

Hwang, Don, Env. Health

From: Hwang, Don, Env. Health
Sent: Thursday, January 26, 2006 5:49 PM
To: 'Alok_Kolekar@URSCorp.com'
Subject: RE: Deadline Extension Request for System Startup and Report Submission (ARCO 2111, 1156 Davis Street, San Leandro, CA)

ok

-----Original Message-----

From: Alok_Kolekar@URSCorp.com [mailto:Alok_Kolekar@URSCorp.com]
Sent: Thursday, January 26, 2006 11:15 AM
To: Hwang, Don, Env. Health
Cc: Drogos, Donna, Env. Health
Subject: Deadline Extension Request for System Startup and Report Submission (ARCO 2111, 1156 Davis Street, San Leandro, CA)

Dear Mr. Hwang:

This email is to update you regarding the status of the ongoing System Construction at ARCO 2111 (1156 Davis Street, San Leandro, CA) as also to notify you regarding the transfer of management responsibility for this site to me, from Scott Robinson, due to URS' internal reorganization. A formal communication regarding this reorganization will be sent to you under separate cover.

As per our prior communication (email) to Ms. Donna Dragos we had anticipated the system construction to be completed by November 2005. Unfortunately due to various logistical delays and sub contractor scheduling issues the system completion and consequently the system start-up is pending. Currently, URS is awaiting PG&E connection at the site and will be able to finalize the system construction subsequently. URS would therefore like to request an extension of the deadline to submit the start-up report. Although System construction is now subject to receiving the PG&E connection, URS expects the construction to be completed by the end of this quarter. URS requests ACEH's approval to submit the start-up report 30 days following system start-up.

URS would like to assure the ACEH that it recognizes the importance of expediting the system start-up at this site, and it continues to direct significant efforts towards getting this system operational.

If you have any questions regarding this submission, please do not hesitate to call me.

Alok D. Kolekar
Environmental Engineer
URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612
(510) 893-3600 - General
(510) 874-3152 - Direct
(510) 874-3268 - Fax
(510) 304-7406 - Cell

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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

May 2, 2005

Paul Supple
Atlantic Richfield
P.O. Box 6549
Moraga, CA 94549

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

Subject: Fuel Leak Case No. RO0000494, ARCO #2111, 1156 Davis Street, San Leandro, California – Workplan Approval & System Start-Up Report Request

Dear Mr. Supple:

Alameda County Environmental Health (ACEH) has reviewed your November 17, 2005, *Offsite Well Installation Work Plan* prepared by URS Corporation for the above-referenced site. ACEH discussed the site with URS on April 28, 2005 and concurs that additional sampling downgradient of the site is necessary. As verbally agreed, 1) no drilling at the proposed location near Lee's Donuts is necessary at this time, and 2) near Liberty Fitness, a pair of soil borings (for lithologic logging then depth discrete groundwater sampling) are needed instead of the proposed monitoring well. We concur with the workplan as modified above, provided the following conditions are met:

1. As required by 23 CCR 2729 and 2729.1, all analytical data, monitoring well locations and top-of-casing elevations will be uploaded to the State Geotracker database. Confirmation will be submitted to ACEH in the report requested below.
2. If deemed necessary by your geologist or engineer to fully define the vertical and lateral extent of contamination, additional soil or groundwater samples will be collected as part of the current investigation efforts. ACEH will be informed via telephone or email of any additions to the sampling and analysis plan. Any additional work will follow the workplan-specified procedures. Dynamic investigations are consistent with USEPA protocol for expedited site assessments, which are scientifically valid and offer a cost-effective approach to fully define a plume and to help progress a case toward closure.
3. 72-hr advance written notification (email preferred) will be provided to ACEH prior to field sampling activities.

Please implement the proposed investigation and submit technical reports following the schedule below. In addition, we request that you address the following technical comments.

TECHNICAL COMMENTS

1. DPE System Startup Evaluation

ACEH understands that a multi-phase extraction (MPE) system has been designed and is currently being permitted for operation at the site. As part of your system startup testing and ongoing system optimization efforts please include the following field measurements: a) depth to water in the extraction wells and an appropriate array of monitoring locations; b) vacuum influence in an appropriate array of monitoring locations; c) wellhead and stinger/drop tube vacuum in each extraction well; d) system vacuum and flow rates; e) vapor extraction rate at

appropriate time intervals; f) total volume of liquids extracted; and g) vapor and groundwater concentrations in system influent and at the extraction points (analytical laboratory data is required in addition to field monitoring with a PID). System startup needs to include collection and analysis of vapor and groundwater samples from the system influent and from the extraction wells. Please submit your system start-up results in the report requested below.

REPORT REQUEST

Please submit your *Soil and Water Investigation and System Start-Up Report* by **October 31, 2005**. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2778 outline the responsibilities of a responsible party for an unauthorized release from an UST system, and require your compliance with this request.

Please call me at (510) 567-6719 with any questions regarding this case.

Sincerely,



Robert W. Schultz, P.G.
Hazardous Materials Specialist

cc: Scott Robinson, URS Corporation, 1333 Broadway, Suite 800, Oakland, CA 94612
Donna Drogos, ACEH
File

Chu, Eva, Env. Health

From: Chu, Eva, Env. Health
Sent: Friday, May 14, 2004 3:39 PM
To: Paul Supple (E-mail) (E-mail); Scott_Robinson (E-mail)
Subject: ARCO #2111 at 1156 Davis Street, San Leandro

Hi Paul, Scott,

I completed review of URS' May 6 2004 *Additional Subsurface Investigation Report* prepared for the above referenced site. Soil borings were advanced in March 2004 in an attempt to better characterize the vertical and horizontal extent of the contaminant plume. Data from this investigation prompted the recommendation to install two downgradient offsite wells (MW-9 and MW-10). It is my opinion that three additional offsite wells be installed downgradient and beyond proposed well MW-9 (onto the Cedar Grove Apartments complex) since the horizontal extent of the plume has not been delineated. And, I'm not sure if MW-10 will provide much pertinent groundwater data. Let me know your thoughts on this. Thanks

eva chu
Alameda County Environmental Health
Sr Environmental Health Specialist
1131 Harbor Bay Parkway
Alameda, CA 94502
(510) 567-6762
(510) 337-9234 (fax)

ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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1131 Harbor Bay Parkway, Suite 250
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(510) 567-6700
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RO0000494

October 22, 2003

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

RE: RAP Approval for ARCO Station 2111 at 1156 Davis St, San Leandro, CA

Dear Mr. Supple:

I have completed review of URS' July 15, 2003 *Remedial Action Plan Addendum* report prepared for the above referenced site. URS' proposal to advance at least 5 soil borings using Direct Push Technology to delineate the vertical and horizontal extent of the plume is acceptable. Based on information collected from this phase of investigation, the location and screen interval of permanent groundwater monitoring well(s) will be determined.

The RAP addendum should be implemented within 60 days of the date of this letter, or by December 29, 2003. Please provide at least 72 hours advance notice of field activities. If you have any questions, I can be reached at (510) 567-6762 or by email at echu@co.alameda.ca.us.

eva chu
Hazardous Materials Specialist

c: Donna Drogos
email: Scott Robinson, URS

arco2111-2

Chu, Eva, Env. Health

From: Chu, Eva, Env. Health
Sent: Wednesday, June 25, 2003 10:07 AM
To: Paul Supple (E-mail) (E-mail); Scott_Robinson (E-mail)
Subject: RAP for ARCO #2111 at 1156 Davis St. San Leandro

Hi Paul and Scott.

I reviewed URS' June 19, 2003 RAP prepared for the above referenced site. The proposal to design and implement DPE at the site is acceptable.

One additional groundwater monitoring well is proposed. I'm not convinced this is the best location for a well. GW has flowed from SW to NW. I want to suggest that you have a number of hydropunches advanced and groundwater collected at various depths and at changes in lithology. Data from the HPs will delineate the vertical and horizontal extent of the plume. Then permanent groundwater monitoring well(s) can be sited and an appropriate screen length determined for the well(s).

The design of the DPE and implementation of the RAP can commence now, does not need to wait until after the offsite wells are completed. Please amend the RAP to address my concerns for plume delineation.

eva chu
Alameda County Environmental Health
Hazardous Materials Specialist
1131 Harbor Bay Parkway
(510) 567-6762
(510) 337-9335 (fax)

ALAMEDA COUNTY
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(510) 567-6700
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RO0000494

April 25, 2003

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

RE: Migration Control at ARCO Station 2111 at 1156 Davis St, San Leandro, CA

Dear Mr. Supple:

Alameda County Environmental Health staff has completed review of the case file for the above referenced site. We are very concerned with the high levels of petroleum hydrocarbons, including benzene and MTBE at and downgradient from your site. In October 2002, a Corrective Action Plan prepared for the site, concluded that natural attenuation would be the most cost-effective approach to remediate the contaminant plume. Presently, groundwater from well MW-2 contains free phase hydrocarbon, and well MW-7 contains 110,000 ppb TPHg, 1,500 ppb benzene, and 120,000 ppb MTBE. The contaminant plume does not appear stable and continues to migrate offsite. The extent of the plume has not been delineated.

This agency does not concur that natural attenuation should be the only remedial alternative for the site. At this time, you must implement migration control to prevent continued creation of a dissolved contaminant plume. It is recommended that dual phase extraction, that was demonstrated in a 78 hour pilot test to be an effective solution in the long term to remediate the site, be used to control migration of BTEX and MTBE. Please outline your proposal for migration control in a Remedial Action Work Plan. The work plan is due within 45 days of the date of this letter, or by June 20, 2003. The work plan should include a proposal to delineate the extent of the plume, too.

If you have any questions, I can be reached at (510) 567-6762 or by email at echu@co.alameda.ca.us.

A handwritten signature in black ink, appearing to read 'Eva Chu'.

eva chu
Hazardous Materials Specialist

c: Donna Drogos

ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



2049

ENVIRONMENTAL HEALTH SERVICES

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STID 744

September 30, 2002

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

As you are aware, this office sent a letter dated June 26th, 2002, which required you to submit a workplan to address the high concentrations of the contaminants at the above referenced site, by July 26, 2002. In fact, there are several wells, which indicated high concentrations of contaminants. For instance, MW-5 well revealed significant concentrations of the constituents with up to 10,000ppb, up to 100ppb, and up to 10,000ppb of TPHG, Benzene, and MTBE respectively. In the same correspondence, this office concurred with the work proposed for the next quarter by Mr. Trevor Atkinson of Delta Environmental Consultants, Inc. However, this workplan has not yet been submitted to this office. Nevertheless, I have received a phone call from your consultant regarding the extension of the above workplan submittal to October 7th, 2002. This extension is granted. However, a Notice of Violation (NOV) shall be issued, if the required workplan is not submitted to this office by October 6th, 2002.

Please call me at (510) 567-6876, if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Amir K. Gholami'.

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Mr. Trevor Atkinson of Delta Environmental Consultants, Inc., 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670-6021
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East 14th Street, San Leandro, CA 94577
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STID 744

December 26, 2001

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

This office is in receipt of both " Schedule for Proposed Dual-Phase High Vacuum Pilot Test and Site Groundwater Remediation" and " Request for Approval of 5-Day Dual-Phase High Vacuum Pilot Test" documents, both dated December 21, 2001, submitted by Mr. Steven Meeks of Delta Environmental Consultants, Inc. regarding the above referenced site.

The following issues have been discussed in these documents:

- Per these documents, Delta Environmental is proposing to perform an extended 5-day high vacuum dual phase extraction (DVDPE) test at the site. This test will use a mobile dual-phase high vacuum oxidizer, which will be connected to the piping connected to MW-7 and MW-2 wells. The extracted groundwater will be stored and disposed of properly, while the extracted soil vapors will be treated by the thermal oxidizer prior to discharge to the atmosphere under approval by Bay Area Air Quality Management District.
- Oxygen Releasing Compounds (ORC) will be used to in MW-1 and MW-5 wells to facilitate natural degradation of dissolved petroleum hydrocarbons in groundwater.
- Monthly liquid phase hydrocarbon verification and bailing will continue in MW-2 and MW-7 wells until the new HVDPE testing has been evaluated.
- The result of this test will be used for potential future remediation system.

If you have any questions, please call me at (510) 567-6876.

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Mr. Trevor Atkinson of Delta Environmental Consultants, Inc., 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670-6021
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East 14th Street, San Leandro, CA 94577
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ALAMEDA COUNTY
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STID 744

October 16, 2001

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

I am in receipt of "Sump Sampling Results", dated August 9, 2001, submitted by Mr. Steven Meeks of Delta Environmental Consultants, Inc. regarding the above referenced site. This report was generated during the sump removal and upgrade activities at the above referenced site. I have reviewed this document, discussed it with Mr. Meek, and would like to make the following comments:

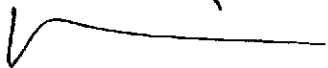
Per this report, the soil sample was taken at two feet after removal of the sump. Various heavy metals, BTEX, MTBE, among other pollutants were analyzed for. The concentrations of the constituents were compared to those guidelines found in California Regional Water Quality Control Board San Francisco Bay Region's Table D. However, the soil at this depth below sump did not detect significant concentration of the pollutant per table 1 within this report.

However, monitoring well analysis, per previous report, indicated significant concentrations of pollutants in the groundwater. There was <0.01" thick sheen observed in the MW-2 and MW-7 wells. Additionally, the concentration of chemical constituents in MW-1, MW-2, and MW-5 wells were significant at 257ppb, 64ppb, and 1,080ppb of TPHG, Benzene, and MTBE respectively in MW-1 well. There were 45,900ppb, 1,090ppb, and 22,400ppb of TPHG, Benzene and MTBE respectively in MW-2 well while MW-5 well revealed 72.9ppb, 2.51ppb, and 19,200ppb of TPHG, Benzene and MTBE respectively.

Per my previous correspondence, please submit a plan, to address the increase in the concentrations of constituent as indicated above by November 2, 2001.

If you have any questions, please call me at (510) 567-6876.

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Mr. Trevor Atkinson of Delta Environmental Consultants, Inc., 3164 Gold Camp
Drive, Suite 200, Rancho Cordova, CA 95670-6021
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East 14th
Street, San Leandro, CA 94577
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STID 744

October 2, 2001

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

I have received and reviewed the "Quarterly Groundwater Monitoring Report, Second Quarter 2001", dated September 18, 2001, submitted by Mr. Steven Meeks of Delta Environmental Consultants, Inc. regarding the above referenced site.

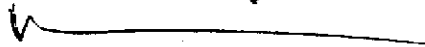
I would like to make the following comments concerning this document:

- According to this report, free product was not present in any of the wells. However, the most significant concentration was that of MTBE at MW-7 at 170,000ppb by EPA method 8260. You must address the increase in the concentrations of the constituents by providing some possible appropriate active remediation plan.
- The concentration of chemical constituents in MW-1, MW-2, and MW-5 wells are still significant at up to 500ppb, up to 24ppb, and up to 1,200ppb of TPHG, Benzene, and MTBE respectively in MW-1 well.
- MW-2 well revealed up to 10,000ppb, up to 100ppb, and 4,500ppb of TPHG, Benzene and MTBE respectively.
- MW-5 well revealed up to 500ppb, up to 5ppb, and 9,400ppb of TPHG, Benzene and MTBE respectively. Some wells indicate an increase in concentrations of some of the constituents while revealing a decrease in the concentration of some others simultaneously.
- The groundwater flow gradient is mostly to the northwest at 0.004 ft/ft per figure 2.

I concur with the work proposed for the next quarter by Mr. Trevor Atkinson of Delta Environmental Consultants, Inc. Furthermore, please submit a plan, to address the increase in the concentrations of constituent as indicated above, within 30 days or by November 2, 2001.

Should you have any questions and or concerns, please call me at (510) 567-6876.

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Mr. Trevor Atkinson of Delta Environmental Consultants, Inc., 3164 Gold Camp
Drive, Suite 200, Rancho Cordova, CA 95670-6021
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East 14th
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ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



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FAX (510) 337-9335

Stid 744

April 4, 2001

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

This office is in receipt the "Quarterly Groundwater Monitoring Report, Fourth Quarter 2000", dated March 27th, 2001, submitted by Mr. Trevor Atkinson of Delta Environmental Consultants, Inc. regarding the above referenced site.

Per this report, free product was not present in MW-2 and MW-7 wells. However, sheen (<0.01" thick) was observed in the same wells.

The concentration of chemical constituents in MW-1, MW-2, and MW-5 wells are still significant at 257ppb, 64ppb, and 1,080ppb of TPHG, Benzene, and MTBE respectively in MW-1 well. MW-2 well revealed 45,900ppb, 1,090ppb, and 22,400ppb of TPHG, Benzene and MTBE respectively. MW-5 well revealed 72.9ppb, 2.51ppb, and 19,200ppb of TPHG, Benzene and MTBE respectively. Sheen was observed in MW-7 well. Some wells indicate an increase in concentrations of some of the constituents while revealing a decrease in the concentration of some others simultaneously.

The remaining wells do not show much change in the concentration of the constituents. The groundwater flow gradient is mostly to the northwest.

I concur with the work proposed for the next quarter by Mr. Mr. Trevor Atkinson of Delta Environmental Consultants, Inc. However, please address the increase in the concentrations of the constituents by providing some possible appropriate active remediation plan.

If you have any questions, please call me at (510) 567-6876.

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Mr. Trevor Atkinson of Delta Environmental Consultants, Inc., 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670-6021
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East 14th Street, San Leandro, CA 94577
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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Stid 744

January 26, 2001

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

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

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

I have received "Quarterly Groundwater Monitoring Report, Third Quarter 2000", dated December 20, 2000, submitted by Mr. Trevor Atkinson of Delta Environmental Consultants, Inc. regarding the above referenced site.

According to this report, the concentration of chemicals in MW-1, MW-2, and MW-5 wells are still significant at 290ppb, 76ppb, and 1,500ppb of TPHG, Benzene, and MTBE respectively in MW-1 well. There was a slight reduction of concentration since previous analysis for MW-1 well. Analytical results for MW-2 well revealed 63,000ppb, 12,00ppb, and 19,000ppb of TPHG, Benzene and MTBE respectively. MW-5 well revealed 54ppb, <0.5ppb, and 13,000ppb of TPHG, Benzene and MTBE respectively. MW-7 well, on the other hand, revealed 8,400ppb, 420ppb, and 5,600ppb of TPHG, Benzene and MTBE respectively. There seems to be some oscillation in the concentrations of some of the constituents within some of the wells.

The remaining wells do not show much change in the concentration of the constituents. The groundwater flow gradient is mostly to the northwest.

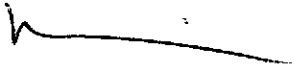
Please explain why this oscillation is being observed.

I concur with the work proposed for the next quarter by Mr. Trevor Atkinson of Delta Environmental Consultants, Inc.

I will be looking forward for the next Quarterly Groundwater Monitoring Report.

Should you have any questions and or concern, please call me at (510) 567-6876.

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Mr. Trevor Atkinson of Delta Environmental Consultants, Inc., 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670-6021
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East 14th Street, San Leandro, CA 94577
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ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



Stid 744

October 25, 2000

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
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RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

This office is in receipt of a document called "Quarterly Groundwater Monitoring Results" by Mr. Stephen Lofholm of the It Group for first Christian Church located at 1190 Davis Street, San Leandro, California. This sampling analysis was performed in relation to the above referenced site. The MW-5 located at the first Christian Church revealed 92ppb, <0.5ppb, and 7,900ppb of TPHG, Benzene, and MTBE respectively.

As you are aware, MTBE is the only significant contaminant in this well.

I understand this is done as a part of Quarterly Groundwater Monitoring program at the above referenced site.

Please call me at (510) 567-6876 should you have any questions.

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Stephen Lofholm of the It Group, 2201 Broadway, Suite 101, Oakland, CA
94612-3023
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East 14th
Street, San Leandro, CA 94577
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ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

Stid 744

October 24, 2000

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

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

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

I am in receipt of the Quarterly Groundwater Monitoring Report dated June 9, 2000 submitted by Mr. Stephen Lofholm of It Group. Per this report, the concentration of chemicals in MW-1, MW-2, and MW-5 wells have increased significantly. There were 190ppb, 4.5ppb, and 3,500ppb of TPHG, Benzene, and MTBE respectively in MW-1 well. MW-2 well revealed 1,700ppb, 270ppb, 55,000ppb of TPHG, Benzene and MTBE respectively. MW-5 well revealed 92ppb, <0.5ppb, 7900ppb of TPHG, Benzene respectively. This is a significant increase in the concentration of MTBE in all the mentioned wells. The concentrations for the remaining wells have not changed much since the last quarterly report. There were also some other contaminants present as well.

The groundwater flow gradient is mostly to the northwest.

I concur with the work proposed for the next quarter by Mr. Stephen Lofholm of the It Group.

I will be looking forward for the next Quarterly Groundwater Monitoring Report.

If you have any questions, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Stephen Lofholm of the It Group, 2201 Broadway, Suite 101, Oakland, CA
94612-3023
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East 14th
Street, San Leandro, CA 94577
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1/56 AND
DATA

5th
744

EDDIE MARTINEZ
PETRON TECHNOLOGIES

(310) 782-7646

Fuller
Contractor
323-806-2986

NO SAMPLING YET
RESCHEDULED TO TUESDAY
OCT 12TH

NOTES TO HIKS:

ONSITE VISIT:

10/13/2000

WENT TO SITE MET WITH EDDIE MARTINEZ, I WENT
TO OBSERVE THE SAMPLING. HOWEVER I WENT RESCHEDULED
DISCUSSED THE SCENARIO WITH EDDIE. RESCHEDULED TO
TUESDAY 17TH OF OCTOBER.

CITY OF SAN LEANDRO

GI TRUCKING
1750 ADAMS STREET
SAN LEANDRO, 577

STID#1373

THIS IS AN ACTIVE SITE. I HAVE MET WITH CHUCK HEADLEY AT THE REQUEST OF THE RP, WHO HAD ASKED THAT THE SITE BE CLOSED. HE SAID NO, THERE'S FREE PRODUCT AT THE SITE. THE NEED TO SUBMIT A PLAN FOR ACTIVE REMEDIATION OF THE FREE PRODUCT.....

[REDACTED]
1150 DAVIS STREET
SAN LEANDRO, CA

STID #744

I HAVE [REDACTED] AS I WAS PRECLUDED FROM SITE VISITS. THERE IS A RISK ASSESSMENT ATTACHED THAT MADULLA [REDACTED] NEED TO [REDACTED] REFER TO ARCO/CONSULTANTS RE SITE.

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

Stid 744

October 12, 2000
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

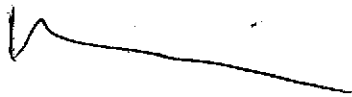
I am in receipt of a document called dated October 3, 2000 regarding the "Destruction of Vapor Extraction Well VW-4 and Proposed Installation of Remediation Piping for Possible Future Use" by Mr. Steven W. Meeks of Delta Environmental in regard to the above referenced site. You may implement this plan to remedy the loss of W-4 well and to facilitate the remediation process. This plan may be implemented during the site upgrade activities to reduce cost.

Furthermore per my previous correspondence the recent quarterly groundwater monitoring had indicated an increase in hydrocarbon impact at the above referenced site; and Mr. VanderVeen of It Group had suggested the use of High Vacuum Extraction to assess this method to provide remedial alternative and interim hydrocarbon removal at the above referenced site.

Additionally per my previous discussion regarding the "High Vacuum Extraction Pilot Test Report" dated May 3, 2000 by the It Group, I concur with the continued monitoring to assess the extent of contamination and the effect of HVE Pilot test as well as using of Vac Truck for interim remediation by quarterly batch extraction from monitoring well MW-2 and MW-7.

Please call me at (510)- 567-6876, should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Amir K. Gholami', with a long horizontal stroke extending to the right.

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Messrs. Trevor Atkinson & Steven W. Meeks, Delta Environmental, 3164 Gold Camp
Drive, Suite 200, Rancho
Cordova, CA
Files

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

Stid 744

September 27, 2000
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

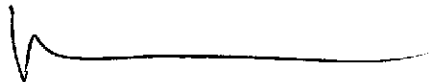
I just received a phone call from your recent consultant, Mr. Trevor Atkinson of Delta Environmental, 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA. Mr. Atkinson indicated that the City of San Leandro will be overseeing a planned excavation of the underground tank(s), during which VE4 well will be taken out since it is located at the where the new tank will be installed. Per Mr. Atkinson, the VE-4 well was never used and is located at cross and up-gradient of the present plume at the above referenced site. However, according to Figure 2 site plan included in High Vacuum Extraction Pilot Test Report dated May 3, 2000 by the It Group, the V-4 well is located down and cross gradient of the plume. Ground water is moving to the west at 0.002 ft/ft. Therefore, I suggest installment of another well to replace the loss of V-4 well presently existing at the site.

Additionally recent quarterly groundwater monitoring had indicated an increase in hydrocarbon impact at the above referenced site. Therefore, Mr. VanderVeen of It Group had suggested the use of High Vacuum Extraction to assess this method to provide remedial alternative and interim hydrocarbon removal at the above referenced site.

Furthermore, I have received and reviewed the "High Vacuum Extraction Pilot Test Report" dated May 3, 2000 by the It Group. I concur with this report regarding the continued monitoring to assess the extent of contamination and the effect of HVE Pilot test as well as using of Vac Truck for interim remediation by quarterly batch extraction from monitoring well MW-2 and MW-7.

If you have any questions, please call me at (510)- 567-6876.

Sincerely,

A handwritten signature in black ink, appearing to read 'Amir K. Gholami', with a long horizontal stroke extending to the right.

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Trevor Atkinson, Delta Environmental, 3164 Gold Camp Drive, Suite 200, Rancho
Cordova, CA
Files



State Water Resources Control Board

CONFIDENTIAL
ATTENTION
00 APR 20 PM 3:40



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
2014 T Street • Sacramento, California 95814 • (916) 227-4366
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf>

Gray Davis
Governor

April 18, 2000

Chris Winsor
Arco Products Company
P O Box 5077
Buena Park, CA 90622-5077

NO OIGY
STUDY ZONE
AG

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF ELIGIBILITY DETERMINATION: CLAIM NUMBER 015312; FOR SITE ADDRESS: 1156 DAVIS ST, SAN LEANDRO

Your claim has been accepted for placement on the Priority List in Priority Class "D" with a deductible of \$10,000.

We have completed our initial review. The next step in the claim review process is to conduct a compliance review.

Compliance Review: Staff reviews, verifies, and processes claims based on the priority and rank within a priority class. After the Board adopts the Priority List, your claim will remain on the Priority List until your Priority Class and rank are reached. At that time, staff will conduct an extensive Compliance Review at the local regulatory agency or Regional Water Quality Control Board. During this Compliance Review, staff may request additional information needed to verify eligibility. Once the Compliance Review is completed, staff will determine if the claim is valid or must be rejected. If the claim is valid, a Letter of Commitment will be issued obligating funds toward the cleanup. If staff determine that you have not complied with regulations governing site cleanup, you have not supplied necessary information or documentation, or your claim application contains a material error, the claim will be rejected. In such event, you will be issued a Notice of Intended Removal from the Priority List, informed of the basis for the proposed removal of your claim, and provided an opportunity to correct the condition that is the basis for the proposed removal. Your claim will be barred from further participation in the Fund, if the claim application contains a material error resulting from fraud or intentional or negligent misrepresentation.

Record keeping: During your cleanup project you should keep complete and well organized records of all corrective action activity and payment transactions. If you are eventually issued a Letter of Commitment, you will be required to submit: (1) copies of detailed invoices for all corrective action activity performed (including subcontractor invoices), (2) copies of canceled checks used to pay for work shown on the invoices, (3) copies of technical documents (bids, narrative work description, reports), and (4) evidence that the claimant paid for the work performed (not paid by another party). These documents are necessary for reimbursement and failure to submit them could impact the amount of reimbursement made by the Fund. *It is not necessary to submit these documents at this time; however, they will definitely be required prior to reimbursement.*

Compliance with Corrective Action Requirements: In order to be reimbursed for your eligible costs of cleanup incurred after December 2, 1991, you must have complied with corrective action requirements of Article 11, Chapter 16, Division 3, Title 23, California Code of Regulations. Article 11 categorized the corrective action process into *phases*. In addition, Article 11 requires the responsible party to submit an

investigative workplan/Corrective Action Plan (CAP) before performing any work. This phasing process and the workplan/CAP requirements were intended to:

1. help the responsible party undertake the necessary corrective action in a cost-effective, efficient and timely manner;
2. enable the regulatory agency to review and approve the proposed cost-effective corrective action alternative before any corrective action work was performed; and
3. ensure the Fund will only reimburse the most cost-effective corrective action alternative required by the regulatory agency to achieve the minimum cleanup necessary to protect human health, safety and the environment.

In some limited situations *interim cleanup* will be necessary to mitigate a demonstrated immediate hazard to public health, or the environment. Program regulations allow the responsible party to undertake interim remedial action after: (1) notifying the regulatory agency of the proposed action, and; (2) complying with any requirements that the regulatory agency may set. Interim remedial action should only be proposed when necessary to mitigate an immediate demonstrated hazard. ***Implementing interim remedial action does not eliminate the requirement for a CAP and an evaluation of the most cost-effective corrective action alternative.***

Three bids and Cost Preapproval: Only corrective action costs required by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. You must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Unless waived in writing, you are required to obtain preapproval of costs for all future corrective action work. ***If you do not obtain three bids and cost preapproval, reimbursement is not assured and costs may be rejected as ineligible.***

If you have any questions, please contact me at (916) 227-4366.

Sincerely,



Shari Knieriem
Claims Review Unit
Underground Storage Tank Cleanup Fund

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Mr. Thomas Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

Stid 744

January 24, 2000
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

I am in receipt of " High Vacuum Extraction Pilot Test, (HVE TEST)" dated November 2, 1999 submitted by Mr. Glen VanderVeen of Pinnacle Environmental Services Inc. I apologize for the delay in response to this document.

I understand that recent quarterly groundwater monitoring has indicated an increase in hydrocarbon impact at the above referenced site. Therefore, Mr. VanderVeen has suggested the use of High Vacuum Extraction to assess this method to provide remedial alternative and interim hydrocarbon removal at the above referenced site.

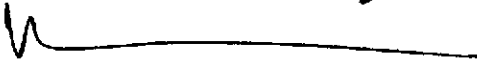
Per this report, the HVE Test was to be performed after the last quarterly monitoring on November 1999 having met other regulatory agencies such as the Bay Area Air Quality District.

I would like to ascertain whether this test has actually been performed. If this test has been performed please send a copy of a report to present the findings of this activity to this office including the assessment of hydrocarbon impact, the total hydrocarbon mass removed, and recommendation for further work regarding the above referenced site.

I will be looking forward for the HVE Pilot Test report.

Should you have any questions, please do not hesitate to call me at (510)- 567-6876.

Sincerely,

A handwritten signature in black ink, appearing to be 'Amir K. Gholami', written over a horizontal line.

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Glen VanderVeen, Pinnacle Environmental Services, 144-A Mayhew
Way, Walnut Creek, CA 94596
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

Stid 744

December 9, 1999

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

This office is in receipt of the Quarterly Groundwater Monitoring Report regarding the third quarter 1999 submitted by Glen VanderVeen of Pinnacle Environmental Services Inc. According to this report, high concentrations of plum constituent still exists on this site. For example, MW-2 well, has revealed up 92,000ppb, 2,200ppb, and 11,000ppb of TPHG, Benzene, and MTBE respectively.

Per this report, MTBE concentration has increased to 6,700ppb and 62,000ppb in MW-5 and MW-7 wells respectively.

There are, of course, other fluctuations among other constituents as well.

I will be looking forward for the 4th quarterly groundwater report.

If you have any questions, please call me at (510)- 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Glen VanderVeen, Pinnacle Environmental Services, 144-A Mayhew
Way, Walnut Creek, CA 94596
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Stid 744

October 14, 1999

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

ENVIRONMENTAL HEALTH SERVICES

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

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

I am in receipt of the Quarterly Groundwater Monitoring Report regarding the second quarter 1999 submitted by Glen VanderVeen of Pinnacle Environmental Services Inc. According to this report the concentrations of all the constituents in the plume are generally high. There are, of course, some fluctuations among some constituents as well.

The wells of concern are MW-2, MW-1, MW-5, and MW-3 wells respectively. As you know these wells have had higher concentrations of plum constituents. MW-2 well, for instance, has revealed up 120,000ppb, 6,900ppb, and 17,000ppb of TPHG, Benzene, and MTBE respectively.

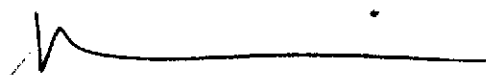
The test for the presence of other oxygenated contaminants such as those of TAME, DIPE, ETBE, TBA, EDB, and EDC revealed some high concentrations of the above within the samples. For instance the MW-7 well indicates up to <50,000ppb of TBA. I would like to remind you of having proper detection limits set during all your laboratory analysis. We have had discussions on this issue in the past.

MTBE Concentration was also tested using EPA Method 8260 to rule out the possibility of false positive.

I will be looking forward for the 3rd quarterly groundwater report.

Should you have any questions, please call me at (510)- 567-6876.

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Glen VanderVeen, Pinnacle Environmental Services, 144-A Mayhew Way,
Walnut Creek, CA 94596
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Stid 744

September 21, 1999

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

ENVIRONMENTAL HEALTH SERVICES

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

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

I just received a phone call from Mr. Glen VanderVeen of Pinnacle Environmental Services who raised a few issues regarding my letter dated September 14th, 1999. In that letter, I expressed concerns for some issues, which had not been previously addressed. These included the following items:

1. Choosing proper detection limits for TPH constituent for laboratory analysis.
2. Performance of EPA method 8260 to rule out false positive for MTBE.
3. Testing for other oxygenated contaminants such as TAME, DIPE, ETBE, TBA, EDB, and EDC.

Per my discussion with Mr. VanderVeen, EPA method 8260 and other oxygenates tests have been addressed and will be included in the next quarterly groundwater monitoring report.

In regard to TPH concentration, we discussed the need to have some objective values on an occasional basis rather than merely less than non-detect "<ND". This will help to make a better assessment of the overall status of the plume, as to whether it is stable, decreasing, and or increasing. However, I do concur with Mr. VanderVeen regarding the constituents MTBE and Benzene, which are definitely more significant constituents than TPH.

I will be looking forward for the next Quarterly Groundwater Monitoring Report.

If you have any questions, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Glen VanderVeen, Pinnacle Environmental Services, 144-A Mayhew Way, Walnut Creek,
CA 94596
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Stid 744

September 14, 1999

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

ENVIRONMENTAL HEALTH SERVICES

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

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

This office is in receipt of the Quarterly Groundwater Monitoring Report dated June 22, 1999 submitted by Pinnacle Environmental Solutions. According to this report, the concentration of chemicals in MW-1 and MW-2 wells have increased significantly. There were 20,000ppb, 580ppb, and 14000ppb of TPHG, Benzene, and MTBE respectively in MW-1 well, which indicated a significant increase. MW-2 well revealed 160,000ppb, 3000ppb, 24,000ppb, 4,400ppb, 31,000ppb, and 23,000ppb of TPHG, BTEX, and MTBE respectively. This is also a significant increase compared to the previous concentration values.

However, the concentrations for the remaining wells have not changed much since the last quarterly report. There were also some other contaminants present as well.

Please be aware, that this office has requested for proper detection limits as well as other issues raised through several previous letters. This includes the performance of EPA method 8260 to rule out false positive for MTBE, and testing for other oxygenated contaminants such as TAME, DIPE, ETBE, TBA, EDB, and EDC.

I will be looking forward for the next Quarterly Groundwater Monitoring Report.

Additionally, Kevin Tinsley, no longer works at this office.

Should you have any questions, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

Glen VanderVeen, Pinnacle Environmental Services, 144-A Mayhew Way, Walnut Creek,
CA 94596
Files

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

Stid 744

March 22, 1999

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

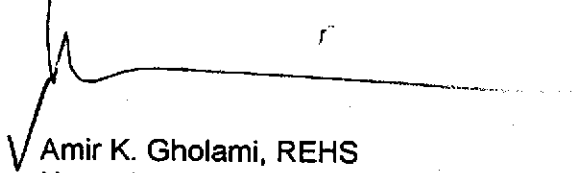
I am in receipt of the Quarterly Groundwater Monitoring Report dated March 8, 1999 submitted by Pinnacle Environmental Solutions. This report indicates that the concentration of chemicals in all monitoring wells have diminished except MW-2, MW-5, and MW-7 wells which contain <18ppb, <2.5ppb, 54ppb of Benzene, and 1100ppb, 300ppb, 3000ppb of MTBE respectively for the indicated wells. However, the concentrations for the above constituents in their respective well have also diminished since the last quarterly report submitted in December of 1998. There are some other contaminants present as well.

Please ensure that proper detection limits are used for all the constituents and address the previous issues indicated in my last correspondence as well. The issues previously addressed included performing of EPA method 8260 to rule out false positive for MTBE, and testing for other oxygenated contaminants such as TAME, DIPE, ETBE, TBA, EDB, and EDC at least once.

I will be looking forward for the next Quarterly Groundwater Monitoring Report.

If you have any questions, please call me at (510) 567-6876.

Sincerely,

A handwritten signature in black ink, starting with a checkmark-like flourish on the left and extending horizontally to the right.

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Glen VanderVeen, Pinnacle Environmental Services, 144-A Mayhew Way, Walnut Creek,
CA 94596
Files

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

Stid 744

February 8, 1999

Mr. Paul Supple
Arco Product Company
PO Box 6549
Moraga, CA 94570

RE: Arco Station # 2111 located at 1156 Davis Street, San Leandro, CA

Dear Mr. Supple:

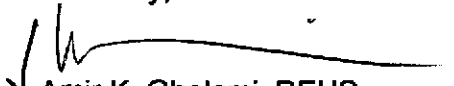
I have received and reviewed the Quarterly Groundwater Monitoring Report dated December 30th, 1998 submitted by Pinnacle Environmental Solutions. This report indicates that the concentration of chemicals in all monitoring wells have diminished except MW-2, MW-5, and MW-7 wells which contain <25ppb, <5ppb, 180ppb of Benzene, and 1500ppb, 570ppb, 4200ppb of MTBE respectively for the indicated wells. There are some other contaminants present as well. **Please ensure proper detection limits are used for all the constituents and address the following issues as well:**

1. Make certain that the MTBE level indicated by the lab analysis is not a false positive by performing "EPA method 8260".
2. According to Cal /EPA's guidelines and Chuck Headlee of Regional Water Quality Control Board (RWQCB) you need to test for the presence of other oxygenated contaminants such as those of TAME, DIPE, ETBE, TBA, EDB, and EDC at least once to ensure absence of the indicated constituents.

This is a formal request for technical information and hence any delays should be requested in writing.

If you have any questions, please call me at (510) 567-6876.

Sincerely,


✓ Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Glen VanderVeen, Pinnacle Environmental Services, 144-A Mayhew Way, Walnut Creek,
CA 94596
Files

LOP - RECORD CHANGE REQUEST FORM

printed:
08/11/97

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: BO

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12035
 StID : 744 LOC:
 SITE NAME: ARCO Station #2111 DATE REPORTED : 08/15/94
 ADDRESS : 1156 Davis St DATE CONFIRMED: 08/15/94
 CITY/ZIP : San Leandro 94577 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 4 PRIOR CODE:2A4 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 09/08/94
 PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 09/08/94
 LUFT FIELD MANUAL CONSID: 2
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 08/15/94 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Michael Whelan
 COMPANY NAME: Arco Products Company
 ADDRESS: P. O. Box 612530
 CITY/STATE: San Jose, C A 95161

INSPECTOR VERIFICATION:					
NAME	SIGNATURE			DATE	
DATA ENTRY INPUT:					
Name/Address Changes Only			Case Progress Changes		
ANPPGMS	LOP	DATE		LOP	DATE

*Brian -
 could you take
 over this case?
 See me w/ questions
 Jm*

TABLE 1
CUMULATIVE GROUNDWATER MONITORING DATA
ARCO Station 601
San Leandro, California
(page 4 of 9)

Date Well Measured	Total Depth	Well Elevation	Depth to Water	Water Elevation	Floating Product
<u>MW-4 (cont.)</u>					
10/10/91			Dry		None
11/21/91			Dry		None
12/24/91			Dry		None
01/19/92	12.02		3.20	Residual Water	None
02/20/92	8.50		8.13	Residual Water	None
03/23/92			7.94	Residual Water	None
04/21/92			8.20	Residual Water	None
05/15/92			8.16	Residual Water	None
06/08/92			8.12	Residual Water	None
07/15/92	8.90		8.81	Residual Water	None
08/25/92			8.39	Residual Water	None
09/15/92			Dry		None
10/28/92	8.4		8.23	Residual Water	None
11/16/92	8.5	20.75	8.29	Residual Water	None
12/16/92	8.5		8.18	Residual Water	None
01/15/93			7.48	13.27	None
02/16/93			7.10	13.65	None
03/30/93			7.51	13.24	None
04/28/93			7.10	13.65	None
05/13/93			7.02	13.73	None
06/17/93			7.98	12.77	None
07/28/93			7.90	12.85	None
08/17/93			7.85	12.90	None
11/08/93			8.20	Residual Water	None
<u>MW-5</u>					
06/10/91	9.88	20.90	7.58	13.32	None
07/18/91			7.97	12.93	None
08/22/91			8.18	12.72	None
09/18/91			8.31	12.59	None
10/10/91			8.51	12.39	Sheen
11/21/91			8.13	12.77	None
12/24/91			8.32	12.58	None
01/19/92	10.10		7.50	13.40	None
02/20/92			5.97	14.93	None
03/23/92			6.06	14.84	None
04/21/92			6.90	14.00	None
05/15/92			7.32	13.58	None
06/08/92			7.66	13.24	None
07/15/92			8.34	12.56	None
08/25/92			8.18	12.72	None
09/15/92			8.40	12.50	0.02+

See notes on page 9 of 9

Kevin,

After I received, the Risk assessment dated, May 23 1996, ~~to~~ I had some questions on the evaluation. They responded through letter dated 6/10/97. ~~Based~~ Based on their response, the risk assessment is OK & the site does not appear to be a problem

Madhulla Logan

#744
BO

1156 Davis St.
San Leandro, CA
94577

ALAMEDA COUNTY ENVIRONMENTAL
HEALTH DEPARTMENT

ENVIRONMENTAL PROTECTION DIVISION
1131 Harbor Bay Parkway, Suite #250
Alameda, CA 94502-6577
Telephone (510) 567-6700
Fax Number (510) 337-9335

FAX COVER SHEET

DATE: August 16, 19 95

TO: MICHAEL WHELAND

ARCO

FAX # (408) 377-8361

Total number of pages including cover sheet 2

FROM: SUSAN HUGO

NOTE:

Per your request.

(SMILE) have a nice day.
DO SOMETHING FOR OUR ENVIRONMENT.

LIST OF ARCO SITES WITH UGT CLEANUP
(August 16, 1995)

<u>STID#</u>	<u>ACHD CONTACT</u>	<u>ARCO#</u>	<u>ADDRESS</u>
3629	Susan Hugo	2112	1260 Park Street, Alameda 94501
817	Amy Leech	5387	20200 Hesperian Blvd. Hayward 94541
3943	Scott Seery	2152	22141 Center St., Castro Valley 94546
3883	Susan Hugo	6113	785 E. Stanley Blvd., Livermore 94550
3873	Susan Hugo	771	899 Rincon Avenue, Livermore 94550
1053	Eva Chu	6041	7249 Village Parkway, Dublin 94568
779	Amy Leech	608	17601 Hesperian Blvd. San Lorenzo 94580
3876	Barney Chan	2185	9800 East 14th Street, Oakland 94603
3756	Barney Chan	276	10600 MacArthur Blvd. Oakland 94605
3874	Susan Hugo	4931	731 W. MacArthur Blvd. Oakland 94609
3884	Susan Hugo	374	6407 Telegraph Avenue, Oakland 94609
3626	Susan Hugo	6148	5131 Shattuck Avenue, Oakland 94609
3890	Barney Chan	2107	3310 Park Blvd. Oakland 94610
3854	Barney Chan	4494	566 Hegenberger Road, Oakland 94621
3793	Susan Hugo	2169	889 W. Grand Ave. Oakland 94607
3858	Barney Chan	2035	1001 San Pablo Avenue, Albany 94706
4275	Scott Seery	601	712 Lewelling Blvd. San Leandro 94579
744	Dale Kletke	2111	1156 Davis Street, San Leandro 94577



EMCON Associates

1921 Ringwood Avenue • San Jose, California 95131-1721 • (408) 453-7300 • Fax (408) 437-9526

FAX TRANSMITTAL

TO: SCOTT SEERY
FROM: JOHN YOUNG

DATE: 7/13/95
TIME: 17:30

Number of Pages 2 (Including Cover Page)

If you have received this communication in error, please notify us at the telephone number listed above.

Sender Note: Complete if applicable.

CLIENT: _____
PHONE #: _____

Project/Task #: _____
FAX #: _____

Unless otherwise indicated or obvious from the nature of the transmittal, the information contained in this facsimile message is confidential information intended for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited.

COMMENTS: RE: ARCO 2111 WORKPLAN
1156 DAVIS ST SAN LEANDRO

ORIGINAL TO FOLLOW: _____ ORIGINAL WILL NOT FOLLOW: X BROADCAST: _____

ANY QUESTIONS REGARDING THIS TRANSMISSION, PLEASE CALL THE NUMBER LISTED ABOVE

**EMCON**

1921 Ringwood Avenue • San Jose, California 95131-1721 • (408) 453-7300 • Fax (408) 437-9526

July 13, 1995
Project 0805-127.01

Mr. Scott O. Seery
Alameda County Department of Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway #250
Alameda, CA 94502-6577

Re: ARCO Station # 2111, 1156 Davis Street, San Leandro, CA

Dear Mr. Seery:

The work proposed in EMCON's workplan for ARCO service station #2111, dated June 19, 1995, will be completed under the supervision of a California Registered Geologist. A report documenting the field activities at ARCO service station #2111 will also be signed by a California Registered Geologist.

Sincerely,

EMCON

John C. Young
Project Manager

Richard H. Green, R.G.
Director of Facility
Investigation and Remediation





EMCON

1921 Ringwood Avenue • San Jose, California 95131-1721 • (408) 453-7300 • Fax (408) 437-9526

March 20, 1995
Project 0805-127.01

Mr. Scott Seery
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, #250
Alameda, California 94502-6577

Re: ARCO service station 2111, 1156 Davis Street, San Leandro

Dear Mr. Seery:

EMCON, on behalf of ARCO Products Company, is in the process of preparing a workplan for additional assessment activities at the referenced site. The workplan will be submitted to your office in April 1995. Please call if you have any questions.

Sincerely,

EMCON

Peter T. Christianson
Project Geologist

cc: Michael Whelan, ARCO





EMCON

1921 Ringwood Avenue • San Jose, California 95131-1721 • (408) 453-7300 • Fax (408) 437-9526

February 3, 1995
Project 0805-127.01

Mr. Scott O. Seery
Alameda County Department of Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

San Leandro

Re: Site Activities, ARCO service station 2111, ~~Oakland~~, California

Dear Mr. Seery:

At the request of ARCO Products Company (ARCO), EMCON prepared this summary of site activities for Fourth Quarter 1994, and projected site activities for First Quarter 1995 for ARCO service station 2111, 1156 Davis Street, San Leandro, California.

Fourth Quarter 1994

EMCON submitted to the Alameda County Health Care Services Agency (ACHCSA) two reports prepared by GeoStrategies, Inc., documenting the hydraulic hoist removal and initial subsurface investigation at the site.

First Quarter 1995

EMCON is currently preparing a workplan for waste-oil tank characterization. EMCON will then submit the workplan to the ACHCSA for review. Upon receiving workplan approval, EMCON will begin pre-field activities.

If you have any questions, please call.

Sincerely,

EMCON

Rob Davis
Staff Geologist

John C. Young
Project Manager

cc: Mike Whelan, ARCO





EMCON

1921 Ringwood Avenue • San Jose, California 95131-1721 • (408) 453-7300 • Fax (408) 437-9526

ALCO
PRZMAT

93 JAN -9 AM 9:20

January 6, 1995
Project 0805-127.01

Mr. Scott O. Seery, CHMM
Alameda County Department of Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, #250
Alameda, California 94502-6577

Re: ARCO Service Station No. 2111, 1156 Davis Street, San Leandro, California

Dear Mr. Seery:

ARCO Products Company (ARCO) has received your December 29, 1994, letter requesting additional documentation of site characterization activities at the above referenced site. Based on your request, EMCON, at the request of ARCO, has enclosed with this letter copies of the following reports: *Letter Report of the Results of Soil Sampling Associated with Hydraulic Hoist Removal at ARCO Station 2111* by GeoStrategies Inc. (GSI), dated October 4, 1993, and *Report of Initial Subsurface Investigation* by GSI, dated April 13, 1994. In your letter you requested a March 31, 1994, GSI report with the same title as the enclosed April 13, 1994, GSI Report of Initial Subsurface Investigation. We believe these reports both refer to the same investigation.

At ARCO's request, please include EMCON on any future correspondence between ARCO and the Alameda County Department of Environmental Health. EMCON will now oversee this site under ARCO's consultant consolidation program. Please forward copies of correspondence related to this site to:

EMCON
1921 Ringwood Avenue
San Jose, California 95131
Attn: John Young



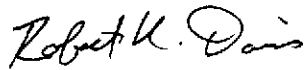
Mr. Scott O. Seery, CHMM
January 6, 1995
Page 2

Project 0805-127.01

Please call if you have any questions.

Sincerely,

EMCON



Rob Davis
Staff Geologist



John C. Young
Project Manager

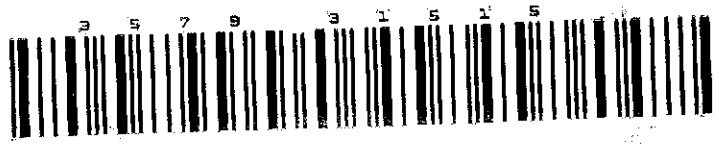
Attachments: *Letter Report of the Results of Soil Sampling Associated with Hydraulic Hoist Removal at ARCO Station 2111, GeoStrategies Inc. (GSI), October 4, 1993*
Report of Initial Subsurface Investigation, GSI, April 13, 1994

cc: Mr. Mike Whelan, ARCO Products Company

3579931515

4321M

3579931515



0951-0678-1

1/6/95

408-453-7300

ROB DAVIS

Scott Seery

EMCON ASSOCIATES

Alameda County Dept. of Environmental Health

1921 RINGWOOD AVE

1131 Harbor Bay Parkway #250

SAN JOSE

CA 95131

Alameda

CA 94502-6577

0805-127.01



REVISION DATE 4/84

160

X

ARCO # 2111
1156 Davis St.
San Leandro

1/9/95

REVIEW OF SUPPLEMENTAL REPORTS

10/4/93 Geo Strategies - hydraulic lift removal/sampling report

- Aug. 30, 1993 - soil samples collected @ four depths (7, 7½, 8, 9' BE)
- (Apparent?) fill surrounded moist to approx. 8' BE, comprised of "coarse-grained sand and silt"
- Post hole digger used to extend excavation to ~ 9' BE
- Underlying native material comprised of clayey silt (damp-to-moist)

sample	depth	TPH - hydraulic oil (ppm)
S-7-HL	7	27,000
S-7½-HL	7½	22,000
S-8-HL	8	11,000
S-9-HL	9	9,200

- GW was not encountered

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

STID 744

ALAMEDA COUNTY CC4580
DEPT. OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

December 29, 1994

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

RE: ARCO STATION #2111, 1156 DAVIS STREET, SAN LEANDRO

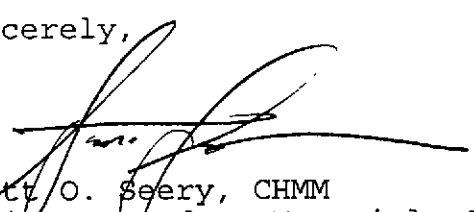
Dear Mr. Whelan:

I have completed review of the September 27, 1994 GeoStrategies, Inc. (GSI) report documenting the results of the August 1994 waste oil underground storage tank (UST) removal, and associated pit over-excavation and sampling. This report confirms that a release from the subject waste oil UST has clearly occurred at this site.

The September 1994 GSI UST closure report is the only technical document in the case file for this site. Reference is made in this report of a previous environmental investigation documented in the March 31, 1994 GSI *Report of Initial Subsurface Investigation*. In order to assist this office in providing informed technical oversight of this case, please submit a copy of the March 1994 GSI report, and any others which we have yet to receive, within the next 30 days.

Please call me at 510/567-6783 should there be any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director
Gil Jensen, Alameda County District Attorney's Office
Mike Bakaldin, San Leandro Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

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

STID 744

September 16, 1994

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

RE: ARCO STATION #2111, 1156 DAVIS STREET, SAN LEANDRO

Dear Mr. Whelan:

Local agency oversight responsibility for the pending environmental investigation at the referenced site has been delegated to Alameda County from the city of San Leandro. You may have already received the *Notice of Requirement to Reimburse* issued September 9, 1994, a requirement of the State Water Resources Control Board's (SWRCB) contract with the county, a Local Oversight Program agency.

Please forward all environmental reports issued to date, as well as those to be issued in the future, for this site, particularly the pending report documenting the recent waste oil tank closure.

Please call me at 510/567-6783 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Director, Environmental Services
Gil Jensen, Alameda County District Attorney's Office
Mike Bakaldin, San Leandro Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

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

STID 744

September 16, 1994

REC'D SEP 21 1994

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

RE: ARCO STATION #2111, 1156 DAVIS STREET, SAN LEANDRO

Dear Mr. Whelan:

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Please forward all environmental reports issued to date, as well as those to be issued in the future, for this site, particularly the pending report documenting the recent waste oil tank closure.

Please call me at 510/567-6783 should you have any questions.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialistcc: Rafat A. Shahid, Director, Environmental Services
Gil Jensen, Alameda County District Attorney's Office
Mike Bakaldin, San Leandro Fire Department510 OCT -6 PM 9:41
HAZMAT

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

ALCO
HAZMAT



94 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 Lewalling 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 Zur Linden 9616 micro Ave Sacramento, CA 95813-3449 (916) 444-0123 --- Fax (916) 856-5277	NW	Mat 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 Cleve Solomon 650 N Sierra Madre Villa, Suite 204 Pasadena, CA 91107 (818) 351-4814 -- Fax (818) 351-4822	NW SW	Norma Gutierrez 2025 Gate Way Place, Suite 440 San Jose, CA 95110 (408) 441-7500 Fax (408) 441-7539
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 Kyle Emerson 1180 Nevada St, Suite 200 Redlands, CA 92374 (909) 335-6116 --- Fax (909) 335-6120 Bob Wilson 3485 Sacramento Dr, Suite A San Luis Obspo, CA 93401-7160 (805) 546-0455 --- Fax (805) 546-0583	NW SW SW	Cindy Malloy 1734 - 34th St Sacramento, CA 95816-7004 (916) 456-4333 Fax (916) 456-0110

ARCO # 2111
1156 Davis
San Leandro

STID 744

CASE FILE REVIEW

9/27/94 Geo Strategies, Inc. (ESI) - UST closure report

- o Aug. 15, 1994 - one (1) 280 gallon waste oil UST removed
- o both pin-sized and other **holes** up to ~ 1 cm in size observed along the tank's top
- o UST bottom was @ ~ 9' BG
- o soil below tank consisted of gravelly sandy silt - **STAINED**
- o Seven (7) soil samples collected.
- o Aug 15-16, 1994 - over excavation to a depth of ~ 18.5' BG
- o **Excavated material was stained and exhibited odor of "waste oil"**
- o Sept. 12, 1994 - new 600 gallon UST installed in same pit
- o significant TPH-D/mo range compounds detected, including 18.5' sample () with 2800 ppm TRPH

SOU

PPM

	sample	depth	TPH-MD	TPH-D	TPH-G	TRPH TPH	VOC SVOC	metals
	WO-E	10	ND	ND	NA	NA	NA	NA
	WO-W	10.5	"	"	"	"	"	"
	WO-N	14	12	2.8	"	"	"	"
	WO-S	12.5	ND	ND	"	"	"	"
INITIAL	WO-1	9.5	NA	780	310	7900	< 2.5	Pb = 56
	WO-B	14.5	800	660	NA	NA	NA	NA
FINAL	WO-B2	18.5	2000	400	130	2800	< 2.5	Pb = 52

STOCKPILE	CCS-1A-1D	-	840	NA	5.7	960	
	CCS-2A-2D	-	1400	"	6.1	2300	

		B	T	E	X	SVOC
	WO-E					NA
	WO-W					"
	WO-N					"
	WO-S					"
initial	WO-1			0.38	0.8/2.3	ND
	WO-B					NA
FINAL	WO-B2	0.18	0.51		0.26	ND

DATE: 9-7-94
TO : Local Oversight Program
FROM: Scott
SUBJ: Transfer of Eligible Local Oversight Case

Norma - ✓ and a/s
Please assign
STID* and transfer
into LOP.

STID
744

Site name: ARCO STATION #2111
Address: 1156 Davis Street city S. Leandro zip ? 94577

TO BE ELLIGIBLE FOR LOP A CASE MUST MEET 3 QUALIFICATIONS:

1. Number of Tanks: 1 removed? Y N Date of removal 8-15-94
2. Samples received? Y N Contamination level: 7900 ppm TRPH
(ppm and type of test)

Contamination should be over 100 ppm TPH to qualify for LOP

3. Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents

DepRef remaining \$ NA Closed with Candace/Leslie? Y N NA
(If no explain why?)

IF YOUR SITE MEETS ALL OF THE ABOVE QUALIFICATIONS YOU SHOULD DO THE FOLLOWING TO TRANSFER THE SITE:

1. YOU MUST CLOSE THE DEPOSIT REFUND CASE AT THIS TIME. YOU MUST ACCOUNT FOR ALL TIME YOU HAVE SPENT ON THE CASE AND TURN IN THE ACCOUNT SHEET TO LESLIE. IF THERE ARE FUNDS STILL REMAINING IT IS STILL BETTER TO TRANSFER THE CASE TO LOP AS THE RATE FOR LOP ALLOWS THE ADDITION OF MANAGEMENT AND CLERICAL TIME. DO NOT ATTEMPT TO CONTINUE TO OVERSEE THE SITE SIMPLY BECAUSE THERE ARE FUNDS REMAINING!
2. COMPLETE THE A AND B PERMIT APPLICATION FORMS AND GIVE TO CONNIE/ELAINE
3. GIVE THE ENTIRE CASE TO THE PROPER LOP STAFF UPSTAIRS FOR THEM TO DO THE REST OF THE TRANSFER AND YOU ARE DONE!

Arco owned site

4/13/94

ES1 subsurface investigation report

- Nov 4, 1994 - two (2) soil borings drilled outside building, west of w.o. UST, and west and north of hydraulic lift (tank?), to ~~first GW~~
- Soil samples collected @ 5' intervals (total of 8 samples)
- Chromatogram interpretation by lab indicate presence of unidentified/discrete peaks, apparently unrelated to hydraulic oil

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

AMMP on file,

but ARCO-supplied update form had incorrect phone #'s

Site ID# _____ Site Name Smog Pro - ARCO Today's Date 1/18/91
 Site Address 1156 Davis St EPA ID# _____
 City San Leandro Zip 94577 Phone (415) 562-4275

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)

LA GENERATOR (Title 22)

	<input type="checkbox"/> 1. Waste ID	66471
	<input type="checkbox"/> 2. EPA ID	66472
	<input checked="" type="checkbox"/> 3. > 90 days	66508
	<input type="checkbox"/> 4. Label dates	66508
	<input type="checkbox"/> 5. Biennial	66493
Manifest	<input checked="" type="checkbox"/> 6. Records	66492
	<input type="checkbox"/> 7. Correct	66484
	<input type="checkbox"/> 8. Copy sent	66492
	<input type="checkbox"/> 9. Exception	66484
	<input type="checkbox"/> 10. Copies Rec'd	66492
Misc.	<input type="checkbox"/> 11. Treatment	66371
	<input type="checkbox"/> 12. On-site Disp. (H.S.&C.)	26189.5
	<input type="checkbox"/> 13. Ex Haz. Waste	66570
Prevention	<input type="checkbox"/> 14. Communications	67121
	<input type="checkbox"/> 15. Aisle Space	67124
	<input type="checkbox"/> 16. Local Authority	67126
	<input type="checkbox"/> 17. Maintenance	67120
	<input type="checkbox"/> 18. Training	67105
Cont'n. Agency	<input type="checkbox"/> 19. Prepared	67140
	<input type="checkbox"/> 20. Name List	67141
	<input type="checkbox"/> 21. Copies	67141
	<input type="checkbox"/> 22. Emg. Coord. Tmg.	67144
Containers, Tanks	<input type="checkbox"/> 23. Condition	67241
	<input checked="" type="checkbox"/> 24. Compatibility	67242
	<input type="checkbox"/> 25. Maintenance	67243
	<input type="checkbox"/> 26. Inspection	67244
	<input type="checkbox"/> 27. Buffer Zone	67246
	<input type="checkbox"/> 28. Tank Inspection	67259
	<input type="checkbox"/> 29. Containment	67245
	<input type="checkbox"/> 30. Safe Storage	67261
	<input type="checkbox"/> 31. Freeboard	67257

Comments:

1. Hazardous Materials Inventory
 Gasoline: 36000 gallon max Reg 45 Super UL
 Reg. include 12, 100 gal each
 Other: Waste oil UST No records available.

2. Hazardous Waste Management
 Type wastes Used oil in underground tank
 Quantities Antifreeze mixed with oil.
 Disposal } No records available
 Records }

3. Hazardous Materials Management Plan (AMMP)
 Complete 100%
 Up-to-date? Emergency contacts updated.
 check phone numbers.

A. Keep used oil and antifreeze separate.
 B. Don't hold used oil longer than 90 days.
 C. Get receipts when used oil or antifreeze hauled off site. Be sure company taking these wastes has a California waste hauler number.

LB TRANSPORTER (Title 22)

	<input type="checkbox"/> 32. Applic./Insurance	66428
	<input type="checkbox"/> 33. Comp. Cert./CHP Insp.	66448
	<input type="checkbox"/> 34. Containers	66465
	<input type="checkbox"/> 35. Vehicles	66465
Manifest	<input type="checkbox"/> 36. EPA ID #s	66531
	<input type="checkbox"/> 37. Correct	66541
	<input type="checkbox"/> 38. HW Delivery	66543
	<input type="checkbox"/> 39. Records	66544
	<input type="checkbox"/> 40. Name/ Covers	66545
Cont'n's	<input type="checkbox"/> 41. Recyclables	66800

Rev 6/88

Contact: JOHNSON F. ESPINU
 Title: Station Manager
 Signature: Johnson F. Espinu

Inspector: William F. Faulhaber
 Signature: William F. Faulhaber

Site Brief for GENERATORS
for the City of Dublin

as of 12/28/90 page 1

StID#	Name of Site	Site Address	Zip	LastInsp	#Empl	Sta
1053	Teutsch Enterprises,	7249 Village Pkwy.	568	02/26/90	8	C
1893	Arco Station #02147	40055 Blacow Rd.	538	03/08/88	4	C
2173	Arco Station #02158	35900 Fremont Blvd.	536	08/31/88	1	C
2385	Mission Valley Arco	40077 Mission Blvd.	539	08/02/90	6	C
3006	Kolor by Marcos	2070 American Ave.	545	05/23/90	1	C
817	Arco Station #05387	20200 Hesperian Blvd.	541	01/30/90	0	I
1908	Arco Station #01319	365 Jackson St.	544	03/18/88	2	C
1862	Fairway Park Arco	29900 Mission Blvd.	544	12/18/90	2	B
2112	Spring Town Arco	909 BlueBell Dr.	550	03/19/90	2	I
198	Bill Davis Arco	2032 E. - 12th St.	606	10/30/86	2	I
1130	Freeway Arco	2740 - 98th Ave.	605	07/01/86	2	C
1038	High St. Arco	2951 High St.	619	01/29/87	2	C
* 812	Leon's Arco	4401 Market St. OAK	608	-0-	1	C
851	Mountain Blvd. Arco	2844 Mountain Blvd.	602	11/07/90	2	C
813	ARCO T & A Service	6211 San Pablo Ave.	608	-0-	2	C
* 744	Arco Station #02111	1156 Davis St.	577	07/02/86	6	C
1794	Blanco	2282 Grant Ave.	580	06/09/89	130	C
779	Arco Station #00608	17601 Hesperian Blvd.	580	08/05/88	5	C
3179	Carco, Inc.	30 Union Square	587	10/23/90	7	C

STATUS: C = Current I = Inactive Q = needs Questionnaire

Count = 19

Site Brief for A B - 2 1 8 5
for the city of Alameda

printed: 12/28/90
page: 1

ABID/BillID	Name of Site	Site Address	Zip	SysEntry	S
/L71107	Arco Station #02112	1260 Park St.	501	10/24/90	C
/L91227	Arco Station #02035	1001 San Pablo Ave.	706	08/14/89	C
658/HL7111	Arco Station #04977	2770 Castro Valley Blvd.	546	08/14/89	C
/HL7112	Arco Station #02152	22141 Center St.	546	08/14/89	C
1053/HL7114	Arco Station #06041	7249 Village Pkwy.	568	06/04/90	C
/LC1217	Arco Station #05387	20200 Hesperian Blvd.	541	06/04/90	C
/L22223	Airport Arco	20450 Hesperian Blvd.	541	08/01/89	C
/	Springtown Arco	909 Bluebell St.	550		P
/L41112	Arco Station #00771	899 Rincon Ave.	550	07/28/89	C
/L81123	Arco Station #02185	9800 E. - 14th St.	603	08/14/89	C
1130/L91386	Freeway Arco	2740 - 98th Ave.	608	09/18/89	C
/L81146	Arco Station #02169	889 W. Grand Ave.	607	08/14/89	C
/L81176	Arco Station #04494	566 Hegenberger Rd.	621	08/14/89	C
1038/	High St. Arco	2951 High St.	619	03/21/89	P
/L81178	Arco Station #04931	731 W. MacArthur Blvd.	609	06/04/90	C
/L81128	Arco Station #00276	10600 MacArthur Blvd.	605	11/20/89	C
851/L12017	Mountain Blvd. Arco Servi	2844 Mountain Blvd.	602	11/30/90	M
/L81188	Arco Station #02107	3310 Park Blvd.	610	08/14/89	C
/L81295	Sunshine Petroleum, Inc.	6211 San Pablo Ave.	608	12/28/90	M
/HL8112	Arco Station #06002	6235 Seminary Ave.	605	08/31/90	C
/L81130	Arco Station #06148	5131 Shattuck Ave.	609	06/04/90	C
/L81179	Arco Station #00374	6407 Telegraph Ave.	609	08/14/89	C
744/HL7116	Arco Station #02111	1156 Davis St.	577	08/14/89	C
/HL7118	Arco Station #00601	712 Lewelling Blvd.	579	08/14/89	C
1794/LA1469	Tharco	2222 Grant Ave.	580	07/28/89	C
779/HL7119	Arco Station #00608	17601 Hesperian Blvd.	580	08/14/89	C

Arco Stati

Report Total : 26

Status Codes: C=Current/Part2 M=Current/Part1 P=awaiting busPla
 B=ready for Billing A=ready for Billing I=Inactive

*6211 San Pablo
No 1167 MP.*

ARCO Products Company
Monitoring and Response Plans

County Mameda - Public Health

Facility	Product Tanks		Product Lines		ELECTRONIC Tank Monitor	Probe in Sump	LINE Leak Detector	Used Oil Tank		Monitoring Plan
	DW	SW	DW	SW				DW	SW	
100 MacArthur Blvd. Oak	PS 2116	✓		✓	✓	✓	✓			I
1707 Telegraph Ave. Oakland	SH 31A	✓		✓	✓	✓	✓			I
86 S. Liberal Ave.	SH 498	✓					✓			IVA
7601 Hesperian Blvd. S.F.	PE 1008 5yr	✓		✓	✓	✓	✓	✓		IA
399 Rincon Ave. Liv.	SH 711		✓				✓			III
881 San Pablo, Albany	LS 2035	✓		✓	✓	✓	✓			I
310 Park Blvd. Oak	PS 2107	✓		✓	✓	✓	✓			II B
1156 Alameda St. S.F.	2111		✓		✓	✓	✓		✓	III, V
260 PARK ST. ALBANY	SH 2117 5yr	✓		✓	✓	✓	✓			I
2141 Center St. C.V.	SS 2152	✓		✓	✓	✓	✓			I
19 W. GARD AVE. OAK	PB 2169		✓		✓	✓	✓			III
800 14th St. Oakland	BC 2185		✓		✓	✓	✓			III
1600 Kensington Blvd. Oak	BC 449A 5yr		✓		✓	✓	✓			III
316 W. Mac Oakland	SH 4931		✓		✓	✓	✓			III
1700 Castro Valley Blvd.	SB 4977		✓		✓	✓	✓			III
235 Seminary Ave. Oak	PS 6002 5yr	✓		✓	✓	✓	✓			III
249 Village Parkway Dublin	PA 6041		✓		✓	✓	✓			III
185 E. Stanley Liv.	SH 6113	✓		✓	✓	✓	✓			IVA
5131 Shattuck Ave. Oak	SH 6148		✓		✓	✓	✓			III

SH-7 198-1
 PS-2 BC-2
 LS-1 RA-1
 PE-1 SS-2

* # 566 Hesperian Rd - approved closure & installation plan site contaminated.

By permit Remediation