

ARCO Products Company  
2000 Alameda de las Pulgas  
Mailing Address: Box 5811  
San Mateo, California 94402  
Telephone 415 571 2400



Date: October 14, 1991

Re: ARCO Station #

" I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached proposal or report are true and correct."

Submitted by:

Kyle A. Christie  
Environmental Engineer

91 OCT 15 PM 2:29

October 14, 1991

Alameda County Department of Environmental Health  
80 Swan Way  
Oakland, California 94621

Attention: Mr. Edgar Howell

**ARCO Products Company Facilities in Alameda County**

Dear Mr. Howell:

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 1991; also included are projected site activities for the fourth quarter of 1991 and a bibliography of reports submitted for each location.

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

Please also note that ARCO Products Company has reviewed the RWQCB's February 19, 1991 printout of ARCO fuel leak sites. We 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 QSR submittal for ARCO sites on January 15, 1992. Please do not hesitate to contact me with any questions regarding this submittal.

Sincerely,

  
Kyle A. Christie  
Environmental Engineer

Attachments:  
ARCO Facility QSRs

UST LEAK Date of Last Current  
SITE UPDATE Review/Update April 15, 1991 Date September 6, 1991

SITE IDENTIFICATION

Name ARCO Service Station 276 Case No. \_\_\_\_\_  
Address 10600 MacArthur Boulevard  
Street Number Street  
Oakland City 94605 ZIP Code  
County Alameda Substance Gasoline  
Local Agency Alameda County Health Care Services Agency  
Regional Board Regional Water Quality Control Board - San Francisco Bay Area

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	_____

REMEDIAL ACTIONS

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.

COMMENTS

Last Quarter Activities: Submitted assessment report for onsite and offsite investigations. (January 17 and February 11, 1991). Performed quarterly groundwater monitoring and reporting.

Current Quarter Activities: Prepared and submitted Work Plan and Addendum to Work Plan (7-1-91); proposed expansion of offsite VES to onsite. Performed quarterly groundwater monitoring and reporting.

Next Quarter Activities: Perform groundwater monitoring and reporting; install onsite vapor extraction wells; assess groundwater plume.

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

<u>REPORT</u>	<u>DATE</u>	<u>CONSULTANT</u>
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 Third Quarter 1990 AGS 60026-1	1/2/90	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
Report on Limited Subsurface Environmental Investigation AGS 19014-1	8/8/89	Applied GeoSystems
Results of Soil Sampling in Proposed Tank Pit Location	2/13/90	Applied GeoSystems
Report on Gasoline Storage Tank Removal and Replacement AGS 19014-5	2/11/91	Applied GeoSystems

<p>Former Waste-Oil Tank Pit Analytical Results and Site Plan (Correspondence to Ms. Mary Meirs, ACEHD/HMD)</p>	<p>2/6/89</p>	<p>Pacific Environmental Group, Inc.</p>
<p>Preliminary Environmental Assessment Proposed Foothill Square Job No. KE812-3, 12056</p>	<p>10/3/88</p>	<p>Kaldveer Associates</p>
<p>Preliminary Soil and Groundwater Quality Testing Program Foothill Square Job No. KE812-3A, 12302</p>	<p>10/7/88</p>	<p>Kaldveer Associates</p>
<p>Soil Sampling and Monitoring Well Installation Foothill Square. Job No. 8-088.01</p>		<p>Western Geologic Resources, Inc.</p>