

Date Project

March 31, 1998 20805-134.004

To:

Ms. Susan Hugo Alameda County Health Care Services Agency Department of Environmental Health 1131 Harborbay Parkway, Suite 250 Alameda, California 94502-6577

We are enclosing:

Copies 1	_	Description Fourth quarter 1997 groundwater monitoring program status report, ARCO service station 6113, Livermore, California									
For your:	X	Use Approval Review Information	Sent by:	X	Regular Mail Standard Air Courier Other: Cert. Mail						

Comments:

The enclosed groundwater monitoring report is being sent to you per the request of ARCO Products Company. Please call if you have questions or comments.

Gary P/Messerotes Project Manager

cc: Danielle Stefani, LFD
Paul Supple, ARCO Products Company
File



Date: March 31, 1998

Re: ARCO Station #

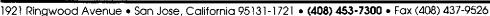
6113 • 785 East Stanley Boulevard • Livermore, CA Fourth Quarter 1997 Groundwater Monitoring Results

"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:

Paul Supple

Environmental Engineer





March 13, 1998 Project 20805-134.004

Mr. Paul Supple ARCO Products Company P.O. Box 6549 Moraga, California 94570

Re: Fourth quarter 1997 status report, ARCO service station 6113, Livermore,

California

Dear Mr. Supple:

This letter presents the status of the groundwater monitoring program at ARCO Products Company (ARCO) service station 6113, 785 East Stanley Boulevard, Livermore, California (Figure 1) in the fourth quarter 1997. The semi-annual monitoring program complies with Alameda County Health Care Services Agency (ACHCSA) requirements regarding underground tank investigations.

LIMITATIONS

No monitoring event is thorough enough to describe all geologic and hydrogeologic conditions of interest at a given site. If conditions have not been identified during the monitoring event, results should not be construed as a guarantee of the absence of such conditions at the site, but rather as the product of the scope and limitations of work performed during the monitoring event.

5650

Please call if you have questions.

Sincerely,

EMCON

Garly P. Messerotes, R.G. 5650

Project Manager

EMCON

ARCO STATUS REPORT

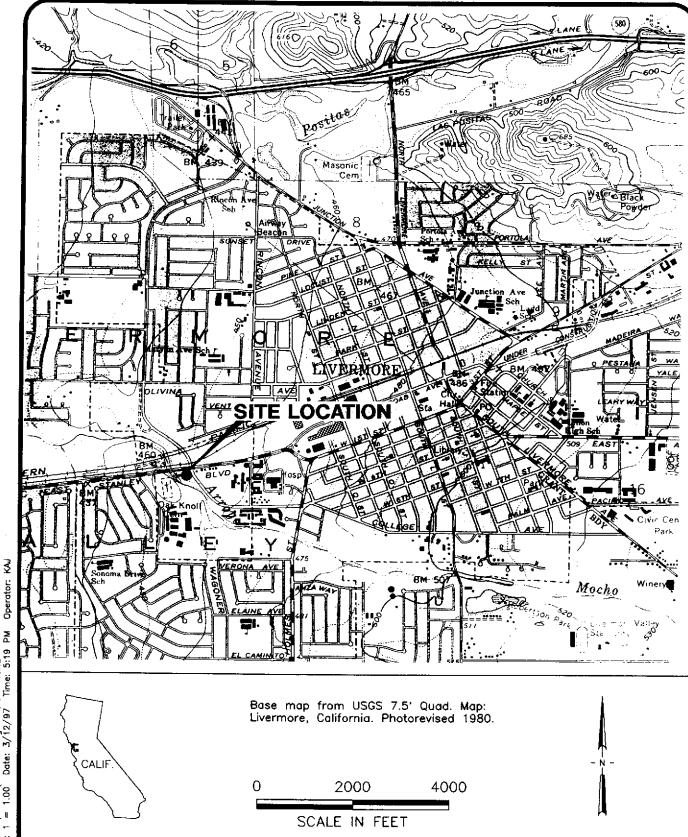
71100	DO DIMIOD REI ORT
Station No.: 6113 A	ddress: 785 East Stanley Boulevard, Livermore, California
EMCON Project No.	20805-134.004
ARCO Environmental Engineer/Phon	e No.: Paul Supple /(510) 299-8891
EMCON Project Manager/Phone No.	: Gary P. Messerotes/(408) 453-7300
Primary Agency/Regulatory ID No.:	ACHCSA /Susan Hugo
WORK PERFORMED THIS QUA	
1. Prepared and submitted groundwa	ater monitoring status report for third quarter 1997.
WORK PROPOSED FOR NEXT (QUARTER (First- 1998):
1. Prepare groundwater monitoring	status report for fourth quarter 1997.
2. Perform semi-annual groundwater	monitoring and sampling for first quarter 1998.
SEMI-ANNUAL MONITORING:	
Current Phase of Project:	Semi-Annual Groundwater Monitoring
Frequency of Sampling:	Semi-Annual (groundwater)
Frequency of Monitoring:	Semi-Annual (groundwater)
Is Floating Product (FP) Present On-site:	☐ Yes ⊠ No
Bulk Soil Removed to Date :	288 cubic yards of TPH impacted soil
Bulk Soil Removed This Quarter :	None
Water Wells or Surface Waters,	
within 2000 ft., impacted by site:	None
Current Remediation Techniques:	None
A COTTA CITED.	

ATTACHED:

f* i i z

• Figure 1 - Site Location

cc: Susan Hugo, ACHCSA Danielle Stefani, LFD



EA-SANJOSE-CAD/DRAWINGS: $|\cdot\rangle$ 02002\SITELOC.dwg Xrefs: xrefs: <a hrefs: xrefs: <a h



DATE	NOV. 1997
DWN_	144 1
APP _	
REV_	
PRO	JECT NO.
805	-134.004

FIGURE 1

ARCO PRODUCTS COMPANY
SERVICE STATION 6113, 785 E. STANLEY BLVD.
LIVERMORE, CALIFORNIA
QUARTERLY GROUNDWATER MONITORING
SITE LOCATION

		Division	ucts (Comp CRichfield	, ,				Task O	rder No.	193	5C	.CC	<u>~</u> .									(Chain of Custody
1	RCO Facili	ty по. <i>6</i>	113		Cit (Fa	y ecility)	ive	more	9		Project (Consu	mana(jer)	111	17/	Y 100	,			-	-		·	Laboratory name
ARCO Facility no.6/13 City (Facility) L/VC/MC/C ARCO engineer M//C W//C L/n (ARCO)							Task Order No. Project manager (Consultant) One no. Address (Consultant) Address (Consultant) Province A M60202080015 Address (Consultant) Address (Consultant)						7%	/ Fa	к по.	110	(17)	117	17	/~ >	C/45			
ď	onsultant n		NIC	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	- C //			T(F1100)	Address	JGD	Di	ه امرود ه امرود	<u>رال ال</u>	17	<u> </u>	<u>/ X-1</u>		nsuπai	<u>m(7)</u>	ČĄ	733 1	<u>513</u>	<u>52</u> 1	Contract number
ŀ	-		/ / \ 					.1	Consult	ant) / / /	1	(1) 1/2 3/2	VCC	<u> </u>	TVC-	<u>ر ک</u> ا	(1/)	K.S.		<u> </u>		<u> </u>		Method of shipment
					Matrix		Prese	ervation				9015	2□		 		 		Ę.					50mulac
	Sample I.D.	Lab no.	Container no.	Soil	Water	Other	lce	Acid	Sampling dat	Sampling tim	BTEX 602/EPA 8020	BTEX/TPH . B	TPH Modrified 80 Gas ☐ Diesel	Oil and Grease 413.1 413.2	TPH EPA 418.1/SM50	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Wetals VOA	CAM Metals EPA 6010/7000	Lead Org./DHS Clead EPA Lead EPA 7420/7421 Cl			Sampler Will deliver
9/	11.60	(6)	<u>,</u>		X		X	HCI	8/8/94	1225		×												Special detection Limit/reporting
/	111-7)	つ		×		×	HCL				X	110	7	ion)	olic	1,	100	,	ned	1.00	to 1	(ζ.ς. 1	Lowest
	161/-40	2C')	7		×		×	HCL	1/	1300		X	100)		~	12					, - 0	Cluba	Lowest Possible
																								Special QA/QC
																								As
-																					<u> </u>			Normal
ŀ						•							-											Remarks
\downarrow																								2-4001 40
Ì									<u></u> ,										l					2-40ml HCL VCAs
-																								
ľ																				 -				
																								#70905-134,00
																								#70905-134,00 Leb number 59601292
L																								Turnaround time
																					:			Priority Rush 1 Business Day
L	ondition of	· <u>-</u>			0	OR.		T_					receive	d: <u>(</u>	00	M	· · · · · ·							Rush
F	elinquished	by samp	oler		<i>_</i>			Date 8-8-4	4/	Time /4:/0	Receiv	ed by			-									2 Business Days
F	elinquished	64 0	/					Date	'/ '		Receiv	ed by												Expedited 5 Business Days
F	elinquished	by						Date		Time	Receiv	ed by I	aborato	ory	Su	ow.		ate 8-0	F-9	6	Time		D	Standard 10 Business Days

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Chaultar APPC-3292 (2-91)

R8