

4/23/92  
Called Don Moore (Seacov)  
received OK updates of Arco

April 13, 1992

92 APR 14 PM 3:00

Ms. Susan Hugo  
Alameda County Department of Environmental Health  
80 Swan Way  
Oakland, California 94621

**ARCO Products Company Facilities in Alameda County**

Dear Ms. Hugo:

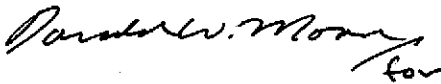
Please find attached, Quarterly Summary Reports (QSRs) for ARCO Products Company Service Stations in Alameda County. The QSRs summarize activities conducted by ARCO at the respective sites during the first quarter of 1992; also included are projected site activities for the second quarter of 1992 and a bibliography of reports submitted for each location.

The QSRs are classified by city and address within Alameda County. We are submitting this document and attached QSRs as agreed. Please note that we are forwarding copies of the QSRs to the Regional Water Quality Control Board (RWQCB).

Please note that ARCO Products Company has reviewed the RWQCB's February 19, 1991 printout of ARCO fuel leak sites. We have evaluated each site with respect to ARCO's responsibility for investigation, monitoring, and/or remediation. Those locations for which ARCO is not responsible were listed and described in the QSR package delivered to you on July 15, 1991. The attached QSRs therefore represent only those locations for which ARCO is responsible.

ARCO is planning a subsequent comprehensive QSR submittal for ARCO sites on July 15, 1992. Please do not hesitate to contact us with any questions regarding this submittal.

Sincerely yours,



Kyle A. Christie  
Environmental Engineer

Attachments: ARCO Facility QSRs

UST LEAK  
SITE UPDATE

Date of Last Review/Update January 6, 1992

Permit Date April 6, 1992

SITE IDENTIFICATION

Name ARCO Service Station 276 Case No. \_\_\_\_\_  
Address 10007 MacArthur Boulevard  
Street Number Street  
Oakland 94605  
City ZIP Code  
County Alameda Substance Gasoline  
Local Agency Alameda County Health Care Services Agency (ACHCSA)  
Regional Board Regional Water Quality Control Board - San Francisco Bay Area (CRWQCB)

LEAD STAFF PERSON ACHCSA Paul Smith

CASE TYPE

Undetermined  Soil Only  Ground Water  Drinking Water

STATUS (Date indicates when case moved into status)

<input type="checkbox"/>	No Action Taken	Date	_____
<input checked="" type="checkbox"/>	Leak Being Confirmed	Date	<u>1988</u>
<input type="checkbox"/>	Preliminary Site Assessment Workplan Submitted	Date	_____
<input checked="" type="checkbox"/>	Preliminary Site Assessment Underway	Date	<u>3/89</u>
<input checked="" type="checkbox"/>	Pollution Characterization	Date	<u>8/89</u>
<input checked="" type="checkbox"/>	Remediation Plan	Date	<u>7/91</u>
<input checked="" type="checkbox"/>	Remedial Action Underway	Date	<u>8/90</u>
<input type="checkbox"/>	Post Remedial Action Monitoring	Date	_____
<input type="checkbox"/>	Case Referred to Regional Board	Date	_____
<input type="checkbox"/>	Case Referred to Dept. of Health Services	Date	_____
<input type="checkbox"/>	Case Closed	Date	_____

COMMENTS/MILESTONES:

Vapor Extraction System installed offsite; startup date 8/90. Product removal by bailing from MW-2. USTs and product lines replaced in February 1990; approximately 100 cubic yards of soil removed from site. Performed aquifer pump test in November 1991. Installed a Horner EZY floating product skimmer in MW-2 on 12/24/91. Received ACHCSA approval of remedial action plan for installation of onsite VES.

RECENT ACTIVITIES/FINDINGS:

Last Quarter Activities: Performed an aquifer pump test in November 1991. Submitted EBMUD permit application on 11/26/91. Installed a Horner EZY floating product skimmer in MW-2 on 12/24/91. Received a verbal approval of wastewater permit. Permit will be issued two weeks prior to system startup.

Current Quarter Activities: Submitted a remedial action plan to ACHCSA and RWQCB for interim groundwater remediation. Re-evaluated construction bids and selected a contractor for onsite VES installation.

ANTICIPATED ACTIVITIES:

Next Quarter Activities: Continue groundwater monitoring; install onsite vapor extraction wells; assess groundwater plume; issue subsurface investigation and pump test report; and prepare groundwater monitoring report; and submit addendum for additional onsite subsurface investigation.

Reports documenting the site's history are listed on page 2.

REPORTDATECONSULTANT

Addendum Three to Work Plan for  
Interim Groundwater Remediation  
60026.08

3/18/92

RESNA

Letter Report on Fourth Quarter 1991  
Groundwater Monitoring  
60026.06

3/9/92

RESNA

Letter Report on Third Quarter 1991  
Groundwater Monitoring  
60026.06

12/02/91

RESNA

Wastewater Discharge Permit Application  
60026.07

11/26/91

RESNA

Addendum Two to Work Plan  
60026.07

9/23/91

RESNA

Letter Report on Second Quarter 1991  
Ground-Water Monitoring  
AGS 60026.02

7/12/91

RESNA/Applied  
GeoSystems

Work Plan for Subsurface Environmental  
Investigation and Remediation  
AGS 60026.03

7/01/91

RESNA/Applied  
GeoSystems

Addendum One to Work Plan  
AGS 60026.03

7/01/91

RESNA/Applied  
GeoSystems

Letter Report on First Quarter 1991  
Ground-Water Monitoring  
AGS 60026.02

4/16/91

RESNA/Applied  
GeoSystems

Report on Underground Gasoline Storage  
Tank Removal and Replacement

2/11/91

Applied  
GeoSystems

Letter Report on Quarterly Ground-Water  
Monitoring for Fourth Quarter 1990  
AGS 60026-1

1/29/91

Applied  
GeoSystems

Report on Limited Offsite Subsurface  
Environmental Investigation  
AGS 19014-3

1/17/91

Applied  
GeoSystems

Letter Report on Quarterly Ground-  
Water Monitoring for Fourth Quarter 1989,  
First & Second Quarter 1990 at  
ARCO Station 276, Oakland, CA  
AGS 19014-4

8/6/90

Applied  
GeoSystems

Results of Soil Sampling in Proposed  
Tank Pit Location

2/13/90

Applied  
GeoSystems

Letter Report on Quarterly Ground-Water  
Monitoring for Third Quarter 1990  
AGS 60026-1

1/2/90

Applied  
GeoSystems

**REPORT**

Report on Limited Subsurface Environmental  
Investigation  
AGS 19014-1

**DATE**

8/8/89

**CONSULTANT**

Applied  
GeoSystems

Former Waste-Oil Tank Pit Analytical  
Results and Site Plan  
(Correspondence to Ms. Mary Meirs, ACEHD/HMD)

2/6/89

Pacific  
Environmental  
Group, Inc.

Preliminary Soil and Groundwater Quality  
Testing Program Foothill Square  
Job No. KE812-3A, 12302

10/7/88

Kaldveer  
Associates

Preliminary Environmental Assessment  
Proposed Foothill Square  
Job No. KE812-3, 12056

10/3/88

Kaldveer  
Associates

Soil Sampling and Monitoring Well Installation  
Foothill Square.  
Job No. 8-088.01

No date available

Western  
Geologic  
Resources, Inc.