



Winston H. Hickox
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

Santa Ana Region

Internet Address: <http://www.swrcb.ca.gov>
3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (909) 782-4130 • FAX (909) 781-6288



Gray Davis
Governor

June 26, 2003

Mr. Scott DeMuth
Sears Roebuck & Co.
3333 Beverly Rd.
Dept. 824C, A2-158B
Hoffman Estates, IL 60179

**SUBJECT: NO FURTHER ACTION
SEARS AUTO CENTER NO. 1293
5261 ARLINGTON AVE., RIVERSIDE, CALIFORNIA
UST CASE NO. 083300337T**

Dear Mr. DeMuth:

This letter confirms the completion of the site investigation and remedial action for the underground storage tanks (USTs) formerly located at the above-described location. Enclosed is the Case Summary for the referenced site for your records.

Based upon the available information, including current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the UST removal is required.

This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e).

Please provide documentation of proper well abandonment, in accordance with your proposal dated May 22, 2003, to this office to complete our file. Please contact Rose Scott of our office at (909) 320-6375 if you have any questions regarding this matter.

Sincerely,

for Gerard J. Thibeault
Executive Officer

Enclosure: Case Closure Summary

cc: URS Corporation, Kevin Russell, J.S. Rowlands, Ryan Hartly

California Environmental Protection Agency

CASE SUMMARY**I. AGENCY INFORMATION**

Agency Name: California Regional Water Quality Control Board, Santa Ana Region	Address: 3737 Main Street, Suite 500
City/state/zip: Riverside, CA 92501-3348	Phone: (909) 320-6375 or (909) 782-4130
Staff: Rose T. Scott	Title: Associate Engineering Geologist

II. CASE INFORMATION

Site Name:	Sears Auto Center #1293			
Location:	5261 Arlington Ave., Riverside, California			
RB Case #	083300337T			
Responsible Parties		Address		Phone Number
Sears Roebuck & Co.		3333 Beverly Road, Dept. 824C, A2-158B Hoffman Estates, IL 60179		(847) 286-5530
Tank No.	Size In Gallons	Contents	Closed in-place/ Removed?	Date
1	10,000	Leaded Gasoline	Removed	June 15, 1985
2	10,000	Unleaded Gasoline	Removed	June 15, 1985
3	10,000	Unleaded Gasoline	Removed	June 15, 1985
4	2,000	Oil	Removed	July 1987
5	2,000	Oil	Removed	July 1987
6	1,000	Oil	Removed	July 1987
7	1,000	Oil	Removed	July 1987
8	1,000	Motor oil	Removed	July 1987
9	1,000	Motor oil	Removed	July 1987
10	1,000	Waste oil	Removed	July 1987

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause & type of release: USTs (reported 8/13/87)	Closure report dated: May 22, 2003
Site characterization complete: YES [x] NO	Monitoring Wells installed: YES [x] NO []
Proper screened interval: YES [x] NO [] NA []	Most sensitive current groundwater use: Municipal
Shallowest groundwater depth: 28.34 feet bgs	Greatest groundwater depth: 31.45 feet bgs
Flow Direction: variable: north northwest	Hydraulic Gradient: 0.004 to 0.03
Groundwater Sub-Basin: Riverside III	Report(s) on file? Yes
Reports(s) filed: CA Regional Water Quality Control Board	3737 Main Street, Suite 500, Riverside, CA 92501-3348

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL				
MATERIAL	AMOUNT	ACTION, TREATMENT OR DISPOSAL W/DESTINATION		DATE
Soil	18 cubic yards	Offsite Disposal		November 1994
Groundwater	---	---		---
MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS – BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (mg/kg)		WATER (µg/l)	
	Before (1985-94)	After (1999)	Before	After
Total Recoverable Petroleum Hydrocarbons – Motor Oil (418.1)	320	ND (<10)	NA	NA
Total Petroleum Hydrocarbons – Gasoline (8015)	1,400	1,800	91,000	688
Araclor	0.2	NA	NA	NA
MTBE	NA	ND (<5)	39	<2
Benzene	0.032	0.007	8,000	<1
Toluene	1.4	52	20,000	<1
Ethylbenzene	2.2	20	3,800	2.4
Xylenes	12	158	43,000	22.7
Trimethylbenzenes	NA	145	NA	ND (<5)
Tetrachloroethene	NA	ND (<0.005)	ND (<500)	11.5
Naphthalene	NA	16	NA	ND (<5)
1,2-dibromoethane	ND(<0.001)	ND (<0.005)	2.4	ND (<0.5)
n-propyl benzene	NA	14	NA	ND (<5)
n-butyl benzene	NA	6.6	NA	ND (<5)
Total Lead	15	NA	90	4.1

NA - Not analyzed

ND - Not detected at method detection limit

* - Nitrate, sulfate and methane data in file.

IV. CLOSURE

Does completed corrective action protect beneficial uses per the basin plan? YES [x] NO []

Does the corrective action protect public health for current land use? YES [x] NO []

SITE MANAGEMENT REQUIREMENTS

Should corrective action be reviewed if land use changes? YES [x] NO []

Monitoring or vapor wells decommissioned: YES [x] NO [x] N/A []

Number decommissioned: Six wells were abandoned in September 1992. Nine remain to be destroyed.

List of enforcement actions taken: none

List enforcement action rescinded: none

V. ADDITIONAL COMMENTS, DATA, ETC.



In June 1985, three gasoline underground storage tanks (USTs) were removed from the site. Six wells were installed in 1985. The before concentrations on the table above are primarily from the sample collected from well TR103-A (sample W1) located within the former tank area on June 19, 1985. In July 1987, one waste oil and six motor oil USTs were removed from the site. On May 26, 1992, a groundwater sample was collected from the downgradient well (TR103-03), but there was not sufficient water to collect samples from the other five wells. The six existing wells were abandoned and four new wells were installed in September 1992. Well MW-2 was installed 10 feet downgradient of well TR103-A. In January 1993, five more wells were installed. Quarterly groundwater monitoring has been conducted since 1993. In November 1994, product lines were removed and contaminated soil, noted on the table above, was transported offsite.

In October 1999, verification sampling of soil and groundwater from six direct push borings was conducted. The after concentrations for soil on the table above are from this event. Elevated levels of petroleum hydrocarbons were detected in the groundwater sample from the probe within the former tank area (GP-3) approximately 5 feet from TR-103A. These are shown on the before column on the table above for total petroleum hydrocarbons as gasoline (TPHg) and ethylbenzene. (The sample from TR-103A did not have reported results for these compounds. Based on a comparison of the xylene and benzene concentrations from the two wells, the concentrations of TPHg and ethylbenzene for the earlier TR103A sample are expected to be greater than those reported on the table for the GP-3 sample.)

On October 7, 1994, separate phase petroleum product was present at a thickness of 1.2 feet in well MW-3. It was detected again at 0.1 feet on February 25, 1997 in wells MW-3 and MW-4. Product was not detected for the following six years at similar water levels. Benzene, toluene, ethylbenzene and xylenes are currently not detected in any of the wells. In the wells, methyl tertiary butyl ether (MTBE) was only detected once (October 25, 1999) at a concentration of 39 micrograms per liter and the other fuel oxygenates were not detected. Benzene has remained below the low risk guideline level since June of 1995 in all of the wells. Toluene, ethylbenzene and xylenes have been below the low risk guideline levels for at least the last year in all of the wells.

VI. RWQCB AGENCY RESPONSE

Regional Board Staff:

Name: Rose T. Scott	Title: Associate Engineering Geologist
Signature: 	Date: 6/24/03
Name: Kenneth R. Williams - Senior Engineering Geologist	Response: Concurs with Closure
Signature: 	Date: 6/24/03