

November 2, 2004

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

**Re: Third Quarter 2004 Status Report
ARCO Service Station #2035
1001 San Pablo Avenue
Albany, California
URS Project #38486712**

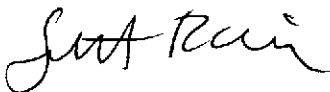
Dear Mr. Schultz:

On behalf of Atlantic Richfield Company, a BP affiliated Company, URS Corporation (URS) is submitting the *Third Quarter 2004 Status Report* for the ARCO Service Station #2035, located at 1001 San Pablo Avenue, Albany, California.

If you have any questions regarding this submission, please call at (510) 874-3280.

Sincerely,

URS CORPORATION



Scott Robinson
Project Manager

Enclosure: Third Quarter 2004 Status Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Muriel & Emile Turpin, Trustees, 2 La Canada Ct., Saint Helena CA 94574-1250
Mr. Robert Cave, BAAQMD-Permit Division, 939 Ellis Street, San Francisco, CA 94109
Barbara & James A. Lestrangle, Property Owners, 6 La Canada Court, St. Helena, CA 94575

Date: November 2, 2004
Quarter: 3Q 04

RM QUARTERLY STATUS REPORT

Facility No.: 2035 Address: 1001 San Pablo Avenue, Albany, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Consultant Project No.: 38486712
Primary Agency: Alameda County Environmental Health Care (ACEH)

WORK PERFORMED THIS QUARTER (Third- 2004):

1. System is currently not operating.
2. On July 15, 2004 requested permission from ACEH to shut down the SVE system due to low to non-detect influent concentrations.

WORK PROPOSED FOR NEXT QUARTER (Fourth - 2004):

1. Prepare and submit this third quarter 2004 status report.
2. Perform second semi-annual 2004 groundwater monitoring event.
3. Prepare second semi-annual 2004 groundwater monitoring report.
4. Perform monthly groundwater monitoring of SVE wells.

SITE SUMMARY

Current Phase of Project:	<u>Remediation/GW monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Annually (4th quarter): MW-5 and MW-6</u> <u>Semi-Annually (2nd /4th quarter): MW-1 through MW-4, RW-1, and S-5</u>
Frequency of Groundwater Monitoring:	<u>Semi-annual</u>
Is Free Product (FP) Present On-Site:	<u>No</u>
Current Remediation Techniques:	<u>AS/SVE</u>
Approximate Depth to Groundwater:	<u>9.28 (MW-1) to 12.68 (MW-6) feet</u>
Groundwater Gradient (direction):	<u>West</u>
Groundwater Gradient (magnitude):	<u>0.02 feet per foot</u>
Equipment Inventory:	<u>Therm Tech Model VAC-10 Thermal/Catalytic Oxidizer</u>
Operating Mode:	<u>Catalytic Oxidation</u>
BAAQMD Permit #:	<u>8694</u>
TPH Conc. End of Period (lab):	<u>NA (System shut down temporarily)</u>
Benzene Conc. End of Period (lab):	<u>NA (System shut down temporarily)</u>
SVE Flowrate End of Period:	<u>74 scfm</u>
Total HC Destroyed This Period:	<u>0.0 pounds NA (System shut down temporarily)</u>
Total HC Destroyed to Date:	<u>3,967 pounds</u>
Utility Usage This Period	

SITE SUMMARY (cont.)

Electric (kWh):	0
Gas (cu/ft):	0
Operating Hours This Period (SVE):	0
Operating Hours to Date (SVE):	23392 Hours
Percent Operational This Period (SVE):	0%
Unit Maintenance:	Currently optimizing SVE system performance
Number of Auto Shut Downs:	NA (System shut down temporarily)
Destruction Efficiency Permit Requirement:	98.5% (POC >2,000 ppmv); 97% (POC >200 ppmv); 90% (POC <200 ppmv)
Percent TPH Conversion:	NA (System shut down temporarily)
Average Stack Temperature:	652° F
Average SVE Source Flow:	52 scfm
Average SVE Process Flow:	78 scfm
Average Source Vacuum:	20 in of H ₂ O