | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | < 2.0       |
| MW-8                | 9/7/2002    | 1     | < 50  | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | < 2.0       |
| MW-9                | 9/7/2002    | 1     | <b>117</b>                                      | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | < 2.0       |
| EW-1                | 9/7/2002    | 1     | <b>1050</b>                                     | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | < 2.0       |
| EW-1                | 9/7/2002    | 1,2   | <b>942</b>                                      | < 500               | < 2000           | < 1.0                                | < 1.0          | < 1.0               | < 2.0          | < 2.0       |

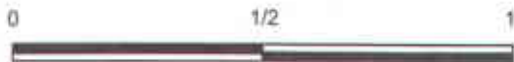
Explanation / Notes:

- 1. "Post-purge" sample
- 2. Duplicate sample analysis.
- 3. Groundwater well not sampled
- = Either not present, not measured, or not calculated.
- SH = Product sheen observed in field.
- 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



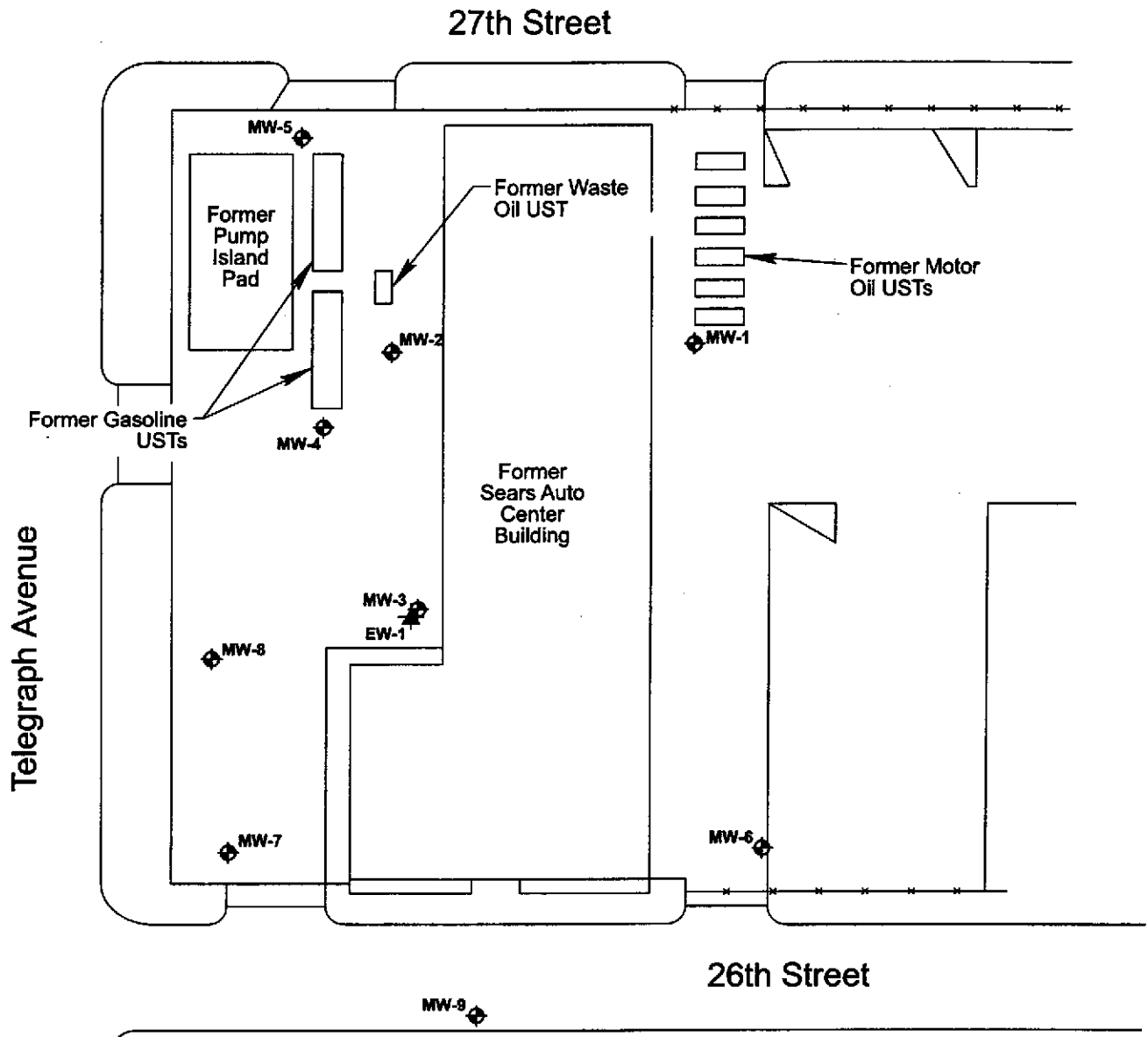
REFERENCE: USGS 7.5 Minute Series Oakland West, CA Quad, 1959, Photorevised 1980

**FIGURE 1**  
**VICINITY MAP**  
 FORMER SEARS AUTO CENTER #1058  
 2600 TELEGRAPH AVENUE  
 OAKLAND, CALIFORNIA  
 For Sears, Roebuck & Co.






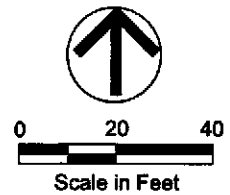
Scale in Miles

**URS**



**LEGEND**

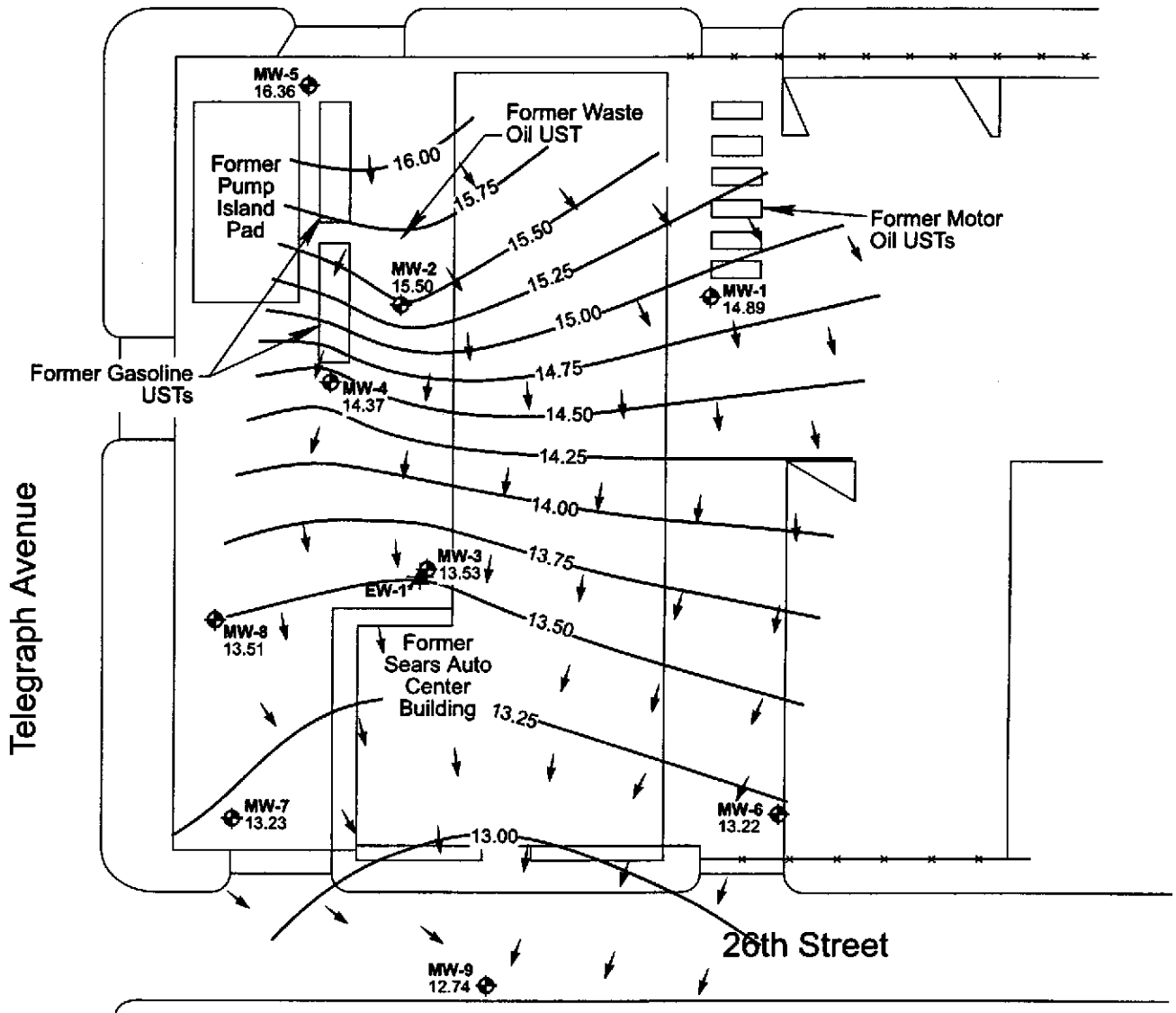
- MW-3  MONITORING WELL LOCATION
- EW-1  EXTRACTED WELL LOCATION
-  CHAIN LINK FENCE






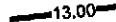


| <b>PLOT PLAN</b>  |          |
|---|----------|
| Project: Sears Auto Center #1058,<br>2600 Telegraph Avenue, Oakland, CA |          |
| Project No.: 29863494   | Figure 2 |

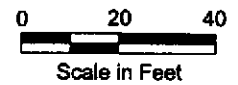
L:\Sears\figure 2 #1058.fh10 10/02

27th Street



**LEGEND**

-  MW-8 13.51 **MONITORING WELL LOCATION AND GROUNDWATER POTENTIOMETRIC ELEVATION**
-  EW-1 **EXTRACTION WELL LOCATION**
-  **CHAIN LINK FENCE**
-  13.00 **GROUNDWATER ELEVATION CONTOUR (MSL)**
-  **GROUNDWATER FLOW VECTORS**
-  **GROUNDWATER ELEVATION NOT USED IN CONTOURING**



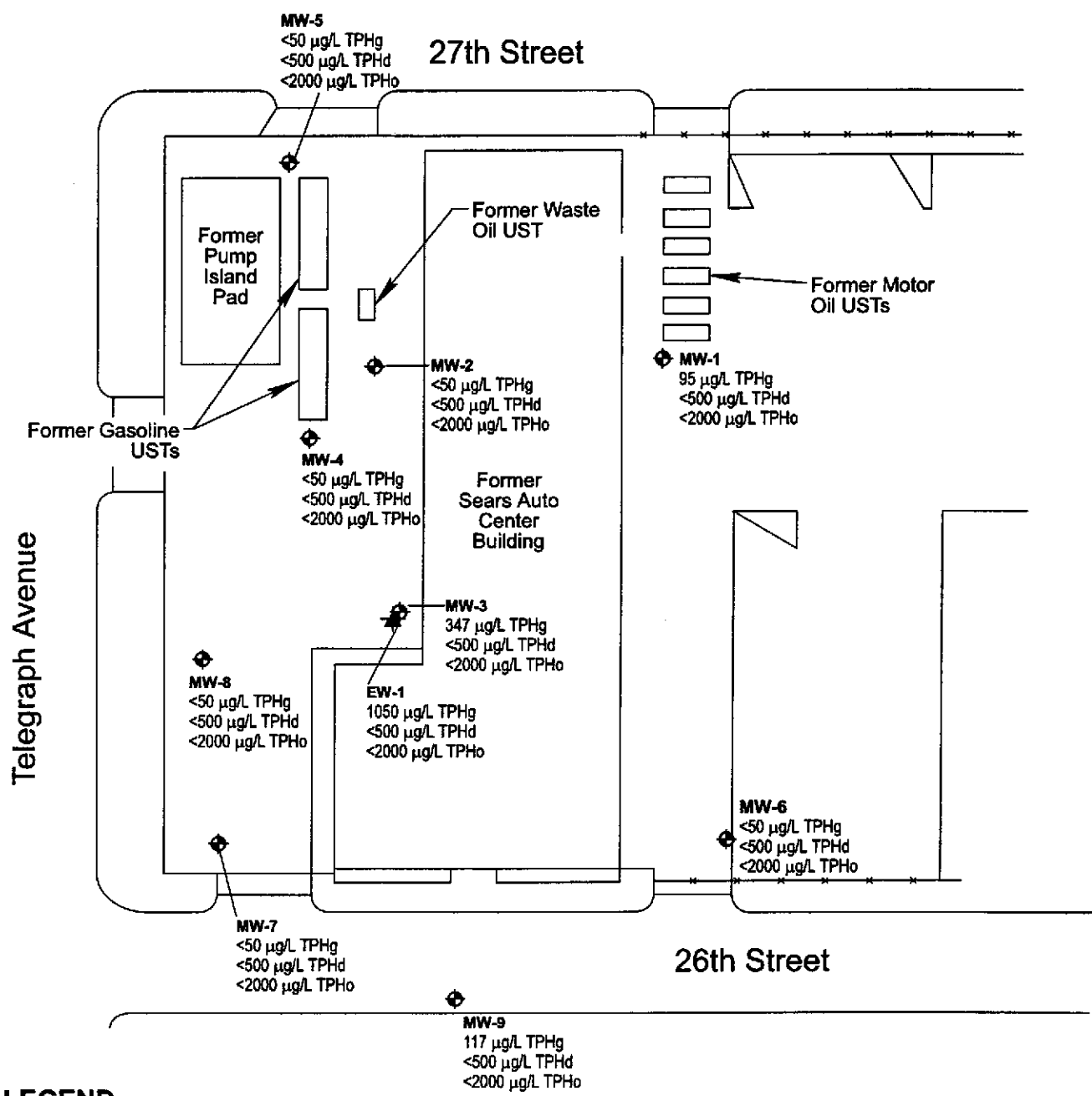
**GROUNDWATER CONTOUR MAP  
2002 THIRD QUARTER**

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




Project No.: 29863494

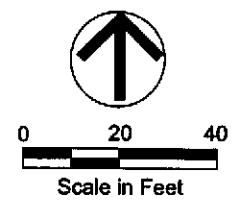
Date: JANUARY 2003

Figure 3



**LEGEND**

-  **MONITORING WELL LOCATION**
-  **EXTRACTED WELL LOCATION**
-  **CHAIN LINK FENCE**
- TPHg** **TOTAL PETROLEUM HYDROCARBONS GASOLINE ORGANICS RANGE**
- TPHd** **TOTAL PETROLEUM HYDROCARBONS DIESEL FUEL RANGE**
- TPHo** **TOTAL PETROLEUM HYDROCARBONS MOTOR OIL RANGE**
- µg/L** **MICROGRAMS PER LITER**



| <b>TPH CONCENTRATION MAP<br/>2002 THIRD QUARTER</b>                     |          |
|---|----------|
| Project: Sears Auto Center #1058,<br>2600 Telegraph Avenue, Oakland, CA |          |
| Project No.: 29863494   | Figure 4 |
| Date: JANUARY 2003  |          |

L:/Sears/TPH 3rd quart 02 oakland.fh10 12/02

**APPENDIX A**

**AEMC SITE MAPS AND TABLES FOR MOTOR OIL USTs AND USED OIL UST  
REMOVALS AND SOIL EXCAVATION**



**TABLE 1****Analytical Results of Soil Samples****Sears, Roebuck and Co.  
Oakland, California****Motor Oil Tank Area**

| Sample ID         | Date     | Depth<br>(feet below ground surface) | TPH-D<br>(ppm) | Oil & Grease<br>(ppm) |
|-------------------|----------|--------------------------------------|----------------|-----------------------|
| <u>Excavation</u> |          |                                      |                |                       |
| SB-1A             | 9/19/90  | 10                                   | ND             | ND                    |
| SB-1B             | 9/19/90  | 10                                   | ND             | ND                    |
| SB-1/2 A          | 9/19/90  | 10                                   | ND             | 80                    |
| SB-1/2B           | 11/15/90 | 12                                   | <60            | 280                   |
| SB-2/3 A          | 9/19/90  | 10                                   | ND             | ND                    |
| SB-3/4 A          | 9/19/90  | 10                                   | ND             | ND                    |
| SB-4/5 A          | 9/19/90  | 10                                   | ND             | ND                    |
| SB 5/6 A          | 9/19/90  | 11                                   | ND             | ND                    |
| SB-5/6 B          | 9/19/90  | 10                                   | 390            | 600*                  |
| SB-5/6C           | 11/15/90 | 12                                   | ND             | 80                    |
| SB-6A             | 9/19/90  | 9                                    | ND             | ND                    |
| SB-6B             | 11/15/90 | 11                                   | ND             | ND                    |

\* Sample also contained Ethylbenzene @ 13 ppb and Xylenes @ 14 ppb.

**TABLE 2**

**Analytical Results of Soil Samples  
Sears, Roebuck and Co.  
Oakland, California**

**Waste Oil Tank Area**

| Sample ID           | Depth<br>(feet bgs) | TPH-G<br>(ppm) | TPH-D<br>(ppm) | Oil &<br>Grease<br>(ppm) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | Cd<br>(ppm) | Cr<br>(ppm) | Ni<br>(ppm) | Pb<br>(ppm) | Zn<br>(ppm) |
|---------------------|---------------------|----------------|----------------|--------------------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|
| <b>Excavation</b>   |                     |                |                |                          |            |            |            |            |             |             |             |             |             |
| SB-7A <sup>a</sup>  | 9                   | 31             | 2,800          | 3,200                    | ND         | 58         | 100        | 720        | ND          | 33          | 28          | 360         | 54          |
| SB-7B <sup>b</sup>  | 9                   | 31             | 1,500          | 2,100                    | 12         | 200        | 250        | 1,400      | ND          | 28          | 24          | 190         | 64          |
| <b>Stockpile</b>    |                     |                |                |                          |            |            |            |            |             |             |             |             |             |
| SP-3-1 <sup>c</sup> | —                   | 39             | 4,400          | 6,800                    | ND         | 310        | 410        | 3,000      | ND          | 20          | 20          | 440         | 62          |
| SP-3-2              | —                   | 13             | 850            | 1,600                    | ND         | 9          | 23         | 220        | 1           | 32          | 34          | 47          | 45          |

bgs below ground surface

TPH-G Total Petroleum Hydrocarbons as gasoline  
 TPH-D Total Petroleum Hydrocarbons as diesel  
 B Benzene  
 T Toluene  
 X Xylenes  
 E Ethylbenzene  
 Cd Cadmium  
 Cr Chromium  
 Ni Nickel  
 Pb Lead  
 Zn Zinc

- a Sample also contained: Tetrachloroethene @ 82 ppb  
Trichloroethene @ 17 ppb
- b Sample also contained: Acetone @ 140 ppb  
Tetrachloroethene @ 7 ppb  
Trichloroethane @ 19 ppb
- c Sample also contained: Tetrachloroethene @ 52 ppb

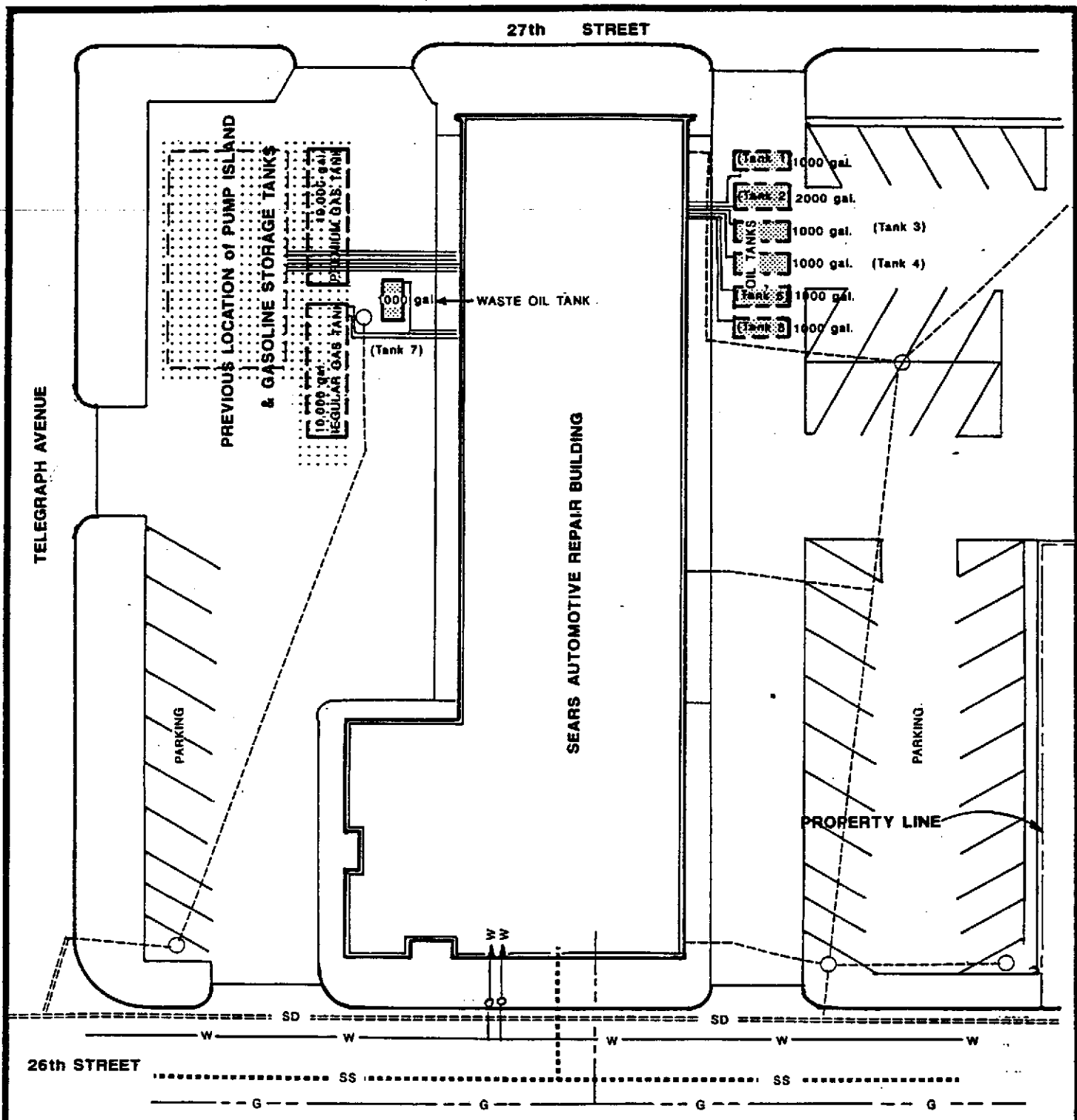
**TABLE 1**

**Analytical Results of Soil Samples  
Sears, Roebuck and Co.  
Oakland, California**

**Motor Oil Tank Area**

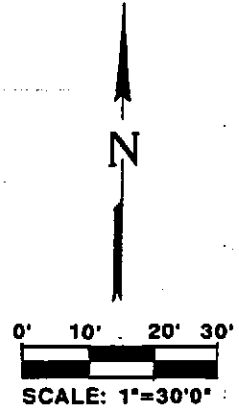
| <u>Sample ID</u>  | <u>Depth<br/>(feet below ground surface)</u> | <u>TPH-D<br/>(ppm)</u> | <u>Oil &amp; Grease<br/>(ppm)</u> |
|-------------------|--|------------------------|-----------------------------------|
| <u>Excavation</u> |  |                        |                                   |
| SB-1A             | 10   | ND                     | ND                                |
| SB-1B             | 10   | ND                     | ND                                |
| SB-1/2 A          | 10   | ND                     | 80                                |
| SB-2/3 A          | 10   | ND                     | ND                                |
| SB-3/4 A          | 10   | ND                     | ND                                |
| SB-4/5 A          | 10   | ND                     | ND                                |
| SB 5/6 A          | 11   | ND                     | ND                                |
| SB-5/6 B          | 10   | 390                    | 600*                              |
| SB-6A             | 9  | ND                     | ND                                |
| <u>Stockpile</u>  |  |                        |                                   |
| SP-1-1            | —  | 140                    | ND                                |
| SP-1-2            | —  | 120                    | 260                               |
| SP-1-3            | —  | 170                    | 280                               |
| SP-1-4            | —  | 52                     | 240                               |
| SP-1-5            | —  | 77                     | 100                               |
| SP-2-1            | —  | 39                     | 100                               |
| SP-2-2            | —  | 87                     | 200                               |

\* Sample also contained Ethylbenzene @ 13 ppb and Xylenes @ 14 ppb.



**EXPLANATION:**

- W — WATER MAIN
- - - G - - - GAS MAIN
- SS SANITARY SEWER
- == SD STORM DRAIN
- - - DRAIN LINE
- [Hatched Box] TANKS TO BE EXCAVATED
- [Dotted Box] PREVIOUS LOCATION of PUMP ISLAND & STORAGE TANKS



**AMERICAN**  
ENVIRONMENTAL MANAGEMENT CORP.

**FIGURE 2**  
**SITE PLAN**

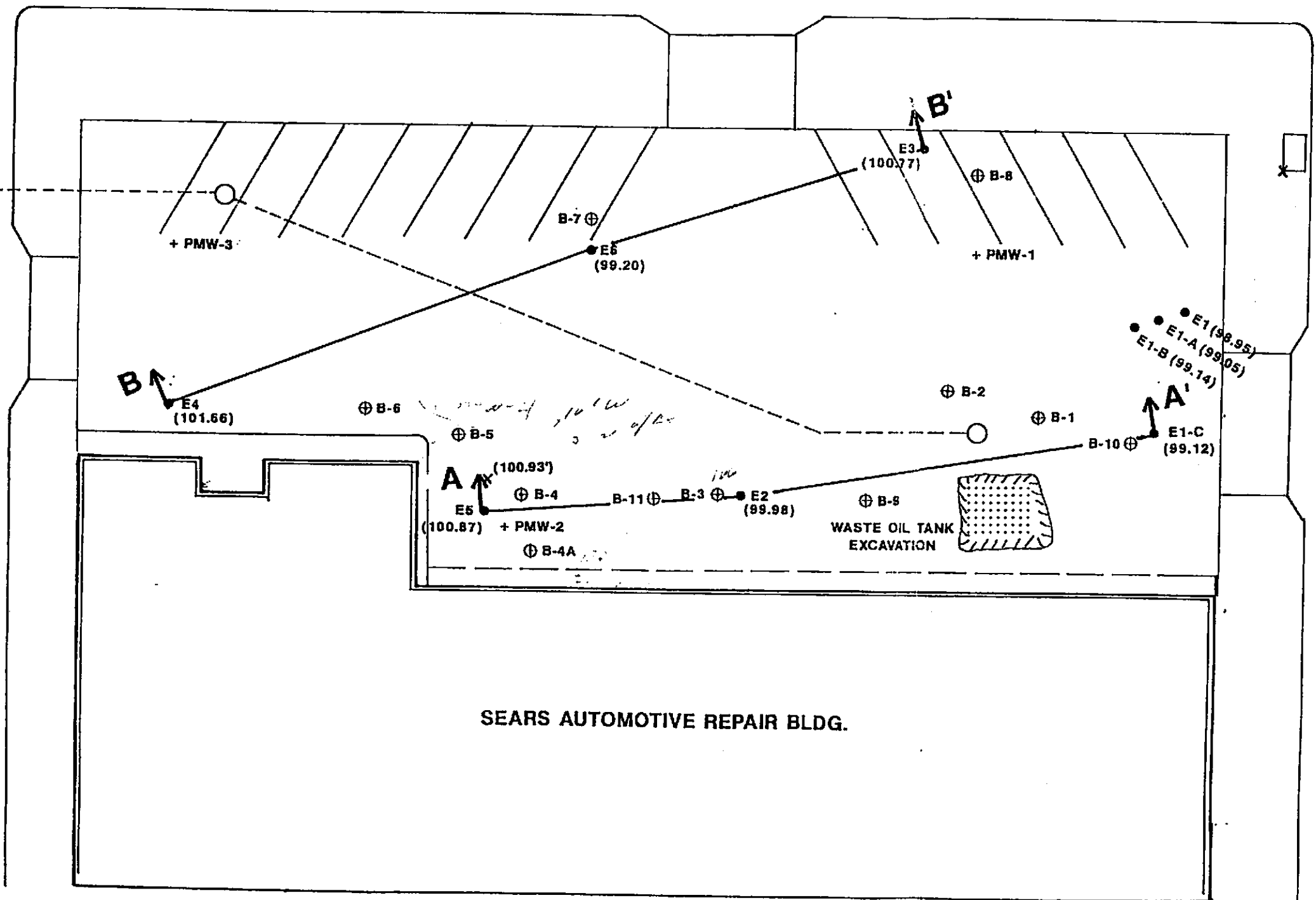
SEARS AUTOMOTIVE - Oakland, California

|               |               |                   |
|---------------|---------------|-------------------|
| DRAWN BY: GPM | DATE: 9/28/90 | PROJECT NO. 50109 |
|---------------|---------------|-------------------|

TELEGRAPH AVENUE

27TH STREET

(100.00 DATUM)

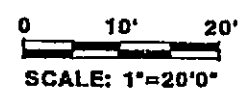


SEARS AUTOMOTIVE REPAIR BLDG.

WASTE OIL TANK EXCAVATION

EXPLANATION

- E2 ELECTRONIC CONE PENETROMETER Test Locations (ECP,CPT,CMT & E Sample Names)
- ⊕ B-2 BORING Locations
- (98.95) ELEVATION per DATUM
- A-A' GEOLOGICAL CROSS SECTION Location
- + PMW-1 Proposed SOIL BORING & MONITORING WELL Locations



**AMERICAN**  
ENVIRONMENTAL MANAGEMENT CORP.

**FIGURE 3**  
**E.C.P. & BORING Locations**

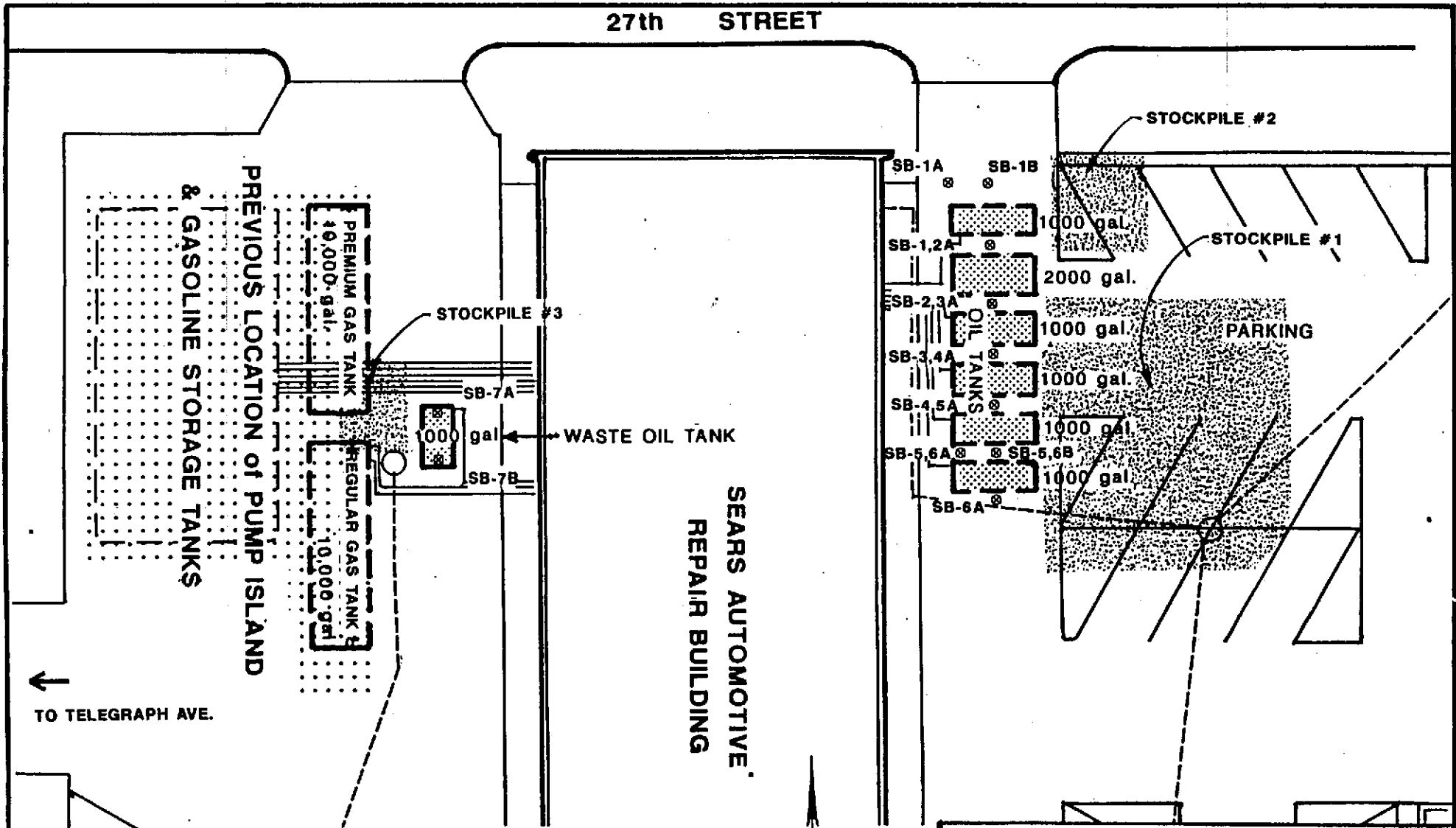
SEARS AUTOMOTIVE - Oakland, CA.

|               |               |                   |
|---------------|---------------|-------------------|
| DRAWN BY: GPM | DATE: 8/23/91 | PROJECT NO. 82560 |
|---------------|---------------|-------------------|

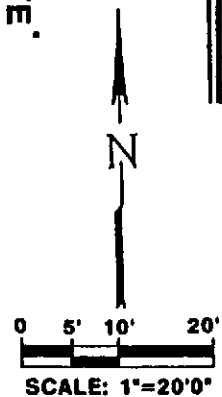
**APPENDIX B**

**AEMC SITE MAP AND TABLES FOR 1991 PHASE II INVESTIGATION**

27th STREET



- ⊗ SB-1A SOIL BORING SAMPLE LOCATION
- ▨ SOIL STOCKPILE LOCATION
- ▤ EXCAVATED TANKS
- ⋯ PREVIOUS LOCATION of PUMP ISLAND & STORAGE TANKS



**AMERICAN**  
ENVIRONMENTAL MANAGEMENT CORP.

**FIGURE 3**  
**SAMPLE & STOCKPILE LOCATIONS**

SEARS AUTOMOTIVE - Oakland, California

|               |               |                   |
|---------------|---------------|-------------------|
| DRAWN BY: GPM | DATE: 9/28/90 | PROJECT NO. 50109 |
|---------------|---------------|-------------------|

TABLE 1

Analytical Results of Soil Samples  
Sears Automotive Center  
Oakland, California

Waste Oil Tank Area

| Sample ID | Depth<br>(feet bgs) | TPH-G<br>(ppm) | TPH-D<br>(ppm) | Oil & Grease<br>(ppm) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) |
|-----------|---------------------|----------------|----------------|-----------------------|------------|------------|------------|------------|
| B-1-1     | 5                   | <1             | <10            | 100                   | <5         | <5         | <5         | <5         |
| B-1-2     | 8                   | <1             | <10            | <50                   | <5         | <5         | <5         | <5         |
| B-1-3     | 11.5                | 2.1            | <10            | 300                   | 87         | 150        | 38         | 160        |
| B-2-1     | 5                   | 2.2            | <10            | <50                   | 100        | 140        | 30         | 120        |
| B-2-2     | 8                   | 1.8            | <10            | 300                   | <5         | <5         | 94         | <5         |
| B-2-3     | NO RECOVERY         |                | ----           | ----                  | ----       | ----       | ----       | ----       |
| B-7-1     | 5                   | <1             | <10            | <1                    | <1         | 26         | <1         | <1         |
| B-7-2     | 8                   | <1             | <10            | <50                   | <5         | 220        | <5         | <1         |
| B-7-3     | 12                  | 2.0            | <10            | <50                   | <5         | 110        | <5         | <1         |
| B-8-1     | 5                   | <1             | <10            | <50                   | <5         | 50         | <5         | <1         |
| B-8-2     | 8                   | 6.3            | <10            | <50                   | 41         | 200        | 170        | 280        |
| B-8-3     | 12                  | 1.4            | <10            | <50                   | 5          | 130        | 30         | <1         |
| B-9-1     | 5                   | <1             | <10            | <50                   | <5         | 39         | <5         | <1         |
| B-9-2     | 8                   | <1             | <10            | <50                   | <5         | 220        | <5         | <1         |
| B-9-3     | 12                  | <1             | <10            | 400                   | <5         | 120        | <5         | <1         |
| B-9-4     | 15                  | <1             | <10            | <50                   | <5         | 75         | <5         | <1         |
| B-10-1    | 5                   | <1             | <10            | <50                   | <5         | 67         | <5         | <1         |
| B-10-2    | 8                   | <1             | <10            | <50                   | <5         | 110        | <5         | <1         |
| B-10-3    | 12                  | 1.8            | <10            | <50                   | <5         | 210        | 6.4        | <1         |
| B-11-1    | 5                   | <1             | <10            | <50                   | <5         | 100        | <5         | <1         |
| B-11-2    | 8                   | <1             | <10            | <50                   | <5         | 120        | <5         | <1         |
| B-11-3    | 12                  | 3.5            | <10            | 930                   | <5         | 300        | 7.6        | <1         |

bgs                    below ground surface

TPH-G                Total Petroleum Hydrocarbons as gasoline  
 TPH-D                Total Petroleum Hydrocarbons as diesel  
 B                      Benzene  
 T                      Toluene  
 X                      Xylenes  
 E                      Ethylbenzene



TABLE 2

GROUNDWATER SAMPLE ANALYSES

| Sample ID | TPH-G<br>(ppb) | TPH-D<br>(ppb) | Oil & Grease<br>(ppm) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) |
|-----------|----------------|----------------|-----------------------|------------|------------|------------|------------|
| ES        | 18,000         | <50            | 7,000                 | 240        | 240        | 74         | 180        |
| B-1-HP    | <50            | <50            | <5                    | <0.5       | <0.5       | <0.5       | <0.5       |
| B-3-HP    | <50            | <50            | 200                   | <0.5       | <0.5       | <0.5       | <0.5       |
| B-4A-HP   | 180            | <50            | <50                   | 2.1        | 0.6        | 0.5        | 2.1        |
| B-6-HP    | <50            | <50            | <50                   | <0.5       | <0.5       | <0.5       | <0.5       |
| B7-HP     | <50            | <50            | <50                   | <0.5       | <0.5       | <0.5       | <0.5       |
| B-8-HP    | <50            | <50            | <50                   | <0.5       | <0.5       | <0.5       | <0.5       |

TPH-G Total Petroleum Hydrocarbons as gasoline  
 TPH-D Total Petroleum Hydrocarbons as diesel  
 B Benzene  
 T Toluene  
 X Xylenes  
 E Ethylbenzene

in groundwater at the subject site. The cone penetrometer is useful in conducting initial soil and groundwater contaminant and soil stratigraphy surveys, not to provide verification of concentrations in soil or groundwater. Soil borings and monitoring wells will be used for confirmation.

**APPENDIX C**

**HISTORICAL GROUNDWATER MONITORING RESULTS**

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
 Oakland, California  
 (Page 1 of 17)

| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |
| MW-1     |       | 12/30/92      | 10.60                         | --                        | 0.00                      | 26.20                     | 15.60                          | µg/L                          | 1        | 1        | 2        | 2        | ---         | ---                     | ---                     | ---                         | 1           | ---              |
| MW-1     |       | 02/26/93      | 10.14                         | --                        | 0.00                      | 26.20                     | 16.06                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 03/24/93      | 10.48                         | --                        | 0.00                      | 26.20                     | 15.72                          | µg/L                          | 0.4      | 1        | 0.32     | 10       | ---         | ---                     | ---                     | ---                         | 1           | ---              |
| MW-1     |       | 04/27/93      | 11.30                         | --                        | 0.00                      | 26.20                     | 14.90                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 05/28/93      | 11.43                         | --                        | 0.00                      | 26.20                     | 14.77                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 06/21/93      | 11.71                         | --                        | 0.00                      | 26.20                     | 14.49                          | µg/L                          | < 0.3    | 1        | < 0.3    | 6        | ---         | ---                     | ---                     | < **100                     | ---         | ---              |
| MW-1     |       | 07/22/93      | 11.87                         | --                        | 0.00                      | 26.20                     | 14.33                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 08/13/93      | 11.94                         | --                        | 0.00                      | 26.20                     | 14.26                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 09/16/93      | 12.05                         | --                        | 0.00                      | 26.20                     | 14.15                          | µg/L                          | < 0.3    | 0.7      | 2        | 7        | ---         | ---                     | ---                     | < **100                     | ---         | ---              |
| MW-1     |       | 10/22/93      | 12.00                         | --                        | 0.00                      | 26.20                     | 14.20                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 11/03/93      | 12.10                         | --                        | 0.00                      | 26.20                     | 14.10                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 12/01/93      | 11.46                         | --                        | 0.00                      | 26.20                     | 14.74                          | µg/L                          | 0.4      | 1        | ---      | 7        | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 12/27/93      | 11.58                         | --                        | 0.00                      | 26.20                     | 14.62                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 12/30/93      | --                            | --                        | --                        | 26.20                     | --                             | µg/L                          | ---      | ---      | 1        | ---      | ---         | ---                     | ---                     | < 100                       | ---         | ---              |
| MW-1     |       | 01/05/94      | 11.69                         | --                        | 0.00                      | 26.20                     | 14.51                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 02/08/94      | 11.87                         | --                        | 0.00                      | 26.20                     | 14.33                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 03/09/94      | 11.08                         | --                        | 0.00                      | 26.20                     | 15.12                          | µg/L                          | < 0.3    | < 0.3    | 2.4      | 4.2      | ---         | ---                     | ---                     | < 100                       | ---         | ---              |
| MW-1     |       | 04/01/94      | 11.47                         | --                        | 0.00                      | 26.20                     | 14.73                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 05/10/94      | 10.77                         | --                        | 0.00                      | 26.20                     | 15.43                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 06/30/94      | 11.82                         | --                        | 0.00                      | 26.20                     | 14.38                          | µg/L                          | 0.6      | 0.7      | 1.4      | 15       | ---         | ---                     | ---                     | < 100                       | ---         | ---              |
| MW-1     |       | 07/28/94      | 11.90                         | --                        | 0.00                      | 26.20                     | 14.30                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 08/31/94      | 11.94                         | --                        | 0.00                      | 26.20                     | 14.26                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 09/27/94      | 12.04                         | --                        | 0.00                      | 26.20                     | 14.16                          | µg/L                          | 0.9      | 0.5      | < 0.3    | 10       | ---         | ---                     | ---                     | < *250                      | ---         | ---              |
| MW-1     |       | 10/28/94      | 12.06                         | --                        | 0.00                      | 26.20                     | 14.14                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 11/15/94      | 10.02                         | --                        | 0.00                      | 26.20                     | 16.18                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 12/01/94      | 10.61                         | --                        | 0.00                      | 26.20                     | 15.59                          | µg/L                          | 0.4      | 0.4      | < 0.3    | 6.6      | ---         | ---                     | ---                     | < *250                      | ---         | ---              |
| MW-1     |       | 01/04/95      | 9.93                          | --                        | 0.00                      | 26.20                     | 16.27                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 02/01/95      | 9.56                          | --                        | 0.00                      | 26.20                     | 16.64                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 03/08/95      | 10.51                         | --                        | 0.00                      | 26.20                     | 15.69                          | µg/L                          | < 0.3    | 0.6      | 4.7      | 2.7      | ---         | ---                     | ---                     | < *250                      | ---         | ---              |
| MW-1     |       | 04/03/95      | --                            | --                        | --                        | 26.20                     | --                             | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 05/18/95      | 10.80                         | --                        | 0.00                      | 26.20                     | 15.40                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 06/09/95      | 11.18                         | --                        | 0.00                      | 26.20                     | 15.02                          | µg/L                          | < 0.3    | 1.4      | 3.9      | 5.6      | ---         | ---                     | ---                     | < *250                      | ---         | ---              |
| MW-1     |       | 07/13/95      | 11.27                         | --                        | 0.00                      | 26.20                     | 14.93                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 08/03/95      | 11.48                         | --                        | 0.00                      | 26.20                     | 14.72                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-1     |       | 08/29/95      | 11.56                         | --                        | 0.00                      | 26.20                     | 14.64                          | µg/L                          | 0.3      | 0.9      | < 0.5    | 2.8      | ---         | ---                     | ---                     | < *250                      | ---         | ---              |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
 Oakland, California  
 (Page 2 of 17)

| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| MW-1     |       | 09/15/95      | 11.71                         | --                        | 0.00                      | 26.20                     | 14.49                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-1     |       | 10/20/95      | 11.80                         | --                        | 0.00                      | 26.20                     | 14.40                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-1     |       | 11/15/95      | 11.61                         | --                        | 0.00                      | 26.20                     | 14.59                          | µg/L                          | < 0.5    | < 0.5    | < 1.0    | 27       | ---         | ---                     | ---                     | < *200                      | ---         | ---              |  |
| MW-1     |       | 01/15/96      | 11.21                         | --                        | 0.00                      | 26.20                     | 14.99                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-1     |       | 03/05/96      | 9.35                          | --                        | 0.00                      | 26.20                     | 16.85                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | ---                     | ---                     | < *200                      | ---         | ---              |  |
| MW-1     |       | 04/19/96      | 10.60                         | --                        | 0.00                      | 26.20                     | 15.60                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-1     |       | 05/10/96      | 11.18                         | --                        | 0.00                      | 26.20                     | 15.02                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-1     |       | 06/03/96      | 10.90                         | --                        | 0.00                      | 26.20                     | 15.30                          | µg/L                          | < 0.5    | < 1.0    | 3.7      | 3.4      | ---         | 340                     | ---                     | < *200                      | ---         | ---              |  |
| MW-1     |       | 09/04/96      | 11.31                         | --                        | 0.00                      | 26.20                     | 14.89                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | 390                     | ---                     | 310                         | ---         | ---              |  |
| MW-1     |       | 12/02/96      | 10.61                         | --                        | 0.00                      | 26.20                     | 15.59                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | 2.7      | ---         | 400                     | ---                     | < *200                      | ---         | ---              |  |
| MW-1     |       | 02/26/97      | 10.31                         | --                        | 0.00                      | 26.20                     | 15.89                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | 4.5      | ---         | 390                     | ---                     | < *200                      | ---         | ---              |  |
| MW-1     |       | 06/09/97      | 11.25                         | --                        | 0.00                      | 26.20                     | 14.95                          | µg/L                          | < 0.5    | < 1.0    | < 0.5    | 2.3      | < 10        | 340                     | ---                     | < 200                       | ---         | ---              |  |
| MW-1     |       | 08/25/97      | 11.15                         | --                        | 0.00                      | 26.20                     | 15.05                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | 3        | < 5         | 220                     | ---                     | < 200                       | ---         | ---              |  |
| MW-1     |       | 11/28/97      | 10.07                         | --                        | 0.00                      | 26.20                     | 16.13                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | 3        | 6.0         | 340                     | ---                     | < 200                       | ---         | ---              |  |
| MW-1     |       | 02/12/98      | 8.70                          | --                        | 0.00                      | 26.20                     | 17.50                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | 280                     | ---                     | < 200                       | ---         | ---              |  |
| MW-1     |       | 05/20/98      | 10.89                         | --                        | 0.00                      | 26.20                     | 15.31                          | µg/L                          | < 0.5    | < 0.5    | 0.8      | 3        | < 5         | 340                     | ---                     | < 200                       | ---         | ---              |  |
| MW-1     |       | 08/11/98      | 11.60                         | --                        | 0.00                      | 26.20                     | 14.60                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | 230                     | ---                     | < 500                       | ---         | ---              |  |
| MW-1     |       | 11/10/98      | 11.10                         | --                        | 0.00                      | 26.20                     | 15.10                          | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 0.50   | < 2.5       | 150                     | ---                     | < 250                       | ---         | ---              |  |
| MW-1     |       | 02/11/99      | 9.40                          | --                        | 0.00                      | 26.20                     | 16.80                          | µg/L                          | < 0.50   | < 0.50   | 1        | 1.6      | 6.7         | 260                     | ---                     | < 500                       | ---         | ---              |  |
| MW-1     |       | 05/11/99      | 11.05                         | --                        | 0.00                      | 26.20                     | 15.15                          | µg/L                          | < 0.5    | 0.54     | < 0.5    | 4.7      | < 2.5       | 160                     | ---                     | < 250                       | ---         | ---              |  |
| MW-1     |       | 08/10/99      | 11.66                         | --                        | 0.00                      | 26.20                     | 14.54                          | µg/L                          | < 0.5    | 0.79     | < 0.5    | 2.8      | < 2.0       | 230                     | ---                     | < 250                       | ---         | ---              |  |
| MW-1     |       | 10/26/99      | 12.90                         | --                        | 0.00                      | 26.20                     | 13.30                          | µg/L                          | < 0.5    | < 0.5    | 0.64     | 1.2      | < 2.5       | 95                      | ---                     | < 250                       | ---         | ---              |  |
| MW-1     |       | 02/25/00      | 9.80                          | --                        | 0.00                      | 26.20                     | 16.40                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.6         | 330                     | ---                     | 310                         | ---         | ---              |  |
| MW-1     |       | 05/03/00      | 10.90                         | --                        | 0.00                      | 26.20                     | 15.30                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.5         | 220                     | ---                     | < 100                       | ---         | ---              |  |
| MW-1     |       | 08/02/00      | 11.40                         | --                        | 0.00                      | 26.20                     | 14.80                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.1         | 170                     | ---                     | < 100                       | ---         | ---              |  |
| MW-1     |       | 11/07/00      | 10.83                         | --                        | 0.00                      | 26.20                     | 15.37                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 0.9         | 250                     | ---                     | < 100                       | ---         | ---              |  |
| MW-1     |       | 02/15/01      | 9.40                          | --                        | 0.00                      | 26.20                     | 16.80                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.0         | 350                     | ---                     | 200                         | ---         | ---              |  |
| MW-1     |       | 04/26/01      | 10.43                         | --                        | 0.00                      | 26.20                     | 15.77                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.5         | 310                     | ---                     | 200                         | ---         | ---              |  |
| MW-1     |       | 07/23/01      | 11.27                         | --                        | 0.00                      | 26.20                     | 14.93                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.7         | 180                     | ---                     | < 100                       | ---         | ---              |  |
| MW-1     |       | 11/01/01      | 10.90                         | --                        | 0.00                      | 26.20                     | 15.30                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.6         | 200                     | ---                     | 120                         | ---         | ---              |  |
| MW-1     | 2     | 03/28/02      | 9.80                          | --                        | 0.00                      | 26.20                     | 16.40                          | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 1.0    | < 5.0       | 120                     | 92                      | < 500                       | ---         | ---              |  |
| MW-1     | 2     | 06/06/02      | 10.44                         | --                        | 0.00                      | 26.20                     | 15.76                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | 147                     | < 500                   | < 2000                      | ---         | ---              |  |
| MW-1     | 2,3   | 06/06/02      | 10.44                         | --                        | 0.00                      | 26.20                     | 15.76                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | 107                     | < 500                   | < 2000                      | ---         | ---              |  |
| MW-1     | 2     | 09/07/02      | 11.31                         | --                        | 0.00                      | 26.20                     | 14.89                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | 95                      | < 500                   | < 2000                      | ---         | ---              |  |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
 Oakland, California  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>r</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> <sup>***</sup> (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| MW-2     |       | 12/30/92      | 10.65                         | --                        | 0.00                      | 26.50                     | 15.85                          | µg/L                          | 0.7      | < 0.3    | < 0.3    | 3        | ---         | 190                     | ---                     | ---                                    | 1           | *ND              |  |
| MW-2     |       | 02/26/93      | 10.56                         | --                        | 0.00                      | 26.50                     | 15.94                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 03/24/93      | 10.52                         | --                        | 0.00                      | 26.50                     | 15.98                          | µg/L                          | 0.6      | < 0.3    | < 0.3    | 2        | ---         | 120                     | ---                     | ---                                    | < 1         | *ND              |  |
| MW-2     |       | 04/27/93      | 11.17                         | --                        | 0.00                      | 26.50                     | 15.33                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 05/28/93      | 11.12                         | --                        | 0.00                      | 26.50                     | 15.38                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 06/21/93      | 11.41                         | --                        | 0.00                      | 26.50                     | 15.09                          | µg/L                          | 0.3      | < 0.3    | < 0.3    | 0.7      | ---         | 82                      | ---                     | < **100                                | ---         | *ND              |  |
| MW-2     |       | 07/22/93      | 11.50                         | --                        | 0.00                      | 26.50                     | 15.00                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 08/13/93      | 11.54                         | --                        | 0.00                      | 26.50                     | 14.96                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 09/16/93      | 11.62                         | --                        | 0.00                      | 26.50                     | 14.88                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 28                      | ---                     | < **100                                | ---         | *ND              |  |
| MW-2     |       | 10/22/93      | 11.57                         | --                        | 0.00                      | 26.50                     | 14.93                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 11/03/93      | 11.65                         | --                        | 0.00                      | 26.50                     | 14.85                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 11/24/93      | 11.52                         | --                        | 0.00                      | 26.50                     | 14.98                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 12/01/93      | 11.08                         | --                        | 0.00                      | 26.50                     | 15.42                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | 1        | ---         | 68                      | ---                     | ---                                    | ---         | *ND              |  |
| MW-2     |       | 12/27/93      | 11.27                         | --                        | 0.00                      | 26.50                     | 15.23                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 12/30/93      | --                            | --                        | --                        | 26.50                     | --                             | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 01/05/94      | 11.39                         | --                        | 0.00                      | 26.50                     | 15.11                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 02/08/94      | 11.49                         | --                        | 0.00                      | 26.50                     | 15.01                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 03/09/94      | 11.06                         | --                        | 0.00                      | 26.50                     | 15.44                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 47                      | ---                     | < 100                                  | ---         | ND               |  |
| MW-2     |       | 04/01/94      | 11.25                         | --                        | 0.00                      | 26.50                     | 15.25                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 05/10/94      | 10.83                         | --                        | 0.00                      | 26.50                     | 15.67                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 06/30/94      | 11.44                         | --                        | 0.00                      | 26.50                     | 15.06                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | 100                                    | ---         | ND               |  |
| MW-2     |       | 07/28/94      | 11.48                         | --                        | 0.00                      | 26.50                     | 15.02                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 08/31/94      | 11.56                         | --                        | 0.00                      | 26.50                     | 14.94                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 09/27/94      | 11.61                         | --                        | 0.00                      | 26.50                     | 14.89                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < *250                                 | ---         | <sup>d</sup> 15  |  |
| MW-2     |       | 10/28/94      | 11.65                         | --                        | 0.00                      | 26.50                     | 14.85                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 11/15/94      | 9.65                          | --                        | 0.00                      | 26.50                     | 16.85                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 12/01/94      | 10.71                         | --                        | 0.00                      | 26.50                     | 15.79                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 54                      | ---                     | <sup>f</sup> 1,300                     | ---         | <sup>g</sup> 6   |  |
| MW-2     |       | 01/04/95      | 10.11                         | --                        | 0.00                      | 26.50                     | 16.39                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 02/01/95      | 10.38                         | --                        | 0.00                      | 26.50                     | 16.12                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 03/08/95      | 10.80                         | --                        | 0.00                      | 26.50                     | 15.70                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | 3,000                                  | ---         | ND               |  |
| MW-2     |       | 04/03/95      | 10.61                         | --                        | 0.00                      | 26.50                     | 15.89                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 05/18/95      | 10.95                         | --                        | 0.00                      | 26.50                     | 15.55                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 06/09/95      | 11.13                         | --                        | 0.00                      | 26.50                     | 15.37                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 50                    | ---                     | 2,000                                  | ---         | ND               |  |
| MW-2     |       | 07/13/95      | 11.15                         | --                        | 0.00                      | 26.50                     | 15.35                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |
| MW-2     |       | 08/03/95      | 11.26                         | --                        | 0.00                      | 26.50                     | 15.24                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                                    | ---         | ---              |  |

Appendix C  
Historical Groundwater Monitoring Results  
Former Sears Auto Center No. 1058B  
2600 Telegraph Avenue  
Oakland, California  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| MW-2     |       | 08/29/95      | 11.32                         | --                        | 0.00                      | 26.50                     | 15.18                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 50                    | ---                     | 4,300                       | ---         | b <sub>20</sub>  |  |
| MW-2     |       | 09/15/95      | 11.42                         | --                        | 0.00                      | 26.50                     | 15.08                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     |       | 10/20/95      | 11.42                         | --                        | 0.00                      | 26.50                     | 15.08                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     |       | 11/15/95      | 11.37                         | --                        | 0.00                      | 26.50                     | 15.13                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | ---         | < 50                    | ---                     | 6,100                       | ---         | ND               |  |
| MW-2     |       | 01/15/96      | 11.10                         | --                        | 0.00                      | 26.50                     | 15.40                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     |       | 03/05/96      | 10.24                         | --                        | 0.00                      | 26.50                     | 16.26                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | 3,200                       | ---         | ND               |  |
| MW-2     |       | 04/19/96      | 10.84                         | --                        | 0.00                      | 26.50                     | 15.66                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     |       | 05/10/96      | 11.13                         | --                        | 0.00                      | 26.50                     | 15.37                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     |       | 06/03/96      | 10.94                         | --                        | 0.00                      | 26.50                     | 15.56                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     |       | 06/04/96      | --                            | --                        | --                        | 26.50                     | --                             | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | 3,800                       | ---         | ND               |  |
| MW-2     |       | 09/04/96      | 11.24                         | --                        | 0.00                      | 26.50                     | 15.26                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | 3,100                       | ---         | ---              |  |
| MW-2     |       | 12/02/96      | 10.80                         | --                        | 0.00                      | 26.50                     | 15.70                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | 2,200                       | ---         | ---              |  |
| MW-2     |       | 02/26/97      | 10.70                         | --                        | 0.00                      | 26.50                     | 15.80                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | 2,100                       | ---         | ---              |  |
| MW-2     |       | 06/09/97      | 11.10                         | --                        | 0.00                      | 26.50                     | 15.40                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | < 10        | < 100                   | ---                     | 2,400                       | ---         | ---              |  |
| MW-2     |       | 08/25/97      | 11.05                         | --                        | 0.00                      | 26.50                     | 15.45                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | < 50                    | ---                     | < 200                       | ---         | ---              |  |
| MW-2     |       | 11/28/97      | 10.59                         | --                        | 0.00                      | 26.50                     | 15.91                          | µg/L                          | 0.6      | < 0.5    | < 0.5    | < 2.0    | < 5         | < 50                    | ---                     | 1,900                       | ---         | ---              |  |
| MW-2     |       | 02/12/98      | 10.04                         | --                        | 0.00                      | 26.50                     | 16.46                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | < 50                    | ---                     | 1,600                       | ---         | ---              |  |
| MW-2     |       | 05/20/98      | 10.84                         | --                        | 0.00                      | 26.50                     | 15.66                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | < 50                    | ---                     | 3,100                       | ---         | ---              |  |
| MW-2     |       | 08/11/98      | 11.56                         | --                        | 0.00                      | 26.50                     | 14.94                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | < 50                    | ---                     | 1,200                       | ---         | ---              |  |
| MW-2     |       | 11/10/98      | 11.02                         | --                        | 0.00                      | 26.50                     | 15.48                          | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 0.50   | < 2.5       | < 50                    | ---                     | 820                         | ---         | ---              |  |
| MW-2     |       | 02/11/99      | 10.17                         | --                        | 0.00                      | 26.50                     | 16.33                          | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 0.50   | 3.3         | < 50                    | ---                     | < 500                       | ---         | ---              |  |
| MW-2     |       | 05/11/99      | 10.96                         | --                        | 0.00                      | 26.50                     | 15.54                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | < 50                    | ---                     | 1,400                       | ---         | ---              |  |
| MW-2     |       | 08/10/99      | 11.27                         | --                        | 0.00                      | 26.50                     | 15.23                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     |       | 10/26/99      | 12.03                         | --                        | 0.00                      | 26.50                     | 14.47                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     |       | 02/25/00      | 9.95                          | --                        | 0.00                      | 26.50                     | 16.55                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.4         | < 50                    | ---                     | 980                         | ---         | ---              |  |
| MW-2     |       | 05/03/00      | 10.78                         | --                        | 0.00                      | 26.50                     | 15.72                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 0.6         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-2     |       | 08/02/00      | 11.02                         | --                        | 0.00                      | 26.50                     | 15.48                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.0         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-2     |       | 11/07/00      | 10.74                         | --                        | 0.00                      | 26.50                     | 15.76                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.4         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-2     |       | 02/15/01      | 10.16                         | --                        | 0.00                      | 26.50                     | 16.34                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.0         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-2     |       | 04/27/01      | 10.60                         | --                        | 0.00                      | 26.50                     | 15.90                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 0.6         | < 50                    | ---                     | 340                         | ---         | ---              |  |
| MW-2     |       | 07/23/01      | 11.00                         | --                        | 0.00                      | 26.50                     | 15.50                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.2         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-2     |       | 11/01/01      | 11.00                         | --                        | 0.00                      | 26.50                     | 15.50                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.4         | < 50                    | ---                     | 240                         | ---         | ---              |  |
| MW-2     | 5     | 03/28/02      | 10.42                         | --                        | 0.00                      | 26.50                     | 16.08                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     | 5     | 06/06/02      | 10.57                         | --                        | 0.00                      | 26.50                     | 15.93                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-2     | 2     | 09/07/02      | 11.00                         | --                        | 0.00                      | 26.50                     | 15.50                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | < 50                    | < 500                   | 2,000                       | ---         | ---              |  |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
 Oakland, California  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>r</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |     |
| MW-3     |       | 12/30/92      | 12.43                         | --                        | 0.00                      | 26.34                     | 13.91                          | µg/L                          | 11       | 0.9      | < 0.3    | 2        | ---         | ---                     | 910                     | ---                         | SPH         | 20               | *ND |
| MW-3     |       | 02/26/92      | 12.21                         | --                        | 0.00                      | 26.34                     | 14.13                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 03/24/93      | 12.36                         | --                        | 0.00                      | 26.34                     | 13.98                          | µg/L                          | 28       | 0.7      | 1        | 8        | ---         | ---                     | 3,300                   | ---                         | SPH         | 28               | *15 |
| MW-3     |       | 04/27/93      | 12.70                         | --                        | 0.00                      | 26.34                     | 13.64                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 05/28/93      | 12.72                         | --                        | 0.00                      | 26.34                     | 13.62                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 06/21/93      | 12.87                         | --                        | 0.00                      | 26.34                     | 13.47                          | µg/L                          | 21       | 5        | 2        | 19       | ---         | ---                     | **2,600                 | ---                         | 32,000      | 26               | cd5 |
| MW-3     |       | 07/22/93      | 12.92                         | --                        | 0.00                      | 26.34                     | 13.42                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 08/13/93      | 12.96                         | --                        | 0.00                      | 26.34                     | 13.38                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 09/16/93      | 13.05                         | 13.01                     | 0.04                      | 26.34                     | 13.32                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | ---                     | SPH                     | ---                         | SPH         | SPH              | SPH |
| MW-3     |       | 10/22/93      | --                            | --                        | --                        | 26.34                     | --                             | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 11/03/93      | 13.24                         | 13.13                     | 0.11                      | 26.34                     | 13.19                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 11/24/94      | 12.96                         | 12.94                     | 0.02                      | 26.34                     | 13.40                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 12/01/93      | 12.73                         | 12.71                     | 0.02                      | 26.34                     | 13.63                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | ---                     | SPH                     | ---                         | SPH         | SPH              | SPH |
| MW-3     |       | 12/27/93      | 12.81                         | 12.77                     | 0.04                      | 26.34                     | 13.56                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 01/05/94      | 12.87                         | 12.85                     | 0.02                      | 26.34                     | 13.49                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 02/08/94      | 12.37                         | --                        | 0.00                      | 26.34                     | 13.97                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 03/09/94      | 12.53                         | --                        | 0.00                      | 26.34                     | 13.81                          | µg/L                          | 2        | 1.4      | 4.5      | 13       | ---         | ---                     | 2,000                   | ---                         | **5,700     | **63             | *ND |
| MW-3     |       | 04/01/94      | 12.64                         | --                        | 0.00                      | 26.34                     | 13.70                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 05/10/94      | 12.32                         | --                        | 0.00                      | 26.34                     | 14.02                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 06/30/94      | 12.86                         | 12.84                     | 0.02                      | 26.34                     | 13.50                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | ---                     | SPH                     | ---                         | SPH         | SPH              | SPH |
| MW-3     |       | 07/28/94      | 12.97                         | 12.93                     | 0.04                      | 26.34                     | 13.40                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 08/31/94      | 13.07                         | 13.04                     | 0.03                      | 26.34                     | 13.29                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 09/27/94      | 13.24                         | 13.13                     | 0.11                      | 26.34                     | 13.19                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | ---                     | SPH                     | ---                         | SPH         | SPH              | SPH |
| MW-3     |       | 10/28/94      | 13.52                         | 13.30                     | 0.22                      | 26.34                     | 13.00                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 11/15/94      | 11.08                         | 11.05                     | 0.03                      | 26.34                     | 15.28                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 12/01/94      | 11.92                         | 11.90                     | 0.02                      | 26.34                     | 14.44                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | ---                     | SPH                     | ---                         | SPH         | SPH              | SPH |
| MW-3     |       | 01/04/95      | 11.81                         | 11.80                     | 0.01                      | 26.34                     | 14.54                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 02/01/95      | 12.02                         | 12.00                     | 0.02                      | 26.34                     | 14.34                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-3     |       | 03/08/95      | 12.40                         | 12.35                     | 0.05                      | 26.34                     | 13.98                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | ---                     | SPH                     | ---                         | SPH         | SPH              | SPH |
| MW-3     |       | 04/03/95      | 12.13                         | 12.09                     | 0.04                      | 26.34                     | 14.24                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
 Oakland, California  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| MW-3     |       | 05/18/95      | 12.46                         | 12.43                     | 0.03                      | 26.34                     | 13.90                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-3     |       | 06/09/95      | 12.62                         | 12.60                     | 0.02                      | 26.34                     | 13.74                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 07/13/95      | 12.64                         | 12.55                     | 0.09                      | 26.34                     | 13.77                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-3     |       | 08/03/95      | 12.67                         | 12.64                     | 0.03                      | 26.34                     | 13.69                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-3     |       | 08/29/95      | 12.68                         | 12.65                     | 0.03                      | 26.34                     | 13.68                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 09/15/95      | 13.14                         | 13.00                     | 0.14                      | 26.34                     | 13.31                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-3     |       | 10/20/95      | 12.89                         | 12.86                     | 0.03                      | 26.34                     | 13.47                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-3     |       | 11/15/95      | 12.88                         | 12.81                     | 0.07                      | 26.34                     | 13.52                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 01/15/96      | 12.73                         | 12.60                     | 0.13                      | 26.34                     | 13.71                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-3     |       | 03/05/96      | 11.72                         | 11.68                     | 0.04                      | 26.34                     | 14.65                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 04/19/96      | 12.38                         | 12.36                     | 0.02                      | 26.34                     | 13.98                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-3     |       | 05/10/96      | 11.95                         | 11.93                     | 0.02                      | 26.34                     | 14.41                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-3     |       | 06/03/96      | 13.36                         | 12.93                     | 0.43                      | 26.34                     | 13.32                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 09/04/96      | 12.65                         | 12.60                     | 0.05                      | 26.34                     | 13.73                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 12/02/96      | 12.14                         | 12.11                     | 0.03                      | 26.34                     | 14.22                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 02/26/97      | 12.04                         | 12.03                     | 0.01                      | 26.34                     | 14.31                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 06/09/97      | 12.43                         | 12.39                     | 0.04                      | 26.34                     | 13.94                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | SPH         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 08/25/97      | 12.31                         | 12.28                     | 0.03                      | 26.34                     | 14.05                          | µg/L                          | 5        | 6        | 5        | 16       | < 30        | 5,600                   | ---                     | 110,000                     | ---         | ---              |  |
| MW-3     |       | 11/28/97      | 12.16                         | 12.13                     | 0.03                      | 26.34                     | 14.20                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | SPH         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 02/12/98      | 11.88                         | 11.85                     | 0.03                      | 26.34                     | 14.48                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | SPH         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 05/20/98      | 12.54                         | 12.51                     | 0.03                      | 26.34                     | 13.82                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | SPH         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 08/11/98      | 13.15                         | 12.97                     | 0.18                      | 26.34                     | 13.33                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | SPH         | SPH                     | ---                     | SPH                         | SPH         | ---              |  |
| MW-3     |       | 11/10/98      | 12.57                         | 12.54                     | 0.03                      | 26.34                     | 13.79                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | SPH         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 02/11/99      | 11.77                         | 11.75                     | 0.02                      | 26.34                     | 14.59                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | SPH         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 05/11/99      | 12.52                         | --                        | 0.00                      | 26.34                     | 13.82                          | µg/L                          | 5.2      | < 0.5    | < 0.5    | < 0.5    | < 2.0       | 530                     | ---                     | 59,000                      | ---         | ---              |  |
| MW-3     |       | 08/10/99      | 13.64                         | 13.50                     | 0.14                      | 26.34                     | 12.81                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 2.2         | 2,200                   | ---                     | 54,000                      | ---         | ---              |  |
| MW-3     |       | 10/26/99      | 13.04                         | 13.01                     | 0.03                      | 26.34                     | 13.32                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | SPH         | SPH                     | ---                     | SPH                         | SPH         | SPH              |  |
| MW-3     |       | 02/25/00      | 11.41                         | --                        | 0.00                      | 26.34                     | 14.93                          | µg/L                          | < 5.0    | < 5.0    | < 5.0    | < 5.0    | 20          | 7,800                   | ---                     | 130,000                     | ---         | ---              |  |
| MW-3     |       | 05/03/00      | 12.30                         | --                        | 0.00                      | 26.34                     | 14.04                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 2.2         | 1,100                   | ---                     | 42,000                      | ---         | ---              |  |
| MW-3     |       | 08/02/00      | 12.80                         | 12.61                     | 0.19                      | 26.34                     | 13.69                          | µg/L                          | SPH      | SPH      | SPH      | SPH      | ---         | SPH                     | ---                     | SPH                         | SPH         | ---              |  |
| MW-3     |       | 11/07/00      | 12.18                         | --                        | 0.00                      | 26.34                     | 14.16                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.6         | 1,100                   | ---                     | 13,000                      | ---         | ---              |  |
| MW-3     |       | 02/15/01      | 11.61                         | --                        | 0.00                      | 26.34                     | 14.73                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 0.7         | 430                     | ---                     | 73,000                      | ---         | ---              |  |
| MW-3     |       | 04/26/01      | 12.06                         | --                        | sheen                     | 26.34                     | 14.28                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.4         | 4,100                   | ---                     | 110,000                     | ---         | ---              |  |
| MW-3     |       | 07/23/01      | 12.60                         | --                        | 0.00                      | 26.34                     | 13.74                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.7         | 1,200                   | ---                     | 64,000                      | ---         | ---              |  |
| MW-3     |       | 11/01/01      | 12.66                         | --                        | 0.00                      | 26.34                     | 13.68                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.4         | 1,200                   | ---                     | 19,000                      | ---         | ---              |  |



Appendix C  
Historical Groundwater Monitoring Results  
Former Sears Auto Center No. 1058B  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>r</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| MW-3     | 2     | 03/28/02      | 11.96                         | --                        | 0.00                      | 26.34                     | 14.38                          | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 1.0    | < 5.0       | 800                     | 640                     | 950                         | ---         | ---              |  |
| MW-3     | 2     | 06/06/02      | 11.91                         | --                        | 0.00                      | 26.34                     | 14.43                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | 870                     | 1,026                   | < 2,000                     | ---         | ---              |  |
| MW-3     | 2     | 09/07/02      | 12.81                         | --                        | 0.00                      | 26.34                     | 13.53                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | 347                     | < 500                   | < 2,000                     | ---         | ---              |  |
| MW-4     |       | 12/30/92      | 11.53                         | --                        | sheen                     | 26.17                     | 14.64                          | µg/L                          | 2        | < 0.3    | 1        | < 0.5    | ---         | 1,200                   | ---                     | ---                         | < 1         | *ND              |  |
| MW-4     |       | 02/26/93      | 11.35                         | --                        | 0.00                      | 26.17                     | 14.82                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 03/24/93      | 11.46                         | --                        | 0.00                      | 26.17                     | 14.71                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 750                     | ---                     | ---                         | 2           | *7               |  |
| MW-4     |       | 04/27/93      | 11.74                         | --                        | 0.00                      | 26.17                     | 14.43                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 05/28/93      | 11.77                         | --                        | 0.00                      | 26.17                     | 14.40                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 06/21/93      | 11.92                         | --                        | 0.00                      | 26.17                     | 14.25                          | µg/L                          | < 0.3    | 2        | < 0.3    | 0.5      | ---         | 660                     | ---                     | 19,000                      | ---         | *ND              |  |
| MW-4     |       | 07/22/93      | 11.95                         | --                        | 0.00                      | 26.17                     | 14.22                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 08/13/93      | 12.01                         | --                        | 0.00                      | 26.17                     | 14.16                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 09/16/93      | 12.08                         | --                        | 0.00                      | 26.17                     | 14.09                          | µg/L                          | 0.3      | < 0.3    | 2        | 3        | ---         | 410                     | ---                     | 2,500                       | ---         | *ND              |  |
| MW-4     |       | 10/22/93      | 12.03                         | --                        | 0.00                      | 26.17                     | 14.14                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 11/03/93      | 12.10                         | --                        | 0.00                      | 26.17                     | 14.07                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 11/24/93      | 12.02                         | --                        | 0.00                      | 26.17                     | 14.15                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 12/01/93      | 11.78                         | --                        | 0.00                      | 26.17                     | 14.39                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 150                     | ---                     | 390                         | ---         | *ND              |  |
| MW-4     |       | 12/27/93      | 11.80                         | --                        | 0.00                      | 26.17                     | 14.37                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 01/05/94      | 11.91                         | --                        | 0.00                      | 26.17                     | 14.26                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 02/08/94      | 11.85                         | --                        | 0.00                      | 26.17                     | 14.32                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 03/09/94      | 11.61                         | --                        | 0.00                      | 26.17                     | 14.56                          | µg/L                          | 0.7      | 0.8      | 2        | 3.6      | ---         | 1,500                   | ---                     | 780                         | ---         | *ND              |  |
| MW-4     |       | 04/01/94      | 11.73                         | --                        | 0.00                      | 26.17                     | 14.44                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 05/10/94      | 11.49                         | --                        | 0.00                      | 26.17                     | 14.68                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 06/30/94      | 11.90                         | --                        | 0.00                      | 26.17                     | 14.27                          | µg/L                          | < 0.3    | 1.7      | 0.5      | 1        | ---         | 450                     | ---                     | 130                         | ---         | ND               |  |
| MW-4     |       | 07/28/94      | 11.97                         | --                        | 0.00                      | 26.17                     | 14.20                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 08/31/94      | 12.06                         | --                        | 0.00                      | 26.17                     | 14.11                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 09/27/94      | 12.11                         | --                        | 0.00                      | 26.17                     | 14.06                          | µg/L                          | 0.5      | < 0.3    | < 0.3    | < 0.5    | ---         | 110                     | ---                     | 1,100                       | ---         | ND               |  |
| MW-4     |       | 10/28/94      | 12.18                         | --                        | 0.00                      | 26.17                     | 13.99                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 11/15/94      | 10.72                         | --                        | 0.00                      | 26.17                     | 15.45                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 12/01/94      | 11.37                         | --                        | 0.00                      | 26.17                     | 14.80                          | µg/L                          | 0.6      | 0.5      | 0.3      | 0.8      | ---         | 290                     | ---                     | 580                         | <           | *5               |  |
| MW-4     |       | 01/04/95      | 11.20                         | --                        | 0.00                      | 26.17                     | 14.97                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 02/01/95      | 11.16                         | --                        | 0.00                      | 26.17                     | 15.01                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 03/08/95      | 11.49                         | --                        | 0.00                      | 26.17                     | 14.68                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 360                     | ---                     | 1,000                       | <           | *5               |  |
| MW-4     |       | 04/03/95      | 11.35                         | --                        | 0.00                      | 26.17                     | 14.82                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 05/08/95      | 11.56                         | --                        | 0.00                      | 26.17                     | 14.61                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-4     |       | 06/09/95      | 11.72                         | --                        | 0.00                      | 26.17                     | 14.45                          | µg/L                          | < 0.3    | 0.4      | < 0.3    | < 0.5    | ---         | 64                      | ---                     | 1,100                       | <           | *5               |  |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
 Oakland, California  
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| 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) | Anal. Units                   | B (µg/L)               | T (µg/L)               | E (µg/L)               | X (µg/L)               | MTBE (µg/L)          | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>***</sub> (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| MW-4     |       | 07/13/95      | 11.72                         | --                        | 0.00                      | 26.17                     | 14.45                          | µg/L                          | ---                    | ---                    | ---                    | ---                    | ---                  | ---                     | ---                     | ---                       | ---         | ---              |  |
| MW-4     |       | 08/31/95      | 11.81                         | --                        | 0.00                      | 26.17                     | 14.36                          | µg/L                          | ---                    | ---                    | ---                    | ---                    | ---                  | ---                     | ---                     | ---                       | ---         | ---              |  |
| MW-4     |       | 08/29/95      | 11.88                         | --                        | 0.00                      | 26.17                     | 14.29                          | µg/L                          | < 0.3                  | < 0.3                  | < 0.3                  | < 0.5                  | ---                  | < 0.5                   | ---                     | 1,200                     | ---         | < *5             |  |
| MW-4     |       | 09/15/95      | 11.99                         | --                        | 0.00                      | 26.17                     | 14.18                          | µg/L                          | ---                    | ---                    | ---                    | ---                    | ---                  | ---                     | ---                     | ---                       | ---         | ---              |  |
| MW-4     |       | 10/20/95      | 12.00                         | --                        | 0.00                      | 26.17                     | 14.17                          | µg/L                          | ---                    | ---                    | ---                    | ---                    | ---                  | ---                     | ---                     | ---                       | ---         | ---              |  |
| MW-4     |       | 11/15/95      | 11.96                         | --                        | 0.00                      | 26.17                     | 14.21                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | ---                  | < 0.5                   | ---                     | 2,100                     | ---         | *ND              |  |
| MW-4     |       | 01/15/96      | 11.71                         | --                        | 0.00                      | 26.17                     | 14.46                          | µg/L                          | ---                    | ---                    | ---                    | ---                    | ---                  | ---                     | ---                     | ---                       | ---         | ---              |  |
| MW-4     |       | 03/05/96      | 11.02                         | --                        | 0.00                      | 26.17                     | 15.15                          | µg/L                          | < 0.5                  | < 1.0                  | < 1.0                  | < 2.0                  | ---                  | < 100                   | ---                     | 590                       | ---         | *ND              |  |
| MW-4     |       | 04/19/96      | 11.51                         | --                        | 0.00                      | 26.17                     | 14.66                          | µg/L                          | ---                    | ---                    | ---                    | ---                    | ---                  | ---                     | ---                     | ---                       | ---         | ---              |  |
| MW-4     |       | 05/10/96      | 11.74                         | --                        | 0.00                      | 26.17                     | 14.43                          | µg/L                          | ---                    | ---                    | ---                    | ---                    | ---                  | ---                     | ---                     | ---                       | ---         | ---              |  |
| MW-4     |       | 06/03/96      | 11.60                         | --                        | 0.00                      | 26.17                     | 14.57                          | µg/L                          | ---                    | ---                    | ---                    | ---                    | ---                  | ---                     | ---                     | ---                       | ---         | ---              |  |
| MW-4     |       | 06/04/96      | ---                           | --                        | ---                       | 26.17                     | ---                            | µg/L                          | < 0.5                  | < 1.0                  | < 1.0                  | < 2.0                  | ---                  | < 100                   | ---                     | 860                       | ---         | ND               |  |
| MW-4     |       | 09/04/96      | 11.85                         | --                        | 0.00                      | 26.17                     | 14.32                          | µg/L                          | < 0.5                  | < 1.0                  | < 1.0                  | < 2.0                  | ---                  | < 100                   | ---                     | 600                       | ---         | ---              |  |
| MW-4     |       | 12/02/96      | 11.45                         | --                        | 0.00                      | 26.17                     | 14.72                          | µg/L                          | < 0.5                  | < 1.0                  | < 1.0                  | < 2.0                  | ---                  | < 100                   | ---                     | 940                       | ---         | ---              |  |
| MW-4     |       | 02/26/97      | 11.42                         | --                        | 0.00                      | 26.17                     | 14.75                          | µg/L                          | < 0.5                  | < 1.0                  | < 1.0                  | < 2.0                  | ---                  | < 100                   | ---                     | 390                       | ---         | ---              |  |
| MW-4     |       | 06/09/97      | 11.70                         | --                        | 0.00                      | 26.17                     | 14.47                          | µg/L                          | < 0.5                  | < 1.0                  | < 1.0                  | < 2.0                  | < 10                 | < 100                   | ---                     | 630                       | ---         | ---              |  |
| MW-4     |       | 08/25/97      | 11.63                         | --                        | 0.00                      | 26.17                     | 14.54                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 2.0                  | < 5                  | < 50                    | ---                     | < 200                     | ---         | ---              |  |
| MW-4     |       | 11/28/97      | 11.27                         | --                        | 0.00                      | 26.17                     | 14.90                          | µg/L                          | 3.6                    | 3.9                    | 3.7                    | 12                     | < 5                  | 120                     | ---                     | < 200                     | ---         | ---              |  |
| MW-4     |       | 02/12/98      | 11.00                         | --                        | 0.00                      | 26.17                     | 15.17                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 2.0                  | < 5                  | < 50                    | ---                     | < 200                     | ---         | ---              |  |
| MW-4     |       | 05/20/98      | 11.62                         | --                        | 0.00                      | 26.17                     | 14.55                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 2.0                  | < 5                  | < 50                    | ---                     | 300                       | ---         | ---              |  |
| MW-4     |       | 08/11/98      | 11.90                         | --                        | 0.00                      | 26.17                     | 14.27                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | < 2.5                | < 50                    | ---                     | < 500                     | ---         | ---              |  |
| MW-4     |       | 11/10/98      | 11.65                         | --                        | 0.00                      | 26.17                     | 14.52                          | µg/L                          | < 0.50                 | < 0.50                 | < 0.50                 | < 0.50                 | < 2.5                | 62                      | ---                     | 610                       | ---         | ---              |  |
| MW-4     |       | 02/11/99      | 10.87                         | --                        | 0.00                      | 26.17                     | 15.30                          | µg/L                          | < 0.50                 | 2.4                    | 1.3                    | 6.5                    | 8.0                  | 140                     | ---                     | < 500                     | ---         | ---              |  |
| MW-4     |       | 05/11/99      | 11.66                         | --                        | 0.00                      | 26.17                     | 14.51                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | < 2.0                | < 50                    | ---                     | 330                       | ---         | ---              |  |
| MW-4     |       | 08/10/99      | 11.95                         | --                        | 0.00                      | 26.17                     | 14.22                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | 2.6                    | 2.5                  | 470                     | ---                     | < 250                     | ---         | ---              |  |
| MW-4     |       | 10/26/99      | 11.40                         | --                        | 0.00                      | 26.17                     | 14.77                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | 3.5/2.2 <sup>1</sup> | < 50                    | ---                     | 1,300                     | ---         | ---              |  |
| MW-4     |       | 02/25/00      | 10.75                         | --                        | 0.00                      | 26.17                     | 15.42                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | 2.4                  | < 50                    | ---                     | < 100                     | ---         | ---              |  |
| MW-4     |       | 05/03/00      | 11.55                         | --                        | 0.00                      | 26.17                     | 14.62                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | 2.5                  | < 50                    | ---                     | < 100                     | ---         | ---              |  |
| MW-4     |       | 08/02/00      | 11.70                         | --                        | 0.00                      | 26.17                     | 14.47                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | 2.9                  | < 50                    | ---                     | < 100                     | ---         | ---              |  |
| MW-4     |       | 11/07/00      | 11.45                         | --                        | 0.00                      | 26.17                     | 14.72                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | 2.9                  | < 50                    | ---                     | < 100                     | ---         | ---              |  |
| MW-4     |       | 02/15/01      | 10.98                         | --                        | 0.00                      | 26.17                     | 15.19                          | µg/L                          | < 0.5/0.5 <sup>1</sup> | < 0.5/0.5 <sup>1</sup> | < 0.5/0.5 <sup>1</sup> | < 0.5/0.5 <sup>1</sup> | 2.4                  | < 50                    | ---                     | < 100                     | ---         | ---              |  |
| MW-4     |       | 04/26/01      | 11.35                         | --                        | 0.00                      | 26.17                     | 14.82                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | 2.8                  | < 50                    | ---                     | < 100                     | ---         | ---              |  |
| MW-4     |       | 07/23/01      | 11.79                         | --                        | 0.00                      | 26.17                     | 14.38                          | µg/L                          | < 0.5/0.5 <sup>1</sup> | < 0.5/0.5 <sup>1</sup> | < 0.5/0.5 <sup>1</sup> | < 0.5/0.5 <sup>1</sup> | 2.5                  | < 50                    | ---                     | < 100                     | ---         | ---              |  |
| MW-4     |       | 11/01/01      | 11.77                         | --                        | 0.00                      | 26.17                     | 14.40                          | µg/L                          | < 0.5/0.5 <sup>1</sup> | < 0.5/0.5 <sup>1</sup> | < 0.5/0.5 <sup>1</sup> | < 0.5/0.5 <sup>1</sup> | 3.3                  | < 50                    | ---                     | < 100                     | ---         | ---              |  |
| MW-4     | 2     | 03/28/02      | 11.17                         | --                        | 0.00                      | 26.17                     | 15.00                          | µg/L                          | < 0.50                 | < 0.50                 | < 0.50                 | < 1.0                  | < 5.0                | < 50                    | < 50                    | < 500                     | ---         | ---              |  |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>p</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (ng/L) | Dissolved Metals |  |
| MW-4     | 2     | 06/06/02      | 11.29                         | --                        | 0.00                      | 26.17                     | 14.88                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | < 50                    | < 500                   | < 2,000                     | ---         | ---              |  |
| MW-4     | 2     | 09/07/02      | 11.80                         | --                        | 0.00                      | 26.17                     | 14.37                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | 2.2         | < 50                    | < 500                   | < 2,000                     | ---         | ---              |  |
| MW-5     |       | 12/30/92      | 10.50                         | --                        | 0.00                      | 26.98                     | 16.48                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 37                      | ---                     | ---                         | < 1         | bc5              |  |
| MW-5     |       | 02/26/93      | 10.12                         | --                        | 0.00                      | 26.98                     | 16.86                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 03/24/93      | 10.31                         | --                        | 0.00                      | 26.98                     | 16.67                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | 0.5      | ---         | 19                      | ---                     | ---                         | 2           | *c341            |  |
| MW-5     |       | 04/27/93      | 10.75                         | --                        | 0.00                      | 26.98                     | 16.23                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 05/28/93      | 10.80                         | --                        | 0.00                      | 26.98                     | 16.18                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 06/21/93      | 10.94                         | --                        | 0.00                      | 26.98                     | 16.04                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 100                       | ---         | ND               |  |
| MW-5     |       | 07/22/93      | 11.01                         | --                        | 0.00                      | 26.98                     | 15.97                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 08/13/93      | 11.07                         | --                        | 0.00                      | 26.98                     | 15.91                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 09/16/93      | 11.18                         | --                        | 0.00                      | 26.98                     | 15.80                          | µg/L                          | 0.3      | < 0.3    | < 0.3    | 1        | ---         | < 10                    | ---                     | < 100                       | ---         | ND               |  |
| MW-5     |       | 10/22/93      | 11.19                         | --                        | 0.00                      | 26.98                     | 15.79                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 11/03/93      | 11.23                         | --                        | 0.00                      | 26.98                     | 15.75                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 11/24/93      | 12.00                         | --                        | 0.00                      | 26.98                     | 14.98                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 12/01/93      | 10.84                         | --                        | 0.00                      | 26.98                     | 16.14                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | 1        | ---         | 17                      | ---                     | ---                         | ---         | ND               |  |
| MW-5     |       | 12/27/93      | 10.81                         | --                        | 0.00                      | 26.98                     | 16.17                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 12/30/93      | --                            | --                        | --                        | --                        | --                             | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | < 100                       | ---         | ---              |  |
| MW-5     |       | 01/05/94      | 10.96                         | --                        | 0.00                      | 26.98                     | 16.02                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 02/08/94      | 10.94                         | --                        | 0.00                      | 26.98                     | 16.04                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 03/09/94      | 10.54                         | --                        | 0.00                      | 26.98                     | 16.44                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 22                      | ---                     | < 100                       | ---         | ND               |  |
| MW-5     |       | 04/01/94      | 10.77                         | --                        | 0.00                      | 26.98                     | 16.21                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 05/10/94      | 10.44                         | --                        | 0.00                      | 26.98                     | 16.54                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 06/30/94      | 10.88                         | --                        | 0.00                      | 26.98                     | 16.10                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 100                       | ---         | ND               |  |
| MW-5     |       | 07/28/94      | 10.98                         | --                        | 0.00                      | 26.98                     | 16.00                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 08/31/94      | 11.07                         | --                        | 0.00                      | 26.98                     | 15.91                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 09/27/94      | 11.12                         | --                        | 0.00                      | 26.98                     | 15.86                          | µg/L                          | 0.5      | 0.4      | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | 560                         | ---         | ND               |  |
| MW-5     |       | 10/28/94      | 11.21                         | --                        | 0.00                      | 26.98                     | 15.77                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 11/15/94      | 10.05                         | --                        | 0.00                      | 26.98                     | 16.93                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 12/01/94      | 10.39                         | --                        | 0.00                      | 26.98                     | 16.59                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 250                       | ---         | ND               |  |
| MW-5     |       | 01/04/95      | 10.18                         | --                        | 0.00                      | 26.98                     | 16.80                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 02/01/95      | 9.93                          | --                        | 0.00                      | 26.98                     | 17.05                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 03/08/95      | 10.35                         | --                        | 0.00                      | 26.98                     | 16.63                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 250                       | ---         | ND               |  |
| MW-5     |       | 04/03/95      | 10.15                         | --                        | 0.00                      | 26.98                     | 16.83                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 05/18/95      | 10.43                         | --                        | 0.00                      | 26.98                     | 16.55                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 06/09/95      | 10.62                         | --                        | 0.00                      | 26.98                     | 16.36                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 50                    | ---                     | < 250                       | ---         | d7               |  |

Appendix C  
Historical Groundwater Monitoring Results  
Former Sears Auto Center No. 1058B  
2600 Telegraph Avenue  
Oakland, California  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>r</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| MW-5     |       | 07/13/95      | 10.76                         | --                        | 0.00                      | 26.98                     | 16.22                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 08/03/95      | 10.82                         | --                        | 0.00                      | 26.98                     | 16.16                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 08/29/95      | 10.91                         | --                        | 0.00                      | 26.98                     | 16.07                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 50                    | ---                     | < 250                       | ---         | 36               |  |
| MW-5     |       | 09/15/95      | 11.00                         | --                        | 0.00                      | 26.98                     | 15.98                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 10/20/95      | 11.02                         | --                        | 0.00                      | 26.98                     | 15.96                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 11/15/95      | 11.95                         | --                        | 0.00                      | 26.98                     | 15.03                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | ---         | < 50                    | ---                     | < 200                       | ---         | ND               |  |
| MW-5     |       | 01/15/96      | 10.57                         | --                        | 0.00                      | 26.98                     | 16.41                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 03/05/96      | 9.81                          | --                        | 0.00                      | 26.98                     | 17.17                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | < 200                       | ---         | ND               |  |
| MW-5     |       | 04/19/96      | 10.32                         | --                        | 0.00                      | 26.98                     | 16.66                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 05/10/96      | 10.56                         | --                        | 0.00                      | 26.98                     | 16.42                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 06/03/96      | 10.46                         | --                        | 0.00                      | 26.98                     | 16.52                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 09/04/96      | 10.86                         | --                        | 0.00                      | 26.98                     | 16.12                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | 310                         | ---         | ---              |  |
| MW-5     |       | 12/02/96      | 10.45                         | --                        | 0.00                      | 26.98                     | 16.53                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 02/26/97      | 10.38                         | --                        | 0.00                      | 26.98                     | 16.60                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | < 200                       | ---         | ---              |  |
| MW-5     |       | 06/09/97      | 10.78                         | --                        | 0.00                      | 26.98                     | 16.20                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 08/25/97      | 10.69                         | --                        | 0.00                      | 26.98                     | 16.29                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | < 50                    | ---                     | < 200                       | ---         | ---              |  |
| MW-5     |       | 11/28/97      | 10.15                         | --                        | 0.00                      | 26.98                     | 16.83                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 02/12/98      | 9.55                          | --                        | 0.00                      | 26.98                     | 17.43                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 5         | < 50                    | ---                     | < 200                       | ---         | ---              |  |
| MW-5     |       | 05/20/98      | 10.29                         | --                        | 0.00                      | 26.98                     | 16.69                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 08/11/98      | 10.67                         | --                        | 0.00                      | 26.98                     | 16.31                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | < 50                    | ---                     | < 500                       | ---         | ---              |  |
| MW-5     |       | 11/10/98      | 10.59                         | --                        | 0.00                      | 26.98                     | 16.39                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 02/11/99      | 9.75                          | --                        | 0.00                      | 26.98                     | 17.23                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 3.2         | < 50                    | ---                     | < 500                       | ---         | ---              |  |
| MW-5     |       | 05/11/99      | 10.38                         | --                        | 0.00                      | 26.98                     | 16.60                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 08/10/99      | 10.77                         | --                        | 0.00                      | 26.98                     | 16.21                          | µg/L                          | < 0.5    | < 0.5    | > 0.5    | < 0.5    | 5.6         | < 50                    | ---                     | < 250                       | ---         | ---              |  |
| MW-5     |       | 10/26/99      | 10.95                         | --                        | 0.00                      | 26.98                     | 16.03                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-5     |       | 02/25/00      | 9.50                          | --                        | 0.00                      | 26.98                     | 17.48                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 3.5         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-5     |       | 05/03/00      | 10.40                         | --                        | 0.00                      | 26.98                     | 16.58                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 2.9         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-5     |       | 08/02/00      | 10.70                         | --                        | 0.00                      | 26.98                     | 16.28                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 5.2         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-5     |       | 11/07/00      | 10.38                         | --                        | 0.00                      | 26.98                     | 16.60                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 4.2         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-5     |       | 02/15/01      | 9.77                          | --                        | 0.00                      | 26.98                     | 17.21                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 3.1         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-5     |       | 04/26/01      | 10.17                         | --                        | 0.00                      | 26.98                     | 16.81                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 2.4         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-5     |       | 07/23/01      | 10.64                         | --                        | 0.00                      | 26.98                     | 16.34                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 3.5         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-5     |       | 11/01/01      | 10.58                         | --                        | 0.00                      | 26.98                     | 16.40                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 3.8         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-5     | 2     | 03/28/02      | 10.02                         | --                        | 0.00                      | 26.98                     | 16.96                          | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 1.0    | < 5.0       | < 50                    | < 50                    | < 500                       | ---         | ---              |  |
| MW-5     | 2     | 06/06/02      | 10.20                         | --                        | 0.00                      | 26.98                     | 16.78                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | < 50                    | < 500                   | < 2000                      | ---         | ---              |  |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>2</sub> (µg/L) | TPH <sub>4</sub> (µg/L) | TPH <sub>6</sub> (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| MW-5     | 2     | 09/07/02      | 10.62                         | --                        | 0.00                      | 26.98                     | 16.36                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | 2.0         | < 50                    | < 500                   | < 2000                  | ---         | ---              |  |
| MW-6     |       | 12/27/93      | 11.24                         | --                        | 0.00                      | 24.32                     | 13.08                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 100                   | < 1         | *70              |  |
| MW-6     |       | 01/05/94      | 11.39                         | --                        | 0.00                      | 24.32                     | 12.93                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 02/08/94      | 11.15                         | --                        | 0.00                      | 24.32                     | 13.17                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 03/09/94      | 10.97                         | --                        | 0.00                      | 24.32                     | 13.35                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 15                      | ---                     | < 100                   | ---         | ND               |  |
| MW-6     |       | 04/01/94      | 11.25                         | --                        | 0.00                      | 24.32                     | 13.07                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 05/10/94      | 10.78                         | --                        | 0.00                      | 24.32                     | 13.54                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 06/30/94      | 11.49                         | --                        | 0.00                      | 24.32                     | 12.83                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 100                   | ---         | ND               |  |
| MW-6     |       | 07/28/94      | 11.59                         | --                        | 0.00                      | 24.32                     | 12.73                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 08/31/94      | 11.56                         | --                        | 0.00                      | 24.32                     | 12.76                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 09/27/94      | 11.65                         | --                        | 0.00                      | 24.32                     | 12.67                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 250                   | ---         | *8               |  |
| MW-6     |       | 10/28/94      | 11.59                         | --                        | 0.00                      | 24.32                     | 12.73                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 11/15/94      | 10.24                         | --                        | 0.00                      | 24.32                     | 14.08                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 12/01/94      | 10.30                         | --                        | 0.00                      | 24.32                     | 14.02                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 250                   | ---         | *32              |  |
| MW-6     |       | 01/04/95      | 9.81                          | --                        | 0.00                      | 24.32                     | 14.51                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 02/01/95      | 10.01                         | --                        | 0.00                      | 24.32                     | 14.31                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 03/08/95      | 10.64                         | --                        | 0.00                      | 24.32                     | 13.68                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 250                   | ---         | ND               |  |
| MW-6     |       | 04/03/95      | 10.26                         | --                        | 0.00                      | 24.32                     | 14.06                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 05/18/95      | 10.81                         | --                        | 0.00                      | 24.32                     | 13.51                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 06/09/95      | 11.07                         | --                        | 0.00                      | 24.32                     | 13.25                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 250                   | ---         | ND               |  |
| MW-6     |       | 07/13/95      | 10.91                         | --                        | 0.00                      | 24.32                     | 13.41                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 08/03/95      | 11.15                         | --                        | 0.00                      | 24.32                     | 13.17                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 08/29/95      | 11.09                         | --                        | 0.00                      | 24.32                     | 13.23                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | > 50                    | ---                     | < 250                   | ---         | *24              |  |
| MW-6     |       | 09/15/95      | 11.35                         | --                        | 0.00                      | 24.32                     | 12.97                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 10/20/95      | 11.32                         | --                        | 0.00                      | 24.32                     | 13.00                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 11/15/95      | 11.20                         | --                        | 0.00                      | 24.32                     | 13.12                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | ---         | < 50                    | ---                     | < 200                   | ---         | *31              |  |
| MW-6     |       | 01/15/96      | 10.83                         | --                        | 0.00                      | 24.32                     | 13.49                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 03/05/96      | 9.60                          | --                        | 0.00                      | 24.32                     | 14.72                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | < 200                   | ---         | ND               |  |
| MW-6     |       | 04/19/96      | 10.71                         | --                        | 0.00                      | 24.32                     | 13.61                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 05/10/96      | 11.05                         | --                        | 0.00                      | 24.32                     | 13.27                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 06/03/96      | 10.91                         | --                        | 0.00                      | 24.32                     | 13.41                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 09/04/96      | 10.84                         | --                        | 0.00                      | 24.32                     | 13.48                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | 230                     | ---         | ---              |  |
| MW-6     |       | 12/02/96      | 10.46                         | --                        | 0.00                      | 24.32                     | 13.86                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |
| MW-6     |       | 02/26/97      | 10.46                         | --                        | 0.00                      | 24.32                     | 13.86                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | < 200                   | ---         | ---              |  |
| MW-6     |       | 06/09/97      | 10.90                         | --                        | 0.00                      | 24.32                     | 13.42                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                     | ---         | ---              |  |

Appendix C  
Historical Groundwater Monitoring Results  
Former Sears Auto Center No. 1058B  
2600 Telegraph Avenue  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPHI (mg/L) | Dissolved Metals |  |
| MW-6     |       | 08/25/97      | 10.84                         | --                        | 0.00                      | 24.32                     | 13.48                          | µg/L                          | < 0.5    | 1.1      | < 0.5    | < 2.0    | < 5         | < 50                    | ---                     | < 200                       | ---          | ---              |  |
| MW-6     |       | 11/28/97      | 10.07                         | --                        | 0.00                      | 24.32                     | 14.25                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-6     |       | 02/12/98      | 9.39                          | --                        | 0.00                      | 24.32                     | 14.93                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | < 50                    | ---                     | < 200                       | ---          | ---              |  |
| MW-6     |       | 05/20/98      | 10.85                         | --                        | 0.00                      | 24.32                     | 13.47                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-6     |       | 08/11/98      | 11.21                         | --                        | 0.00                      | 24.32                     | 13.11                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | < 50                    | ---                     | < 500                       | ---          | ---              |  |
| MW-6     |       | 11/10/98      | 10.82                         | --                        | 0.00                      | 24.32                     | 13.50                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-6     |       | 02/11/99      | 9.39                          | --                        | 0.00                      | 24.32                     | 14.93                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 7.1         | < 50                    | ---                     | < 500                       | ---          | ---              |  |
| MW-6     |       | 05/11/99      | 10.84                         | --                        | 0.00                      | 24.32                     | 13.48                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-6     |       | 08/10/99      | 11.28                         | --                        | 0.00                      | 24.32                     | 13.04                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.0       | < 50                    | ---                     | < 250                       | ---          | ---              |  |
| MW-6     |       | 10/26/99      | 11.43                         | --                        | 0.00                      | 24.32                     | 12.89                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-6     |       | 02/25/00      | 9.27                          | --                        | 0.00                      | 24.32                     | 15.05                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---          | ---              |  |
| MW-6     |       | 05/03/00      | 10.78                         | --                        | 0.00                      | 24.32                     | 13.54                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---          | ---              |  |
| MW-6     |       | 08/02/00      | 10.92                         | --                        | 0.00                      | 24.32                     | 13.40                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---          | ---              |  |
| MW-6     |       | 11/07/00      | 10.55                         | --                        | 0.00                      | 24.32                     | 13.77                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---          | ---              |  |
| MW-6     |       | 02/15/01      | 9.66                          | --                        | 0.00                      | 24.32                     | 14.66                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---          | ---              |  |
| MW-6     |       | 04/26/01      | 10.40                         | --                        | 0.00                      | 24.32                     | 13.92                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---          | ---              |  |
| MW-6     |       | 07/23/01      | 11.00                         | --                        | 0.00                      | 24.32                     | 13.32                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---          | ---              |  |
| MW-6     |       | 11/01/01      | 10.97                         | --                        | 0.00                      | 24.32                     | 13.35                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---          | ---              |  |
| MW-6     | 5     | 03/28/02      | 10.13                         | --                        | 0.00                      | 24.32                     | 14.19                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-6     | 5     | 06/06/02      | 10.55                         | --                        | 0.00                      | 24.32                     | 13.77                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-6     | 2     | 09/07/02      | 11.10                         | --                        | 0.00                      | 24.32                     | 13.22                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | < 50                    | < 500                   | < 2000                      | ---          | ---              |  |
| MW-7     |       | 12/27/93      | 11.80                         | --                        | 0.00                      | 24.88                     | 13.08                          | µg/L                          | < 0.3    | < 0.3    | 1        | 2        | ---         | 140                     | ---                     | 100                         | <1           | *40              |  |
| MW-7     |       | 01/05/94      | 11.53                         | --                        | 0.00                      | 24.88                     | 13.35                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-7     |       | 02/08/94      | 11.90                         | --                        | 0.00                      | 24.88                     | 12.98                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-7     |       | 03/09/94      | 11.23                         | --                        | 0.00                      | 24.88                     | 13.65                          | µg/L                          | < 0.3    | < 1.0    | 1.5      | 4.1      | ---         | 620                     | ---                     | < 100                       | ---          | *ND              |  |
| MW-7     |       | 04/01/94      | 11.34                         | --                        | 0.00                      | 24.88                     | 13.54                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-7     |       | 05/10/94      | 11.02                         | --                        | 0.00                      | 24.88                     | 13.86                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-7     |       | 06/30/94      | 11.49                         | --                        | 0.00                      | 24.88                     | 13.39                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | 33                      | ---                     | < 100                       | ---          | ND               |  |
| MW-7     |       | 07/28/94      | 11.58                         | --                        | 0.00                      | 24.88                     | 13.30                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-7     |       | 08/31/94      | 11.69                         | --                        | 0.00                      | 24.88                     | 13.19                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-7     |       | 09/27/94      | 11.73                         | --                        | 0.00                      | 24.88                     | 13.15                          | µg/L                          | < 0.3    | < 0.3    | 0.4      | 0.7      | ---         | 52                      | ---                     | < *250                      | ---          | ND               |  |
| MW-7     |       | 10/28/94      | 11.77                         | --                        | 0.00                      | 24.88                     | 13.11                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-7     |       | 11/15/94      | 10.29                         | --                        | 0.00                      | 24.88                     | 14.59                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |
| MW-7     |       | 12/01/94      | 10.89                         | --                        | 0.00                      | 24.88                     | 13.99                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | 1.1      | ---         | < 10                    | ---                     | < *250                      | ---          | *28              |  |
| MW-7     |       | 01/04/95      | 10.77                         | --                        | 0.00                      | 24.88                     | 14.11                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---          | ---              |  |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
 Oakland, California  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (µg/L) | Dissolved Metals |  |
| MW-7     |       | 02/01/95      | 10.70                         | --                        | 0.00                      | 24.88                     | 14.18                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 03/08/95      | 11.05                         | --                        | 0.00                      | 24.88                     | 13.83                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 10                    | ---                     | < 250                       | ---         | ND               |  |
| MW-7     |       | 04/03/95      | 10.88                         | --                        | 0.00                      | 24.88                     | 14.00                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 05/18/95      | 11.12                         | --                        | 0.00                      | 24.88                     | 13.76                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 06/09/95      | 11.25                         | --                        | 0.00                      | 24.88                     | 13.63                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 50                    | ---                     | < 250                       | ---         | ND               |  |
| MW-7     |       | 07/13/95      | 11.15                         | --                        | 0.00                      | 24.88                     | 13.73                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 08/03/95      | 11.32                         | --                        | 0.00                      | 24.88                     | 13.56                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 08/29/95      | 11.53                         | --                        | 0.00                      | 24.88                     | 13.35                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 50                    | ---                     | < 250                       | ---         | <sup>b</sup> 13  |  |
| MW-7     |       | 09/15/95      | 11.65                         | --                        | 0.00                      | 24.88                     | 13.23                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 10/20/95      | 11.64                         | --                        | 0.00                      | 24.88                     | 13.24                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 11/15/95      | 11.60                         | --                        | 0.00                      | 24.88                     | 13.28                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | ---         | < 50                    | ---                     | < 200                       | ---         | ND               |  |
| MW-7     |       | 01/15/96      | 11.07                         | --                        | 0.00                      | 24.88                     | 13.81                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 03/05/96      | 10.50                         | --                        | 0.00                      | 24.88                     | 14.38                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | 270                         | ---         | ND               |  |
| MW-7     |       | 04/19/96      | 12.02                         | --                        | 0.00                      | 24.88                     | 12.86                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 05/10/96      | 11.14                         | --                        | 0.00                      | 24.88                     | 13.74                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 06/03/96      | 11.10                         | --                        | 0.00                      | 24.88                     | 13.78                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 09/04/96      | 11.45                         | --                        | 0.00                      | 24.88                     | 13.43                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | < 200                       | ---         | ---              |  |
| MW-7     |       | 12/02/96      | 10.96                         | --                        | 0.00                      | 24.88                     | 13.92                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 02/26/97      | 11.02                         | --                        | 0.00                      | 24.88                     | 13.86                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | < 200                       | ---         | ---              |  |
| MW-7     |       | 06/09/97      | 11.34                         | --                        | 0.00                      | 24.88                     | 13.54                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 08/25/97      | 11.25                         | --                        | 0.00                      | 24.88                     | 13.63                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 0.5       | < 50                    | ---                     | < 200                       | ---         | ---              |  |
| MW-7     |       | 11/28/97      | 10.69                         | --                        | 0.00                      | 24.88                     | 14.19                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 02/12/98      | 10.11                         | --                        | 0.00                      | 24.88                     | 14.77                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | < 50                    | ---                     | < 200                       | ---         | ---              |  |
| MW-7     |       | 05/20/98      | 11.20                         | --                        | 0.00                      | 24.88                     | 13.68                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 08/11/98      | 11.55                         | --                        | 0.00                      | 24.88                     | 13.33                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | < 50                    | ---                     | < 500                       | ---         | ---              |  |
| MW-7     |       | 11/10/98      | 11.21                         | --                        | 0.00                      | 24.88                     | 13.67                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 02/11/99      | 10.27                         | --                        | 0.00                      | 24.88                     | 14.61                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 5.8         | 130                     | ---                     | < 500                       | ---         | ---              |  |
| MW-7     |       | 05/11/99      | 11.25                         | --                        | 0.00                      | 24.88                     | 13.63                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 08/10/99      | 11.65                         | --                        | 0.00                      | 24.88                     | 13.23                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.0       | < 50                    | ---                     | < 250                       | ---         | ---              |  |
| MW-7     |       | 10/26/99      | 11.76                         | --                        | 0.00                      | 24.88                     | 13.12                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |  |
| MW-7     |       | 02/25/00      | 10.40                         | --                        | 0.00                      | 24.88                     | 14.48                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-7     |       | 05/03/00      | 11.16                         | --                        | 0.00                      | 24.88                     | 13.72                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-7     |       | 08/02/00      | 11.25                         | --                        | 0.00                      | 24.88                     | 13.63                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-7     |       | 11/07/00      | 11.03                         | --                        | 0.00                      | 24.88                     | 13.85                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-7     |       | 02/15/01      | 10.56                         | --                        | 0.00                      | 24.88                     | 14.32                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         | ---              |  |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |     |
| MW-7     |       | 04/26/01      | 10.95                         | --                        | 0.00                      | 24.88                     | 13.93                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 0.5                   | < 50                    | ---                         | < 100       | ---              | --- |
| MW-7     |       | 07/23/01      | 11.50                         | --                        | 0.00                      | 24.88                     | 13.38                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 0.5                   | < 50                    | ---                         | < 100       | ---              | --- |
| MW-7     |       | 11/01/01      | 11.55                         | --                        | 0.00                      | 24.88                     | 13.33                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 0.5                   | < 50                    | ---                         | < 100       | ---              | --- |
| MW-7     | 5     | 03/28/02      | 10.77                         | --                        | 0.00                      | 24.88                     | 14.11                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-7     | 5     | 06/06/02      | 10.97                         | --                        | 0.00                      | 24.88                     | 13.91                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-7     | 2     | 09/07/02      | 11.65                         | --                        | 0.00                      | 24.88                     | 13.23                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | < 50                    | < 500                   | < 2000                      | ---         | ---              |     |
| MW-8     |       | 12/27/93      | 12.45                         | --                        | 0.00                      | 26.12                     | 13.67                          | µg/L                          | 0.4      | 4        | 0.4      | 1        | ---         | ---                     | 390                     | ---                         | < 100       | < 1              | *18 |
| MW-8     |       | 01/05/94      | 12.57                         | --                        | 0.00                      | 26.12                     | 13.55                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 02/08/94      | 12.02                         | --                        | 0.00                      | 26.12                     | 14.10                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 03/09/94      | 12.22                         | --                        | 0.00                      | 26.12                     | 13.90                          | µg/L                          | 0.6      | 0.8      | 0.5      | 1.5      | ---         | ---                     | 420                     | ---                         | < 100       | ---              | *ND |
| MW-8     |       | 04/01/94      | 12.33                         | --                        | 0.00                      | 26.12                     | 13.79                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 05/10/94      | 12.00                         | --                        | 0.00                      | 26.12                     | 14.12                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 06/30/94      | 12.52                         | --                        | 0.00                      | 26.12                     | 13.60                          | µg/L                          | < 0.9    | < 0.3    | < 0.3    | 1.1      | ---         | ---                     | 250                     | ---                         | < 100       | ---              | ND  |
| MW-8     |       | 07/28/94      | 12.61                         | --                        | 0.00                      | 26.12                     | 13.51                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 08/31/94      | 12.72                         | --                        | 0.00                      | 26.12                     | 13.40                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 09/27/94      | 12.80                         | --                        | 0.00                      | 26.12                     | 13.32                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | ---                     | 210                     | ---                         | < *250      | ---              | 49  |
| MW-8     |       | 10/28/94      | 12.84                         | --                        | 0.00                      | 26.12                     | 13.28                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 11/15/94      | 11.72                         | --                        | 0.00                      | 26.12                     | 14.40                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 12/01/94      | 11.87                         | --                        | 0.00                      | 26.12                     | 14.25                          | µg/L                          | 5.4      | < 0.3    | 0.7      | 1.3      | ---         | ---                     | 230                     | ---                         | < *250      | ---              | *ND |
| MW-8     |       | 01/04/95      | 11.75                         | --                        | 0.00                      | 26.12                     | 14.37                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 02/01/95      | 11.64                         | --                        | 0.00                      | 26.12                     | 14.48                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 03/08/95      | 12.04                         | --                        | 0.00                      | 26.12                     | 14.08                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | ---                     | 230                     | ---                         | < *250      | ---              | ND  |
| MW-8     |       | 04/03/95      | 11.86                         | --                        | 0.00                      | 26.12                     | 14.26                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 05/18/95      | 12.11                         | --                        | 0.00                      | 26.12                     | 14.01                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 06/09/95      | 12.34                         | --                        | 0.00                      | 26.12                     | 13.78                          | µg/L                          | < 0.3    | < 0.3    | < 0.3    | < 0.5    | ---         | < 50                    | ---                     | < *250                      | ---         | ND               |     |
| MW-8     |       | 07/13/95      | 12.37                         | --                        | 0.00                      | 26.12                     | 13.75                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 08/03/95      | 12.50                         | --                        | 0.00                      | 26.12                     | 13.62                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 08/29/95      | 12.55                         | --                        | 0.00                      | 26.12                     | 13.57                          | µg/L                          | 0.9      | 0.4      | < 0.3    | 0.8      | ---         | ---                     | 200                     | ---                         | < *250      | ---              | *15 |
| MW-8     |       | 09/15/95      | 12.70                         | --                        | 0.00                      | 26.12                     | 13.42                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 10/20/95      | 12.69                         | --                        | 0.00                      | 26.12                     | 13.43                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 11/15/95      | 12.67                         | --                        | 0.00                      | 26.12                     | 13.45                          | µg/L                          | 0.58     | < 0.5    | < 0.5    | 0.54     | ---         | ---                     | 120                     | ---                         | ---         | ---              | *21 |
| MW-8     |       | 12/11/95      | 11.80                         | --                        | 0.00                      | 26.12                     | 14.32                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 01/15/96      | 12.38                         | --                        | 0.00                      | 26.12                     | 13.74                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |
| MW-8     |       | 03/05/96      | 11.44                         | --                        | 0.00                      | 26.12                     | 14.68                          | µg/L                          | 0.6      | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | < *200                      | ---         | ND               |     |
| MW-8     |       | 04/19/96      | 10.80                         | --                        | 0.00                      | 26.12                     | 15.32                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              | --- |



Appendix C  
Historical Groundwater Monitoring Results  
Former Sears Auto Center No. 1058B  
2600 Telegraph Avenue  
Oakland, California  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |
| MW-8     |       | 05/10/96      | 12.40                         | --                        | 0.00                      | 26.12                     | 13.72                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         | ---              |
| MW-8     |       | 06/03/96      | 12.26                         | --                        | 0.00                      | 26.12                     | 13.86                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | 100                     | ---                     | ---                         | ---         |                  |
| MW-8     |       | 09/04/96      | 12.51                         | --                        | 0.00                      | 26.12                     | 13.61                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | 110                     | ---                     | < 200                       | ---         |                  |
| MW-8     |       | 12/02/96      | 11.99                         | --                        | 0.00                      | 26.12                     | 14.13                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | 110                     | ---                     | < 200                       | ---         |                  |
| MW-8     |       | 02/26/97      | 11.98                         | --                        | 0.00                      | 26.12                     | 14.14                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | < 100                   | ---                     | < 200                       | ---         |                  |
| MW-8     |       | 06/09/97      | 12.36                         | --                        | 0.00                      | 26.12                     | 13.76                          | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | < 10        | 110                     | ---                     | < 200                       | ---         |                  |
| MW-8     |       | 08/25/97      | 12.25                         | --                        | 0.00                      | 26.12                     | 13.87                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | 70                      | ---                     | < 200                       | ---         |                  |
| MW-8     |       | 11/28/97      | 11.70                         | --                        | 0.00                      | 26.12                     | 14.42                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | 110                     | ---                     | < 200                       | ---         |                  |
| MW-8     |       | 02/12/98      | 11.34                         | --                        | 0.00                      | 26.12                     | 14.78                          | µg/L                          | < 0.5    | < 0.5    | 0.6      | < 2.0    | < 5         | 70                      | ---                     | < 200                       | ---         |                  |
| MW-8     |       | 05/20/98      | 12.21                         | --                        | 0.00                      | 26.12                     | 13.91                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | < 50                    | ---                     | < 200                       | ---         |                  |
| MW-8     |       | 08/11/98      | 12.60                         | --                        | 0.00                      | 26.12                     | 13.52                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | 64                      | ---                     | < 500                       | ---         |                  |
| MW-8     |       | 11/10/98      | 12.26                         | --                        | 0.00                      | 26.12                     | 13.86                          | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 0.50   | < 2.5       | 52                      | ---                     | < 250                       | ---         |                  |
| MW-8     |       | 02/11/99      | 11.00                         | --                        | 0.00                      | 26.12                     | 15.12                          | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 0.50   | < 2.5       | 59                      | ---                     | < 500                       | ---         |                  |
| MW-8     |       | 05/11/99      | 12.29                         | --                        | 0.00                      | 26.12                     | 13.83                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | < 50                    | ---                     | < 250                       | ---         |                  |
| MW-8     |       | 08/10/99      | 12.72                         | --                        | 0.00                      | 26.12                     | 13.40                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.0       | 72                      | ---                     | < 250                       | ---         |                  |
| MW-8     |       | 10/26/99      | 12.85                         | --                        | 0.00                      | 26.12                     | 13.27                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | 63                      | ---                     | < 250                       | ---         |                  |
| MW-8     |       | 02/25/00      | 11.20                         | --                        | 0.00                      | 26.12                     | 14.92                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         |                  |
| MW-8     |       | 05/03/00      | 12.15                         | --                        | 0.00                      | 26.12                     | 13.97                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         |                  |
| MW-8     |       | 08/02/00      | 12.30                         | --                        | 0.00                      | 26.12                     | 13.82                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         |                  |
| MW-8     |       | 11/07/00      | 12.00                         | --                        | 0.00                      | 26.12                     | 14.12                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         |                  |
| MW-8     |       | 02/15/01      | 11.40                         | --                        | 0.00                      | 26.12                     | 14.72                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         |                  |
| MW-8     |       | 04/26/01      | 11.93                         | --                        | 0.00                      | 26.12                     | 14.19                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         |                  |
| MW-8     |       | 07/23/01      | 12.55                         | --                        | 0.00                      | 26.12                     | 13.57                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         |                  |
| MW-8     |       | 11/01/01      | 12.60                         | --                        | 0.00                      | 26.12                     | 13.52                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | < 50                    | ---                     | < 100                       | ---         |                  |
| MW-8     | 5     | 03/28/02      | 11.69                         | --                        | 0.00                      | 26.12                     | 14.43                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         |                  |
| MW-8     | 5     | 06/06/02      | 11.86                         | --                        | 0.00                      | 26.12                     | 14.26                          | µg/L                          | ---      | ---      | ---      | ---      | ---         | ---                     | ---                     | ---                         | ---         |                  |
| MW-8     | 2     | 09/07/02      | 12.61                         | --                        | 0.00                      | 26.12                     | 13.51                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | < 50                    | < 500                   | < 2000                      | ---         |                  |
| MW-9     |       | 12/02/96      | 11.52                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | 210                     | ---                     | 250                         | ---         |                  |
| MW-9     |       | 02/26/97      | 11.55                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | 170                     | ---                     | 340                         | ---         |                  |
| MW-9     |       | 06/09/97      | 11.91                         | --                        | --                        | --                        | --                             | µg/L                          | 0.8      | < 1.0    | < 1.0    | < 2.0    | < 10        | 130                     | ---                     | 350                         | ---         |                  |
| MW-9     |       | 08/25/97      | 11.80                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | 0.8      | < 0.5    | < 2.0    | < 5         | 110                     | ---                     | < 200                       | ---         |                  |
| MW-9     |       | 11/28/97      | 11.15                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | 0.5      | 0.9      | < 2.0    | < 5         | 150                     | ---                     | < 200                       | ---         |                  |
| MW-9     |       | 02/12/98      | 10.63                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 2.0    | < 5         | 60                      | ---                     | < 200                       | ---         |                  |
| MW-9     |       | 05/20/98      | 11.73                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | < 0.5    | 0.9      | < 2.0    | < 5         | 130                     | ---                     | < 200                       | ---         |                  |
| MW-9     |       | 08/11/98      | 12.15                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | < 0.5    | < 0.5    | 0.76     | < 2.5       | 240                     | ---                     | < 500                       | ---         |                  |

Appendix C  
Historical Groundwater Monitoring Results  
Former Sears Auto Center No. 1058B  
2600 Telegraph Avenue  
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| 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) | Anal. Units                   | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | TPH <sub>g</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| MW-9     |       | 11/10/98      | 11.81                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 0.50   | < 2.5       | 220                     | ---                     | < 250                       | ---         | ---              |  |
| MW-9     |       | 02/11/99      | 10.66                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 0.50   | 3.5         | 52                      | ---                     | < 500                       | ---         | ---              |  |
| MW-9     |       | 05/11/99      | 11.69                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | 96                      | ---                     | < 250                       | ---         | ---              |  |
| MW-9     |       | 08/10/99      | 12.67                         | --                        | 0.00                      | 25.03                     | 12.36                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | 0.96     | < 2.0       | 130                     | ---                     | < 250                       | ---         | ---              |  |
| MW-9     |       | 10/26/99      | 12.28                         | --                        | 0.00                      | 25.03                     | 12.75                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 3.3/2.1     | 130                     | ---                     | < 250                       | ---         | ---              |  |
| MW-9     |       | 02/25/00      | 10.60                         | --                        | 0.00                      | 25.03                     | 14.43                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 0.8         | < 50                    | ---                     | < 100                       | ---         | ---              |  |
| MW-9     |       | 05/03/00      | 11.70                         | --                        | 0.00                      | 25.03                     | 13.33                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.5         | 150                     | ---                     | < 100                       | ---         | ---              |  |
| MW-9     |       | 08/02/00      | 11.88                         | --                        | 0.00                      | 25.03                     | 13.15                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 2.2         | 210                     | ---                     | < 100                       | ---         | ---              |  |
| MW-9     |       | 11/07/00      | 11.56                         | --                        | 0.00                      | 25.03                     | 13.47                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.4         | 190                     | ---                     | < 100                       | ---         | ---              |  |
| MW-9     |       | 02/15/01      | 10.95                         | --                        | 0.00                      | 25.03                     | 14.08                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.4         | 110                     | ---                     | < 100                       | ---         | ---              |  |
| MW-9     |       | 04/26/01      | 11.52                         | --                        | 0.00                      | 25.03                     | 13.51                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.6         | 150                     | ---                     | < 100                       | ---         | ---              |  |
| MW-9     |       | 07/23/01      | 12.09                         | --                        | 0.00                      | 25.03                     | 12.94                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.6         | 140                     | ---                     | < 100                       | ---         | ---              |  |
| MW-9     |       | 11/01/01      | 12.17                         | --                        | 0.00                      | 25.03                     | 12.86                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 1.5         | 310                     | ---                     | < 100                       | ---         | ---              |  |
| MW-9     | 2     | 03/28/02      | 11.34                         | --                        | 0.00                      | 25.03                     | 13.69                          | µg/L                          | < 0.50   | < 0.50   | < 0.50   | < 1.0    | < 5.0       | 55                      | 60                      | < 500                       | ---         | ---              |  |
| MW-9     | 2     | 06/06/02      | 11.68                         | --                        | 0.00                      | 25.03                     | 13.35                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | 102                     | < 500                   | < 2000                      | ---         | ---              |  |
| MW-9     | 2     | 09/07/02      | 12.29                         | --                        | 0.00                      | 25.03                     | 12.74                          | µg/L                          | < 1.0    | < 1.0    | < 1.0    | < 2.0    | < 2.0       | 117                     | < 500                   | < 2000                      | ---         | ---              |  |
| EW-1     |       | 09/04/96      | --                            | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | < 1.0    | < 1.0    | < 2.0    | ---         | 1,100                   | ---                     | 1,700                       | ---         | ---              |  |
| EW-1     |       | 12/02/96      | 12.17                         | --                        | --                        | --                        | --                             | µg/L                          | 6.2      | < 1.0    | < 1.0    | < 2.0    | ---         | 1,000                   | ---                     | 1,400                       | ---         | ---              |  |
| EW-1     |       | 02/26/97      | 12.13                         | --                        | --                        | --                        | --                             | µg/L                          | 12       | < 1.0    | < 1.0    | < 2.1    | ---         | 1,200                   | ---                     | 2,100                       | ---         | ---              |  |
| EW-1     |       | 06/09/97      | 12.46                         | --                        | --                        | --                        | --                             | µg/L                          | 83       | < 1.0    | < 1.0    | < 2.0    | 13          | 1,400                   | ---                     | 12,000                      | ---         | ---              |  |
| EW-1     |       | 08/25/97      | 12.35                         | --                        | --                        | --                        | --                             | µg/L                          | 7.5      | 0.9      | 0.9      | 2        | 12          | 1,400                   | ---                     | 15,000                      | ---         | ---              |  |
| EW-1     |       | 11/28/97      | 12.12                         | --                        | --                        | --                        | --                             | µg/L                          | 4.5      | 1.1      | 1.1      | 4        | 5.0         | 560                     | ---                     | 5,700                       | ---         | ---              |  |
| EW-1     |       | 02/12/98      | 11.83                         | --                        | --                        | --                        | --                             | µg/L                          | 9.8      | 0.6      | 1.2      | 2        | 30          | 1,000                   | ---                     | 6,300                       | ---         | ---              |  |
| EW-1     |       | 05/20/98      | 12.51                         | --                        | --                        | --                        | --                             | µg/L                          | 7.2      | < 0.5    | < 0.5    | < 2.0    | 26          | 820                     | ---                     | 6,200                       | ---         | ---              |  |
| EW-1     |       | 08/11/98      | 12.85                         | --                        | --                        | --                        | --                             | µg/L                          | 2.6      | < 0.5    | < 0.5    | 0.86     | 8.7         | 320                     | ---                     | 5,400                       | ---         | ---              |  |
| EW-1     |       | 11/10/98      | 12.55                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.50   | < 0.50   | < 0.50   | 0.75     | 13          | 820                     | ---                     | 2,900                       | ---         | ---              |  |
| EW-1     |       | 02/11/99      | 11.66                         | --                        | --                        | --                        | --                             | µg/L                          | 4.0      | < 0.50   | 0.51     | 0.94     | 14          | 720                     | ---                     | 1,300                       | ---         | ---              |  |
| EW-1     |       | 05/11/99      | 12.56                         | --                        | --                        | --                        | --                             | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 2.5       | 680                     | ---                     | 4,800                       | ---         | ---              |  |
| EW-1     |       | 08/10/99      | 12.91                         | --                        | 0.00                      | 26.80                     | 13.89                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 3.6         | 730                     | ---                     | 1,100                       | ---         | ---              |  |
| EW-1     |       | 10/26/99      | 13.00                         | --                        | 0.00                      | 26.80                     | 13.80                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 50        | 1,500                   | ---                     | 13,000                      | ---         | ---              |  |
| EW-1     |       | 02/25/00      | 11.41                         | --                        | 0.00                      | 26.80                     | 15.39                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 2.2         | 1,100                   | ---                     | 6,300                       | ---         | ---              |  |
| EW-1     |       | 05/03/00      | 12.36                         | --                        | 0.00                      | 26.80                     | 14.44                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | < 0.5       | 110                     | ---                     | 3,100                       | ---         | ---              |  |
| EW-1     |       | 08/02/00      | 12.51                         | --                        | 0.00                      | 26.80                     | 14.29                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 2.6         | 1,100                   | ---                     | 4,500                       | ---         | ---              |  |
| EW-1     |       | 11/07/00      | 12.27                         | --                        | 0.00                      | 26.80                     | 14.53                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 2.1         | 1,200                   | ---                     | 5,100                       | ---         | ---              |  |
| EW-1     |       | 02/15/01      | 11.66                         | --                        | 0.00                      | 26.80                     | 15.14                          | µg/L                          | < 0.5    | < 0.5    | < 0.5    | < 0.5    | 2.0         | 1,100                   | ---                     | 11,000                      | ---         | ---              |  |

Appendix C  
 Historical Groundwater Monitoring Results  
 Former Sears Auto Center No. 1058B  
 2600 Telegraph Avenue  
 Oakland, California  
 (Page 17 of 17)

| 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) | Anal. Units                   | B (µg/L)               | T (µg/L)               | E (µg/L)               | X (µg/L)               | MTBE (µg/L) | TPH <sub>r</sub> (µg/L) | TPH <sub>d</sub> (µg/L) | TPH <sub>o</sub> *** (µg/L) | TRPH (mg/L) | Dissolved Metals |  |
| EW-1     |       | 04/26/01      | 12.12                         | --                        | 0.00                      | 26.80                     | 14.68                          | µg/L                          | < 0.5/0.5 <sup>i</sup> | < 0.5/0.5 <sup>i</sup> | < 0.5/0.5 <sup>i</sup> | < 0.5/0.5 <sup>i</sup> | 2.3         | 1,600                   | ---                     | 6,600                       | ---         | ---              |  |
| EW-1     |       | 07/23/01      | 12.59                         | --                        | 0.00                      | 26.80                     | 14.21                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | 1.8         | 930                     | ---                     | 15,000                      | ---         | ---              |  |
| EW-1     |       | 11/01/01      | 12.74                         | --                        | 0.00                      | 26.80                     | 14.06                          | µg/L                          | < 0.5                  | < 0.5                  | < 0.5                  | < 0.5                  | 1.7         | 1200                    | ---                     | 6,000                       | ---         | ---              |  |
| EW-1     | 2     | 03/28/02      | 11.85                         | --                        | 0.00                      | 26.80                     | 14.95                          | µg/L                          | < 0.50                 | < 0.50                 | < 0.50                 | < 1.0                  | < 5.0       | 930                     | 710                     | < 500                       | ---         | ---              |  |
| EW-1     | 2,3   | 03/28/02      | 11.85                         | --                        | 0.00                      | 26.80                     | 14.95                          | µg/L                          | < 0.50                 | < 0.50                 | < 0.50                 | < 1.0                  | < 5.0       | 800                     | 510                     | < 500                       | ---         | ---              |  |
| EW-1     | 2     | 06/06/02      | 12.09                         | --                        | 0.00                      | 26.80                     | 14.71                          | µg/L                          | < 1.0                  | < 1.0                  | < 1.0                  | < 2.0                  | < 2.0       | 1,040                   | < 500                   | < 2,000                     | ---         | ---              |  |
| EW-1     | 2     | 09/07/02      | 12.63                         | --                        | 0.00                      | 26.80                     | 14.17                          | µg/L                          | < 1.0                  | < 1.0                  | < 1.0                  | < 2.0                  | < 2.0       | 1,050                   | < 500                   | < 2,000                     | ---         | ---              |  |
| EW-1     | 2,3   | 09/07/02      | 12.63                         | --                        | 0.00                      | 26.80                     | 14.17                          | µg/L                          | < 1.0                  | < 1.0                  | < 1.0                  | < 1.0                  | < 2.0       | 942                     | < 500                   | < 2,000                     | ---         | ---              |  |

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 hydrocarbons  
 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 concentration---  
 \*\* = 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
- 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

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

**APPENDIX D**

**LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION**



Southland Technical Services, Inc.  
Environmental Laboratories

09-20-2002

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

Project: 29863494/Sears Oakland 1058B  
Project Site: 2600 Telegraph Ave., Oakland, CA  
Sample Date: 09-07-2002  
Lab Job No.: UR209048

Dear Mr. Rowlands:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 09-08-2002 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.



**Southland Technical Services, Inc.**  
Environmental Laboratories

09-20-2002

Client: URS Corporation  
 Project: 29863494/Sears Oakland 1058B  
 Project Site: 2600 Telegraph Ave., Oakland, CA  
 Matrix: Water  
 Batch No.: AI13-GW1/for Gasoline  
 Batch No.: EI11-DW1/for Diesel & Oil

Lab Job No.: UR209048  
 Date Sampled: 09-07-2002  
 Date Received: 09-08-2002  
 Date Analyzed: 09-13-2002  
 Date Analyzed: 09-11-2002

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

|                                       |           |          |            |            |            |            |
|---------------------------------------|-----------|----------|------------|------------|------------|------------|
| Date of Analysis for TPH (Gasoline)   |           | 09-13-02 | 09-13-02   | 09-13-02   | 09-13-02   | 09-13-02   |
| Preparation Method for TPH (Gasoline) |           | 5030     | 5030       | 5030       | 5030       | 5030       |
| Date of Analysis for TPH (D & O)      |           | 09-11-02 | 09-11-02   | 09-11-02   | 09-11-02   | 09-11-02   |
| Date of Extraction for TPH (D & O)    |           | 09-11-02 | 09-11-02   | 09-11-02   | 09-11-02   | 09-11-02   |
| Preparation Method for TPH (D & O)    |           | 3510C    | 3510C      | 3510C      | 3510C      | 3510C      |
| LAB SAMPLE I.D.                       |           |          | UR209048-1 | UR209048-2 | UR209048-3 | UR209048-4 |
| CLIENT SAMPLE I.D.                    |           |          | MW-1       | MW-2       | MW-3       | MW-4       |
| Analyte                               | MDL       | MB       |            |            |            |            |
| TPH-Gasoline (C4 - C12)               | 50        | ND       | 95         | ND         | 347        | 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        |
| BFB (for TPH-Gasoline)                | 20 ppb    | 70-130   | 120        | 125        | 123        | 116        |
| Diethyl Phthalate (for TPH-D & O)     | 5 ppm     | 70-130   | 116        | 85         | 85         | 86         |

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.



Southland Technical Services, Inc.  
Environmental Laboratories

09-20-2002

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B  
Project Site: 2600 Telegraph Ave., Oakland, CA  
Matrix: Water  
Batch No.: AI13-GW1/for Gasoline  
Batch No.: EI11-DW1/for Diesel & Oil

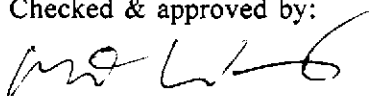
Lab Job No.: UR209048  
Date Sampled: 09-07-2002  
Date Received: 09-08-2002  
Date Analyzed: 09-13-2002  
Date Analyzed: 09-11-2002

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

| Date of Analysis for TPH (Gasoline)   | 09-13-02   | 09-13-02   | 09-13-02   | 09-13-02   | 09-13-02   |     |     |
|---------------------------------------|------------|------------|------------|------------|------------|-----|-----|
| Preparation Method for TPH (Gasoline) | 5030       | 5030       | 5030       | 5030       | 5030       |     |     |
| Date of Analysis for TPH (D & O)      | 09-11-02   | 09-11-02   | 09-11-02   | 09-11-02   | 09-11-02   |     |     |
| Date of Extraction for TPH (D & O)    | 09-11-02   | 09-11-02   | 09-11-02   | 09-11-02   | 09-11-02   |     |     |
| Preparation Method for TPH (D & O)    | 3510C      | 3510C      | 3510C      | 3510C      | 3510C      |     |     |
| LAB SAMPLE LD.                        | UR209048-5 | UR209048-6 | UR209048-7 | UR209048-8 | UR209048-9 |     |     |
| CLIENT SAMPLE LD.                     | MW-5       | MW-6       | MW-7       | MW-8       | MW-9       |     |     |
| Analyte                               | MDL        |            |            |            |            |     |     |
| TPH-Gasoline (C4 - C12)               | 50         | ND         | ND         | ND         | ND         | 117 |     |
| 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 |     |
| BFB (for TPH-Gasoline)                | 20 ppb     | 70-130     | 117        | 123        | 124        | 125 | 128 |
| Diethyl Phthalate<br>(for TPH-D & O)  | 5 ppm      | 70-130     | 130        | 129        | 129        | 127 | 130 |

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.



Southland Technical Services, Inc.  
Environmental Laboratories

09-20-2002

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B  
Project Site: 2600 Telegraph Ave., Oakland, CA  
Matrix: Water  
Batch No.: AI13-GW1/for Gasoline  
Batch No.: EI11-DW1/for Diesel & Oil

Lab Job No.: UR209048  
Date Sampled: 09-07-2002  
Date Received: 09-08-2002  
Date Analyzed: 09-13-2002  
Date Analyzed: 09-11-2002

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

|                                       |  |            |            |             |             |     |
|---------------------------------------|--|------------|------------|-------------|-------------|-----|
| Date of Analysis for TPH (Gasoline)   |  | 09-13-02   | 09-13-02   | 09-13-02    | 09-13-02    |     |
| Preparation Method for TPH (Gasoline) |  | 5030       | 5030       | 5030        | 5030        |     |
| Date of Analysis for TPH (D & O)      |  | 09-11-02   | 09-11-02   | 09-11-02    | 09-11-02    |     |
| Date of Extraction for TPH (D & O)    |  | 09-11-02   | 09-11-02   | 09-11-02    | 09-11-02    |     |
| Preparation Method for TPH (D & O)    |  | 3510C      | 3510C      | 3510C       | 3510C       |     |
| LAB SAMPLE LD.                        |  | UR09048-10 | UR09048-11 | UR209048-12 | UR209048-13 |     |
| CLIENT SAMPLE LD.                     |  | EW-1       | DUP-1      | EB          | TB          |     |
| Analyte                               |  | MDL        |            |             |             |     |
| TPH-Gasoline (C4 - C12)               |  | 50         | 1,050      | 942         | ND          | ND  |
| TPH-Diesel (C13 - C23)                |  | 500        | ND         | ND          | NA          | NA  |
| TPH-Oil (C24 - C40)                   |  | 2000       | ND         | ND          | NA          | NA  |
| Surrogate                             |  | Spk Conc.  | ACP%       | %RC         | %RC         | %RC |
| BFB (for TPH-Gasoline)                |  | 20 ppb     | 70-130     | 108         | 111         | 122 |
| Diocetyl Phthalate (for TPH-D & O)    |  | 5 ppm      | 70-130     | 129         | 83          |     |

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.





**Southland Technical Services, Inc.**  
Environmental Laboratories

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B

Lab Job No.: UR209048  
Matrix: Water

Date Reported: 09-20-2002  
Date Sampled: 09-07-2002

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

| Date ANALYZED             | 09-14-02 | 09-14-02   | 09-14-02   | 09-14-02   | 09-14-02   | 09-14-02   |    |
|---------------------------|----------|------------|------------|------------|------------|------------|----|
| PREPARATION METHOD        | 5030     | 5030       | 5030       | 5030       | 5030       | 5030       |    |
| DILUTION FACTOR           | 1        | 1          | 1          | 1          | 1          | 1          |    |
| LAB SAMPLE I.D.           |          | UR209048-1 | UR209048-2 | UR209048-3 | UR209048-4 | UR209048-5 |    |
| 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        | 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 |



# Southland Technical Services, Inc.

## Environmental Laboratories

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B

Lab Job No.: UR209048  
Matrix: Water

Date Reported: 09-20-2002  
Date Sampled: 09-07-2002

### 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-Tetrachloroethan    | 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-Tetrachloroethan    | 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   |               |
| Vinyl Acetate               | 25        | ND  | ND   | ND   | ND   | ND   | ND   |               |
| MTBE                        | 2         | ND  | ND   | ND   | ND   | 2.2  | 2.0  |               |
| 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        | 100 | 98   | 103  | 100  | 91   | 93   | 79-126        |
| Toluene-d8                  | 25        | 90  | 88   | 88   | 81   | 86   | 94   | 79-121        |
| Bromofluoro-benzene         | 25        | 92  | 89   | 101  | 93   | 85   | 86   | 71-131        |

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



**Southland Technical Services, Inc.**  
Environmental Laboratories

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B

Lab Job No.: UR209048  
Matrix: Water

Date Reported: 09-20-2002  
Date Sampled: 09-07-2002

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

| Date ANALYZED             |     | 09-14-02 | 09-14-02   | 09-14-02   | 09-14-02   | 09-14-02   |  |  |
|---------------------------|-----|----------|------------|------------|------------|------------|--|--|
| PREPARATION METHOD        |     | 5030     | 5030       | 5030       | 5030       | 5030       |  |  |
| DILUTION FACTOR           |     | 1        | 1          | 1          | 1          | 1          |  |  |
| LAB SAMPLE I.D.           |     |          | UR209048-6 | UR209048-7 | UR209048-8 | UR209048-9 |  |  |
| 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        | 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         |  |  |



**Southland Technical Services, Inc.**  
Environmental Laboratories

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B

Lab Job No.: UR209048  
Matrix: Water

Date Reported: 09-20-2002  
Date Sampled: 09-07-2002

**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-Tetrachloroethan    | 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-Tetrachloroethan    | 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   |  |               |
| Vinyl Acetate               | 25        | ND  | ND   | ND   | ND   | ND   |  |               |
| MTBE                        | 2         | ND  | ND   | 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        | 100 | 90   | 91   | 91   | 91   |  | 79-126        |
| Toluene-d8                  | 25        | 90  | 84   | 86   | 90   | 99   |  | 79-121        |
| Bromofluoro-benzene         | 25        | 92  | 93   | 88   | 88   | 90   |  | 71-131        |

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



**Southland Technical Services, Inc.**  
Environmental Laboratories

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B

Lab Job No.: UR209048  
Matrix: Water

Date Reported: 09-20-2002  
Date Sampled: 09-07-2002

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

| Date ANALYZED             |     | 09-14-02 | 09-14-02    | 09-14-02    | 09-14-02    | 09-14-02    |  |  |
|---------------------------|-----|----------|-------------|-------------|-------------|-------------|--|--|
| PREPARATION METHOD        |     | 5030     | 5030        | 5030        | 5030        | 5030        |  |  |
| DILUTION FACTOR           |     | 1        | 1           | 1           | 1           | 1           |  |  |
| LAB SAMPLE LD.            |     |          | UR209048-10 | UR209048-11 | UR209048-12 | UR209048-13 |  |  |
| CLIENT SAMPLE LD.         |     |          | EW-1        | DUP-1       | EB-1        | TB-1        |  |  |
| 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        | 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          |  |  |



**Southland Technical Services, Inc.**  
Environmental Laboratories

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B

Lab Job No.: UR209048  
Matrix: Water

Date Reported: 09-20-2002  
Date Sampled: 09-07-2002

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

| COMPOUND                    | MDL       | MB  | EW-1 | DUP-1 | EB-1 | TB-1 |  |               |
|-----------------------------|-----------|-----|------|-------|------|------|--|---------------|
| Chlorobenzene               | 5         | ND  | ND   | ND    | ND   | ND   |  |               |
| 1,1,1,2-Tetrachloroethan    | 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-Tetrachloroethan    | 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   |  |               |
| Vinyl Acetate               | 25        | ND  | ND   | ND    | ND   | ND   |  |               |
| MTBE                        | 2         | ND  | ND   | 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        | 100 | 85   | 82    | 86   | 93   |  | 79-126        |
| Toluene-d8                  | 25        | 90  | 87   | 84    | 89   | 83   |  | 79-121        |
| Bromofluoro-benzene         | 25        | 92  | 93   | 94    | 84   | 89   |  | 71-131        |

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



**Southland Technical Services, Inc.**  
Environmental Laboratories

09-20-2002

**EPA 8260B  
Batch QA/QC Report**

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B  
Matrix: Water  
Batch No: 0914-VOAW

Lab Job No.: UR209048  
Sample ID: UR209048-5  
Date Analyzed: 09-14-2002

**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          | 21.5 | 21.1 | 107.5    | 105.5     | 1.9   | 30                 | 70-130             |
| Benzene            | ND           | 20          | 22.4 | 21.4 | 112.0    | 107.0     | 4.6   | 30                 | 70-130             |
| Trichloro-ethene   | ND           | 20          | 17.0 | 16.5 | 85.0     | 82.5      | 3.0   | 30                 | 70-130             |
| Toluene            | ND           | 20          | 17.7 | 18.5 | 88.5     | 92.5      | 4.4   | 30                 | 70-130             |
| Chlorobenzene      | ND           | 20          | 20.2 | 20.2 | 101.0    | 101.0     | 0.0   | 30                 | 70-130             |

**II LCS Result  
Unit: ppb**

| Analyte            | LCS Value | True Value | Rec.% | Accept. Limit |
|--------------------|-----------|------------|-------|---------------|
| 1,1-Dichloroethene | 21.1      | 20.0       | 105.5 | 80-120        |
| Benzene            | 22.8      | 20.0       | 114.0 | 80-120        |
| Trichloro-ethene   | 17.6      | 20.0       | 88.0  | 80-120        |
| Toluene            | 18.9      | 20.0       | 94.5  | 80-120        |
| Chlorobenzene      | 21.4      | 20.0       | 107.0 | 80-120        |

ND: Not Detected.



Southland Technical Services, Inc.  
Environmental Laboratories

09-20-2002

**EPA 8015M (TPH)  
Batch QA/QC Report**

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B  
Matrix: Water  
Batch No.: EI11-DW1

Lab Job No.: UR209048  
Lab Sample ID: UR209047-2  
Date Analyzed: 09-11-2002

**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          | 19.5 | 19.6 | 97.5     | 98.0      | 0.5   | 30                 | 70-130             |

**II. LCS Result  
Unit: ppm**

| Analyte | LCS Report Value | True Value | Rec.% | %Rec Accept. Limit |
|---------|------------------|------------|-------|--------------------|
| TPH-d   | 22.5             | 20         | 112.5 | 80-120             |

ND: Not Detected (at the specified limit).





**Southland Technical Services, Inc.**  
Environmental Laboratories

09-20-2002

**EPA 8015M (TPH)  
Batch QA/QC Report**

Client: URS Corporation  
Project: 29863494/Sears Oakland 1058B  
Matrix: Water  
Batch No.: AI13-GW1

Lab Job No.: UR209048  
Lab Sample ID: UR209048-8  
Date Analyzed: 09-13-2002

**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        | 1,060 | 1,040 | 106.0    | 104.0     | 1.9   | 30                 | 70-130             |

**II. LCS Result  
Unit: ppb**

| Analyte | LCS Report Value | True Value | Rec.% | %Rec Accept. Limit |
|---------|------------------|------------|-------|--------------------|
| TPH-G   | 1,000            | 1000       | 100.0 | 80-120             |

ND: Not Detected (at the specified limit).

CHAIN OF CUSTODY RECORD

Lab Job Number *UR 209048*

| Client: <i>URS Corp</i>                       |                   |  |             |                              |                     |                                   | Analyses Requested  |                       |  |  |  |  |  | T.A.T. Requested<br><input type="checkbox"/> Rush 8 12 24 hours<br><input type="checkbox"/> 2-3 days <input checked="" type="checkbox"/> Normal     |          |          |  |  |
|---|-------------------|--|-------------|------------------------------|---------------------|-----------------------------------|---|-----------------------|--|--|--|--|--|---|----------|----------|--|--|
| Address<br><i>2020 E 1st Street Santa Ana</i> |                   |  |             |                              |                     |                                   | 602/8021 (BTEX, MTBE)<br>8015M (Gasoline)<br>8015M (Diesel)<br>8260B (VOCs)<br>8260B (Oxygenates, BTEX)<br>8260B (MTBE Confirm.)<br>TPHg (8015M)<br>VOCs (8260B)<br>TPHd TPHo (8015M) |                       |  |  |  |  |  | Sample Condition<br><input checked="" type="checkbox"/> Chilled <input checked="" type="checkbox"/> Intact<br><input type="checkbox"/> Sample seals |          |          |  |  |
| Report Attention<br><i>Scott Rowlands</i>     |                   | Phone<br><i>(714) 835-6886</i>   |             | Fax<br><i>(714) 667-7174</i> |                     | Sampled by<br><i>Robert Karas</i> |   |                       |  |  |  |  |  | Remarks   |          |          |  |  |
| Project Name/No. <i>29 863494</i>             |                   | Project Site<br><i>Jean Deland 10583 2600 Telegraph Ave Oakland CA</i> |             |                              |                     |                                   |   |                       |  |  |  |  |  |   |          |          |  |  |
| Client Sample ID                              | Lab Sample ID     | Sample Collect   |             | Matrix Type                  | Sample Preserve     | No., type* & size of container    |   |                       |  |  |  |  |  |   |          |          |  |  |
|   |                   | Date   | Time        |                              |                     |                                   |   |                       |  |  |  |  |  |   |          |          |  |  |
| MW-7  | <i>UR209048-7</i> | <i>9-7</i>   | <i>730</i>  | <i>W</i>                     | <i>HCl</i>          | <i>3V</i>                         |   |                       |  |  |  |  |  |   |          |          |  |  |
| MW-7  | <i>-7</i>         | <i>1</i>   | <i>730</i>  |                              | <i>-</i>            | <i>1G</i>                         |   |                       |  |  |  |  |  |   |          |          |  |  |
| MW-8  | <i>-8</i>         | <i>1</i>   | <i>800</i>  |                              | <i>HCl</i>          | <i>3V</i>                         |   |                       |  |  |  |  |  | <i>X</i>  | <i>X</i> |          |  |  |
| MW-8  | <i>-8</i>         | <i>1</i>   | <i>800</i>  |                              | <i>-</i>            | <i>1G</i>                         |   |                       |  |  |  |  |  |   |          | <i>X</i> |  |  |
| MW-2  | <i>-2</i>         | <i>1</i>   | <i>845</i>  |                              | <i>HCl</i>          | <i>3V</i>                         |   |                       |  |  |  |  |  | <i>X</i>  | <i>X</i> |          |  |  |
| MW-2  | <i>-2</i>         | <i>1</i>   | <i>845</i>  |                              | <i>-</i>            | <i>1G</i>                         |   |                       |  |  |  |  |  |   |          | <i>X</i> |  |  |
| MW-4  | <i>-4</i>         | <i>1</i>   | <i>920</i>  |                              | <i>HCl</i>          | <i>3V</i>                         |   |                       |  |  |  |  |  | <i>X</i>  | <i>X</i> |          |  |  |
| MW-4  | <i>-4</i>         | <i>1</i>   | <i>920</i>  |                              | <i>-</i>            | <i>1G</i>                         |   |                       |  |  |  |  |  |   |          | <i>X</i> |  |  |
| MW-5  | <i>-5</i>         | <i>1</i>   | <i>1000</i> |                              | <i>HCl</i>          | <i>3V</i>                         |   |                       |  |  |  |  |  | <i>X</i>  | <i>X</i> |          |  |  |
| MW-5  | <i>-5</i>         | <i>1</i>   | <i>1000</i> |                              | <i>-</i>            | <i>1G</i>                         |   |                       |  |  |  |  |  |   |          | <i>X</i> |  |  |
| MW-6  | <i>-6</i>         | <i>1</i>   | <i>1035</i> |                              | <i>HCl</i>          | <i>3V</i>                         |   |                       |  |  |  |  |  | <i>X</i>  | <i>X</i> |          |  |  |
| MW-6  | <i>-6</i>         | <i>1</i>   | <i>1035</i> |                              | <i>-</i>            | <i>1G</i>                         |   |                       |  |  |  |  |  |   |          | <i>X</i> |  |  |
| MW-1  | <i>-1</i>         | <i>1</i>   | <i>1110</i> |                              | <i>HCl</i>          | <i>3V</i>                         |   |                       |  |  |  |  |  | <i>X</i>  | <i>X</i> |          |  |  |
| MW-1  | <i>-1</i>         | <i>1</i>   | <i>1110</i> |                              | <i>-</i>            | <i>1G</i>                         |   |                       |  |  |  |  |  |   |          | <i>X</i> |  |  |
| MW-9  | <i>-9</i>         | <i>1</i>   | <i>1220</i> | <i>✓</i>                     | <i>HCl</i>          | <i>3V</i>                         |   |                       |  |  |  |  |  | <i>X</i>  | <i>X</i> |          |  |  |
| MW-9  | <i>-9</i>         | <i>1</i>   | <i>1220</i> | <i>✓</i>                     | <i>-</i>            | <i>1G</i>                         |   |                       |  |  |  |  |  |   |          | <i>X</i> |  |  |
| Relinquished by<br><i>Robert Karas</i>        |                   | Company<br><i>URS</i>  |             | Date<br><i>9/8</i>           | Time<br><i>1115</i> | Received by<br><i>Young</i>       |   | Company<br><i>STS</i> |  | Container types: M=Metal Tube<br>A=Air Bag P=Plastic bottle<br>G=Glass bottle V=VOA vial |  |  |  |   |          |          |  |  |
| Relinquished by                               |                   | Company  |             | Date                         | Time                | Received by                       |   | Company               |  |  |  |  |  |   |          |          |  |  |

CHAIN OF CUSTODY RECORD

Lab Job Number UR209048

| Client: <u>URS Corp</u>                        |                               |                             |                                    |                    |                     |                                | Analyses Requested    |                       |                |  |                          |                       |              | T.A.T. Requested<br><input type="checkbox"/> Rush 8 12 24 hours<br><input type="checkbox"/> 2-3 days <input checked="" type="checkbox"/> Normal |                   |   |  |
|--|-------------------------------|-----------------------------|------------------------------------|--------------------|---------------------|--------------------------------|-----------------------|-----------------------|----------------|--|--------------------------|-----------------------|--------------|---|-------------------|---|--|
| Address<br><u>2020 E. 1st Street Santa Ana</u> |                               |                             |                                    |                    |                     |                                | 602/8021 (BTEX, MTBE) | 8015M (Gasoline)      | 8015M (Diesel) | 8260B (VOCs)   | 8260B (Oxygenates, BTEX) | 8260B (MTBE Confirm.) | TPHs (8015M) | VOCs (8260B)  | TPHs TPHo (8015M) | Sample Condition<br><input checked="" type="checkbox"/> Chilled <input checked="" type="checkbox"/> Intact<br><input type="checkbox"/> Sample seals |  |
| Report Attention<br><u>Scott Rowlands</u>      | Phone<br><u>(714) 8356116</u> | Fax<br><u>(714) 6677172</u> | Sampled by<br><u>Robert Kovacs</u> |                    |                     |                                |                       |                       |                |  |                          |                       |              |   |                   | Project Name/No. <u>2990194</u>   |  |
| Client Sample ID                               | Lab Sample ID                 | Sample Collect              |                                    | Matrix Type        | Sample Preserve     | No., type* & size of container |                       |                       |                |  |                          |                       |              |   |                   |   |  |
|  |                               | Date                        | Time                               |                    |                     |                                |                       |                       |                |  |                          |                       |              |   |                   |   |  |
| EW-1   | UR209048-10                   | 9-7                         | 1325                               | W                  | HCl                 | 3V                             |                       |                       |                |  |                          | X                     | X            |   |                   |   |  |
| EW-1   | -10                           |                             | 1325                               |                    | -                   | 1G                             |                       |                       |                |  |                          |                       |              | X   |                   |   |  |
| MW-3   | -3                            |                             | 1420                               |                    | HCl                 | 3V                             |                       |                       |                |  |                          | X                     | X            |   |                   |   |  |
| MW-3   | -3                            |                             | 1420                               |                    | -                   | 1G                             |                       |                       |                |  |                          |                       |              | X   |                   |   |  |
| DVP-1  | -11                           |                             | 1335                               |                    | HCl                 | 3V                             |                       |                       |                |  |                          | X                     | X            |   |                   |   |  |
| DVP-1  | -11                           |                             | 1335                               |                    | -                   | 1G                             |                       |                       |                |  |                          |                       |              | X   |                   |   |  |
| EB-1   | -12                           |                             | 1445                               |                    | HCl                 | 3V                             |                       |                       |                |  |                          | X                     | X            |   |                   |   |  |
| TB   | -13                           | ✓                           | N/A                                | ✓                  | HCl                 | 2V                             |                       |                       |                |  |                          | X                     | X            |   |                   |   |  |
| Relinquished by<br><u>Robert Kovacs</u>        |                               | Company<br><u>URS</u>       |                                    | Date<br><u>9-8</u> | Time<br><u>1115</u> | Received by<br><u>Young</u>    |                       | Company<br><u>URS</u> |                | Container types: M=Metal Tube<br>A=Air Bag P=Plastic bottle<br>G=Glass bottle V=VOA vial |                          |                       |              |   |                   |   |  |
| Relinquished by                                |                               | Company                     |                                    | Date               | Time                | Received by                    |                       | Company               |                |  |                          |                       |              |   |                   |   |  |

Southland Tech. Services, Inc.  
7801 Telegraph Road, Suite L & K  
Montebello, CA 90640

Tel: (323) 888-0728  
Fax: (323) 888-1509

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.  
Distribution: WHITE with report, PINK to courier.

**APPENDIX E**

**URS DATA VALIDATION REPORT**

## Level III Data Validation Summary

**PROJECT:** Sears Oakland 1058A  
**LABORATORY:** Southland Technical Services, Inc. (STS)  
**MATRIX:** Groundwater  
**LAB PROJECT #:** UR209046  
**SAMPLES:** See table below

| Field ID | QC Designations           | Lab ID     | BTEX, MTBE | TPH-Gasoline | TPH-Diesel, TPH-Oil | Nitrate, Sulfate | Alkalinity | H-Degrader and HPC |
|----------|---------------------------|------------|------------|--------------|---------------------|------------------|------------|--------------------|
| FOMW-3   |                           | UR209046-1 | X          | X            | X                   | X                | X          | X                  |
| EB-1     | Equipment blank           | UR209046-5 | X          | X            |                     |                  |            |                    |
| FOMW-5   |                           | UR209046-3 | X          | X            | X                   | X                | X          | X                  |
| FOMW-4   |                           | UR209046-2 | X          | X            | X                   | X                | X          | X                  |
| Dup-1    | Field duplicate of FOMW-4 | UR209046-4 | X          | X            | X                   | X                | X          |                    |
| TB       | Trip blank                | UR209046-6 | X          | X            |                     |                  |            |                    |

Date Sampled: 9/06/02

TPH-Gasoline = Total petroleum hydrocarbons, gasoline range (C4-C10).

TPH-Diesel = Total petroleum hydrocarbons, diesel range (C11-C23).

TPH-Oil = Total petroleum hydrocarbons, oil range (C24-C40).

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes.

MTBE = Methyl t-butyl ether.

STS is certified by California Department of Health Services, Environmental Laboratory Accreditation Program, ELAP Certificate Number 1986

### DATA REVIEW MATRIX

| QC Parameter                  | BTEX, MTBE<br>EPA 8021B | TPH-Gasoline<br>EPA 5030/8015M | TPH-Diesel, TPH-Oil<br>EPA 3510C/8015M | Nitrate, Sulfate<br>EPA352.1/375.4 | Alkalinity<br>EPA 310.1 | H-Degrader and HPC<br>SM9215A/<br>SM9215B |
|-------------------------------|-------------------------|--------------------------------|--|------------------------------------|-------------------------|---|
| Chain-of-custody (COC)        | ✓                       | ✓                              | ✓                                      | ✓                                  | ✓(3)                    | ✓(4)                                      |
| Sample Receipt                | ✓                       | ✓                              | ✓                                      | ✓                                  | ✓                       | ✓   |
| Holding Times                 | ✓                       | ✓                              | ✓                                      | ✓                                  | ✓                       | ✓   |
| Method Blank                  | ✓                       | ✓                              | ✓                                      | ✓                                  | NP                      | ✓   |
| Surrogate Recovery            | ✓                       | ✓                              | ✓                                      | NA                                 | NA                      | NA  |
| Laboratory Control Sample     | ✓                       | ✓                              | ✓                                      | ✓                                  | NP                      | ✓   |
| Matrix Spike                  | (1)                     | (1)                            | ✓(2)                                   | NP                                 | NP                      | NP  |
| Duplicate, or Spike Duplicate | (1)                     | (1)                            | ✓(2)                                   | NP                                 | NP                      | NP  |
| Field Duplicate               | ✓                       | ✓                              | ✓                                      | ✓                                  | ✓                       | NC  |
| Trip Blank                    | ✓                       | ✓                              | NA                                     | NC                                 | NC                      | NC  |
| Equipment Blank               | ✓                       | ✓                              | NA                                     | NC                                 | NC                      | NC  |

✓ = Quality control evaluation criteria met.

NA = Not Applicable or Not Analyzed    NP = Not Provided

NC = Not Collected

**Notes:**

- MS/MSD was conducted on a non-site related sample; therefore, the MS/MSD results obtained may not be fully representative of the accuracy and precision of the analysis on the site-specific sample matrix.
- MS/MSD was conducted on sample Dup-1. The results were within acceptance criterion.
- Analyses subcontracted to Americhem Testing Laboratories, ELAP certificate number 1758.
- Analyses performed at CytoCulture Environmental Biotechnology Laboratories.

**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 without qualification. 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-Gasoline | 50                        |
| TPH-Diesel   | 500                       |
| TPH-Oil      | 2000                      |
| Benzene      | 0.5                       |
| Toluene      | 0.5                       |
| Ethylbenzene | 0.5                       |
| Xylenes      | 0.5                       |
| MTBE         | 1.0                       |
| Alkalinity   | 1000                      |
| Nitrate      | 50                        |
| Sulfate      | 1000                      |

Aqueous units are microgram per Liter ( $\mu\text{g/L}$ ).

Samples did not require dilution for the EPA 8021B, and EPA 8015M analyses.

**APPENDIX F**

**WORK PLAN FOR CONFIRMATION SOIL BORINGS**

**WORK PLAN FOR CONFIRMATION SOIL  
BORINGS  
FORMER SEARS AUTO CENTER #1058B  
2600 TELEGRAPH AVENUE  
OAKLAND, CALIFORNIA  
CASE I.D. # STID 1082  
FOR SEARS, ROEBUCK & CO.**

**URS Job No. 29863494  
January 23, 2003**



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### FIGURES

- Figure 1      Vicinity Map
- Figure 2      Proposed Confirmation Soil Boring Locations

**WORK PLAN FOR CONFIRMATION SOIL BORINGS  
FORMER SEARS AUTO CENTER #1058B  
2600 TELEGRAPH AVENUE  
OAKLAND, CALIFORNIA  
CASE I.D. # STID 1082  
URS JOB NO. 29863494  
FOR SEARS, ROEBUCK & CO.**

**1.0 INTRODUCTION**

This work plan has been prepared by URS Corporation on behalf of Sears, Roebuck & Co. (Sears). It presents proposed methods for drilling and sampling confirmation soil borings in areas of former underground storage tanks (USTs). The former Sears Auto Center is located at 2600 Telegraph Avenue in Oakland, California (Figure 1). The former gasoline USTs, fuel dispensing system, motor oil USTs and used oil UST were associated with the former Sears Auto Center (Figure 2).

Currently, 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). A site map showing the former UST locations is provided as Figure 2.

The purpose of the proposed confirmation soil borings is to assess the residual concentrations of petroleum hydrocarbons and volatile organic compounds (VOCs) in the vadose zone soils in the areas of the removed USTs onsite. Results of the confirmation sampling will be used to evaluate the Site for closure using Risk Based Screening Levels (RBSLs) published in the *Oakland Urban Land Redevelopment (ULR) Guidance Document* (January 2000), and the Regional Water Quality Control Board, San Francisco Region's (RWQCB) *Application of Risk-Based Screening Levels and Decision Making to Sites With Impacted Soil and Groundwater* (December 2001).

The Site characterization will be performed under the direct supervision of a California Registered Geologist. The proposed work will be performed under regulatory oversight of the Alameda County

Environmental Health Services (ACEHS). A description of the proposed investigative methods is presented in the following sections.

## **2.0 HEALTH AND SAFETY PLAN**

Pursuant to Health and Safety Code 1910.120, and prior to initiating the field activities, URS will prepare a Site-specific Health & Safety plan to:

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

URS field personnel and sub-contractors will review requirements of the Health & Safety plan during a “tail-gate safety meeting” to be conducted on the Site prior to commencing field work. Field monitoring activities will be recorded in the Health and Safety Plan. A copy of the Health and Safety Plan will remain onsite during field operations.

## **3.0 UTILITY CLEARANCE**

In accordance with California State Assembly Bill 73, URS will notify Underground Services Alert (USA) at least 48 hours prior to initiation of intrusive field tasks. Proposed locations of subsurface investigation will be marked with white paint or surveyors flagging as required by USA. USA will contact utility owners of record within the Site vicinity and notify them of our intention to conduct subsurface investigations in proximity to buried utilities. All utility owners of record, or their designated agents, will be expected to clearly mark the position of their utilities on the ground surface throughout the area designated for investigation.

For investigative areas where the presence of underground services or utilities is unclear or unknown, surface geophysics will be used in an effort to identify subsurface lines and obstructions. Geophysical methods may include: magnetics, electromagnetics, ground penetrating radar (GPR), and electromagnetic line location. Magnetics and electromagnetics are used to identify underground tanks, drums, and conduits. These features are detected due to the ferrous and electrically conductive material of their construction. GPR may be used as a follow-up technology to characterize identified magnetic or electromagnetic anomalies.

#### 4.0 SOIL BORING AND SAMPLING PROCEDURES

Twelve confirmation soil borings will be drilled at the Site at the proposed locations shown on Figure 2. The borings will be drilled using a CME 75 (or equivalent) drill rig equipped with eight-inch diameter augers. The first five feet of each boring will be drilled when possible, using hand auger equipment to avoid potential damage to undetected buried structures. The borings will be completed at a depth of approximately 30 feet bgs, or first groundwater.

Soil samples will be collected at 5-foot intervals, and at any locations where field evidence of hydrocarbon impact is encountered, through the hollow stem of the auger using a split-spoon sampler fitted with stainless steel sleeves. The sampler will be driven 18 inches with a standard 30-inch drop of a 140-pound hammer. Hammer blow counts will be recorded every six inches over the 18-inch sampling interval.

Upon retrieval of the sampler, the sample sleeves will be separated. The leading sample ends will be covered with Teflon™ film and fitted with snug-fitting plastic end caps, which will then be sealed with Parafilm™. Sample labels will then be affixed to the end caps with the following information: boring designation, sample number, sample depth, date, collector initials, Site/owner, sample location, and time of collection. The sealed and labeled samples will then be transferred to an ice chest containing blue ice and transported to a California DHS accredited laboratory for analysis. The samples will be logged onto Chain of Custody forms to be maintained through delivery to the laboratory. Soil in remaining sleeves at each sample interval will be used for lithologic description.

During drilling operations, an organic vapor monitor (OVM) will be used to monitor the presence and level of organic vapors, which may potentially be present in the borings and cuttings and to screen soil samples. These organic vapor readings will be recorded onto boring logs to be prepared by the field geologist during sample collection. The boring log will include a record of the following sampling information: boring number and boring location; sample identification numbers; time; sample depths; lithologic descriptions (in accordance with the Unified Soils Classification System [USCS]); descriptions of any visible evidence of soil impact (i.e. odor, staining); inches the sampler was driven; inches of soil recovered; and organic vapor readings in parts per million (ppm).

After sampling is completed, all borings will be grouted to the surface with a bentonite/Portland cement mixture. Boring locations will be resurfaced to match existing conditions.

## **5.0 LABORATORY ANALYSIS PROGRAM**

The soil samples collected from the confirmation borings will be submitted to a DHS accredited laboratory for analysis. The soil samples will be analyzed for TPHg, TPHd, and TPHo by modified EPA Method 8015M. The samples will also be analyzed for VOCs including BTEX and the fuel oxygenates MTBE, DIPE, ETBE, TAME, and TBA by EPA Method 8260B.

## **6.0 EQUIPMENT DECONTAMINATION**

Equipment used during field investigations and sampling will be decontaminated prior to use at each sampling point to reduce the potential for the introduction of contamination and cross-contamination in accordance with the guidelines and procedures discussed below. These procedures are necessary to ensure quality control in decontamination of field equipment and to serve as a means to identify and correct potential errors in the sample collection and sample handling procedures.

Decontamination of all drilling and field sampling equipment will be conducted in a thorough and step-wise manner and documented in the field logs. All drilling equipment will be cleaned thoroughly (inside and outside) using a steam cleaner. Downhole equipment will be cleaned prior to drilling each boring. Downhole sampling equipment will be cleaned prior to each sampling event using a dilute Alconox solution followed by double rinsing with fresh water, followed by a distilled water rinse.

## **7.0 WASTE MANAGEMENT**

Decontamination fluids and soil cuttings generated during drilling and sampling activities will be placed in DOT-approved 55-gallon drums. Containers will be numbered, and labeled with the date, well/boring number, and contents to identify the source of the wastes. The containers will be stored onsite in a designated area and properly disposed of by Sears, Roebuck & Co. following review of the chemical analysis data.

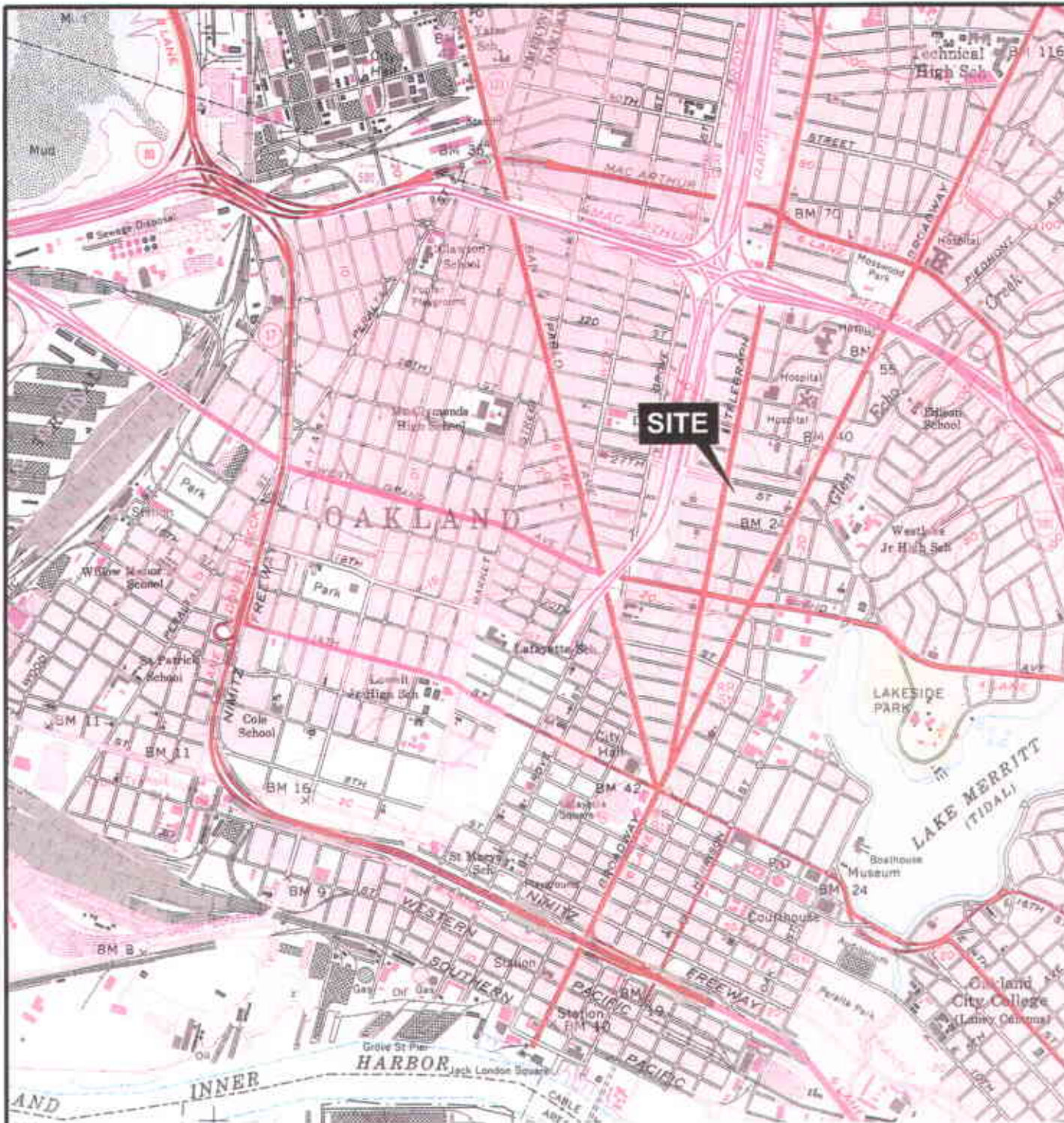
## 8.0 DATA ANALYSIS AND REPORT PREPARATION

Data collected during the confirmation sampling program and historical ground water monitoring events will be used to evaluate the Site for closure under the City of Oakland ULR Program and the RWQCB's guidance documents. The results of our findings will be presented in a report, which will include the following details:

- Review of the Site history, as well as soil and groundwater analytical data,
- Review of the regional and Site-specific hydrogeology,
- Description of the field investigative methods,
- A summary of the analytical testing results,
- Site maps showing the extent of residual soil and groundwater impacts on the Site,
- A Site closure evaluation,
- Conclusions and recommendations regarding current Site environmental conditions.

## 9.0 REFERENCES

- American Environmental Management Corporation, 1990. *Underground Storage Tank Removal Sears, Roebuck and Co., Oakland California*, Sears Auto Center # 1058, 2600 Telegraph Avenue, Oakland, California, October 12.
- California Regional Water Quality Control Board—San Francisco Bay Region Groundwater Committee (RWQCB), 2001. *Application of Risk-Based Screening Levels and Decision Making to Sites With Impacted Soil and Groundwater*. December 2001.
- City of Oakland Public Works Agency, 2000. *Oakland Urban Land Redevelopment Program: Guidance Document*, January 1.



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.

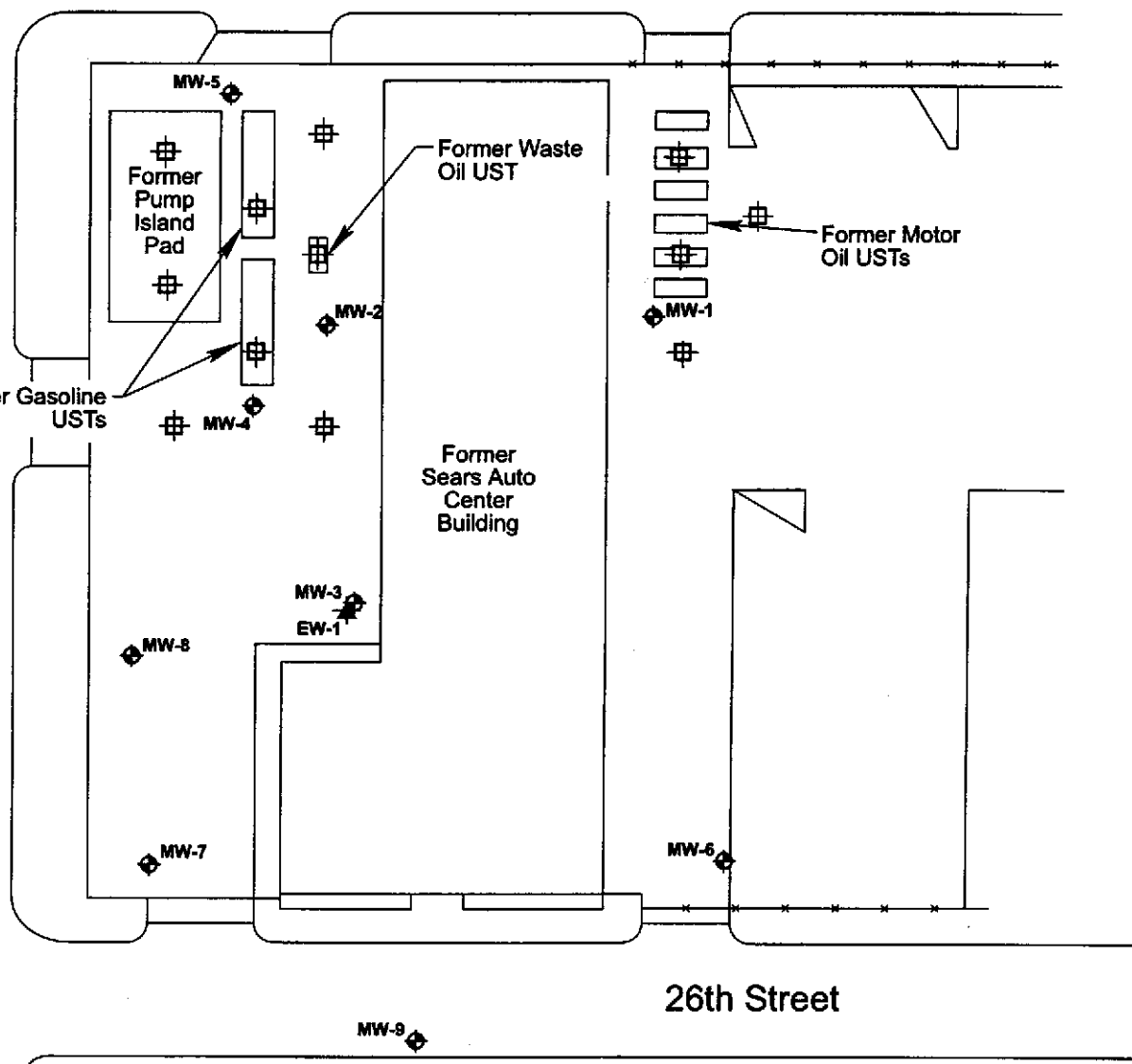


Scale in Miles







27th Street

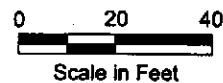
Telegraph Avenue



26th Street

**LEGEND**

-  **MONITORING WELL LOCATION**
-  **EXTRACTED WELL LOCATION**
-  **CHAIN LINK FENCE**
-  **PROPOSED CONFIRMATION SOIL BORING LOCATION**



**PROPOSED CONFIRMATION  
SOIL BORING LOCATIONS**

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

Project No.: 29863494

Date: JANUARY 2003

Figure 2