



IT Corporation
4005 Port Chicago Highway
Concord, CA 94520-1120
Tel. 925.288.9898
Fax. 925.288.0888

A Member of The IT Group

Transmittal Letter

Date: October 22, 1999
To: Ms. Juliet Shin
Company: Alameda County Health Care Services Agency, EHS
Address: 1131 Harbor Bay Parkway, Suite 250
City: Alameda State/Zip: CA 94502-6577

We are sending via:

Courier U.S. Mail UPS Overnight Mail Other _____

The following:

Report Shop Drawings Samples
 Proposal Specifications Other Letter

Transmitted as checked:

Approved For Approval Approved as Noted
 For Correction For Your Use As Requested
 For Comments For Your Records For Distribution

Comments:

Ms. Shin -
Enclosed please find a letter dated October 21, 1999 detailing the installation of two downgradient wells at Sears Store 1039, located at 1911 Telegraph Avenue in Oakland, CA. If you have any questions, please don't hesitate to contact me at (925) 288-2126.

Sincerely,
IT Corporation

Melissa Gossell
Melissa Gossell
West Zone Project Manager

c: Scott DeMuth, Sears, Roebuck and Co., Hoffman Estates, IL
Russ Zora, IT Central Files, Overland Park, KS
Project Files

99 OCT 25 AM 8:46
ENVIRONMENTAL PROTECTION

Following well installation, the wells will be developed to by Gregg Drilling improve hydraulic communication with the surrounding aquifer. The wellhead and surface elevations will be professionally surveyed relative to the elevations of the other site wells. Groundwater purging and sampling will be conducted by IT Corporation following well installation as part of the fourth quarter monitoring and sampling event.

From each soil sampling event, one sample tube of soil will be capped at each end with a Teflon sheet and a plastic lid. Each lid will be secured with sample tape, and the sample will be labeled and placed on ice for delivery to the laboratory. Volatile organic compounds will be monitored in the field using a photoionization detector (PID). One sample from each event will be placed in a plastic bag, described using the Unified Soil Classification System, and documented on a drilling log. All soil samples will be delivered to a state-certified laboratory.

All sampling equipment will be cleaned between sampling intervals with non-phosphate detergent, followed by successive rinses of tap and distilled water. This method will decontaminate the sampling equipment and prevent cross contamination between sampling events.

Laboratory Analyses

Soil samples will be delivered to Sequoia Analytical Laboratory, via courier, under chain-of-custody protocol. Soil samples will be analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tertiary butyl ether (MTBE) using EPA 8020, total petroleum hydrocarbons as gasoline (TPH-g) using EPA Method Modified 8015, and oil & grease using EPA Method 413.2. Soil samples from the capillary fringe will be analyzed for volatile organic compounds (VOCs) using EPA Method 8010. Detectable concentrations of MTBE will be verified using EPA Method 8260.

The newly installed monitoring wells, MW-8 and MW-9, will be sampled during the fourth quarter sampling event and analyzed for BTEX/MTBE, TPH-g, oil & grease, and VOCs using EPA 8010B. Results of the groundwater analyses will be reported in both the assessment report and the fourth quarter groundwater monitoring report.

Waste Disposal

Soil cuttings from the well installation and well development and purge water will be placed in 55-gallon drums, labeled, and stored at the site pending laboratory analyses to select a proper disposal method. The drums will be labeled and numbers of drums and contents documented on a drum inventory form for proper disposal by Sears.



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October 21, 1999

Ms. Juliet Shin
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: Installation of Two Downgradient Monitoring Wells
Sears Store No. 1039, 1911 Telegraph Avenue, Oakland, California

Dear Ms. Shin:

On behalf of Sears, Roebuck and Co., IT Corporation plans to install two monitoring wells, downgradient from the former Chevron facility, at the above referenced site. The intent to install the monitoring wells was previously identified in the *Third Quarter 1999 Groundwater Monitoring and Sampling Report* (September 30, 1999). Monitoring well installation is being performed in response to Alameda County Environmental Health Services concerns regarding an increase in hydrocarbon concentrations in the furthest downgradient well (MW-7). Although monitoring well MW-7 had increasing concentrations in 1997-1998, with peak hydrocarbon concentrations in February 1998, concentrations have been decreasing in MW-7 since then. The proposed monitoring wells (MW-8 and MW-9) are located downgradient of the former Chevron facility, adjacent to the Sears Auto Center (Attachment 1, Figure 1). The new monitoring wells will help to determine if increasing concentrations in MW-7 are due to plume migration, flushing of the capillary fringe with fluctuating water levels, or natural attenuation of the plume.

Monitoring Well Installation


Two borings will be drilled and sampled, and then completed as monitoring wells (Attachment 1, Figure 1). Soil borings will be drilled to a total depth of 25 feet below ground surface (bgs) by Gregg Drilling and Testing, Inc. (Gregg Drilling), under the supervision of IT Corporation, using an 8-inch-diameter hollow stem auger (HSA). Soil samples will be collected at 5-foot intervals with a split-spoon sampler to total depth, in 1.5-inch x 6-inch-diameter brass tubes. All borings will be cleared for utilities and hand dug to 5 feet below grade to ensure utility damage does not occur during drilling. Upon completion of soil sampling activities, the borings will be completed as monitoring wells. Monitoring wells will be constructed of Schedule 40 PVC, with approximately 15 feet of 2-inch-diameter 0.020-inch slotted screen and completed to the surface with 10 feet of 2-inch-diameter blank casing. The annular space between the borehole and casing will be backfilled with No. 3 Lonestar Sand from the well completion depth to 1.5 to 2 feet above the well screen. A transition seal of 1 to 2 feet of bentonite will be installed, followed by a grout slurry to the surface. The wells will be finished with a watertight locking cap inside a traffic-rated street box.


Reporting

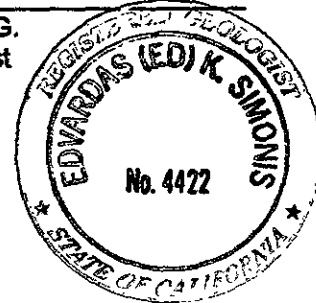
A summary report will be prepared that discusses the field procedures and results of the investigation.

Monitoring well installation is currently scheduled for November 2, 1999. If you have any questions regarding this work scope please contact me at (925) 288-2126.

Sincerely,
IT CORPORATION


Melissa Gossell
West Zone Project Manager
Hydrogeologist


Ed Simonis, R.G.
Senior Geologist



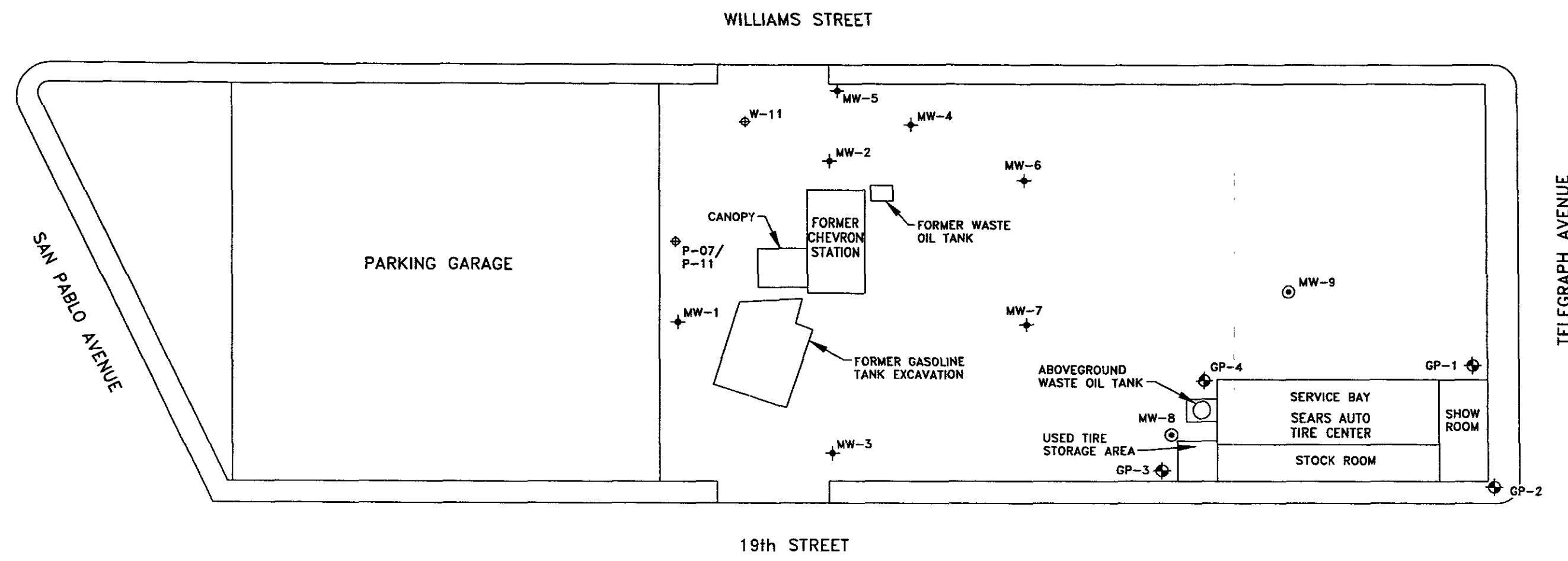
c: Scot DeMuth, Sears, Roebuck and Co., Hoffman Estates, IL
Russ Zora, IT Central Files, Overland Park, KS
Project Files

Attachments:



1. Site Plan

Attachment 1

Site Plan



- LEGEND**
- ⊕ SOIL BORING LOCATION
 - ✦ EXISTING MONITORING WELL
 - ⊕ SOIL PROBE
 - ⊙ PROPOSED MONITORING WELL

 ITT CORPORATION			
SITE PLAN			
CLIENT:		SEARS, ROEBUCK & CO. SITE NO. 1039	
LOCATION:		1901-1911 TELEGRAPH AVENUE OAKLAND, CALIFORNIA	
ACAD FILE:		PROJECT NO.:	
SITEPLAN		800458	
REV.: 1			
DES.:	DET.:	DATE:	FIGURE:
DP	RDB	10/18/99	1
PM:	PE/RG:		
<i>[Signature]</i>	<i>[Signature]</i>		