

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



F

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

May 29, 2007

Mr. Paul Supple
Atlantic Richfield
PO Box 1257
San Ramon, CA 94583

Subject: Fuel Leak Case No. RO0000190, ARCO #2162, 15135 Hesperian Boulevard, San Leandro, CA

Dear Mr. Supple:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site and the document entitled, "Work Plan for On-Site Soil and Groundwater Investigation," dated May 15, 2007 and prepared on your behalf by Broadbent and Associates, Inc. The Work Plan proposes the installation of five soil borings located throughout the site. The soil borings were requested to complete site characterization prior to consideration of the site for regulatory closure.

ACEH generally concurs with the proposed scope of work and requests that you perform the proposed work and send us the reports described below.

TECHNICAL COMMENTS

1. **Soil Boring Locations.** ACEH has reviewed the soil boring locations as proposed in the Work Plan and we agree with the five proposed soil boring locations.
2. **Soil Sampling and Analysis.** Grab groundwater sampling conducted in conjunction with the investigation shall be analyzed for TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please present the results from groundwater sampling in the soil and groundwater investigation (SWI) report requested below.
3. **Groundwater Monitoring and Sampling.** Grab groundwater sampling conducted in conjunction with the investigation shall be analyzed for TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please present the results from groundwater sampling SWI report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **July 30, 2007** – Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

Mr. Paul Supple
May 29, 2007
Page 3

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767

Sincerely,



Steven Plunkett
Hazardous Materials Specialist

cc: Tom Venus
Broadbent and Associates, Inc.
1324 Mangrove Avenue, Suite 212
Chico, CA 95926

Donna Drogos, ACEH, Steven Plunkett, ACEH, File

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

F

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

April 5, 2007

Mr. Paul Supple
Atlantic Richfield
PO Box 1257
San Ramon, CA 94583

Subject: Fuel Leak Case No. RO0000190, ARCO #2162, 15135 Hesperian Boulevard, San Leandro, CA

Dear Mr. Supple:

Alameda County Environmental Health (ACEH) staff have reviewed the case file and the recently submitted report entitled, "Third Quarter 2006 Annual Groundwater Monitoring Report," dated October 27, 2006 and prepared on your behalf by Broadbent Associates, Inc. During the case closure review process, ACEH has determined that in order to facilitate site closure an additional soil and groundwater investigation is required.

Our request is based on the conclusion that separate phase petroleum hydrocarbon (SPH) contamination was detected during the preliminary tank assessment, while subsequent UST removal and confirmation soil sampling detected concentrations of up to 1000 mg/kg and 2.3 mg/kg of TPHg and benzene, respectively. Furthermore, excavation and confirmation soil sampling performed in conjunction with the fuel dispenser and product line upgrade detected elevated concentrations of petroleum hydrocarbons in shallow soil.

Based on ACEH staff review of the case file, we request that you address the following technical comments and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Soil Boring Locations.** During the preliminary UST assessment, SPH was observed in soil borings B3 and B4 at 7.5 feet bgs. at concentrations of up to 2,400 mg/kg TPHg and 17 mg/kg benzene, respectively. The soil borings were located to the southeast and southwest of the tank pit. The lack of soil and groundwater data immediately down gradient of the UST tank pit and dispenser island must be evaluated prior to considering the site for regulatory case closure. Furthermore, the linear separation between monitoring well MW-3 and MW-4, approximately 60 feet, combined with groundwater analytical data from the monitoring wells indicate the dissolved contamination plume has not been defined between the monitoring wells. Specifically, the presence of TPHg and benzene in VM1 and the lack of analytical data for VM2 demonstrate that additional sampling is warranted.

Therefore, ACEH request five soil borings be advanced on site. Two soil borings shall be placed adjacent to the UST tank pit; one soil boring shall be placed slightly southeast of the tank pit, while one soil boring shall be placed slightly southwest of the tank pit. In addition, one

soil boring shall be located downgradient of the former waste oil tank and slightly west of the dispenser island. Lastly, two soil borings shall be located adjacent to the southern property line equidistant between MW-4 and VM2.

If soil and groundwater analytical data indicate that petroleum hydrocarbon contamination is not a concern at your site, it is likely ACEH will move the case toward closure. However, if current soil and groundwater quality data indicate that elevated concentrations of petroleum hydrocarbons exist, further investigation may be necessary. Please prepare a Work Plan that details your proposal to evaluate soil and groundwater contamination.

2. **Soil Sampling and Analysis.** Grab groundwater sampling conducted in conjunction with the investigation shall be analyzed for TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please present the results from groundwater sampling in the soil and groundwater investigation (SWI) report requested below.
3. **Groundwater Monitoring and Sampling.** Grab groundwater sampling conducted in conjunction with the investigation shall be analyzed for TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please present the results from groundwater sampling SWI report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **May 15, 2007** – Work Plan
- **July 15, 2007** – Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the

requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

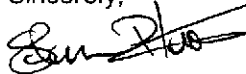
AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767

Mr. Paul Supple
April 3, 2007
Page 4

Sincerely,



Steven Plunkett
Hazardous Materials Specialist

cc: Mr. Tom Venus
Broadbent Associates, Inc.
1324 Mangrove Avenue, Suite 212
Chico, CA 95926

Donna Drogos, ACEH, Steven Plunkett, ACEH, File

PO 190

FORM LETTER: Sole Landowner

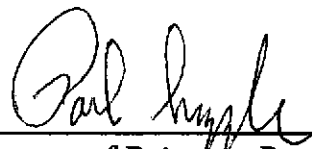
DATE: 11/17/2006

Alameda County
NOV 17 2006
Environmental Health

SUBJECT: CERTIFIED SOLE LANDOWNER FOR
15135 Hesperian Blvd., SAN LEANDRO, CA
(Site Street Address)

In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I hereby certify that I am the sole landowner for the site captioned above.

Sincerely,



Signature of Primary Responsible Party

Printed Name and Mailing Address of
Primary Responsible Party:

Paul Supple
BP West Coast Products LLC
P.O. Box 1257
SAN RAMON, CA 94583

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

October 31, 2006

Mr. Paul Supple
BP West Coast Products LLC
PO Box 6459
Moraga, CA 94570

Subject: Fuel Leak Case No. ~~FO0000190~~, ARCO #2162, 15135 Hesperian Boulevard, San Leandro, CA

Dear Mr. Supple:

The fuel leak case file for the above-referenced site is under review for case closure by Alameda County Environmental Health (ACEH). If case closure is approved, the fuel leak case will be closed with the following site management requirement:

"Case closure for the fuel leak site is granted for commercial land use only. If a change in land use to residential or other conservative scenario occurs at this property, Alameda County Environmental Health must be notified and the case needs to be re-evaluated. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination posing a nuisance for subsurface utility work."

Please provide the certification requested below in the Landowner Notification Requirements that you have notified all responsible landowners of the request for case closure or that you are the sole landowner.

LANDOWNER NOTIFICATION REQUIREMENTS

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site.

For you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;
2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and

4. Update your mailing list of all record fee title holders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure*.

Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:

A. *In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):*

cleanup proposal (Corrective Action Plan)

request for case closure

local agency intention to make a determination that no further action is required

local agency intention to issue a closure letter

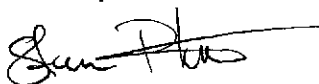
- OR -

B. *In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*

(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)

If you have any questions, please call me at (510) 383-1767

Sincerely,



Steven Plunkett
Hazardous Materials Specialist

cc: Mr. Tom Venus
Broadbent Associates, Inc.
1324 Mangrove Avenue, Suite 212
Chico, CA 95926

Donna Drogos, ACEH
Steven Plunkett, ACEH
File



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872



Alameda County
FEB 01 2006
Environmental Health

January 16, 2006

Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #6148
5131 Shattuck Avenue
Oakland, California
ACEH Case #3626

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

Submitted by:

Paul Supple
Environmental Business Manager



January 16, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #6148
5131 Shattuck Avenue
Oakland, California
ACEH Case #3626**

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Fourth Quarter 2005 Quarterly Status Report* for the ARCO Service Station #6148, located at 5131 Shattuck Avenue, Oakland, California.

If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson, P.G.
Project Manager



Enclosure: Fourth Quarter 2005 Quarterly Status Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS

Date: January 16, 2006
Quarter: 4Q 05

ANNUAL 2005 GROUNDWATER MONITORING REPORT

Facility No.: 6148 Address: 5131 Shattuck Avenue, Oakland, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Primary Agency: Alameda County Environmental Health (ACEH)
ACEH Case #: 3626

WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. No environmental work was conducted at the site during the fourth quarter 2005.
2. Prepared and submitted this Fourth Quarter 2005 Quarterly Status Report.

WORK PROPOSED FOR NEXT QUARTER (First – 2006):

1. No environmental work is expected for the site during the first quarter 2006.
2. Prepare and submit First Quarter 2006 Quarterly Status Report.

SITE SUMMARY:

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: Annually (3rd Quarter): MW-1 to MW-7
Frequency of Groundwater Monitoring: Annually
Is Free Product (FP) Present On-Site: No
Current Remediation Techniques: None
Previous Remediation Techniques: Soil Vapor Extraction (Shut down 1st quarter 1999), Air-Sparge and Air-Bubbling Systems
Bulk Soil Removed to Date: 560 cubic yards
Approximate Depth to Groundwater: 14.29 (MW-6) to 17.76 (MW-1) feet
Groundwater Gradient (direction): Southwest
Groundwater Gradient (magnitude): 0.02 feet per foot



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

January 16, 2006

**Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #5387
20200 Hesperian Boulevard
Hayward, California
ACEH Case No. 817**

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

Submitted by:

Paul Supple
Environmental Business Manager



January 16, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #5387
20200 Hesperian Boulevard
Hayward, California
ACEH Case No. 817**

Dear Mr. Hwang:

On behalf of the Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Fourth Quarter 2005 Quarterly Status Report* for ARCO Service Station #5387, located at 20200 Hesperian Boulevard, Hayward, California.

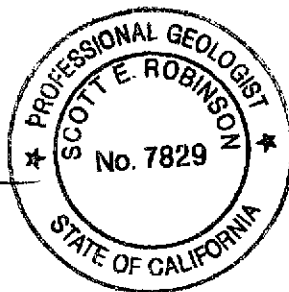
Case Closure was requested in the Soil Gas Investigation Report submitted to ACEH on March 3, 2005 and URS is currently awaiting the agency's response.

If you have any questions regarding this submission, please call me at (510) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson, P.G.
Project Manager



Enclosure: Third Quarter 2005 Groundwater Monitoring Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS

Date: January 16, 2006
Quarter: 4Q05

THIRD QUARTER 2005 GROUNDWATER MONITORING REPORT

Former Facility No.: 5387 Address: 20200 Hesperian Boulevard, Hayward, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Primary Agency: Alameda County Environmental Health (ACEH)
ACEH Case No.: 817

WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. No environmental work was conducted at the site during the fourth quarter 2005.
2. Prepared and submitted this Fourth Quarter 2005 Quarterly Status Report.

WORK PROPOSED FOR NEXT QUARTER (First – 2006):

1. Perform first semi-annual 2006 groundwater monitoring event.
2. Prepare and submit first semi-annual 2006 groundwater monitoring report.

SITE SUMMARY:

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: PREVIOUS SCHEDULE:
Quarterly: Wells MW-1, MW-2, AR-1, AR-2, and A-7
Semiannually (1st & 3rd quarters): Wells A-4, A-5, A-8, and A-9
Annually (3rd quarter): Wells MW-3, A-6, and A-10
CURRENT SCHEDULE (BEGINNING 4TH QUARTER 2005):
Semiannually (1st & 3rd quarters): Wells MW-1 and MW-2
Annually (3rd quarter): A-7, AR-1, and AR-2
Frequency of Groundwater Monitoring: Semiannually: All wells
Is Free Product (FP) Present On-Site: No
Current Remediation Techniques: None
Approximate Depth to Groundwater: 9.25 ft (MW-3) to 13.10 ft (A-7)
Groundwater Gradient (direction): West
Groundwater Gradient (magnitude): 0.006 feet per foot

DISCUSSION:

Case Closure was requested in the Soil Gas Investigation Report submitted to ACEH on March 3, 2005 and URS is currently awaiting the agency's response.



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872



Alameda County
FEB 01 2006
Environmental Health

January 16, 2006

Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #4494
566 Hegenberger Road
Oakland, California
ACEH Case No. 3854

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

Submitted by:

Paul Supple
Environmental Business Manager



January 16, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #4494
566 Hegenberger Road
Oakland, California
ACEH Case No. 3854**

Dear Mr. Hwang:

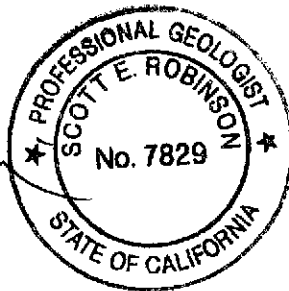
On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Fourth Quarter 2005 Quarterly Status Report* for ARCO Service Station #4494, located at 566 Hegenberger Road, Oakland, California.

If you have any questions regarding this submission, please call me at (510) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson, P.G.
Project Manager



Enclosure: Fourth Quarter 2005 Groundwater Monitoring Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS

Date: January 16, 2006
Quarter: 4Q 05

THIRD QUARTER 2005 GROUNDWATER MONITORING REPORT

Facility No.: 4494 Address: 566 Hegenberger Road, Oakland, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Primary Agency/Regulatory ID No. Alameda County Environmental Health (ACEH)
ACEH Case #: 3854

WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. No environmental work was conducted at the site during the fourth quarter 2005.
2. Prepared and submitted this Fourth Quarter 2005 Quarterly Status Report.

WORK PROPOSED FOR NEXT QUARTER (First – 2006):

1. Perform first semi-annual 2006 groundwater monitoring event.
2. Prepare and submit first semi-annual 2006 groundwater monitoring report.

SITE SUMMARY:

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: CURRENT:
Quarterly: MW-1 and MW-7
Semi-annually (1st & 3rd quarters): MW-3 to MW-6, and RW-1
NEW (Fourth Quarter 2005):
Semi-annually (1st & 3rd quarters): MW-1 and MW-6
Annually (3rd quarter): MW-3 to MW-5, and RW-1
Frequency of Groundwater Monitoring: Quarterly; changes to Semi-annually in Fourth Quarter 2005
Is Free Product (FP) Present On-Site: No
Bulk Soil Removed to Date: 1,550 cubic yards
Current Remediation Techniques: None
Approximate Depth to Groundwater: 6.19 (MW-6) to 9.31 (MW-3) feet
Groundwater Gradient (direction): Northwest (onsite)
Groundwater Gradient (magnitude): 0.02 feet per foot



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

January 16, 2006

Re: **Fourth Quarter 2005 Quarterly Status Report**
ARCO Service Station #2185
9800 East 14th Street
Oakland, California
URS Project #38487030

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

Submitted by:

Paul Supple
Environmental Business Manager

January 16, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

**Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #2185
9800 East 14th Street
Oakland, California
URS Project #38487030**

Dear Mr. Hwang:

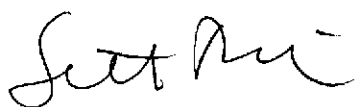
On behalf of Atlantic Richfield Company, a BP affiliated Company, URS Corporation (URS) is submitting the *Fourth Quarter 2005 Quarterly Status Report* for the ARCO Service Station #2185, located at 9800 East 14th Street, Oakland, California.

Case Closure was requested on November 10, 2004 from the ACEH, and URS is currently awaiting the agency's response.

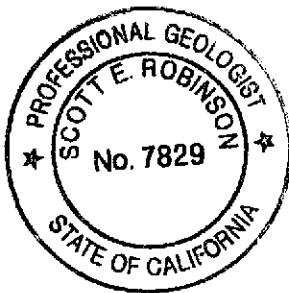
If you have any questions regarding this submission, please call at (510) 874-3280.

Sincerely,

URS CORPORATION



Scott Robinson, P.G.
Project Manager



Enclosure: Fourth Quarter 2005 Quarterly Status Report

cc: Mr. Paul Supple, RM, electronic copy uploaded to ENFOS

Date: January 16, 2006
Quarter: 4Q 05

FOURTH QUARTER 2005 QUARTERLY STATUS REPORT

Facility No.: 2185 Address: 9800 East 14th Street, Oakland, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Consultant Project No.: 38487030
Primary Agency: Alameda County Environmental Health (ACEH)

WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. No environmental work was conducted at the site during the fourth quarter 2005.
2. Prepared and submitted this Fourth Quarter 2005 Quarterly Status Report.

WORK PROPOSED FOR NEXT QUARTER (First – 2006):

1. No environmental work is expected for the site during the first quarter 2006.
2. Prepare and submit First Quarter 2006 Quarterly Status Report.

DISCUSSION:

Case Closure was requested on November, 10, 2004 from the ACEH, and URS is currently awaiting the response.



January 16, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

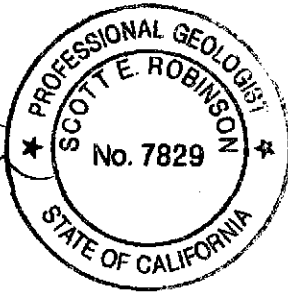
**Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #2169
889 West Grand Avenue
Oakland, California
ACEH Case #3793**

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the Fourth Quarter 2005 Quarterly Status Report for ARCO Service Station #2169, located at 889 West Grand Avenue, Oakland, California.

If you have any questions regarding this submission, please call at (510) 874-3280.

Sincerely,
URS CORPORATION



Scott Robinson, P.G.
Project Manager

Enclosure: Fourth Quarter 2005 Quarterly Status Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS



January 16, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

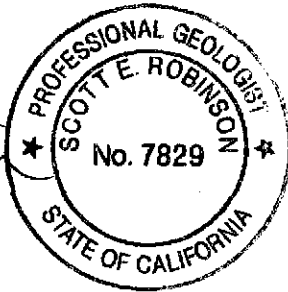
**Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #2169
889 West Grand Avenue
Oakland, California
ACEH Case #3793**

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the Fourth Quarter 2005 Quarterly Status Report for ARCO Service Station #2169, located at 889 West Grand Avenue, Oakland, California.

If you have any questions regarding this submission, please call at (510) 874-3280.

Sincerely,
URS CORPORATION



Scott Robinson, P.G.
Project Manager

Enclosure: Fourth Quarter 2005 Quarterly Status Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS

Date: January 16, 2006
Quarter: 4Q 05

FOURTH QUARTER 2005 QUARTERLY STATUS REPORT

Facility No.: 2169 Address: 889 West Grand Avenue, Oakland, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Primary Agency: Alameda County Environmental Health (ACEH)
ACEH Case No.: 3793

WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. No environmental work was conducted at the site during the fourth quarter 2005.
2. Prepared and submitted this Fourth Quarter 2005 Quarterly Status Report.

WORK PROPOSED FOR NEXT QUARTER (First – 2006):

1. Perform first semi-annual 2006 groundwater monitoring event.
2. Prepare and submit first semi-annual 2006 Groundwater Monitoring Report.

SITE SUMMARY:

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: Semi-Annually (1st and 3rd Quarters): A-1, A-5, A-6 and ADR-1
Annual: (3rd Quarter): A-2, AR-1, AR-2, ADR-2
Frequency of Groundwater Monitoring: Semi-Annually
Is Free Product (FP) Present On-Site: No
FP Recovered this Quarter: None- Soil Vapor Extraction System shut-down in December 2001
Cumulative FP Recovered to Date: 4.8 gallons, wells ADR-1 and ADR-2
Bulk Soil Removed This Quarter: None
Bulk Soil Removed to Date: 2,196 cubic yards of TPH impacted soil
Current Remediation Techniques: None
Approximate Depth to Groundwater: 10.11 (A-5) to 12.03 (A-3) feet
Groundwater Gradient (direction): West
Groundwater Gradient (magnitude): 0.004 feet per foot



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

Alameda County
FEB 01 2006
Environmental Health



RECEIVED
FEB 01 2006
ENVIRONMENTAL HEALTH SERVICES

January 16, 2006

Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #2162
15135 Hesperian Boulevard
San Leandro, California
ACEH Case #1259

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

Submitted by:

Paul Supple
Environmental Business Manager

January 16, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

RECEIVED

FEB 01 2006

ENVIRONMENTAL HEALTH SERVICES

**Re: Fourth Quarter 2006 Quarterly Status Report
ARCO Service Station #2162
15135 Hesperian Boulevard
San Leandro, California
ACEH Case #1259**

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Fourth Quarter 2005 Quarterly Status Report* for the ARCO Service Station #2162, located at 15135 Hesperian Boulevard, San Leandro, California.

Case Closure was requested on June 3, 2004 from the ACEH, and URS is currently awaiting the agency's response.

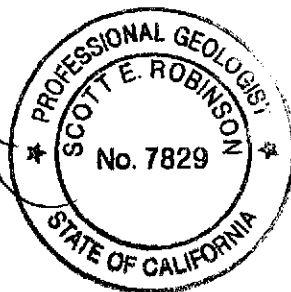
If you have any questions regarding this submission, please call me at (510) 874-3280.

Sincerely,

URS CORPORATION



Scott Robinson, P.G.
Project Manager



Enclosure: Fourth Quarter 2005 Quarterly Status Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Mr. Mike Bakaldin, City of San Leandro Environmental Services Division, electronic copy
uploaded to GeoTracker

Date: January 16, 2006
Quarter: 4Q 05

FOURTH QUARTER 2005 QUARTERLY STATUS REPORT

Facility No.: 2162 Address: 15135 Hesperian Boulevard, San Leandro, CA
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Primary Agency: Alameda County Environmental Health (ACEH)
ACEH Case #: 1259

WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. No environmental work was conducted at the site during the fourth quarter 2005.
2. Prepared and submitted this Fourth Quarter 2005 Quarterly Status Report.

WORK PROPOSED FOR NEXT QUARTER (First – 2006):

1. No environmental work is expected for the site during the first quarter 2006.
2. Prepare and submit First Quarter 2006 Quarterly Status Report.

SITE SUMMARY:

Current Phase of Project: Groundwater monitoring/sampling
Frequency of Groundwater Sampling: Annually (3rd quarter): MW-3, MW-4
Frequency of Groundwater Monitoring: Annually
Is Free Product (FP) Present On-Site: No
Current Remediation Techniques: None
Approximate Depth to Groundwater: 7.40 (MW-2) to 8.58 ft (MW-4) feet
Groundwater Gradient (direction): Southeast
Groundwater Gradient (magnitude): 0.002 feet per foot

DISCUSSION:

Case Closure was requested on June 3, 2004 from the ACWD, and URS is currently awaiting the response.



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872



Alameda County
FEB 01 2006
Environmental Health

January 16, 2006

Re: Fourth Quarter 2005 Quarterly Status Report
Atlantic Richfield Company Service Station #2112
1260 Park Street
Alameda, California
URS Project #38487024

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

Submitted by:

Paul Supple
Environmental Business Manager



January 16, 2006

Mr. Don Hwang
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

**Re: Fourth Quarter 2005 Quarterly Status Report
Atlantic Richfield Company Service Station #2112
1260 Park Street
Alameda, California
URS Project #38487024**

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company, a BP affiliated Company, URS Corporation (URS) is submitting the *Fourth Quarter 2005 Quarterly Status Report* for the Atlantic Richfield Company Service Station #2112, located at 1260 Park Street, Alameda, California.

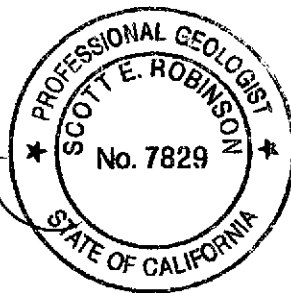
Case Closure was requested on November 20, 1996 from the ACEH, and URS is currently awaiting the agency's response.

If you have any questions regarding this submission, please call at (510) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson, P.G.
Project Manager



Enclosure: Fourth Quarter 2005 Quarterly Status Report

cc: Mr. Paul Supple, RM, (electronic copy uploaded to ENFOS)

Date: January 16, 2006
Quarter: 4Q 05

FOURTH QUARTER 2005 QUARTERLY STATUS REPORT

Facility No.: 2112 Address: 1260 Park Street, Alameda, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Consultant Project No.: 38487024
Primary Agency: Alameda County Environmental Health (ACEH)

WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. No environmental work was conducted at the site during the fourth quarter 2005.
2. Prepared and submitted this Fourth Quarter 2005 Quarterly Status Report.

WORK PROPOSED FOR NEXT QUARTER (First – 2006):

1. No environmental work is expected for the site during the first quarter 2006.
2. Prepare and submit First Quarter 2006 Quarterly Status Report.

DISCUSSION:

Case Closure was requested on November, 20, 1996 from the ACEH, and URS is currently awaiting the response.



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

Alameda County
FEB 01 2006
Environmental Health



January 16, 2006

Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #0771
899 Rincon Avenue
Livermore, California
ACEH Case No. 3873

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

Submitted by:

Paul Supple
Environmental Business Manager



January 16, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

**Re: Fourth Quarter 2005 Quarterly Status Report
ARCO Service Station #0771
899 Rincon Avenue
Livermore, California
ACEH Case No. 3873**

Dear Mr. Hwang:

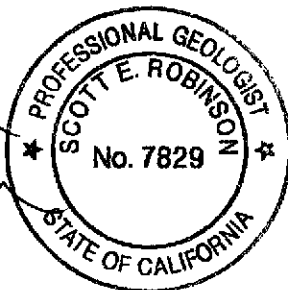
On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Fourth Quarter 2005 Quarterly Status Report* for ARCO Service Station #0771, located at 899 Rincon Avenue, Livermore, California.

If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson, P.G.
Project Manager



Enclosure: Fourth Quarter 2005 Quarterly Status Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Mr. Paul M. Smith, Livermore-Pleasanton Fire Department, 3560 Nevada Street, Pleasanton,
CA 94566
Mr. Chuck Headlee, Regional Water Quality Control Board (RWQCB), electronic copy
uploaded to RWQCB ftp site and to the GeoTracker database

Date: January 16, 2006
Quarter: 4Q 05

FOURTH QUARTER 2005 QUARTERLY STATUS REPORT

Facility No.: 0771 Address: 899 Rincon Avenue, Livermore, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Primary Agency: Alameda County Environmental Health (ACEH)
ACEH Case No.: 3873

WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. No environmental work was conducted at this site during the Fourth Quarter 2005.
2. Prepared and submitted this Fourth Quarter 2005 Quarterly Status Report.

WORK PROPOSED FOR NEXT QUARTER (First– 2006):

1. Perform first semi-annual 2006 groundwater monitoring event.
2. Prepare and submit first semi-annual 2006 groundwater monitoring report.
3. Installation of Bio-Sparge System.

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: Semi-Annual (1st/3rd Qtr): MW-4, MW-7, RW-1
Annual (3rd Qtr): MW-2, MW-5, MW-6, MW-11, VW-1
Frequency of Groundwater Monitoring: Semi-annual
Is Free Product (FP) Present On-Site: No
Cumulative FP Recovered to Date : 3.06 gallons, Wells MW-1, MW-2, and MW-5
FP Recovered This Quarter : None (FP was last recovered in 1992)
Bulk Soil Removed to Date : 1,700 cubic yards of TPH-impacted soil
Current Remediation Techniques: None
Approximate Depth to Groundwater: 22.50 (VW-1) to 31.14 (MW-8) feet
Groundwater Gradient (direction): Northeast and Southwest
Groundwater Gradient (magnitude): 0.05 and 0.02 feet per foot

Atlantic Richfield Company

Paul Supple

Environmental Business Manger

Post Office Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872
E-Mail: supplpv@bp.com

May 10, 2005

Alameda County
MAY 19 2005
Environmental Health

Mr. Robert Schultz
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: SWRCB Case Closure Acceleration Request
ARCO Site 2162 – 15135 Hesperian Boulevard, San Leandro, California


Dear Mr. Schultz:

Atlantic Richfield Corporation has recently reviewed the attached letter regarding case closure acceleration from the State Water Resources Control Board dated April 13, 2005. We anticipate that your agency may wish to prioritize closure reviews in the coming weeks, and we would like to support and assist you with any closure efforts being made on our sites. To this end, we would like to present ARCO Site 2162, located at 15135 Hesperian Boulevard in San Leandro, as a site that we believe to be eligible for closure at this time. A closure request has previously been made on this case in June 2004.

We are happy to meet with you and your staff at your earliest convenience to discuss what additional steps we might take to facilitate closure review on this case. Please consider this offer to be in the spirit of collaboration and with the good intent to move all of our cases forward together.

Please feel free to call me at (925) 299-8891.

Sincerely,


Paul Supple

Atlantic Richfield Corporation

CC: SWRCB

Attachment: State Water Resources Control Board Letter



State Water Resources Control Board

Division of Water Quality

1001 I Street • Sacramento, California 95814 • (916) 341-5782
Mailing Address: P.O. Box 2231 • Sacramento, California • 95812
FAX (916) 341-5808 • Internet Address: <http://www.waterboards.ca.gov>



Arnold Schwarzenegger
Governor

~ Sent Via Email ~

April 13, 2005

To: All Local Oversight Program (LOP) Managers

LEAKING UNDERGROUND STORAGE TANK (LUST) PROGRAM - CASE CLOSURE ACCELERATION

As you are aware, from discussions at LOP Roundtable meetings, USEPA is focusing on case closure as a priority for the LUST Program. Although not specifically itemized in your LOP Contract budget, a portion of your contract funds for FY 2004/2005 is intended to be used to increase the number of case closures.

We have spoken numerous times about case closure. It is widely understood that most agencies have sites that have met case closure standards, but have not received closure certification (Task 9 in the Scope of Work).

We would appreciate that you accelerate the closure process on sites already identified as meeting closure criteria. We understand that other site work may need to be deferred until after June 30, 2005 during this acceleration effort.

If you have any questions please contact Mr. Kevin Graves at (916) 341-5782.

Sincerely,

[Original Signed By]

Elizabeth L. Haven, Manager
Underground Storage Tank Program

4/13/05 11:00 AM
2005 APR 13 11:00 AM
SACRAMENTO COUNTY

California Environmental Protection Agency



SOS

RW 190

URS

LETTER OF TRANSMITTAL

Alameda County

MAY 07 2003

Environmental Health

May 5, 2003

TO: Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

FROM: Henry Barrientos
URS Corporation
55 South Market Street, Suite 1500
San Jose, CA 95113

SUBJECT: Final Soil Sampling report for Arco Station 2162

Enclosed you will find one copy of the Soil Sampling Report for the line/dispenser upgrade work performed at Arco Station 2162 in San Leandro, CA. Should you have any questions regarding this report please call me at 408-297-9585.

Regards,

Cc: Scott Robinson, URS
Paul Supple, BP
Karl Busche, City of San Leandro EHS

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

October 30, 2002

RO 190

Mr. Paul Supple
Atlantic Richfield Company
P.O. Box 6549
Moraga, CA 94570

RE: ARCO Service Station #2162, 15135 Hesperian Boulevard, San Leandro - Request for Total Fuel Oxygenate Analyses

Dear Mr. Supple:

The case file for the referenced site was recently reviewed, up to and including the June 2002 Delta Environmental, Inc. 1st quarter 2002 sampling report. This review was primarily conducted to identify the current suite of target compounds sought in water samples collected from the various wells within the network. Our review revealed that a number of potential fuel oxygenates may not have been sought historically from samples collected from these wells.

Please direct your consultant to analyze all samples collected during the next scheduled sampling event for the presence of total fuel oxygenates (MtBE, TAME, EtBE, DIPE, and TBA) and lead scavengers (EDB and 1,2-DCA / EDC) using EPA Method 8260. Such expanded analyses may be required to continue depending upon what is found.

In addition, you are reminded that all reports for this case, as well as all other ARCO cases, are to be submitted under ARCO cover that is signed, under penalty of perjury, by the official ARCO project representative.

Please contact me at (510) 567-6783 should you have any questions.

Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB
Michael Bakaldin, San Leandro Hazardous Materials Program
Steven Meeks, Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Ste. 200, Rancho Cordova, CA 95670-6021

ARCO Products Company

4 Centerpointe Drive
La Palma, California 90623-1066
Telephone 714 670 5300

Mailing Address: Box 5077
Buena Park, California 90622-5077



June 24, 1999

Scott Seery
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: New Law Requiring Notification of All Current Owners of Fee Title of
Proposed Cleanup of Closure**

Dear Mr. Seery:

ARCO has received your letter, dated May 7, 1999, concerning Assembly Bill 681. Your letter requested that I provide you with a mailing list of all record fee owners for ARCO facility #2162, 15135 Hesperian Boulevard, San Leandro, California. I researched the property ownership for this site and found that ARCO facility #2162 is owned by ARCO.

Please call me at (925) 299-8891 if you have any questions concerning this letter.

Sincerely,

Paul Supple
Environmental Engineer

cc: Glen VanderVeen, Pinnacle Environmental Solutions

69 JUN 25 PM 3:52
ENVIRONMENTAL
PROTECTION

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

May 7, 1999

STID 1259

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

RE: ARCO Service Station #2162, 15135 Hesperian Boulevard, San Leandro

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Supple:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION

Re: 15135 Hesperian Blvd., San Leandro

May 7, 1999

Page 2 of 2

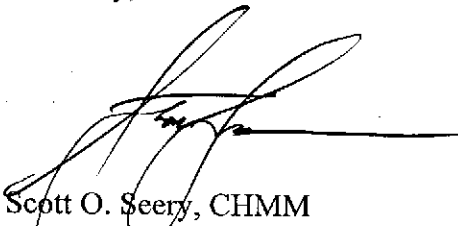
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB
Mike Bakaldin, San Leandro Hazardous Materials Program

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I am the sole landowner for the above site.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

Name of local agency
Street address
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY
FOR *(Site Name and Address)*

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, *(name of primary responsible party)*, certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no further action is required
- local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

ARCO Products Company

Post Office Box 612530
San Jose, California 95161

Environmental Remediation

ENVIRONMENTAL
PROTECTION

96 APR 16 PM 1:19



Date: April 15, 1996

Re: ARCO Station No. 2162
15135 Hesperian Boulevard
San Leandro, California

"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:

Michael R. Whelan
Environmental Engineer



PACIFIC
ENVIRONMENTAL
GROUP, INC.

April 15, 1996
Project 330-107.9A

Mr. Scott Seary
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Response Letter
ARCO Service Station 2162
15135 Hesperian Boulevard
San Leandro, California

Dear Mr. Seary:

This letter, prepared by Pacific Environmental Group, Inc. (PACIFIC) on behalf of ARCO Products Company (ARCO), provides a response to the Alameda County Health Care Services Agency (ACHCSA) letter to ARCO dated February 23, 1996. As part of the response, this letter rescinds the June 7, 1993 Work Plan prepared and submitted by RESNA for additional on- and off-site assessment. The reasons to rescind the June 7, 1993 Work Plan are provided below.

- The on-site groundwater hydrocarbon plume is stable and petroleum hydrocarbon concentrations appear to be attenuating in all site wells through the natural biodegradation process. The decreasing trend is recognizable in the attached groundwater analytical data table and figure presented as Attachment A.
- During a meeting between ARCO, the ACHCSA, and RESNA in 1994, it was discussed that since Pacific Bell would not agree to reasonable encroachment language, it would not be an appropriate use of ARCO and ACHCSA resources to pursue the encroachment license process with Pacific Bell. This was based on the decreasing petroleum hydrocarbon concentrations in the wells and adequate source removal (during tank and line replacement activities).

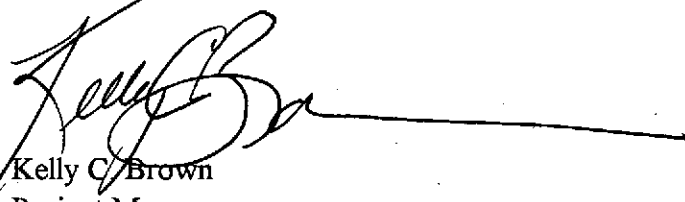
- The apparent separate-phase hydrocarbon (SPH) sheen noted in Well MW-4 during the April 14, 1993 groundwater monitoring event was not of a petroleum hydrocarbon constituent. Low levels of petroleum hydrocarbon concentrations collected during the previous and subsequent quarters are not indicative of SPH ever being present in Well MW-4 or in the vicinity. It was agreed during the meeting that the reported sheen was most likely an error on the part of the sampler and not indicative of a source.

On March 4, 1996, this information was discussed with you during a telephone conversation between you, myself, and Mr. Michael Whelan of ARCO. You requested that ARCO issue a letter responding to your February 23, 1996 letter. Therefore, on behalf of ARCO, PACIFIC requests that the June 7, 1993 Work Plan be rescinded, as agreed upon in 1994. ARCO will continue to document the natural attenuation of petroleum hydrocarbons in groundwater through the quarterly groundwater monitoring program.

If you have any questions, please call.

Sincerely,

Pacific Environmental Group, Inc.



Kelly C. Brown
Project Manager

Attachments: Attachment A - Site Groundwater Analytical Data and Figure

cc: Mr. Michael Whelan, ARCO Products Company
Mr. John Jang, Regional Water Quality Control Board - S.F. Bay Region

Table A-1
Historical Groundwater Analytical Data
Total Purgeable Petroleum Hydrocarbons
 (TPPH as Gasoline and BTEX Compounds)

ARCO Service Station 2162
 15135 Hesperian Boulevard at Ruth Court
 San Leandro, California

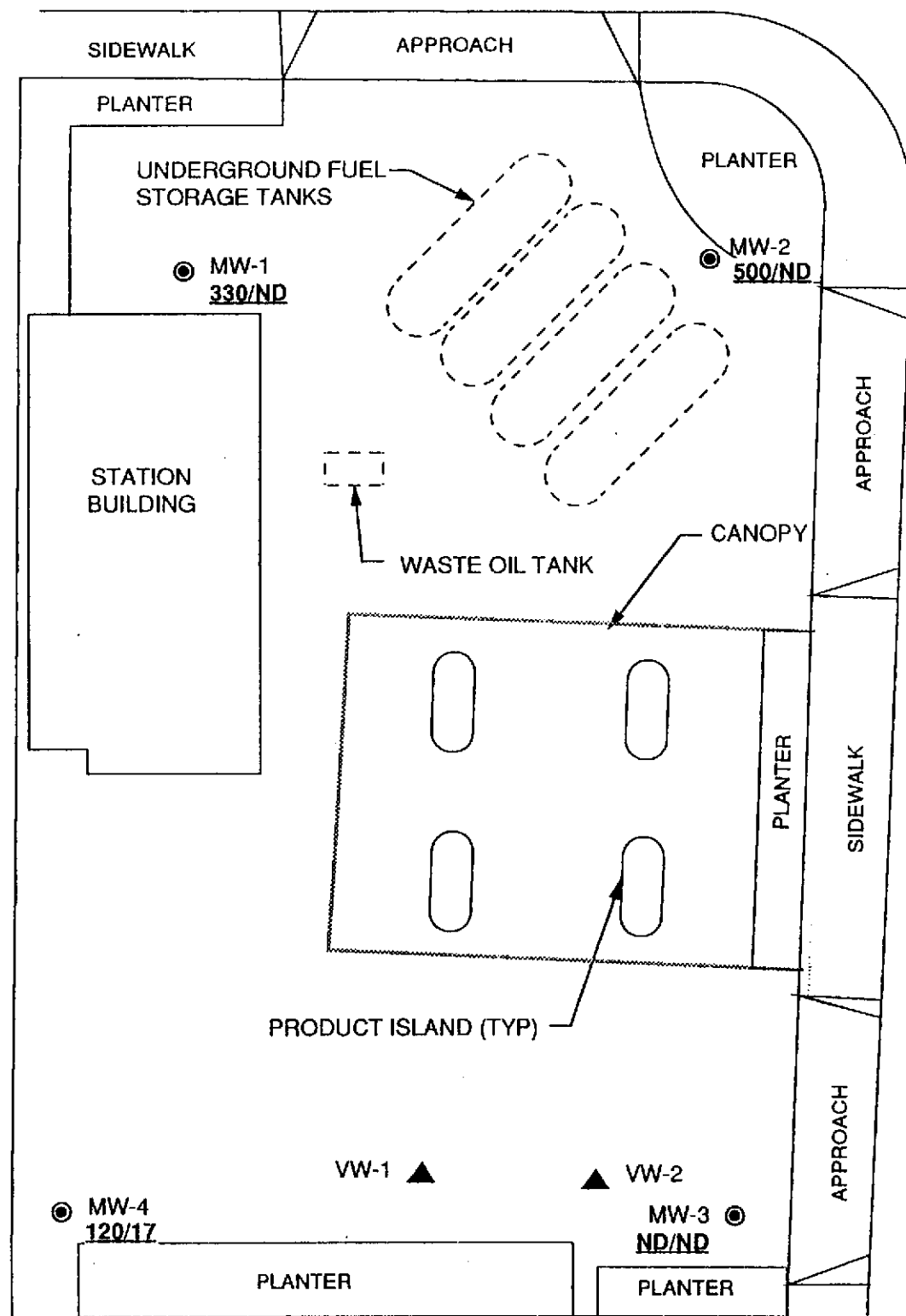
Well Number	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
MW-1	09/30/92	1,100	6.2	<0.50	6.9	<0.50
	10/16/92	790	3.0	0.8	5.6	2.9
	01/14/93	660	1.2	<1 a	15	4.6
	04/14/93	310	<1 a	<1 a	<1 a	
	08/11/93	660	0.8	<0.7	9.0	<1 b
	10/15/93	620	0.7	<0.5	5.9	2.2
	02/15/94	650	1.9	<0.5	4.5	4.9 b
	05/05/94	510	<0.5	<0.5	<1	1.6
	08/05/94	310	<0.5	<0.5	1.5	1.2
	11/21/94	330	<0.5	<0.5	1.5	1.1
	02/24/95	120	<0.50	<0.50	<0.50	<0.50
	05/31/95	<50	<0.50	<0.50	<0.50	<0.50
	08/23/95	160	<0.50	<0.50	<0.50	<0.50
	11/22/95	70	<0.50	<0.50	<0.50	<0.50
MW-2	09/30/92	1,000	9.6	<0.50	45	110
	10/16/92	630	8	<1 a	37	64
	01/14/93	7,800	33	5	340	920
	04/14/93	1,600	7	<5 a	220	520
	08/11/93	1,600	4.3	<1 a	80	120
	10/15/93	1,100	1.7	<1 a	62	70
	02/15/94	490	1.8	1.5	49	37
	05/05/94	360	<0.5	<0.5	27	18
	08/05/94	680	<0.5	<0.5	42	37
	11/21/94	500	<0.5	<0.5	40	25
	02/24/95	650	<0.50	<0.50	52	48
	05/31/95	450	<0.50	<0.50	33	33
	08/23/95	180	<0.50	<0.50	12	9.5
	11/22/95	88	<0.50	<0.50	2.1	1.3
MW-3	09/30/92	<50	<0.50	<0.50	<0.50	<0.50
	10/16/92	<50	<0.50	<0.50	<0.50	<0.50
	01/14/93	52	<0.50	<0.50	<0.50	<0.50
	04/14/93	360	86	2.1	5.1	4.0
	08/11/93	69	1.1	<0.5	<0.5	<0.5
	10/15/93	<50	<0.5	<0.5	<0.5	<0.5
	02/15/94	<50	<0.5	<0.5	<0.5	<0.5
	05/05/94	<50	<0.5	<0.5	<0.5	<0.5
	08/05/94	<50	<0.5	<0.5	<0.5	<0.5
	11/21/94	<50	<0.5	<0.5	<0.5	<0.5
	02/24/95	<50	0.93	<0.50	<0.50	<0.50
	05/31/95	120	24	<0.50	<0.50	<0.50
	08/23/95	85	<0.5	<0.5	<0.5	<0.5
	11/22/95	<50	<0.50	<0.50	<0.50	<0.50
MW-4	09/30/92	330	81	<0.50	<0.50	<0.50
	10/16/92	250	44	<0.50	<0.50	0.7
	01/14/93	260	29	0.6	<0.50	1.1
	04/14/93	NS	NS	NS	NS	NS
	08/11/93	150	21	<0.5	<0.5	<0.5
	10/15/93	190	12	<0.5	<0.5	<0.5
	02/15/94	<50	2.0	<0.5	<0.5	<0.5
	05/05/94	160	17	<0.5	<0.5	0.6
	08/05/94	120	10	<0.5	<0.5	<0.5
	11/21/94	120	17	<0.5	<0.5	0.6

Table A-1 (continued)
Historical Groundwater Analytical Data
 Total Purgeable Petroleum Hydrocarbons
 (TPPH as Gasoline and BTEX Compounds)

ARCO Service Station 2162
 15135 Hesperian Boulevard at Ruth Court
 San Leandro, California

Well Number	Date Sampled	TPPH as				
		Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)
MW-4 (cont.)	02/24/95	110	14	<0.50	<0.50	<0.50
	05/31/95	97	11	<0.50	<0.50	<0.50
	08/23/95	110	16	<0.50	<0.50	<0.50
	11/22/95	71	6.2	<0.50	<0.50	<0.50
ppb	= Parts per billion					
NS	= Not sampled, separate-phase hydrocarbon entered well during purging.					
a.	Raised MRL due to high analyte concentration requiring sample dilution					
b.	Raised MRL due to matrix interference					

RUTH COURT



LEGEND

- MW-4 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- VW-1 ▲ SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
- 120/17 TPH-g/BENZENE CONCENTRATION IN GROUNDWATER, IN PARTS PER BILLION, 11-21-94
- ND NOT DETECTED

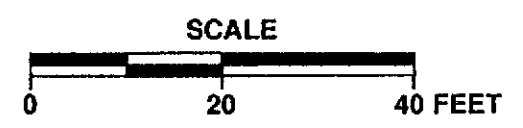


APPROXIMATE DIRECTION OF GROUNDWATER FLOW

SOURCE: MAP BY RESNA



PACIFIC ENVIRONMENTAL GROUP, INC.



ARCO SERVICE STATION 2162
15135 Hesperian Boulevard at Ruth Court
San Leandro, California

TPH-g/BENZENE CONCENTRATION MAP

FIGURE: **2**
PROJECT: 330-107.2A

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

February 23, 1996

Mr. Michael Whelan
ARCO Products Company
P.O. Box 612530
San Jose, CA 95161

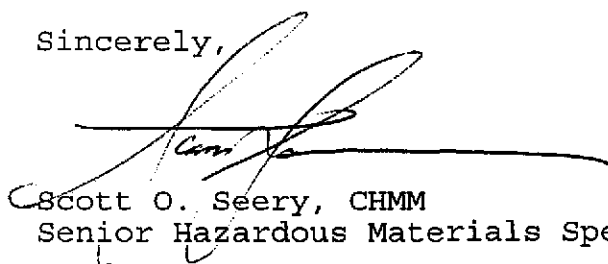
RE: ARCO SERVICE STATION #2162, 15135 HESPERIAN BOULEVARD, SAN
LEANDRO

Dear Mr. Whelan:

A June 7, 1993 RESNA work plan for additional on- and off-site assessment of the subject site was accepted in correspondence from this office dated August 4, 1993. To date, a report documenting this work has not been received by this office, nor have any data been presented in subsequent quarterly reports submitted since that suggest that additional wells were ever, in fact, installed.

Please contact this office at your earliest convenience to discuss this matter. I may be reached at 510/567-6783.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Jun Makishima, Acting Director
Gil Jensen, Alameda County District Attorney's Office
Mike Bakaldin, San Leandro Hazardous Materials Program

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

ALCO
HAZMAT



96 SEP 13 PM 2:14
September 9, 1994

Ms. Susan Hugo
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

Re: Transfer of ARCO Projects.

Dear Ms. Hugo:

The purpose of this letter is to inform you of changes that ARCO Products Company (ARCO) has recently made in regards to environmental consulting firms working on environmental projects at existing and former ARCO retail facilities. In an effort to promote consistency, be more proactive, streamline communications and reduce costs, ARCO has significantly reduced the number of environmental consultants performing assessment and remedial activities on these environmental projects. The consolidation, which took effect on 9/1/94, involves a reduction of approximately 75% to 80% of the consulting firms that ARCO previously used. ARCO firmly believes that this consolidation effort will dramatically streamline ARCO's communication process, both with your office and staff as well as with ARCO's remaining consultants. The consulting firms which ARCO will now use at retail facility environmental projects throughout the west (WA, OR, CA, NV and AZ) include: Brown & Caldwell, Delta Environmental, Emcon Associates, Pacific Environmental Group, and Secor.

Attached to this letter is a list of sites in your jurisdiction that have recently been transferred to one of the five consulting firms listed above. In most cases, these five consulting firms were already working on ARCO projects in your jurisdiction. Also included in the list is the name of the ARCO engineer responsible for the site. please don't hesitate to call the respective ARCO engineer or the consultant's regional contact if you have any questions regarding any of the projects.

The transfer of the projects from the former consultant to one of the five firms listed above should be completed by October 1, 1994. Shortly thereafter I will be contacting you to schedule a meeting to introduce you to the primary contacts at the consulting companies and to review the projects with your staff. Please contact me at (415) 571-2468 if you have any questions concerning this letter.

Sincerely,

Kyle Christie

ALAMEDA COUNTY HEALTH DEPT.

Facility Number	City	Address	New Consulting Firm	ARCO Engineer	ARCO Engineer phone number
276	Oakland	10600 MacArthur Blvd.	Emcon	Mike Whelan	415-571-2449
347	Oakland	2751 High Street	Brown & Caldwell	Brad Jones	213-486-0681
374	Oakland	6407 Telegraph Avenue	Pacific Env. Group	Mike Whelan	415-571-2449
601	San Leandro	712 Lewelling Blvd.	Emcon	Mike Whelan	415-571-2449
771	Livermore	899 Rincon Avenue	Emcon	Mike Whelan	415-571-2449
2035	Albany	1001 San Pablo Avenue	Emcon	Mike Whelan	415-571-2449
2107	Oakland	3310 Park Blvd.	Pacific Env. Group	Mike Whelan	415-571-2449
2111	San Leandro	1156 Davis Street	Emcon	Mike Whelan	415-571-2449
2112	Alameda	1260 Park Street	Pacific Env. Group	Mike Whelan	415-571-2449
2152	Castro Valley	22141 Center Street	Pacific Env. Group	Mike Whelan	415-571-2449
2162	San Leandro	15135 Hesperian Blvd.	Pacific Env. Group	Mike Whelan	415-571-2449
2169	Oakland	889 West Grand Avenue	Emcon	Mike Whelan	415-571-2449
2185	Oakland	9800 East 14th Street	Emcon	Mike Whelan	415-571-2449
4494	Oakland	566 Hagenberger Road	Pacific Env. Group	Mike Whelan	415-571-2449
4931	Oakland	731 West MacArthur Blvd.	Pacific Env. Group	Mike Whelan	415-571-2449
6002	Oakland	6235 Seminary Avenue	Emcon	Mike Whelan	415-571-2449
6041	Dublin	7249 Village Parkway	Emcon	Mike Whelan	415-571-2449
6113	Livermore	785 East Stanley Blvd.	Emcon	Mike Whelan	415-571-2449
6148	Oakland	5131 Shattuck Avenue.	Emcon	Mike Whelan	415-571-2449
9908	Oakland	8255 San Leandro Blvd	Brown & Caldwell	Brad Jones	213-486-0681

Your Emcon contact is Mr. Jay Johnson.

Your Pacific Environmental Group contact is Mr. Greg Barclay

Your Brown & Caldwell contact is Mr. Ron Zurlinden

CONSULTANTS CONTACTS

Consultant Name	ARCO Program Manager (APM)	Technical Coordinator (TC)	Area	Administrative Coordinator (AC)
Brown & Caldwell	Mikk Anderson 150 So Arroyo Pkwy Pasadena, CA 91109 (818) 577-1020 Fax (818) 795-6016	Ron Zurlinden 9616 micro Ave Sacramento, CA 95813-3449 (916) 444-0123 --- Fax (916) 856-5277	NW	Mar Quinn 150 So Arroyo Pkwy Pasadena, CA 91109 (818) 577-1020 Fax (818) 795-6016
		Ron Halsey 16735 Von Karman, Suite 200 Irvine, CA 92714-4918 (714) 660-1070 --- Fax (714) 474-0940	SW	
		Mike Higman 9040 Frairs Rd, Suite 220 San Diego, CA 92108 (619) 528-9090 --- Fax (619) 528-9199	SW	
Delta	Jon Pesicka 27141 Aliso Creek Rd, Suite 270 Aliso Viejo, CA 92656 (714) 362-3077 Fax (714) 362-0290	Todd Galati 3330 Data Dr, Suite 100 Rancho Cordova, CA 95670 (916) 638-2085 --- Fax (916) 638-8385	NW	Debbie Fluckiger 27141 Aliso Creek Rd, # 270 Aliso Viejo, CA 92656 (714) 362-3077 Fax (714) 362-0290
		Jon Pesicka (714) 362-3077 --- Fax (714) 362-0290	SW	
Emcon	Jack Hardin 1921 Ringwood Ave San Jose, CA 95131-1721 (408) 453-7300 Fax (408) 437-9526	Rob Dixon 15055 SW Sequoia Pkwy, Suite 140 Portland, OR 97224-7712 (503) 624-7200 Fax (503) 620-7658	NW	Jeanette Memeo 1921 Ringwood Ave San Jose, CA 95131-1721 (408) 453-7300 Fax (408) 437-9526
		Jay Johnson 1433 N Ave Market Blvd. Sacramento, CA 95834-1943 (916) 928-3300 Fax (916) 928-3341	NW	

CONSULTANTS CONTACTS

Consultant Name	ARCO Program Manager (APM)	Technical Coordinator (TC)	Area	Administrative Coordinator (AC)
Emcon	Jack Hardin	Ric Morgan 120 Columbia, Suite 500 Aliso Viejo, CA 92656 (714) 362-1130 Fax (714) 362-1137	SW	Jeanette Memeo
Pacific Enviro Group	Debra Moser 2025 Gate Way Place, Suite 440 San Jose, CA 95110 (408) 441-7500 Fax (408) 441-7539	Greg Barclay 3050 Fite Circle, Suite 101 Sacramento, CA 95827 (916) 361-8091 --- Fax (916) 361-8094	NW	Norma Gutierrez 2025 Gate Way Place, Suite 440 San Jose, CA 95110 (408) 441-7500 Fax (408) 441-7539
		Cleve Solomon 650 N Sierra Madre Villa, Suite 204 Pasadena, CA 91107 (818) 351-4814 -- Fax (818) 351-4822	SW	
Seacor	David Childs 1913 Volcanic Dr. Benton, AR 72015-2161 (501) 776-3400 Fax (501) 776-3053	Jim Ritchie 90 New Montgomery St, Suite 620 San Francisco, CA 94015-4503 (415) 882-1548 -- Fax (415) 882-4406	NW	Cindy Malloy 1734 - 34th St Sacramento, CA 95816-7004 (916) 456-4333 Fax (916) 456-0110
		Kyle Emerson 1180 Nevada St, Suite 200 Redlands, CA 92374 (909) 335-6116 --- Fax (909) 335-6120	SW	
		Bob Wilson 3485 Sacramento Dr, Suite A San Luis Obispo, CA 93401-7160 (805) 546-0455 --- Fax (805) 546-0583	SW	

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

September 20, 1993
pacbel.lic
62019.05

Mr. Kevin Hardiman
Pacific Bell
2600 Camino Ramon
San Ramon, CA 95483

Subject: Request for Access to Install Two Groundwater Monitoring Wells in the Pacific Bell Parking Lot located on 15125 Hesperian Boulevard in San Leandro, California.

Dear Mr. Hardiman:

As per our telephone conversation on August 27, 1993, on behalf of ARCO Products Company (ARCO), RESNA Industries Inc (RESNA), is requesting access to install two groundwater monitoring wells in the parking lot located at 15125 Hesperian Boulevard in San Leandro. It is the understanding of RESNA, that Pacific Bell owns this parking lot. The wells are to be installed in conjunction with an additional subsurface investigation at ARCO Station 2162, located at 15135 Hesperian Boulevard in San Leandro. The Alameda County Health Care Services Agency (ACHCSA) has reviewed the Work Plan prepared by RESNA (RESNA, June 7, 1993) and has approved the locations of two wells to be located in Pacific Bell's parking lot at 15125 Hesperian Boulevard. We have detailed below the proposed activities on the above referenced subject property, and have enclosed the license agreement as presented by ARCO. If the terms of the license are agreeable, please sign both copies, return them to ARCO in the enclosed self addressed stamped envelope, ARCO will counter-sign and return one for your records.

The borings will be drilled using a truck mounted drill rig and 8-inch diameter hollow stem augers, to depths of approximately 25 feet below ground surface. Soil samples will be collected approximately every five feet for possible laboratory analyses. The two borings will be completed as 2-inch-diameter groundwater monitoring wells. The wells will be constructed using 2-inch-diameter schedule 40 polyvinyl chloride (PVC) casing. The casing will consist of 0.020 machine slotted PVC in the water bearing zone, and solid PVC from the top of the slotted zone to within 6 inches of the ground surface. The annular space within the wells will be filled with sand pack around the slotted interval, bentonite to form a seal 1 to 2 feet above the sand pack, and filled to within inches of the ground surface with a neat cement. The well will be finished with a locking cap, and a locking, water-tight box. The work should be completed in

Request for Access
ARCO Station 2162, San Leandro, California

September 20, 1993
62019.05

one day with minimum disruption to those who use the parking lot.

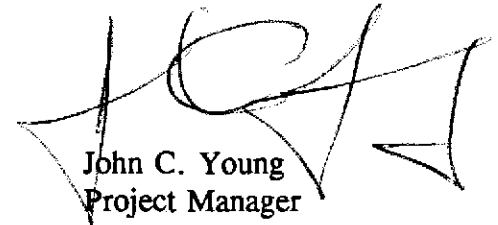
Following the installation of these wells, they will be monitored on a monthly basis for approximately one year, and sampled once every three months for the duration of the assessment at the ARCO Station. Once the assessment has been completed, ARCO will destroy the wells as required by the California Regional Water Quality Control Board (CRWQCB).

If you have any questions regarding this matter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Erin McLucas
Staff Geologist



John C. Young
Project Manager

cc: Michael Whelan, ARCO Products Company
Scott Seery, ACHCSA

Enclosure: License Agreement Between Pacific Bell, Mr. Kevin Hardiman Real Estate Representative, and ARCO Products Company (2 copies)

93 SEP 22 PM 12:45

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

TRANSMITTAL

TO: Mr. Scott Seery
Alameda County Health
Care Services Agency
80 Swan Way, Room 500
Oakland, California 94512

DATE: September 20, 1993
PROJECT NUMBER: 62019.05
SUBJECT: ARCO Station 2162
15135 Hesperian Boulevard,
San Leandro, California

FROM: Erin McLucas

WE ARE SENDING YOU:

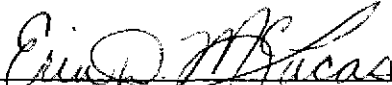
COPIES DATED	DESCRIPTION
1 09/20/93	Request for Access to Install Two Groundwater Monitoring Wells in the Pacific Bell Parking Lot located on 15125 Hesperian Boulevard in San Leandro, California.

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
 As requested Approved as noted Submit ___ copies for distribution
 For approval Return for corrections Return ___ corrected prints
 For your files

REMARKS:

cc: Mr. Michael Whelan, ARCO
Mr. Kevin Hardiman, Pacific Bell
1 to RESNA project file no. 62019.05


Erin McLucas, Staff Geologist

SEP 20 PM 12:21

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

September 2, 1993
0902RWES.2162
61026.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during June, July and August 1993, and site activities anticipated for the month of September 1993.

June, July and August 1993 Activities

- Continued monthly groundwater monitoring at the site.
- Received approval on Work Plan for Additional Subsurface Investigation from ACHCSA and RWQCB.
- Submitted Second Quarter 1993 groundwater monitoring report.
- Performed Third Quarter 1993 groundwater sampling.

Site Status Update
ARCO Station 2162, San Leandro, California

September 2, 1993
61026.02

Work Anticipated for September 1993

- Continue groundwater monitoring at the site.
- Continue negotiation of offsite access agreements for drilling and installation of monitoring wells.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



John C. Young
Project Manager

cc: Mr. Michael Whelan, ARCO Products Company
John Jang, Regional Water Quality Control Board

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

STID 1259

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

August 4, 1993

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

RE: ARCO STATION #2162, 15135 HESPERIAN BOULEVARD, SAN LEANDRO

Dear Mr. Whelan:

This office has completed review of the underground storage tank (UST) leak and investigation file for the referenced site. This task included our review of the June 7, 1993 RESNA "Work Plan for Additional Subsurface Investigation," which proposes the installation of additional on- and off-site borings and monitoring wells.

The cited June 7, 1993 RESNA work plan has been accepted with the following addition:

- 1) Soil and ground water sampled from boring B-9/MW-5 should, in addition to the target analytes proposed, be analyzed for semi-volatile organic compounds (SVOC) using EPA Method 8270. This request is consistent with the August 10, 1990 RWQCB "Recommendations" for appropriate target analytes when investigating waste oil tank releases. SVOCs were not sought during UST closure sampling, hence the need for such analysis at this time.

Please contact this office when off-site access agreements have been secured and field work is slated to begin, or if you require any assistance. I may be reached at 510/271-4530.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Mike Bakaldin, San Leandro Fire Department
Erin McLucas, RESNA - San Jose
files

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

April 19, 1993
0415RWES.2162
61026.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during March 1993, and site activities anticipated for the month of April 1993.

March 1993 Activities

- o Continued monthly groundwater monitoring at the site.
- o Submitted Initial Subsurface Investigation report.

Site Status Update
ARCO Station 2162, San Leandro, California

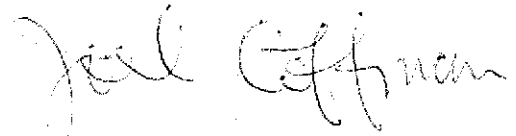
April 19, 1993
61026.02

Work Anticipated for April 1993

- Continue groundwater monitoring at the site.
- Initiate preparation of work plan for additional environmental investigation to be performed at the site.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Joel Coffman
Project Manager

cc: Mr. Michael Whelan, ARCO Products Company
John Jang, Regional Water Quality Control Board

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

March 19, 1993
0318RWES.2162
61026.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during February 1993, and site activities anticipated for the month of March 1993.

February 1993 Activities

- o Continued groundwater monitoring at the site
- o Completed preparation of initial subsurface investigation report at site and submitted to ARCO for review.

Site Status Update
ARCO Station 2162, San Leandro, California


March 19, 1993
61026.02

Work Anticipated for March 1993

- Continue groundwater monitoring at the site.
- Submit final report subsurface investigation to ARCO and appropriate Regulatory Agencies.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Joel Coffman
Project Manager

cc: Mr. Michael Whelan, ARCO Products Company
John Jang, Regional Water Quality Control Board

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

TRANSMITTAL

TO: Mr. Rob Weston
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, California 94621

DATE: March 19, 1993
PROJECT NUMBER: 61026.02
SUBJECT: Site Status Updates

FROM: Joel Coffman
TITLE: Project Geologist

WE ARE SENDING YOU:

COPIES	DATED	NO.	DESCRIPTION
1	3/19/93	61026.02	Site Status Updates

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
 As requested Approved as noted Submit ___ copies for distribution
 For approval Return for corrections Return ___ corrected prints
 For your files

Copies: 1 to RESNA project file no. 61026.02

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

COMMUNICATIONS
TRANSMITTAL

TO: Mr. Rob Weston
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, California 94621

DATE: February 26, 1993
PROJECT NUMBER: 61026.02
SUBJECT: Site Status Updates

FROM: Joel Coffman
TITLE: Project Geologist

WE ARE SENDING YOU:

COPIES	DATED	NO.	DESCRIPTION
1	2/23/93	61026.02	Site Status Updates

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
 As requested Approved as noted Submit ___ copies for distribution
 For approval Return for corrections Return ___ corrected prints
 For your files

Copies: 1 to RESNA project file no. 61026.02

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

February 23, 1993
0217RWES.2162
61026.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during January 1993, and site activities anticipated for the month of February 1993.

January 1993 Activities

- o Continued groundwater monitoring at the site
- o Continued preparation of initial subsurface investigation report at site.

Site Status Update
ARCO Station 2162, San Leandro, California

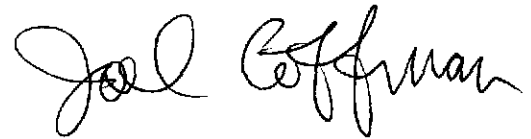
February 23, 1993
61026.02

Work Anticipated for February 1993

- Continue groundwater monitoring at the site.
- Complete draft report subsurface investigation for submittal to ARCO for review.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Joel Coffman
Project Geologist

cc: Mr. Michael Whelan, ARCO Products Company
John Jang, Regional Water Quality Control Board

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

January 29, 1993
0129RWES.2162
61026.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during December 1992, and site activities anticipated for the month of January 1993.

December 1992 Activities

- o Continued groundwater monitoring at the site
- o Continued preparation of initial subsurface investigation report at site.

Site Status Update
ARCO Station 2162, San Leandro, California

January 29, 1993
61026.02

Work Anticipated for January 1993

- Continue groundwater monitoring at the site.
- Complete draft report subsurface investigation for submittal to ARCO.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Joel Coffman
Project Geologist

cc: Mr. Michael Whelan, ARCO Products Company
John Jang, Regional Water Quality Control Board

COPIES TO BE MADE

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

TRANSMITTAL

TO: Mr. Rob Weston
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, California 94621

DATE: January 29, 1993
PROJECT NUMBER: 61026.02
SUBJECT: Site Status Updates

FROM: Joel Coffman
TITLE: Project Geologist

WE ARE SENDING YOU:

COPIES	DATED	NO.	DESCRIPTION
1	1/29/93	61026.02	Site Status Updates

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
 As requested Approved as noted Submit ___ copies for distribution
 For approval Return for corrections Return ___ corrected prints
 For your files

Copies: 1 to RESNA project file no. 61026.02

93 JAN 14 08 00

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

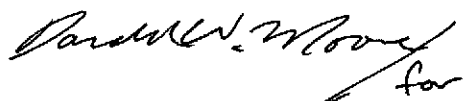
Dear Ms. Hugo:

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,



Kyle A. Christie
Environmental Engineer

Attachments: ARCO Facility QSRs

UST LEAK Date of Last Current
SITE UPDATE Review/Update September 25, 1992 Date December 28, 1992

SITE IDENTIFICATION

Name ARCO Service Station 2162 Case No. _____
Address 15135 Hesperian Boulevard/Ruth Court _____
 Street Number Street
 San Leandro 94609
 City 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-Rob Weston

CASE TYPE

Undetermined Soil Only Groundwater Drinking Water

STATUS (Date indicates when case moved into status)

<input type="checkbox"/>	No Action Taken	
<input checked="" type="checkbox"/>	Leak Being Confirmed	Date 11/86
<input checked="" type="checkbox"/>	Preliminary Site Assessment Workplan Submitted	Date 7/92
<input checked="" type="checkbox"/>	Preliminary Site Assessment Underway	Date 9/92
<input type="checkbox"/>	Pollution Characterization	Date _____
<input type="checkbox"/>	Remediation Plan	Date _____
<input type="checkbox"/>	Remedial Action Underway	Date _____
<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:

In November 1986, product and vapor lines were replaced at the site. Two samples of stockpiled soil from product and vapor line trenches were collected. Stockpiled soil was transported to a local landfill. Performed subsurface investigation in September 1992.

RECENT ACTIVITIES/FINDINGS:

Work plan for subsurface investigation was submitted to regulatory agencies on 7/7/92. Drilled borings B-5 through B-8 and installed groundwater monitoring wells MW-1 through MW-4. Wells were developed on 9/23/92 and sampled on 9/29/92. Monthly groundwater monitoring and fourth quarter 1992 quarterly groundwater sampling were performed.

ANTICIPATED ACTIVITIES:

Subsurface investigation and fourth quarter 1992 quarterly groundwater monitoring reports will be drafted. Monthly groundwater monitoring and quarterly sampling will continue.

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

REPORT

DATE

CONSULTANT

Work Plan for Subsurface Investigation
at ARCO Station 2162, 15135 Hesperian
Boulevard, San Leandro, CA
62019.01

7/7/92

RESNA

Underground Storage Tank Unauthorized
Release (LEAK)/Contamination
Site Report

6/7/88

Brown & Caldwell

Letter, Signature on Leak
Reports

5/3/88

Brown & Caldwell

LISTING OF UGT CLEANUP SITES - (ALPHA:from LOP db)

as of 06/09/92

page 1

CLOSED	INSP	STID	SITE NAME	ADDRESS	CITY	ZIP
-0-	SH	3629	Arco AM/PM	1260 -0 Park St.	Alameda	94501
-0-	JM	817	Arco Petroleum	20200 -0 Hesperian Blvd.	Hayward	94541
-0-	SS	3943	Arco Station #2152	22141 -0 Center St.	Castro Valley	94546
-0-	SH	3883	Arco #6113	785 E. Stanley Blvd.	Livermore	94550
-0-	SH	3873	Arco Station #00771	899 -0 Rincon Ave.	Livermore	94550
-0-	SS	1053	Teutsch Enterprises, Inc. ARCO	7249 -0 Village Pkwy.	Dublin	94568
-0-	JM	779	Arco Station #00608	17601 -0 Hesperian Blvd.	San Lorenzo	94580
-0-	BC	3876	Arco Station #02185	9800 E. - 14th St.	Oakland	94603
-0-	BC	3756	Arco Facility #00276	10600 -0 Macarthur Blvd.	Oakland	94605
-0-	BC	198	Bill Davis Arco (Independent dealer)	2032 E. - 12th St.	Oakland	94606
-0-	SH	812	Leon's Arco (Independent dealer)	4401 -0 Market St.	Oakland	94608
-0-	SH	3874	Arco Station #04931	731 W. Macarthur Blvd.	Oakland	94609
-0-	SH	3884	Arco #0374	6407 -0 Telegraph Ave.	Oakland	94609
-0-	SH	3626	Arco #6148	5131 -0 Shattuck Ave.	Oakland	94609
-0-	BC	3890	Arco #2107	3310 -0 Park Blvd.	Oakland	94610
-0-	BC	3854	Arco Station #4494	566 -0 Hegenberger Rd.	Oakland	94621
-0-	BC	3858	Arco Facility #02035	1001 -0 San Pablo Ave.	Albany	94706
	SS		Arco Facility # 601	712 - Lewelling Blvd.	San Leandro	
	SH	3773	Arco Facility # 2169	889 W. Grand Ave.	Oakland	94607
			Arco Facility # 04977	2770 Castro Valley Blvd.	Castro Valley	94546
			Arco Facility #	909 Bluebell Str.	Livermore	94550
			Arco Facility # 00498	286 S. Livermore Ave.	Livermore	94550
		198	Wong's Arco	2032 E. 12th St	Oakland	94606
		3876	Arco # 02185	9800 E. 14th St	Oakland	94603
		1130	Freeway Arco	2740 - 98th Ave.	Oakland	94605
		3749	Din's Arco	706 Harrison St.	Oakland	94612
		1038	Zama Ctr. Inc Arco	2951 High St.	Oakland	94619
		851	Mt. Blvd. Arco	2844 Mountain Blvd.	Oakland	94602
		3942	Arco # 06002	6235 Seminary Ave.	Oakland	94605
		3776	Freedom Arco mini mart	15101 Freedom Ave.	San Leandro	94578
		1.58	Arco Station # 04977	2770 Castro Valley Blvd.	Castro Valley	94546

(see back)

ST10

813 - Arco K&V Food Mart — 6211 San Pablo Ave. Emeryville 94608
Airport Arco — 20750 Heaperian Blvd. Hayward 94541
Arco # 2147 — 40055 Blacaw Rd Fremont 94538
Arco # 2158 — 35900 Fremont Blvd. Fremont 94536
Arco # 5369 — 36794 Fremont Blvd. Fremont 94536
Arco # 6206 — 43500 Fremont Blvd. Fremont 94538
Arco # 6201 — 40077 Mission Blvd " 94539
Arco # 1319 — 365 Jackson St Hayward 94544
Arco # 362 — 29900 Mission Blvd. Hayward 94544
Arco # 2111 — 1156 Davis St. San Leandro 94577
Arco # 83266 — 1401 Grand Ave. San Leandro 94577
Arco # 2162 — 15135 Heaperian Blvd. San Leandro 94578
Arco — 14610 Washington Ave. San Leandro 94578



Working To Restore Nature

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2345

December 11, 1992
1211RWES.2162
61026.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during November 1992, and site activities anticipated for the month of December 1992.

November 1992 Activities

- o Continued groundwater monitoring at the site
- o Continued preparation of initial subsurface investigation report at site.

Site Status Update
ARCO Station 2162, San Leandro, California

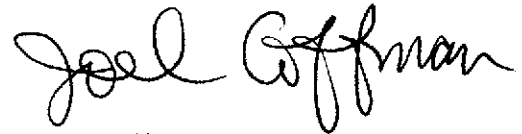
December 11, 1992
61026.02

Work Anticipated for December 1992

- o Continue groundwater monitoring at the site.
- o Submit draft initial subsurface investigation report with results of monitoring well installations to ARCO for review.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Joel Coffman
Project Geologist

cc: Mr. Michael Whelan, ARCO Products Company
Mark Thomson, Alameda County District Attorney's Office
John Jang, Regional Water Quality Control Board



Working To Restore Nature

92 DEC 11 10:10

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2345

TRANSMITTAL

TO: Mr. Rob Weston
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, California 94621

DATE: December 11, 1992
PROJECT NUMBER: 61026.02
SUBJECT: Site Status Updates

FROM: Joel Coffman
TITLE: Project Geologist

WE ARE SENDING YOU:

COPIES	DATED	NO.	DESCRIPTION
1	12/11/92	61026.02	Site Status Updates

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
- As requested Approved as noted Submit ___ copies for distribution
- For approval Return for corrections Return ___ corrected prints
- For your files

Copies: 1 to RESNA project file no. 61026.02



A RESNA Company

RESNA

Working To Restore Nature

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

November 6, 1992
1105RWES.2162
61026.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: **Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.**

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during October 1992, and site activities anticipated for the month of November 1992.

October 1992 Activities

- o Initiated groundwater monitoring at the site
- o Continued preparation of initial subsurface investigation report at site.

Site Status Update
ARCO Station 2162, San Leandro, California

November 6, 1992
61026.02

Work Anticipated for November 1992

- o Continued groundwater monitoring at the site.
- o Submit draft initial subsurface investigation report with results of monitoring well installations to ARCO for review.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Joel Coffman
Project Geologist

cc: Mr. Michael Whelan, ARCO Products Company
Mark Thomson, Alameda County District Attorney's Office
John Jang, Regional Water Quality Control Board



A RESNA Company

RESNA

Working To Restore Nature

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

92 NOV 10 11 03 AM '92

TRANSMITTAL

TO: Mr. Rob Weston
Alameda County Health Care Services
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

DATE: November 6, 1992
PROJECT NUMBER: 61026.02
SUBJECT: Site Status Updates

FROM: Joel Coffman
TITLE: Project Geologist

WE ARE SENDING YOU:

COPIES	DATED	NO.	DESCRIPTION
1	11/6/92	61026.02	Site Status Updates

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
- As requested Approved as noted Submit ___ copies for distribution
- For approval Return for corrections Return ___ corrected prints
- For your files

Copies: 1 to RESNA project file no. 61026.02



3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

October 16, 1992
1016RWES.2162
61026.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during September 1992, and site activities anticipated for the month of October 1992.

September 1992 Activities

- Drilled and installed four onsite groundwater monitoring wells (MW-1 through MW-4).
- Developed and sampled groundwater monitoring wells MW-1 through MW-4.
- Surveyed groundwater monitoring wells.

Site Status Update
ARCO Station 2162, San Leandro, California

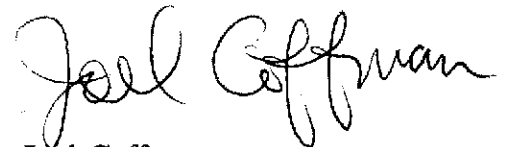
October 16, 1992
61026.02

Work Anticipated for October 1992

- o Initiate groundwater monitoring at the site.
- o Initiate preparation of report with results of monitoring well installation.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Joel Coffman
Project Geologist

cc: Mr. Michael Whelan, ARCO Products Company
Mark Thomson, Alameda County District Attorney's Office
John Jang, Regional Water Quality Control Board



A RESNA Company



Working To Restore Nature

92 OCT 22 10:15

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

TRANSMITTAL

TO: Mr. Rob Weston
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, California 94624

DATE: October 16, 1992
PROJECT NUMBER: 61026.02
SUBJECT: Site Status Updates

FROM: Joel Coffman
TITLE: Project Manager

WE ARE SENDING YOU:

COPIES	DATED	NO.	DESCRIPTION
1	10/16/92	62026.02	Site Status Updates

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit __ copies for approval
- As requested Approved as noted Submit __ copies for distribution
- For approval Return for corrections Return __ corrected prints
- For your files

Copies: 1 to RESNA project file no. 61026.02

October 12, 1992

92 OCT 14 PM 10:55

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:

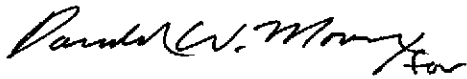
Please find attached, Quarterly Summary Reports (QSRs) for ARCO Products Company Service Stations in Alameda County. The QSRs summarize activities conducted by ARCO at the respective sites during the third quarter of 1992; also included are projected site activities for the fourth quarter of 1992 and 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 Date of Last Current
SITE UPDATE Review/Update June 29, 1992 Date September 25, 1992

SITE IDENTIFICATION

Name ARCO Service Station 2162 Case No.
Address 15135 Hesperian Boulevard/Ruth Court
Street Number Street
San Leandro 94609
City 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-Rob Weston

CASE TYPE

X Undetermined _____ Soil Only _____ Groundwater _____ Drinking Water

STATUS (Date indicates when case moved into status)

_____ No Action Taken
X Leak Being Confirmed Date 11/86
X Preliminary Site Assessment Workplan Submitted Date 7/92
X Preliminary Site Assessment Underway Date 9/92
_____ Pollution Characterization Date
_____ Remediation Plan Date
_____ Remedial Action Underway Date
_____ Post Remedial Action Monitoring Date
_____ Case Referred to Regional Board Date
_____ Case Referred to Dept. of Health Services Date
_____ Case Closed Date

COMMENTS/MILESTONES:

In November 1986, product and vapor lines were replaced at the site. Two samples of stockpiled soil from product and vapor line trenches were collected. Stockpiled soil was transported to a local landfill. Performed subsurface investigation in September 1992.

RECENT ACTIVITIES/FINDINGS:

Work plan for subsurface investigation was submitted to regulatory agencies on 7/7/92. Drilled borings B-5 through B-8 and installed groundwater monitoring wells MW-1 through MW-4. Wells were developed on 9/23/92 and sampled on 9/29/92.

ANTICIPATED ACTIVITIES:

Site assessment report will be drafted. Monthly groundwater monitoring and quarterly sampling will be initiated.

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

REPORT

DATE

CONSULTANT

Work Plan for Subsurface Investigation
at ARCO Station 2162, 15135 Hesperian
Boulevard, San Leandro, CA
62019.01

7/7/92

RESNA

Underground Storage Tank Unauthorized
Release (LEAK)/Contamination
Site Report

6/7/88

Brown & Caldwell

Letter, Signature on Leak
Reports

5/3/88

Brown & Caldwell



A RESNA Company

RESNA

Working To Restore Nature

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

SEP 21 1992

September 21, 1992
0908RWES.2162
61026.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during August 1992, and site activities anticipated for the month of September 1992.

August 1992 Activities

- Submitted well permit application.
- Scheduled drilling and installation of groundwater monitoring wells on site.

Site Status Update
ARCO Station 2162, San Leandro, California

September 21, 1992
61026.02

Work Anticipated for September 1992

- Drill and install onsite groundwater monitoring wells.
- Develop and sample groundwater monitoring wells.
- Survey groundwater monitoring wells.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Joel Coffman
Project Geologist

cc: Mr. Michael Whelan, ARCO Products Company
Mark Thomson, Alameda County District Attorney's Office



A RESNA Company



Working To Restore Nature

98 5 21 92 11 14 27

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

TRANSMITTAL

TO: Mr. Rob Weston
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, California 94624

DATE: September 21, 1992
PROJECT NUMBER: 61026.02
SUBJECT: Site Status Updates

FROM: Joel Coffman
TITLE: Project Geologist

WE ARE SENDING YOU:

COPIES	DATED	NO.	DESCRIPTION
1	9/21/92	61026.02	Site Status Update for ARCO Station 2162.

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
- As requested Approved as noted Submit ___ copies for distribution
- For approval Return for corrections Return ___ corrected prints
- For your files

REMARKS: cc: Mr. Michael Whelan, ARCO Products Company
Mr. Mark Thomson, Alameda County District Attorney's Office

Copies: 1 to RESNA project file no. 61026.02

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

92 SEP 1 1992

September 1, 1992
0901rwes
62019.02

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Follow-up to our telephone conversation on August 26, 1992 and response to your letter dated August 24, 1992 concerning proposed work at ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter is written as follow-up to our telephone conversation on August 26, 1992 and addresses your letter dated August 24, 1992 concerning the subject site. As we discussed, currently there are no existing groundwater monitoring wells at the site to provide information necessary to calculate and estimate the groundwater gradient. As proposed in the Work Plan (RESNA, July 7, 1992), wells will be installed at this site to provide data which will help establish the groundwater gradient. **Until the direction of groundwater flow beneath the site has been established at the site, we do not have the information needed that would enable us to place a monitoring well "within ten (10) feet of the former tank pit in the verified downgradient direction", as requested in your letter.** As we agreed during our telephone conversation, ARCO will address the numbers and locations of future monitoring wells (if necessary) in future scopes of work. Also, as discussed, we intend to install the monitoring wells as proposed in the above referenced work plan during the second week of September, 1992.

Please address ARCO directly concerning the requested \$450.00 deposit account for staff review of this and any other ARCO sites that your agency has oversight responsibility. You mentioned in our telephone conversation that a new agreement between the Alameda County Health Care Services Agency and the City of San Leandro had been reached concerning regulatory oversight for sites located within the City of San Leandro. You also said that formal notification of this agreement was soon to be issued. Once an agreement has been reached, ARCO will establish the review deposit account as requested. We

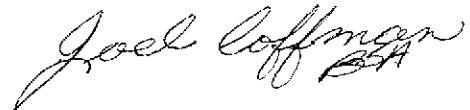
Letter of Response
ARCO Station 2162, San Leandro, California

September 1, 1992
62019.02

request that ARCO and RESNA be sent written notification of changes in oversight staff within your agency. Again, we ask that you directly address ARCO concerning regulatory review accounts.

If you have any questions or comments, please contact us at (408) 264-7723 or Mr. Michael Whelan of ARCO at (415) 571-2449. Thank you.

Sincerely,
RESNA Industries Inc.

A handwritten signature in cursive script that reads "Joel Coffman" with a small "RESNA" logo or initials at the end.

Joel Coffman
Project Geologist

cc: Michael Whelan, ARCO Products Company
John Jang, Regional Water Quality Control Board



3315 Almaden Expressway, Suite 34
 San Jose, CA 95118
 Phone: (408) 264-7723
 Fax: (408) 264-2435

TRANSMITTAL

TO: MR. ROB WESTON
ACHCSA
DEPARTMENT OF ENVIRONMENTAL HEALTH
80 SWAN WAY, ROOM 200
OAKLAND, CA 94624

DATE: 9/1/92
 PROJECT NUMBER: 62019.02
 SUBJECT: ARCO STATION 2162, 15135
HESPERIAN BOULEVARD, SAN LEANDRO, CA.

FROM: JOEL COFFMAN
 TITLE: PROJECT GEOLOGIST

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Shop drawings Prints Reports Specifications
 Letters Change Orders _____

COPIES	DATED	NO.	DESCRIPTION
1	9/1/92	62019.02	FOLLOW-UP TO OUR TELEPHONE CONVERSATION ON AUGUST 26, 1992 AND RESPONSE TO YOUR LETTER DATED AUGUST 24, 1992 CONCERNING PROPOSED WORK AT ARCO STATION 2162, 15135 HESPERIAN BOULEVARD, SAN LEANDRO, CA.

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
- As requested Approved as noted Submit ___ copies for distribution
- For approval Return for corrections Return ___ corrected prints
- For your files _____

REMARKS: _____

Copies: 1 to project file no. 62019.02
 cc: MR. MICHAEL WHELAN, ARCO PRODUCTS COMPANY
 MR. JOHN JANG, RWQCB
 MR. JOEL COFFMAN, RESNA

*Revision Date: 11/21/91
 *File Name: TRANSMT.PRJ

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

August 24, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Mr. Joel Coffman
Resna
3315 Almaden Expressway
Suite 34
San Jose, CA 95118

Dear Mr. Coffman:

This Department has received and reviewed the July 7, 1992, Proposed Work Plan for Subsurface Investigation of Arco station 2162, located at 15135 Hesperian Boulevard, San Leandro, CA, 94578. **This Department accepts the proposal as submitted with the following condition:** A monitoring well will be implaced within ten (10) feet of the former tank pit in the verified downgradient. This monitoring well will be sampled and monitored as specified for the other monitoring wells in the work plan. Notify this office forty-eight (48) hours prior to the start of work to allow for staff on site attendance.

In order for this Department to oversee the investigation of the site it will be necessary for you to establish a deposit account of \$450.00. This account will be used to pay for site specific staff time used in the oversight of your project.

If you have any questions regarding this letter please contact me.

Sincerely,

Robert Weston
Hazardous Materials Specialist

cc: Mike Whelan, ARCO Products Company
Mark Thomson, Alameda County District Attorney
John Jang, SFRWQB

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

August 21, 1992
0811RWES.2162
61026.01

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during July 1992, and site activities anticipated for the month of August 1992.

July 1992 Activities

- Roux Associates submitted Underground Storage Tank Replacement and Soil Sampling Report to ARCO and regulatory agencies on July 7, 1992.
- Submitted Final Work Plan to ARCO and regulatory agencies on July 7, 1992, outlining proposed subsurface investigation to be conducted at the site.
- Visited site and located proposed wells.
- Created Health and Safety Plan for field work to be performed at the site.
- Sent letter requesting review of work plan to Mr. Scott Seery of Alameda County Health Care Services Agency, Department of Environmental Health.

Site Status Update
ARCO Station 2162, San Leandro, California

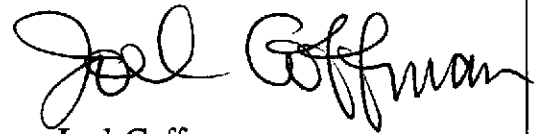
August 21, 1992
61026.01

Work Anticipated for August 1992

- Upon gaining approval of the Work Plan (RESNA, July 7, 1992), from Alameda County Health Care Services Agency, the proposed work will be initiated.

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries Inc.



Joel Coffman
Project Geologist

cc: Mr. Michael Whelan, ARCO Products Company

02 AUG 23 11 09:15

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

TRANSMITTAL

TO: Mr. Rob Weston
Alameda County Health Care
Dept. of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

DATE: August 21, 1992
PROJECT NUMBER: 61026.01
SUBJECT: Site Status Updates

FROM: Joel Coffman
TITLE: Project Geologist

WE ARE SENDING YOU:

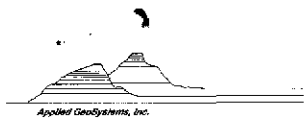
COPIES	DATED	NO.	DESCRIPTION
1	8/21/92	61026.01	Site Status Updates for ARCO Station 2162.

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
 As requested Approved as noted Submit ___ copies for distribution
 For approval Return for corrections Return ___ corrected prints
 For your files

REMARKS: CC: Mr. Michael Whelan, ARCO Products Company

Copies: 1 to RESNA project file no. 61026.01



A RESNA Company

RESNA

Working To Restore Nature

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

July 28, 1992
0728ssry
62019.01

Mr. Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

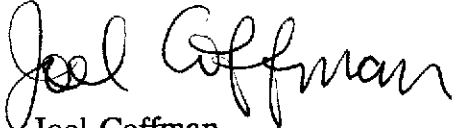
**Subject: Request for Review of Work Plan for Subsurface Investigation at ARCO
Station 2162, 15135 Hesperian Boulevard, San Leandro, California.**

Dear Mr. Seery:

This letter is submitted to request your review and any comments you may have concerning the subject Work Plan submitted to your agency by RESNA on July 7, 1992. To date we haven't received any response to the proposed work outlined in the subject Work Plan and are currently awaiting either your comments or approval to proceed.

If you have any questions or comments, please call us at (408) 264-7723. Thank you.

Sincerely,
RESNA


Joel Coffman
Project Geologist

cc: Mike Whelan, ARCO Products Company



3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

92 57 00 11 13 04

TRANSMITTAL

TO: Mr. Scott Seery
ACHCSA-DEH
80 Swan Way, Room 200
Oakland, California 94621

DATE: July 29, 1992
PROJECT NUMBER: 62019.01
SUBJECT: ARCO Station 2162,
15135 Hesperian Boulevard,
San Leandro, California

FROM: Joel Coffman
TITLE: Project Geologist

WE ARE SENDING YOU:

COPIES	DATED	NO.	DESCRIPTION
1	7-28-92	62019.01	Request for Review of Work Plan for Subsurface Investigation at the above subject site.

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
 As requested Approved as noted Submit ___ copies for distribution
 For approval Return for corrections Return ___ corrected prints
 For your files

cc: Joel Coffman, RESNA Industries Inc.
Lou Leet, RESNA Industries Inc.
Mike Whelan, ARCO Products Company

Copies: 1 to RESNA project file no. 62019.01

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

July 24, 1992
0724RWES.2162
61026.01

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during June 1992, and site activities anticipated for the month of July 1992.

June 1992 Activities

- ARCO's consultant, Roux Associates, of Concord, California, issued the draft report related to soil sampling during tank replacement activities to ARCO.
- RESNA submitted draft Work Plan for subsurface environmental investigations at the site to ARCO.

Work Anticipated for July 1992

- Submit final Work Plan to ARCO and regulatory agencies outlining proposed subsurface investigation to be conducted at the site.
- Create Health and Safety Plan for field work to be performed at the site.
- Roux Associates to submit final tank closure report to ARCO and regulatory agencies.

Site Status Update
ARCO Station 2162, San Leandro, California

July 24, 1992
61026.01

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries



Joel Coffman
Project Geologist

cc: Mr. Michael Whelan, ARCO Products Company



A RESNA Company

RESNA

Working To Restore Nature

92 7/24/92

TRANSMITTAL

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

TO: MR. ROB WESTON
ALAMEDA COUNTY HEALTH CARE
DEPT. OF ENVIRONMENTAL HEALTH
80 SWAN WAY, ROOM 200
OAKLAND, CALIFORNIA 94624

DATE: JULY 24, 1992
PROJECT NUMBER: 61026.01
SUBJECT: SITE STATUS UPDATES

FROM: JOEL COFFMAN
TITLE: PROJECT GEOLOGIST

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Shop drawings Prints Reports Specifications
 Letters Change Orders _____

COPIES	DATED	NO.	DESCRIPTION
1	7/24/92	61026.01	SITE STATUS UPDATES FOR ARCO STATION 2162.

THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
- As requested Approved as noted Submit ___ copies for distribution
- For approval Return for corrections Return ___ corrected prints
- For your files _____

REMARKS: CC: MR. MICHAEL WHELAN, ARCO

Copies: 1 to project file no. 61026.01

*Revision Date: 11/21/91
*File Name: TRANSMT.PRJ



A RESNA Company

RESNA

Working To Restore Nature

92 JUN 18 10:10

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

June 18, 1992
0618RWES.2162
61026.01

Mr. Rob Weston
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Site Status Update for ARCO Station 2162, 15135 Hesperian Boulevard, San Leandro, California.

Dear Mr. Weston:

This letter provides an update on investigation and remedial activities conducted for the above-referenced site. This update covers site activities performed during May 1992, and site activities anticipated for the month of June 1992.

May 1992 Activities

- o Construction activities associated with underground storage tank replacement completed.

Work Anticipated for June 1992

- o ARCO's consultant, Roux Associates, of Concord, California, will issue the draft report related to soil sampling during tank replacement activities to ARCO.
- o RESNA will initiate preparation of the Work Plan for subsurface environmental investigations at the site and submit to ARCO.

Site Status Update
ARCO Station 2162, San Leandro, California

June 18, 1992
61026.01

If you have any questions or comments regarding this letter, please call us at (408) 264-7723.

Sincerely,
RESNA Industries



Joel Coffman
Project Geologist

cc: Mr. Michael Whelan, ARCO Products Company

Certified Mail: P 674-025 002

01-0091

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
---	---	--

REPORT DATE 07/14/92	CASE # N/A	SIGNED	DATE
-------------------------	---------------	--------	------

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT T. Brignoni	PHONE (310) 407-2609	SIGNATURE T. Brignoni
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OTHER	COMPANY OR AGENCY NAME ARCO Products Company	
	ADDRESS 17315 Studebaker Rd, Cerritos, CA 90701		

RESPONSIBLE PARTY	NAME ARCO Products <input type="checkbox"/> UNKNOWN	CONTACT PERSON T. Brignoni	PHONE (310) 407-2609
	ADDRESS 17315 Studebaker Rd, Cerritos, CA 90701		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) 2162	OPERATOR David M. Bonar 2	PHONE (510) 276-6047
	ADDRESS 15135 Hesperian Blvd, San Leandro, Alameda		
	CROSS STREET Ruth	CITY	STATE ZIP 94578

IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda Co. Public Health	AGENCY NAME	CONTACT PERSON Tim Spates	PHONE (510) 271-4320
	REGIONAL BOARD			

SUBSTANCES INVOLVED	(1) NAME gasoline	QUANTITY LOST (GALLONS) 1/2 gal <input type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/BATEMENT	DATE DISCOVERED 07/14/92	HOW DISCOVERED <input checked="" type="checkbox"/> TANK TEST <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS
	DATE DISCHARGE BEGAN 07/14/92 <input type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> OTHER Shut down product line.
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 07/14/92	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input checked="" type="checkbox"/> OTHER Customer rolled into dispenser
	CAUSE(S) <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN

CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	---

CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input checked="" type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY
----------------	---

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input checked="" type="checkbox"/> OTHER (OT) Called B & R Maintenance
-----------------	--

COMMENTS
to repair dispenser. Dealer cleaned up spill with absorbent material. Material left on site. No Fire Dept. called.

cc: Kyle Chruske

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.5, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.

Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.

Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.

4/23/92
Called Don Moore (Seacow)
received OK updates of Arco.

April 13, 1992

92 APR 17 PM 3:00

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:

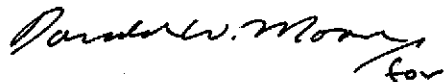
Please find attached, Quarterly Summary Reports (QSRs) for ARCO Products Company Service Stations in Alameda County. The QSRs summarize activities conducted by ARCO at the respective sites during the first quarter of 1992; also included are projected site activities for the second quarter of 1992 and 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 a subsequent comprehensive QSR submittal for ARCO sites on July 15, 1992. 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 Date of Last
SITE UPDATE Review/Update December 31, 1991

Current
Date March 20, 1992

SITE IDENTIFICATION

Name ARCO SERVICE STATION #2162 Case No. _____
Address 15135 Hesperian Boulevard
Street Number _____ Street _____
City San Leandro, CA Zip Code 94578
Alameda _____ Substance Gasoline
County _____
Local Agency San Leandro Fire Department
Regional Board San Francisco Bay Region

LEAD STAFF PERSON Michael Bakaldin - San Leandro Fire Department

CASE TYPE

Undetermined _____ Soil Only xx Ground Water _____ Drinking Water _____

STATUS (Date indicates when case moved into status)

_____	No Action Taken	Date	_____
_____	Leak Being Confirmed	Date	_____
_____	Preliminary Site Assessment Workplan Submitted	Date	_____
<u>xx</u>	Preliminary Site Assessment Underway	Date	<u>6/5/91</u>
_____	Pollution Characterization	Date	_____
_____	Remediation Plan	Date	_____
_____	Remedial Action Underway	Date	_____
_____	Post Remedial Action Monitoring	Date	_____
_____	Case Referred to Regional Board	Date	_____
_____	Case Referred to Dept. of Health Services	Date	_____
_____	Case Closed	Date	_____

COMMENTS

MILESTONES:

6/91 - Preliminary Site Assessment.
12/91 - Old underground storage tanks removed.

RECENT ACTIVITIES/FINDINGS:

Tank replacement activities continued through the first quarter, 1992.

ANTICIPATED

ACTIVITIES:

ARCO will submit a work plan to investigate the extent of soil and water contamination at the site.

ARCO FACILITY #2162

Report

Date

Consultant

Preliminary Tank Replacement Assessment

8/28/91

Roux Associates

February 26, 1992
SCI 611.002

Mr. Steve Banker
LCB Associates
Trans Pacific Centre
1000 Broadway, Suite #620
Oakland, California 94612

Environmental Consultation Regarding
Underground Storage Tanks
910 81st Avenue
Oakland, California

Dear Mr. Banker:

This letter records our consultation regarding underground storage tanks at the referenced address. Our consultation is based on observations made during a brief site visit, preliminary site history research and conversations with you, current tenants and an employee of a previous property owner.

Site Inspection

On October 22, 1991, Subsurface Consultants, Inc. (SCI) inspected exterior areas of the site. The site encompasses approximately 2 acres of land on the south side of 81st Avenue in an light industrial area of Oakland. The site is predominantly occupied by an "L" shaped structure which is currently leased to various industrial businesses. An asphalt paved driveway and unpaved parking areas extend adjacent to the south and north sides of the structure as shown on the attached site plan. A pump and vent line exist near the front of the structure and tank inlet was identified near the 81st Avenue curb line. We also observed numerous oil stains and possibly two hydraulic hoists in unpaved areas. Our observations are shown on the attached site plan.

General Site History

Building department records, historic maps and aerial photographs indicate that the site was vacant until about 1949 when a 7200 square foot structure was built. The building and property was owned and occupied by the Joseph L. Tancredy Plumbing Company until the early 1960's. A former Tancredy employee has reported that a 1000 gallon underground storage tank was installed soon after the

Subsurface Consultants, Inc.

building was occupied. The tank was situated near the curb line in front of the structure and stored gasoline used to fuel service trucks. Sometime in the late 1950s, a second underground storage tank was installed. The second tank was reportedly approximately the same size as the first and was located near the rear of the building. Building department records indicate that an addition was made to the rear of the building in 1957. It is probable that the tank was situated outside the 1957 addition. No records exist at the fire department nor building department regarding the existence nor location of either of the tanks. Based on descriptions provided by the former employee, approximate tank locations are shown on the site plan.

Apparently, the property was foreclosed on in the early 1960s and subsequent owners began renting out space within the existing structure. In the late 1960s and throughout the early 1970s, several additions were made to the original structure. An aerial photograph taken in 1977 shows the layout of the structure to be similar to the existing configuration.

From about 1963 to the present, Flame Treating company has occupied one of the tenant spaces in the building. During their tenancy they have been unaware of any active fueling operations on-site, and they do not recollect any tanks being removed.

Conclusions

Based on our research, it appears that at least two tanks may have existed on-site. One of the tanks currently exists in front of the structure and appears to be associated with the existing pump and vent line. Given the alleged location of the second tank, it appears that the tank may have been removed to facilitate construction of additions to the structure. However, as mentioned previously, no records appear to exist regarding the condition of the tank once it was removed or whether there was any soil contamination present.

Recommendations

A. Tank Closure

Since the known underground storage tank is no longer in use, state and local regulations require that the tank be closed by removal. The Alameda County Health Care Services Agency, the Oakland Fire Department and the Regional Water Quality Control Board each have specific tank closure requirements. We recommend that a tank removal contractor be retained to file the necessary permits and remove the tank. We have solicited bids from three contractors

Mr. Steve Banker
LCB Associates
February 26, 1992
SCI 611.002
Page 3

with tank removal experience. The contractors and their respective bid estimates are presented below. The bid documents are attached for your review.

Bay Area Tank and Marine, Pacheco	\$5,000
Cottle Industries, Antioch	3,950
KTW & Associates, Fremont	8,870

We have reviewed and discussed the bids with the contractors. It appears that Cottle and KTW did not include the cost of water/product disposal. In addition, Cottle did not include the cost of placing cold patch over piping area. Cottle will provide water and product disposal for about \$1.50/gallon and place cold patch for \$2.50/sq ft. Assuming that the tank contains about 300 gallons and about 30 square feet of cold patch is required, Cottle's bid estimate would be about \$4,600 instead of \$3,950 as indicated.

SCI would be pleased to provide consultant services as necessary during tank removal. We estimate that our fees during tank removal would be on the order of about \$1,500 to \$2,000 assuming no contamination is encountered.

B. Other Site Concerns

Numerous oil stains and oil saturated areas were observed during our limited inspection of the site. In addition, we observed what may be two hydraulic hoists. Depending on the owners future plans for the site, these areas may require remediation. Other areas of environmental concern may also exist in areas not inspected to date such as inside the structure, beneath parked automobiles and boats, and near the other tank location.

Limitations

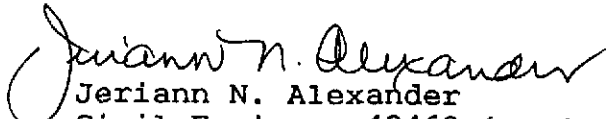
Our study was intended to provide a preliminary means of accessing whether underground storage tanks exist or previously existed at the site. No subsurface investigation or analytical testing has been performed. The services provided should not be considered a Phase I Preliminary Environmental Assessment. The conclusions and recommendations presented here in consist of our professional opinions that are made in accordance with general accepted engineering principals and practices. This warranty is in lieu of all other warranties either expressed or implied.

Mr. Steve Banker
LCB Associates
February 26, 1992
SCI 611.002
Page 4

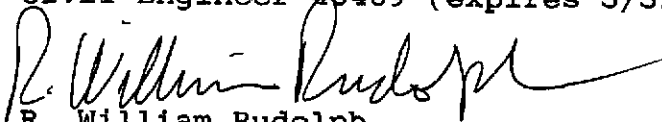
If you have any questions, please call.

Yours very truly,

Subsurface Consultants, Inc.



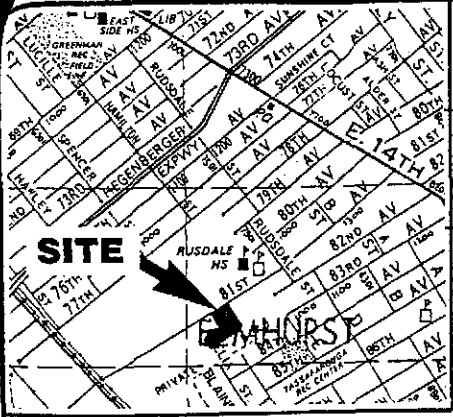
Jeriann N. Alexander
Civil Engineer 40469 (expires 3/31/95)



R. William Rudolph
Geotechnical Engineer 741 (expires 12/31/92)

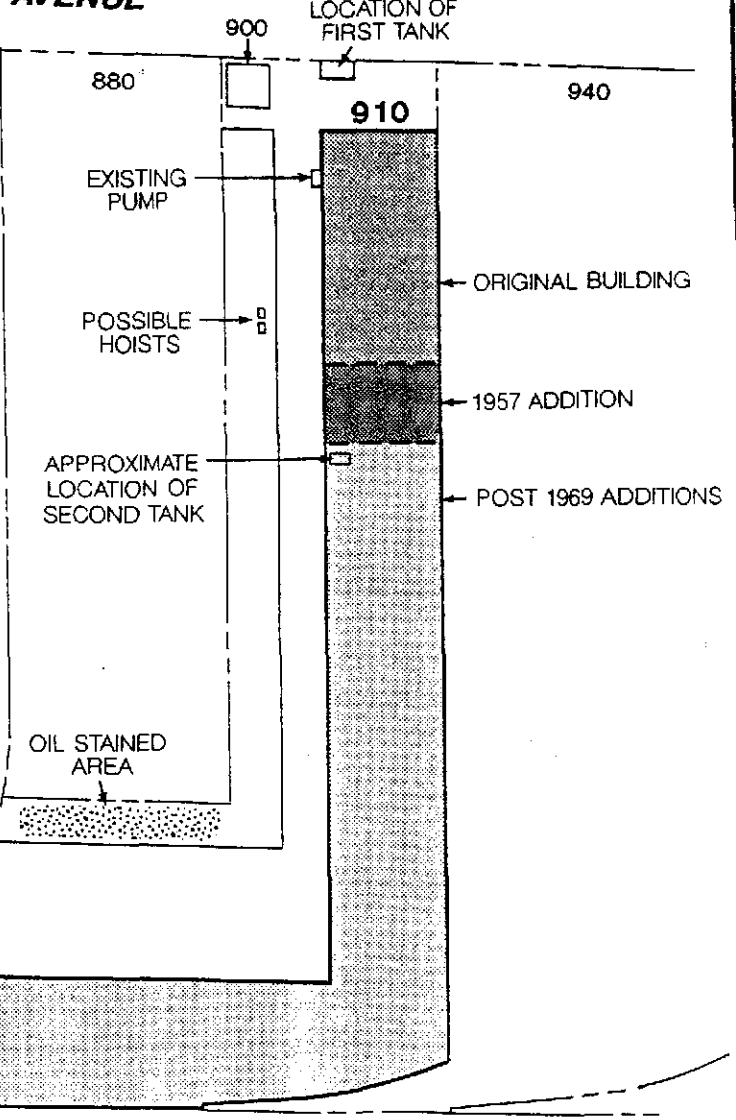
JNA:RWR:sld

Attachment: Site Plan
 Cottle Industries Bid
 BATM Bid
 KTW Bid



VICINITY MAP

81ST AVENUE



APPROXIMATE SCALE (feet)



SITE PLAN

910 81ST AVENUE - OAKLAND, CA

Subsurface Consultants

JOB NUMBER
611.002

DATE
2/26/92

APPROVED
[Signature]

PLATE

1

January 14, 1992

92 JAN 15 PM 2:17

Mr. Edgar Howell
Alameda County Department of Environmental Health
80 Swan Way
Oakland, California 94621

ARCO Products Company Facilities in Alameda County

Dear Mr. Howell:

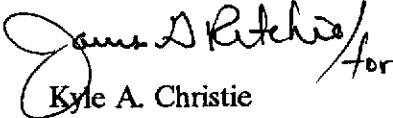
Please find attached, Quarterly Summary Reports (QSRs) for ARCO Products Company Service Stations in Alameda County. The QSRs summarize activities conducted by ARCO at the respective sites during the fourth quarter of 1991; also included are projected site activities for the first quarter of 1992 and 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 a subsequent comprehensive QSR submittal for ARCO sites on April 15, 1992. Please do not hesitate to contact us with any questions regarding this submittal.

Sincerely yours,


for
Kyle A. Christie
Environmental Engineer

Attachments: ARCO Facility QSRs

UST LEAK Date of Last Current
SITE UPDATE Review/Update September 30, 1991 Date December 31, 1991

SITE IDENTIFICATION

Name ARCO SERVICE STATION #2162 Case No.
Address 15135 Hesperian Boulevard
Street Number Street
San Leandro, CA 94578
City Zip Code
Alameda Substance Gasoline
County
Local Agency San Leandro Fire Department
Regional Board San Francisco Bay Region

LEAD STAFF PERSON Gregory Murphy

CASE TYPE

Undetermined Soil Only xx Ground Water Drinking Water

STATUS (Date indicates when case moved into status)

<input type="checkbox"/>	No Action Taken	Date	_____
<input type="checkbox"/>	Leak Being Confirmed	Date	_____
<input type="checkbox"/>	Preliminary Site Assessment Workplan Submitted	Date	_____
<u>xx</u>	Preliminary Site Assessment Underway	Date	6/5/91
<input type="checkbox"/>	Pollution Characterization	Date	_____
<input type="checkbox"/>	Remediation Plan	Date	_____
<input type="checkbox"/>	Remedial Action Underway	Date	_____
<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: ARCO drilled and sampled four soil borings at the Site in June, 1991. The purpose of these soil borings was to evaluate potential levels of petroleum hydrocarbons in soil prior to planned replacement of the underground storage tanks at the Site. Soil in the vicinity of the underground storage tanks have been impacted by petroleum hydrocarbons. Concentrations of total petroleum hydrocarbons as gasoline detected in soil ranged from not detected to 2400 mg/kg.

Please refer to the attached page for a listing of previously submitted reports which document Site history.

RECENT ACTIVITIES/FINDINGS:

The single-walled underground storage tanks at the Site were removed on 12/5/91.

ANTICIPATED ACTIVITIES:

Replacement of underground storage tank will continue.

ARCO FACILITY #2162

Report	Date	Consultant
Preliminary Tank Replacement Assessment	8/28/91	Roux Associates

ENVIRONMENTAL CONSULTING & MANAGEMENT
ROUX ASSOCIATES



1855 GATEWAY BOULEVARD
SUITE 770
CONCORD, CALIFORNIA 94520 510 602-2333 FAX # 510 687-1258

92 JAN -3 AM 8:50

January 2, 1992

Mr. Michael Bakaldin
San Leandro Fire Department
Civic Center, 835 E. 14th Street
San Leandro, CA 94577

RE: ARCO Facility No. 2162
1505 Hesperian Blvd
San Leandro, CA

Dear Mr. Bakaldin:

On behalf of ARCO Products Company (ARCO), Roux Associates (Roux) is requesting authorization to install new gasoline product tanks in the excavation at the above-referenced facility (Site). Four tanks were removed from the excavation on December 5, 1991. The following information will summarize the findings of the work that has been performed to date and present ARCO's plans to investigate hydrocarbons in soil and ground water at the Site.

On December 5, 1991, four gasoline underground storage tanks were removed from the tank complex by Golden West Builders of Brentwood, California. The tanks were inerted with dry ice and liquid nitrogen. Following removal from the tank complex, the tanks were inspected for leaks and holes and were removed from the Site by H&H Environmental Services of San Francisco, California.

On December 6, 1991, the excavation was enlarged and shored to prevent collapse of the excavation walls. Additional soil was removed from the excavation and stockpiled on site.

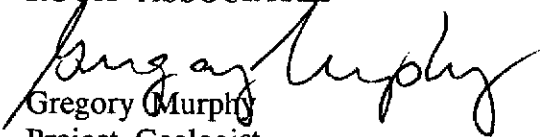
Five soil samples were collected from the sidewalls of the excavation by Roux and submitted for analysis to Sequoia Analytical of Concord, California. Soil sample locations are indicated on the attached Figure 1. Soils were analyzed for Low to Medium Boiling Point Petroleum Hydrocarbons (TPH-G) by USEPA Method 8015 and for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by USEPA Method 8020. The TPH-G concentrations range from 140 parts per million (ppm) to 1,000 ppm. Benzene ranges from below detection to 2.3 ppm. Toluene, Ethylbenzene, and Xylenes range from .11 ppm to 22.0 ppm. The analytical results are summarized on the attached Table 1.

Once the tank and product line replacement project has been completed, ARCO will investigate the extent of petroleum hydrocarbon contamination in soil and ground water at the Site. A work plan to evaluate the extent and degree of contamination will be submitted to your office for review and approval. The work plan will outline the methods and

procedures for drilling soil borings and installing monitoring wells. ARCO will then evaluate appropriate remedial options based on the results of the investigation.

We would like to begin installing new tanks in the existing excavated tank complex as soon as possible and would appreciate your prompt review of this request. Please call if you require additional information.

Sincerely,
ROUX ASSOCIATES


Gregory Murphy
Project Geologist

cc: Lowell Miller, Alameda Co. DHS
Mr. Charles Carmel, ARCO

**Table 1. Sidewall Soil Sample Analytical Results
ARCO Facility No. 2162, San Leandro, California**

<u>Sample Number</u>	<u>Date Sampled</u>	<u>TPH-G</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Xylenes</u>
SW-1	12/5/91	500	ND	0.4	3.5	8.4
SW-2	12/5/91	140	0.1	0.38	3.0	7.2
SW-3	12/5/91	150	0.26	0.11	2.1	2.0
SW-4	12/5/91	610	0.47	7.1	11	82
SW-5	12/5/91	1,000	2.3	9.2	25	220

FOOTNOTES:

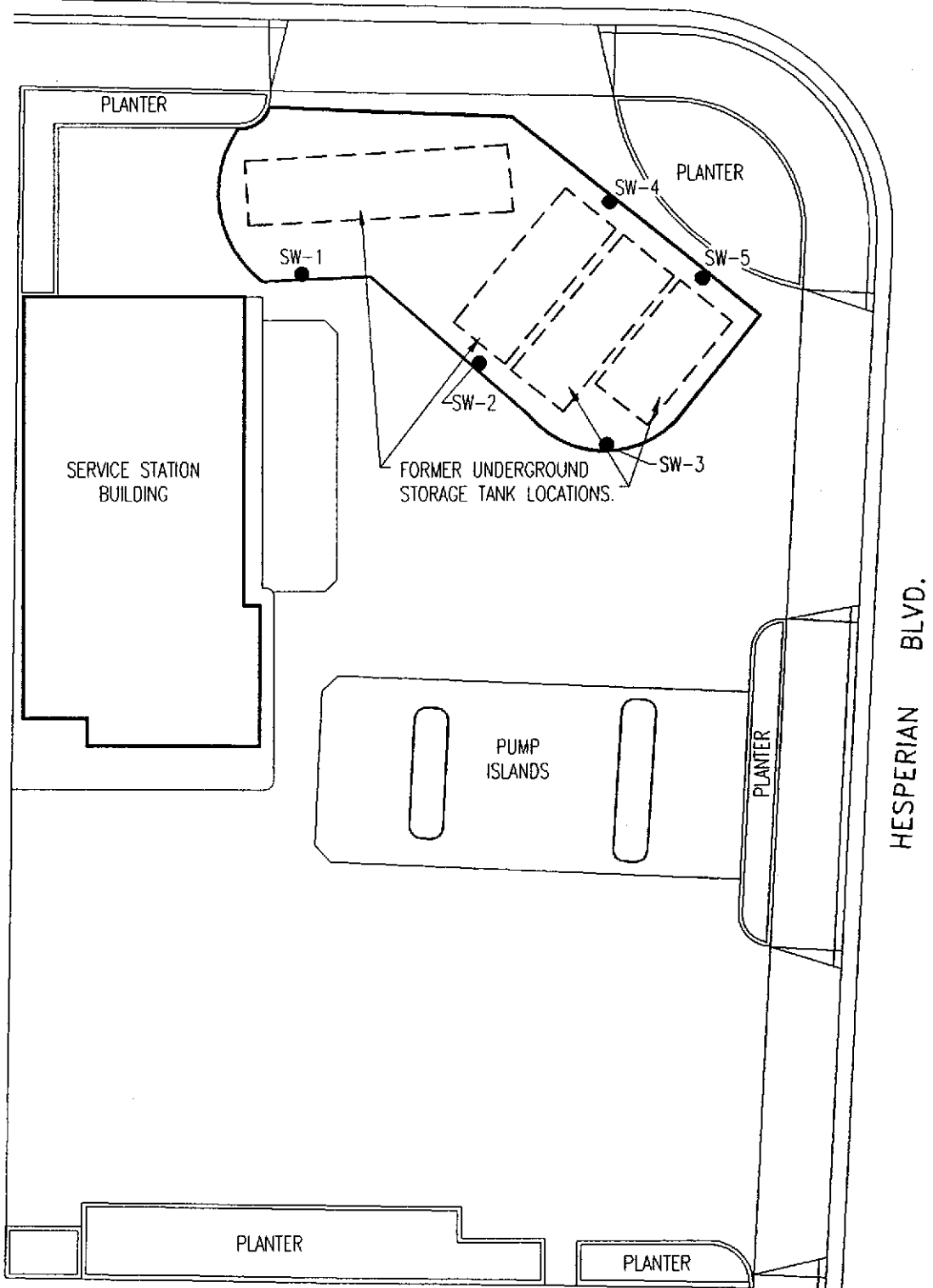
TPH-G = Low to Medium Boiling Point Hydrocarbons by USEPA Method 8015
quantitated against a gasoline standard.

BTEX by USEPA Method 8020.

ND = Not detected.

All analyses reported in parts per million.

RUTH COURT



HESPERIAN BLVD.

SERVICE STATION BUILDING

FORMER UNDERGROUND STORAGE TANK LOCATIONS.

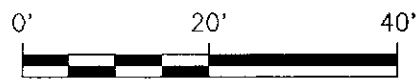
PUMP ISLANDS

PLANTER

PLANTER

EXPLANATION

● SW-1 SIDEWALL SOIL SAMPLE LOCATION AND DESIGNATION.



COMPILED BY:	G.M.
PREPARED BY:	R.P.
PROJECT MNGR.	G.M.
DATE:	12/91
SCALE:	AS SHOWN
PROJECT NO.	A117W01
FILE NAME:	AR216201

PREPARED FOR:	ARCO PRODUCTS COMPANY
TITLE:	LOCATION OF SIDEWALL SOIL SAMPLES
	ARCO FACILITY NO. 2162

FIGURE

1

01-00 P.P. → 8

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY (HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE) <i>Michael Bakaldin</i> 12/17/91 SIGNED: <u>Michael Bakaldin</u> CALIFORNIA REGIONAL BOARD
REPORT DATE 12/10/91	CASE # 20878	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Bernetta Wess	PHONE (415) 571-2434	SIGNATURE <i>Bernetta Wess</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME ARCO Products Company	
	ADDRESS P.O. Box 5811, San Mateo, CA 94402		

QUALITY CONTROL BOARD

RESPONSIBLE PARTY	NAME ARCO Products Company <input type="checkbox"/> UNKNOWN	CONTACT PERSON Chuck Carmel	PHONE (415) 571-2434
	ADDRESS P.O. Box 5811, Attn: Chuck Carmel San Mateo, CA 94402		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) ARCO Facility #2162	OPERATOR David M. Bonar 2	PHONE (415) 571-2434
	ADDRESS 15135 Hesperian Blvd. San Leandro, (Alameda) 94578		
	CROSS STREET Hesperian Blvd./Ruth		

IMPLEMENTING AGENCIES	LOCAL AGENCY City of San Leandro	AGENCY NAME	CONTACT PERSON Michael Bakaldin	PHONE (510) 577-3331
	REGIONAL BOARD RWQCB SAN FRANCISCO BAY REGION		RICHARD HEETT	PHONE (510) 464-1255

SUBSTANCES INVOLVED	(1) Gasoline	NAME	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)		<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 12/10/91	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS
	DATE DISCHARGE BEGAN UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE	

SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
---------------	---	--

CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input checked="" type="checkbox"/> OTHER (OT) Site assessment to commence after tank pull
-----------------	--

COMMENTS
Continuation of site assessment after tank pull activities are completed.

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.

Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.

Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Loans and Grants, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.	
REPORT DATE 12 9 1991		CASE # 20878		SIGNED _____ DATE _____	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Bernetta Wess		PHONE (415) 571-2434	SIGNATURE 	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME ARCO Products Company		
	ADDRESS P.O. Box 5811, San Mateo, CA 94402				
RESPONSIBLE PARTY	NAME ARCO Products Company <input type="checkbox"/> UNKNOWN		CONTACT PERSON Chuck Carmel	PHONE (415) 571-2434	
	ADDRESS P.O. Box 5811 Attn: Chuck Carmel, San Mateo, CA 94402				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) ARCO Facility #2162		OPERATOR David M. Bonar 2	PHONE (510) 276-0047	
	ADDRESS 15135 Hesperian Blvd. San Leandro, (Alameda) 94578				
	CROSS STREET Hesperian Blvd. / Ruth				
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Hazardous Materials Division		CONTACT PERSON Ed Howell	PHONE (510) 271-4320	
	REGIONAL BOARD RWQCB- San Francisco Bay Region		Richard Hiatt	PHONE (510) 464-1255	
SUBSTANCES INVOLVED	(1) NAME Gasoline		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		
	(2) _____		<input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 12 20 1991	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER			
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE _____				
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)				
	<input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (BT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> OTHER (OT) <u>Site assessment to commence after tank pull</u>				
COMMENTS	Continuation of site assessment after tank pull activities are completed.				

QUALITY CONTROL BOARD

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.

Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.

Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Loans and Grants, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

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 9:29

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 8/27/91 Date 9/30/91

SITE IDENTIFICATION

Name ARCO PRODUCTS COMPANY FACILITY NO. 2162 Case No. _____
Address 15135 HESPERIAN BOULEVARD
Street Number SAN LEANDRO, Street _____
City ALAMEDA Zip Code 94578
County _____ Substance _____
Local Agency SAN LEANDRO FIRE DEPARTMENT
Regional Board SAN FRANCISCO BAY REGION

LEAD STAFF PERSON _____

CASE TYPE

Undetermined Soil Only _____ Ground Water _____ Drinking Water _____

STATUS (Date indicates when case moved into status)

_____	No Action Taken	Date	_____
_____	Leak Being Confirmed	Date	_____
_____	Preliminary Site Assessment Workplan Submitted	Date	_____
<input checked="" type="checkbox"/>	Preliminary Site Assessment Underway	Date	<u>6/5/91</u>
_____	Pollution Characterization	Date	_____
_____	Remediation Plan	Date	_____
_____	Remedial Action Underway	Date	_____
_____	Post Remedial Action Monitoring	Date	_____
_____	Case Referred to Regional Board	Date	_____
_____	Case Referred to Dept. of Health Services	Date	_____
_____	Case Closed	Date	_____

COMMENTS

MILESTONES:

RECENT ACTIVITIES/FINDINGS:

ARCO drilled and sampled four soil borings at the Site in June, 1991. The purpose of these soil borings was to evaluate potential levels of petroleum hydrocarbons in soil prior to planned replacement of the underground storage tanks at the Site. Soil in the vicinity of the underground storage tanks have been impacted by petroleum hydrocarbons. Concentrations of total petroleum hydrocarbons as gasoline detected in soil ranged from not detected in 2400 mg/kg.

ANTICIPATED ACTIVITIES:

ARCO Facility No. 2162

Report

Date

Consultant

Preliminary Tank Replacement Assessment

8/28/91

Roux Associates

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

SITE IDENTIFICATION

Name ARCO Service Station 2162 Case No.
Address 15135 Hesperian Boulevard/Ruth Court
Street Number Street
San Leandro 94609
City 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

CASE TYPE

Undetermined Soil Only Ground Water Drinking Water

STATUS (Date indicates when case moved into status)

No Action Taken
 Leak Being Confirmed Date 11/86
 Preliminary Site Assessment Workplan Submitted Date
 Preliminary Site Assessment Underway Date
 Pollution Characterization Date
 Remediation Plan Date
 Remedial Action Underway Date
 Post Remedial Action Monitoring Date
 Case Referred to Regional Board Date
 Case Referred to Dept. of Health Services Date
 Case Closed Date

REMEDIAL ACTIONS

None.

COMMENTS

In November 1986, product and vapor lines were replaced at the site by Gettler-Ryan Inc. Two samples of stockpiled soil from product and vapor line trenches were collected. Stockpiled soil was transported to a local landfill.

No further work is planned at this site at this time.

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

REPORT

DATE

CONSULTANT

Underground Storage Tank Unauthorized
Release (LEAK)/Contamination
Site Report

6/7/88

Brown & Caldwell

Letter, Signature on Leak
Reports

5/3/88

Brown & Caldwell

8/19

Not a case / need folder for file.

Noted E. P. SO. AUG 19 1991

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25407 OF THE HEALTH AND SAFETY CODE
--	--	---

REPORT DATE (MM-DD-YY) 07/31/91	CASE # 18318	SIGNED <i>Michael Bakaldin</i>	DATE 8/13/91
------------------------------------	-----------------	-----------------------------------	-----------------

101

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT MARTIN BASQUES	PHONE (415)-571-2429	SIGNATURE <i>Martin Basques</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME ARCO Products Company	
	ADDRESS P.O. Box 5811	San Mateo	CA 94402
	STREET	CITY	STATE ZP

RESPONSIBLE PARTY	NAME ARCO Products Company <input type="checkbox"/> UNKNOWN	CONTACT PERSON MARTIN BASQUES	PHONE (415)-571-2429
	ADDRESS PO BOX 5811 ATTN: Env.Compl.Dept.	San Mateo	CA 94402
	STREET	CITY	STATE ZP

3

SITE LOCATION	FACILITY NAME (IF APPLICABLE) ARCO FACILITY 02162	OPERATOR DAVID M BONAR 2	PHONE (415)-276-6047
	ADDRESS <u>15135 HESPERIAN BLVD.</u>	SAN LEANDRO	ALAMEDA 94578
	STREET	CITY	COUNTY ZP
	CROSS STREET RUTH/HESPERIAN BLVD		

IMPLEMENTING AGENCIES	LOCAL AGENCY CITY OF SAN LEANDRO	AGENCY NAME	CONTACT PERSON MICHAEL BAKALDIN	PHONE (415)-577-3331
	REGIONAL BOARD SAN FRANCISCO BAY REGION		Lester Fledman	PHONE (415)-464-1255

SUBSTANCES INVOLVED	(1) <u>GASOLINE</u>	NAME	QUANTITY LOST (GALLONS) 1.3 <input type="checkbox"/> UNKNOWN
	(2)		QUANTITY LOST (GALLONS) <input type="checkbox"/> UNKNOWN

DISCOVERY TREATMENT	DATE DISCOVERED (MM-DD-YY) 07/31/1991	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> TANK TEST <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> NUISANCE CONDITIONS <input checked="" type="checkbox"/> OTHER CUSTOMER SPILLED
	DATE DISCHARGE BEGAN (MM-DD-YY) 07/31/1991	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> OTHER STOP PUMPING GAS
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 07/31/1991	

SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input checked="" type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input checked="" type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
---------------	--	--

CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EVACUATE AND DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EVACUATE AND TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SUPPLY (VS) <input type="checkbox"/> OTHER (OT)
-----------------	--

COMMENTS
CUSTOMER SPILLED ABOUT 1-3 GALLONS OF GAS. STATION CLEANED UP SPILL WITH ABSORBENT, THEN PLACED IT IN A BUCKET TO AERATE. ALAMEDA COUNTY HEALTH DEPT. AND OES WERE NOTIFIED.

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Arco #2162 "MP&G Arco" Today's Date 1/23/91
 Site Address 15135 Hesperian Blvd. EPA ID# _____
 City San Leandro, CA Zip 94578 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

Inspection Categories:
 I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 II. Business Plans, Acute Hazardous Materials
 III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

- IA GENERATOR (Title 22)**
- 1. Waste ID * 66471
 - 2. EPA ID 66472
 - 3. > 90 days 66508
 - 4. Label dates 66508
 - 5. Biennial 66493
 - Manifest**
 - 6. Records 66492
 - 7. Correct 66484
 - 8. Copy sent 66492
 - 9. Exception 66484
 - 10. Copies Rec'd 66492
 - Misc.**
 - 11. Treatment 66371
 - 12. On-site Disp. (H.S.&C.) 26189.5
 - 13. Ex Haz. Waste 66570
 - Prevention**
 - 14. Communications 67121
 - 15. Aisle Space 67124
 - 16. Local Authority 67126
 - 17. Maintenance 67120
 - 18. Training 67105
 - Contn. Agency**
 - 19. Prepared 67140
 - 20. Name List 67141
 - 21. Copies 67141
 - 22. Emg. Coord. Trng. 67144
 - Containers, Tanks**
 - 23. Condition 67241
 - 24. Compatibility 67242
 - 25. Maintenance 67243
 - 26. Inspection 67244
 - 27. Buffer Zone 67246
 - 28. Tank Inspection 67259
 - 29. Containment 67245
 - 30. Safe Storage 67261
 - 31. Freeboard 67257
- IB TRANSPORTER (Title 22)**
- 32. Applic./Insurance 66428
 - 33. Comp. Cert./CHP Insp. 66448
 - 34. Containers 66465
 - Manifest**
 - 35. Vehicles 66465
 - 36. EPA ID #s 66531
 - 37. Correct 66541
 - 38. HW Delivery 66543
 - 39. Records 66544
 - Cont'n**
 - 40. Name/ Covers 66545
 - 41. Recyclables 66800

Comments:

1. Gas station with some auto repair.

2. Used oil & antifreeze kept in separate tanks: 500 gal UST for oil, 55 gal Drum for antifreeze. Evergreen oil hauls used oil & antifreeze. Receipts not available.

2. "Safety Clean" solvent bench solvent changed by company monthly. Receipts not available.

3. HMMP in office, prepared by Arco 6/15/90.

4. Arco reconciles gasoline inventory every 3 months. Stick readings & meter inventory compared daily, but not available for examination.

Rev 6/88

Contact: _____
 Title: _____
 Signature: William F. Faulhaber Inspector: William F. Faulhaber
 Signature: [Signature]



91 JAN 15 PM 4:01

TRANSMITTAL

3315 Almaden Expressway, Suite 34
 San Jose, California 95118
 (408) 264-7723 FAX (408) 264-2435

TO: Mr. Rafat Shahid
County of Alameda
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

DATE: 1/15/91
 PROJECT NUMBER: AGS 19011-1
 SUBJECT: Fourth Quarter 1990
ARCO Summary Reports

FROM: Mr. Greg Barclay
 TITLE: General Manager

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

- Shop drawings Prints Reports Specifications
 Letters Change Orders _____

COPIES	DATED	NO.	DESCRIPTION
1	1/15/91	19011-1	Fourth Quarter 1990 Summary Reports for Various ARCO Service Station in Alameda County.

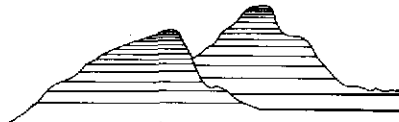
THESE ARE TRANSMITTED as checked below:

- For review and comment Approved as submitted Resubmit ___ copies for approval
 As requested Approved as noted Submit ___ copies for distribution
 For approval Return for corrections Return ___ corrected prints
 For your files _____

REMARKS: These reports are being forwarded to you on behalf of Mr. Kyle Christie of ARCO Products Company.

Copies: 1 to AGS project file no. 19011-1 SJ Reader's File

*Revision Date: 10/15/90
 *File Name: TRANSMT.PRJ



Applied GeoSystems

3315 Almaden Expressway, Suite 34, San Jose, CA 95118 (408) 264-7723

• FREMONT • IRVINE • HOUSTON • BOSTON • SACRAMENTO • CULVER CITY • SAN JOSE

January 15, 1991
0115rsha

Mr. Rafat Shahid
County of Alameda
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

Subject: Fourth Quarter 1990 Summary Reports for various ARCO Service Stations located in Alameda County, California.

Mr. Shahid:

Enclosed are the Quarterly Summary Reports for various ARCO Service Stations in Alameda County, California, as listed below. We are sending you these reports on behalf of Mr. Kyle Christie of ARCO Products Company.

1260 Park Street	Alameda	Service Station 2112
1001 San Pablo Avenue	Albany	Service Station 2035
3000 Shattuck Avenue	Berkeley	Service Station 414
22141 Center Street	Castro Valley	Service Station 2152
2770 Castro Valley Road	Castro Valley	Service Station 4977
40055 Blacow Road	Fremont	Service Station 2147
35900 Fremont Boulevard	Fremont	Service Station 2158
40077 Mission Boulevard	Fremont	Service Station 6201
43500 Grimmer Boulevard	Fremont	Service Station 6206
365 Jackson Street	Hayward	Service Station 1319
899 Rincon Avenue	Livermore	Service Station 771
10600 MacArthur Blvd.	Oakland	Service Station 276
6407 Telegraph Avenue	Oakland	Service Station 374
2110 Mountain/Merced	Oakland	Service Station 623
3310 Park Boulevard	Oakland	Service Station 2107
889 West Grand Avenue	Oakland	Service Station 2169
556 Hegenberger Road	Oakland	Service Station 4494
731 W. MacArthur Blvd.	Oakland	Service Station 4931
52nd Street	Oakland	Service Station 6148

15135 Hesperian Blvd.
17601 Hesperian Blvd.

San Leandro
San Lorenzo

Service Station 2162
Service Station 608

The Regional Water Quality Control Board and ARCO Products Company have no records for the following service station:

1401 Grand Avenue

San Leandro

Service Station 530

We understand that ARCO does not own the service station located at 4191 First Street in Pleasanton, California. Please call me at (408) 264-7723 if you have questions regarding the summary reports.

Sincerely,
Applied GeoSystems


Greg Barclay
Branch Manager

Enclosures: Fourth Quarter 1990 Summary Reports

cc: Mr. Kyle Christie, ARCO Products Company

UST LEAK Date of Last Current
 SITE UPDATE Review/Update October 15, 1990 Date January 15, 1991

SITE IDENTIFICATION

Name ARCO Service Station 2162 Case No. _____
 Address 15135 Hesperian Boulevard/Ruth Court
 Street Number Street
 San Leandro City 94609 ZIP Code
 County Alameda Substance Gasoline
 Local Agency Alameda County Environmental Health Department
 Regional Board Regional Water Quality Control Board - San Francisco Bay Area

LEAD STAFF PERSON ACEHD

CASE TYPE

Undetermined Soil Only Ground Water Drinking Water

STATUS (Date indicates when case moved into status)

<input checked="" type="checkbox"/> No Action Taken	Date _____
<input type="checkbox"/> Leak Being Confirmed	Date _____
<input type="checkbox"/> Preliminary Site Assessment Workplan Submitted	Date _____
<input type="checkbox"/> Preliminary Site Assessment Underway	Date _____
<input type="checkbox"/> Pollution Characterization	Date _____
<input type="checkbox"/> Remediation Plan	Date _____
<input type="checkbox"/> Remedial Action Underway	Date _____
<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

COMMENTS

In November 1986, product and vapor lines were replaced at the site by Gettler-Ryan Inc. Two samples of stockpiled soil from product and vapor line trenches were collected. Stockpiled soil was transported to a local landfill.

No further work is planned at this site at this time.

RESPONSIBLE PARTY IDENTIFICATION (Only if newly discovered or changed)

Name _____
 Contact _____ Phone () _____
 Address _____
 Street Number Street
 City State ZIP Code