

ARCO Products Company
Environmental Health & Safety
17315 Studebaker Road
Cerritos, California 90701-1488
Telephone 310 404 5300



Mailing Address: Box 6038
Artesia, California 90702-6038

October 15, 1993

STIP # 744

Certified Mail

P 055 875 596

Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, California 94621
Attn: Mr. Robert Weston

RE: ARCO FACILITY #2111
1156 DAVIS ST., SAN LEANDRO 94577

Dear Mr. Weston:

As we discussed on the telephone yesterday, October 13, the hoist removal at the above Arco facility occurred on August 30, 1993. Prior to the removal, Arco contacted you as to Alameda County's requirements relating to the removal. At that time you indicated the hoist was not a regulated fixture, no soil sampling was required, and you did not want to be present. You had also indicated that it might be prudent if Arco went ahead and collected samples now, as in the future, if the property were to be sold and/or hydraulic oil becomes regulated, any contamination that might be found could be cleaned up now instead of at a later date.

Samples were collected at that time from within the former hydraulic hoist excavation and per the attached report, high amounts of soil contamination were found.

An unauthorized release was reported to the Office of Emergency Services on October 13, 1993 to Chuck Young, 800/852-7550, Case #60662 and I verbally reported to you at the time of our conversation yesterday.

By copy of this letter to Mr. Michael Whelan, Arco Environmental Remediation Engineer, Mr. Whelan will contact you to put together a remediation program.

If you have any questions, please do not hesitate to contact me at 310/407-2605.

Sincerely,


J. L. Mason
Environmental Compliance Administrator

enclosures

cc: M. Whelan
N. Williams



GeoStrategies Inc.

October 4, 1993

Mr. Michael Whelan
ARCO Products Company
P.O. Box 5811
San Mateo, California 94402

Subject: Letter Report of the Results of Soil Sampling Associated with Hydraulic Hoist Removal at ARCO Station 2111, 1156 Davis Street in San Leandro, California.

Mr. Whelan:

As requested by ARCO Products Company (ARCO), a GeoStrategies Inc. (GSI) field geologist was present at the site on August 30, 1993, to collect soil samples from within the former hydraulic hoist excavation. The hoist was removed from the excavation by C.E. Thomas of Irvine, California, prior to the GSI field geologist arrival, the removal of the hoist generated an excavation approximately two feet by two feet wide and eight feet in depth.

The hoist was surrounded by a coarse-grained sand and silt (apparent fill) to the bottom of the hoist (approximately 8 feet below grade [fbg]). C.E. Thomas field personnel used a post-hole digger to remove the fill material from the excavation and extend the excavation to approximately 9 fbg. Below the fill, apparent native material was encountered, consisting of a damp to moist clayey silt to the bottom of the at 9 fbg. Groundwater was not encountered during excavation activities.

During removal of the fill from the excavation, the GSI field geologist collected four soil samples (S-7-HL, S-7½-HL, S-8-HL, and S-9-HL) from the excavation at 7, 7½, 8, and 9 feet below grade (fbg), respectively. The soil samples were collected from a post-hole digger, placed in 2-inch diameter brass tubes, covered with aluminum foil and teflon caps, and placed in an ice chest for preservation. The samples were submitted

GeoStrategies Inc.

ARCO Station 2111
Letter Report of Hydraulic Hoist Removal
794001-1

October 4, 1993

under Chain-of-Custody Protocol to Sequoia Analytical Laboratories in Redwood City, California (State-certification #1210) and analyzed for total extractable petroleum hydrocarbons as hydraulic oil (TEPH as hydraulic oil) using Environmental Protection Agency (EPA) Methods 3550/8015. The analytical results of TEPH as hydraulic oil ranged in concentration from 9,200 parts per million (ppm) to 27,000 ppm in samples S-9-HL and S-7-HL, respectively. The analytical results of soil samples are shown on Table 1 and the laboratory analytical report and Chain-of-Custody are attached in Appendix A.

If you have any questions or comments, please call us at (510) 352-4800.

Sincerely,
GeoStrategies Inc.,



Robert D. Campbell
Assistant Project Geologist



Joel Coffman
Project Manager

Attachments: Table 1, Results of Analyses of Soil Samples - TEPH
as Hydraulic Oil
Appendix A, Laboratory Report and Chain-of-Custody

APPENDIX A

**LABORATORY ANALYTICAL REPORT
AND CHAIN-OF-CUSTODY**



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Gettler Ryan/Geostrategies
2150 W. Winton Avenue
Hayward, CA 94545
Attention: Matt Donohue

Project: 2111-93-1, Arco 2111-Oakland

Enclosed are the results from 4 soil samples received at Sequoia Analytical on August 30, 1993. The requested analyses are listed below:

SAMPLE #	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
3HF1301	Soil, S-7-HL	8/30/93	EPA 3550/8015
3HF1302	Soil, S-7½-HL	8/30/93	EPA 3550/8015
3HF1303	Soil, S-8-HL	8/30/93	EPA 3550/8015
3HF1304	Soil, S-9-HL	8/30/93	EPA 3550/8015

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL

Nokowhat D. Herrera
Project Manager



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Gettler Ryan/Geostrategies	Client Project ID: 2111-93-1, Arco 2111-Oakland	Sampled: Aug 30, 1993
2150 W. Winton Avenue	Sample Matrix: Soil	Received: Aug 30, 1993
Hayward, CA 94545	Analysis Method: EPA 3550/8015	Reported: Sep 14, 1993
Attention: Matt Donohue	First Sample #: 3HF1301	

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS AS HYDRAULIC OIL

Analyte	Reporting Limit mg/kg	Sample I.D. 3HF1301 S-7-HL	Sample I.D. 3HF1302 S-7½-HL	Sample I.D. 3HF1303 S-8-HL	Sample I.D. 3HF1304 S-9-HL	Sample I.D.	Sample I.D.
Extractable Hydrocarbons	1.0	27,000	22,000	11,000	9,200		
Chromatogram Pattern:		Hydraulic Oil	Hydraulic Oil	Hydraulic Oil	Hydraulic Oil		

Quality Control Data

Report Limit				
Multiplication Factor:	100	100	100	100
Date Extracted:	9/3/93	9/3/93	9/3/93	9/3/93
Date Analyzed:	9/8/93	9/8/93	9/8/93	9/8/93
Instrument Identification:	GCHP-3	GCHP-3	GCHP-3	GCHP-3

Extractable Hydrocarbons are quantitated against a fresh hydraulic oil standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Nokowhat D. Herrera
Project Manager



SEQUOIA ANALYTICAL

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Gettler Ryan/Geostrategies
2150 W. Winton Avenue
Hayward, CA 94545
Attention: Matt Donohue

Client Project ID: 2111-93-1, Arco 2111-Oakland
Matrix: Soil

QC Sample Group: 3HF1301 - 04

Reported: Sep 14, 1993

QUALITY CONTROL DATA REPORT

ANALYTE	Diesel
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Method: EPA 8015
Analyst: V.Harabajian
Conc. Spiked: 15
Units: mg/kg

LCS Batch#: DBLK090293

Date Prepared: 9/2/93
Date Analyzed: 9/4/93
Instrument I.D.#: GCHP-5

LCS % Recovery: 80

Control Limits: 50-150

MS/MSD Batch #: D3HE9101

Date Prepared: 9/2/93
Date Analyzed: 9/4/93
Instrument I.D.#: GCHP-5

Matrix Spike % Recovery: 80

Matrix Spike Duplicate % Recovery: 87

Relative % Difference: 8.4

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Nokowhat D. Herrera
Project Manager

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation and analytical methods employed for the samples. The LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

ARCO Products Company

Division of AtlanticRichfieldCompany

Task Order No. **2111-93-1**

Chain of Custody

ARCO Facility no. **2111** City (Facility) **Oakland** Project manager (Consultant) **Joel Coffman**
 ARCO engineer **Michael Whelan** Telephone no. (415) 571-2449 (ARCO) Telephone no. (510) 352-4800 (Consultant) Fax no. (510) 785-1089 (Consultant)
 Consultant name **GeoStatejes Inc.** Address (Consultant) **2140 W. Winton Ave., Hayward, CA 94545**

Laboratory name **Sevjoia**
 Contract number **07-073**

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX 602/EPA 6020	BTEX/TPH EPA 1602/8020/8015	TPH Modified 8015 Gas <input type="checkbox"/> Diesel <input type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/>	TPH EPA 418.1/SN503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCUP Metals <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals <input type="checkbox"/> VOA <input type="checkbox"/>	CAM Metals EPA 6010/7000 TLIC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Cr6/DHS <input type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>	Fuel Fingerpr. <input type="checkbox"/>	by analytical oil	
			Soil	Water	Other	Ice	Acid																	
S 7-HL		1	X			X	8/30/93																X	
S 7.2-HL		1	X			X																	X	
S 8-HL		1	X			X																	X	
S 9-HL		1	X			X																	X	

Method of shipment **7307513**

Special detection Limit/reporting

Special QA/QC

Remarks

Lab number

Turnaround time
 Priority Rush 1 Business Day
 Rush 2 Business Days
 Expedited 5 Business Days
 Standard 10 Business Days

Condition of sample: **Good** Temperature received: **cool**
 Relinquished by sampler **Robert C. England** Date **8/30/93** Time **1225** Received by **Frank Newcomb**
 Relinquished by **Frank Newcomb** Date **8/30/93** Time **1157** Received by
 Relinquished by **Frank Newcomb** Date **8/21/93** Time **1157** Received by laboratory



San Francisco Region
San Mateo, CA

Date: 10/12/93

To: JUDY MASON - CERAITOS

From: Michael R. Whelan

RE: #2111

phone 571 2449

- Approval
- Handling
- Note
- Note and return
- Per your request
- Your comment
- Your information
- Your signature
- Your file

JUDY -
HERE IS A COPY OF
LETTER REPORT FOR HOIST REMOVAL
AT #2111 IN SAN LEANDRO & OUR
CONTRACTOR'S CONVERSATION RECORD
W/ ROBERT WESTON OF ALAMEDA
COUNTY. WE HAVE NOT
SUBMITTED THE REPORT TO ANY
AGENCY NOR HAVE WE SUBMITTED
A LEAK REPORT. PLEASE LET ME
KNOW ENV. COMPLIANCE'S DECISION
AS TO TREATING HYDRAULIC OIL
AS A REGULATED SUBSTANCE. Mike W.

October 12, 1993

Log of Telephone Conversation Between Rob Weston of the Alameda County Health Care Services Agency and Joel Coffman of GeoStrategies on August 16, 1993.

8-16-93 Phoned Rob Weston of the ACHCSA again, got through to operator, he was away from his desk, they paged Mr. Weston, he said the hoist was not a regulated fixture, that he did not want to be present when it was replaced, no sampling is required as this is an unregulated fixture and not treated as a tank replacement etc... He said he had told the lady at ARCO (he talked to two different ladies, one who was about to leave for vacation, and clearly explained all this to them - no problem) that it would possibly be prudent if it were sampled now as in the future, should the property be sold and a phase 2 investigation be performed (and contamination found) that it would be cheaper to dig the stuff out now instead of 10 years down the road. Also, Mr. Weston said that if sampled now, it would be fine to sample for only hydraulic oil and that no report is required (but it may be good to file a report into the public record). All in all, this is a grey area but the hoist is unregulated so proceed as ARCO wishes. jc