

October 12, 1992

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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:

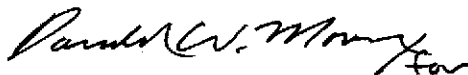
Please find attached, Quarterly Summary Reports (QSRs) for ARCO Products Company Service Stations in Alameda County. The QSRs summarize activities conducted by ARCO at the respective sites during the third quarter of 1992; also included are projected site activities for the fourth quarter of 1992 and 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 the next comprehensive QSR submittal for ARCO sites on January 15, 1993. 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 June 29, 1992

Client  
Date September 25, 1992

SITE IDENTIFICATION

Name ARCO Service Station 276 Case No. \_\_\_\_\_  
Address 10600 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-Barney Chan

CASE TYPE

Undetermined  Soil Only  Groundwater  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. Installed two offsite monitoring wells in June 1992, one onsite monitoring well and seven onsite vapor wells and developed monitoring wells in July 1992. Installed subgrade VES piping to existing system during July and August and conducted VET in August 1992.

RECENT ACTIVITIES/FINDINGS:

Last Quarter Activities: Re-evaluated construction bids and selected a contractor for onsite VES installation. Permitted and installed two offsite groundwater monitoring wells MW-6 and MW-7. Perform groundwater monitoring and checked EZY skimmer in well MW-2. Drafted Subsurface Investigation and Pump Test Report.

Current Quarter Activities: Perform groundwater monitoring and checked EZY skimmer in well MW-2. Installed one onsite monitoring well and seven onsite vapor extraction wells, installed subgrade VES piping to existing system in July 1992, and performed a VET in August 1992. Developed newly installed monitoring wells and removed soil piles generated during well installation and trenching activities at the site.

ANTICIPATED ACTIVITIES:

Next Quarter Activities: Continue groundwater monitoring. Submit draft report of offsite and onsite subsurface investigation and interim remediation to ARCO. Submit Subsurface Investigation and Pump Test Report to ACHCSA and RWQCB. Continue operations and maintenance on existing system.

Reports documenting the site's history are listed on page 2 & 3.

<u>REPORT</u>	<u>DATE</u>	<u>CONSULTANT</u>
Letter Report on Second Quarter 1992 Groundwater Monitoring 60026.06	9/25/92	RESNA
Letter Report on First Quarter 1992 Groundwater Monitoring 60026.06	5/13/92	RESNA
Addendum Four to Work Plan 60026.10	4/16/92	RESNA
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

REPORTDATECONSULTANT

Report on Limited Subsurface Environmental  
Investigation  
AGS 19014-1

8/8/89

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.