January 13, 1993

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 fourth quarter of 1992; also included are projected site activities for the first quarter of 1993 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. Please do not hesitate to contact us with any questions regarding this submittal.

Sincerely yours,

Paramental Move for

Kyle A. Christie

Environmental Engineer

Attachments:

ARCO Facility QSRs

UST LEA	=	Trent	Dece	mber 28, 1992
SITE IDE	INTIFICATION			
Name	ARCO Service Station 276	Casa	No.	
Address	10600 MacArthur Boulevard			· , · , ·
Audiess	Street Number Street			.
	Oakland			94605
	City		ZIF	² Code
County	Alameda	Substa	ance	Gasoline
Local Age	ncy Alameda County Health Care Services Agency (ACHCSA)		•	
•	loard Regional Water Quality Control Board - San Francisco Bay Area (CRWQC	·D)		
Lectioner (Out Tegional Water Quality Control Board - Sail Francisco Bay Area (Chivigo	. <u>DI</u>		
LEAD ST	AFF PERSON_ ACHCSA-Barney Chan			
CASE TO	<u>′</u> РЕ			
	Undetermined Soil OnlyX Groundwater		_	Drinking Water
STATUS	(Date indicates when case moved into status)			
	No Action Taken			
X	Leak Being Confirmed	Date198	88	<u> </u>
	Preliminary Site Assessment Workplan Submitted	Date		
<u> </u>	Preliminary Site Assessment Underway	Date3/8	39	 ,
<u> </u>	Pollution Characterization	Date8/8	39	
<u> </u>	Remediation Plan		31	
<u> </u>	Remedial Action Underway	Date8/9	90	
	Post Remedial Action Monitoring	Date		
	Case Referred to Regional Board			····
	Case Referred to Dept. of Health Services	Date		
	Case Closed	Date		
Vapor Extr replaced in 1991. Insta for installat wells and c	NTS/MILESTONES: action System installed offsite; startup date 8/90. Product removal by bailing to February 1990; approximately 100 cubic yards of soil removed from site. Perfolled a Horner EZY floating product skimmer in MW-2 on 12/24/91. Received ACH ion of onsite VES. Installed two offsite monitoring wells in June 1992, one onsite neveloped monitoring wells in July 1992. Installed subgrade VES piping to existin VET in August 1992. Initiated operation & maintenance of onsite VES.	rmed aquifer ICSA approva nonitoring we	r pump al of re all and	test in November medial action plan seven onsite vapor
RECENT	ACTIVITIES/FINDINGS:			
to existing	or Activities: Installed one onsite monitoring well and seven onsite vapor extraction system in July 1992, and performed a VET in August 1992. Developed newly installation and trenching activities at the site.			
	arter Activities: Drafted Subsurface investigation & Pump Test. Performed ground er in MW-7. Initiated operation & maintenance of onsite VES.	water monito	oring, id	nstalled & checked
ANTICIPA	ATED ACTIVITIES:			
interim rem	or Activities: Continue groundwater monitoring. Prepare draft report of offsite an ediation. Submit Subsurface Investigation and Pump Test Report to ACHCSA and on existing onsite VES system. Initiate Additional Offsite Investigation.			
Reports do	cumenting the site's history are listed on page 2 & 3.			

	REPORT	DATE	SULTANT
	Letter Report on Third Quarter 1992 Groundwater Monitoring 60026.06	12/31/92	RESNA
	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 Groundwater 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 Groundwater 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 Fourth Quarter Groundwater Monitoring 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 Groundwater Monitoring for Third Quarter 1990 AGS 60026-1	1/2/90	Applied GeoSystems

REPORT	DATE	CONSULTANT
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.

- --

. r 5