

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



07-26-01

ROT

SR0000759

July 25, 2001

Mr. Tony Quijalvo
Chevron Products
P.O. Box 6004
San Ramon, CA 94583-0804

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

Re: CLOSURE OF UNDERGROUND STORAGE TANK

Dear Mr. Quijalvo:

Thank you for the analytical reports concerning the removal of the 1000 gallon waste oil underground storage tank at **15900 Hesperian Blvd, San Lorenzo, CA** on June 8, 2001. The reports have been reviewed and it is our opinion that the tank was closed in compliance with Title 23 of the California Code of Regulations.

No further investigations or cleanup actions are required. Please be aware that further work may be required if conditions change or a water quality threat is discovered at this specific site.

If you have any further questions concerning this matter, please contact me at (510) 567-6762.

Sincerely,

eva chu
Hazardous Materials Specialist

email: Tom Bauhs, Chevron Products
Amir Gholami

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



03-20-01

207

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

Stid 776

March 19, 2001

Mr. Thomas Bauhs
Chevron Product Company
Site Assessment & Remediation
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

RE: Chevron Service Station # 9-0504 at 15900 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Bauhs:

I am in receipt of the "Groundwater Monitoring Second Semi-Annual 2000" regarding the above referenced site, dated November 28th, 2000, submitted by Ms. Deanna L. Harding of Gettler-Ryan Inc. as well as a letter dated March 12th, 2001 submitted by Mr. Jim Brownell of Delta Environmental Consultants, Inc., your consultant, regarding the above referenced site.

I have following comments regarding these two documents:

- In the correspondence dated October 23, 2000 I had indicated that you may discontinue analysis of C-9, C-10, and C-11 wells due to either low or non-detect levels of contaminants during the past few samples. During this analysis the indicated wells still reveal low concentrations of the contaminants justifying discontinuance of analysis for the respective wells.
- C-1, C-2, and C-3 wells, scheduled for annual monitoring, were not analyzed during this period.
- C-4, C-5, and C-6 wells have been discontinued.
- C-7, C-2, and C-1 wells were not sampled during this period.
- During last analysis dated 3/21/2000, C-7 well indicated up to 2830ppb TPH-gasoline, 19.5ppb benzene, and 11.7ppb MTBE, while C-2 well indicated 5420ppbTPH-gasoline, 9.69ppb benzene, and 168ppb MTBE. C-1 well indicated up to 432ppbTPH-gasoline, <0.5ppb benzene, and 154ppb MTBE for the same period on 3/21/2000.
- Groundwater flow gradient is to the Southwest at 0.003 ft/ft, despite previous report, which indicated a southerly flow direction.

- There is some slight fluctuation in the concentrations of MTBE in C-1 and C-2 wells while Benzene concentrations in the respective wells did not appreciably alter. There were fluctuations in the concentrations of some of the constituents in the plume as well as revealed by this report.

Please inform me whether Mr. Scott Boor of Blaine Tech Services Inc. is still working on this case. Please call me at (510) 567-6876 if you have any questions,

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Ms. Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court, Suite J, Dublin,
CA 94568
Mr. Jim Brownell, Delta Environmental Consultants, Inc., 3164 Gold Camp Drive
Suite 200, Rancho Cordova, CA 95670-6021
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



10-25-00

Ro# 7

Stid 776

October 23, 2000

Mr. Philip R. Briggs
Chevron Product Company
Site Assessment & Remediation
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

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

RE: Chevron Service Station # 9-0504 at 15900 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Briggs:


This office is in receipt of the "First Quarter 2000 Groundwater Monitoring" regarding the above referenced site, dated April 24th, 2000, submitted by Scott Boor, Blaine Tech Services Inc. (BTSI), your consultant, regarding the above referenced site. I would like to make the following comments regarding this report:

- Groundwater flow gradient is the south
- You may discontinue analysis of C-9, C-10, and C-11 wells due to either low or non-detect levels of contaminants during the past few samples.
- There is some slight fluctuation in the concentrations of MTBE in C-1 and C-2 wells while Benzene concentrations in the respective wells did not appreciably alter. There were fluctuations in the concentrations of some of the constituents in the plume as well as revealed by this report.

I will be looking forward to receive the next report.

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

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Scott Boor, Blaine Tech Services Inc. 1680 Rogers Ave., San Jose, CA 95112-1105
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 12/28/99
Including cc's

207

Stid 776

December 28, 1999

Mr. Brett L. Hunter
Chevron Product Company
Project Manager
Site Assessment & Remediation
6001 Bollinger Canyon Road
PO Box 6004
San Ramon, CA 94583-0904

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

RE: Chevron Service Station # 9-0504 at 15900 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Hunter:

I am in receipt of the "Third Quarter 1999 Groundwater Monitoring" regarding the above dated November 17th, 1999, submitted by Blaine Tech Services Inc. (BTSI), your consultant, regarding the above referenced site. Thank you for the submittal of the report.

Per this report C-1 and C-2 wells increased in MTBE concentration gradually at 350ppb and 460ppb respectively while Benzene concentrations in the respective wells did not appreciably alter. Other wells such as C-7 and C-8 revealed some concentrations of TPHg, Benzene, and MTBE as well.

There were fluctuations in the concentrations of some of the constituents in the plume as well as revealed by this report.

I noted that the "other oxygenates" laboratory analysis, which had been performed in 3/19/1999, had been performed with improper detection limits. Please ensure proper detection levels are met during all laboratory analysis.

I will be looking forward to receive the next report.

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

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Deanna L. Harding, Project Coordinator, Gettler-Ryan Inc., 7647 Sierra Court, Suite J,
Dublin, CA 94568
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 12/13/99
Including cc's

ADY.

Stid 776

December 7, 1999

Mr. Philip R. Briggs
Chevron Product Company
Site Assessment & Remediation
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

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

RE: Chevron Service Station # 9-0504 at 15900 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Briggs:

I am in receipt of the "Third Quarter 1999 Groundwater Monitoring" regarding the above dated November 17th, 1999, submitted by Blaine Tech Services Inc. (BTSI), your consultant, regarding the above referenced site. Thank you for the submittal of the report.

Per this report C-1 and C-2 wells increased in MTBE concentration gradually at 350ppb and 460ppb respectively while Benzene concentrations in the respective wells did not appreciably alter. Other wells such as C-7 and C-8 revealed some concentrations of TPHg, Benzene, and MTBE as well.

There were fluctuations in the concentrations of some of the constituents in the plume as well as revealed by this report.

I noted that the "other oxygenates" laboratory analysis, which had been performed in 3/19/1999, had been performed with improper detection limits. Please ensure proper detection levels are met during all laboratory analysis.

I will be looking forward to receive the next report.

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

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Deanna L. Harding, Project Coordinator, Gettler-Ryan Inc., 7647 Sierra Court, Suite J,
Dublin, CA 94568
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R07

Stid 776

August 2, 1999

Mr. Philip R. Briggs
Chevron Product Company
Site Assessment & Remediation
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

ENVIRONMENTAL HEALTH SERVICES

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

RE: Chevron Service Station # 9-0504 at 15900 Hesperian Blvd., San Lorenzo, CA

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Briggs:

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: 15900 Hesperian Blvd., San Lorenzo

August 2, 1999

Page 2 of 2

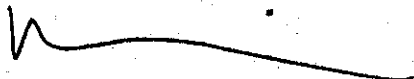
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 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) 567-6876 if you have any questions about the content of this letter.

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB

Attachments: Sample letter 2 and Sample letter 3, which must be filled out by the Responsible Party and mailed to Alameda County.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Ron

Stid 776

June 16, 1999

Mr. Philip R. Briggs
Chevron Product Company
Site Assessment & Remediation
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

ENVIRONMENTAL HEALTH SERVICES

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

RE: Chevron Service Station # 9-0504 at 15900 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Briggs:

I am in receipt of the "Analytical Results for the First Quarter 1999" dated June 5, 1999, submitted by Blaine Tech Services Inc. (BTSI), your consultant, regarding the above referenced site. Thank you for the submittal of the Analytical Result. As you are aware, the concentrations of all the plume constituents were found as high as 5300ppb, 63ppb for Purgeable Hydrocarbons, Benzene respectively in C-7 sample. The MTBE concentration was noted as high as 460ppb in C-2 Sample.

The "other oxygenates" laboratory analysis was performed and revealed non-detect levels of these constituents except the MTBE as expected. As indicated, the MTBE constituent was detected in five wells.

I will be looking forward to receive the full report.

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

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Deanna L. Harding, Project Coordinator, Gettler-Ryan Inc., 7647 Sierra Court, Suite J,
Dublin, CA 94568
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Ro# 7

Stid 776

April 27, 1999

Mr. Philip R. Briggs
Chevron Product Company
Site Assessment & Remediation
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

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

RE: Chevron Service Station # 9-0504 at 15900 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Briggs:

I have received and reviewed your proposal to remove the existing groundwater extraction system located at the above referenced site. Your proposal is acceptable. However, this office has not yet received the groundwater monitoring report due in March.

In addition, per our conversation and my letter dated December 23, 1998, you need to perform the EPA method 8260 in order to rule out the false positive for MTBE level and 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 per Cal /EPA and Regional Water Quality Control Board (RWQCB) guidelines.

Please submit the next groundwater sampling analysis within 30 days from the date of this letter.

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: Deanna L. Harding, Project Coordinator, Gettler-Ryan Inc., 7647 Sierra Court, Suite J,
Dublin, CA 94568
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



207

Stid 776

December 23, 1998

Mr. Philip R. Briggs
Chevron Product Company
Site Assessment & Remediation
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

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

RE: Chevron Service Station # 9-0504 at 15900 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Briggs:

This office has assigned me to review the above referenced site. Having reviewed and discussed this case with other staff members, we concluded that there are few issues at hand at the present time. **Please address the following:**

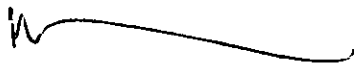
1. Make certain that the MTBE level indicated by the lab analysis is not a false positive by performing "EPA method 8260".
2. According to Cal /EPA's guidelines and Chuck Headlee of Regional Water Quality Control Board (RWQCB) **you need to test for the presence of other oxygenated contaminants such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

As you are aware, while the MTBE level is still at 290 ppb at C-1 and 710 ppb at C-2, almost all other chemicals of concerns have diminished to an acceptable value.

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: Deanna L. Harding, Project Coordinator, Gettler-Ryan Inc., 7647 Sierra Court, Suite J,
Dublin, CA 94568
Files

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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO7

ENVIRONMENTAL HEALTH SERVICES

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

May 18, 1998

ATTN: Sir Or Madam

Chevron U S A
P O Box S
Concord CA 94524

RE: Project # 3086A - Type R
at 15900 Hesperian Blvd in San Lorenzo 94580

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$253.00, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.


Please be sure to write the following identifying information on your check:

- project #
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,


Tom Peacock, Manager
Environmental Protection

c: files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 7

May 21, 1997

Mr. Philip R. Briggs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

ENVIRONMENTAL HEALTH SERVICES

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

STID 776

Re: Investigations at Chevron Service Station #9-0504, located at 15900 Hesperian Blvd.,
San Lorenzo, California

Dear Mr. Briggs,

This office has completed review of Chevron Research and Technology's (CRT) Groundwater Transport Evaluation, dated October 18, 1996, and the subsequent addendums to this evaluation, dated March 14, 1997 and April 4, 1997, for the above site. The March 14, 1997 addendum included a residential risk assessment for the estimated benzene concentrations that may impact the residences from the site within the next ten years. This office accepts the estimated transport data and the risk assessment conclusions provided in these documents.

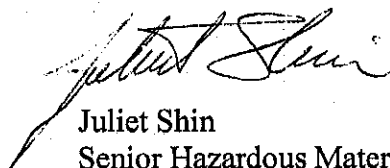
Based on the information this office has received on this site to date, the TPHg/BTEX groundwater contaminant plume appears to be fairly stable, and both the observed soil and groundwater concentrations do not appear to be posing a threat to human health for a commercial site, per the Tier 1 table of the American Society for Testing and Materials' Risk-Based Corrective Action guidelines (E 1739-95), or to human health at the residences per CRT's risk assessment.

This site appears to be close to being granted closure, however, due to the MTBE concentrations identified in Wells C-1, C-2, and C-3 and the apparent increase in MTBE concentrations in Well C-2 within the 1996 sampling events, this office would like to see annual monitoring of Wells C-1, C-2, C-3, C-7, and C-8 continue for MTBE, TPHg, and BTEX to confirm that there is no on-going release from the existing tanks, and to confirm the attenuation of the TPHg/BTEX plume. In light of the new groundwater transport evaluation and the residential human health risk assessment, and contrary to the County's January 21, 1997 letter, it has been decided that Wells C-9, C-10, and C-11 may also be switched to annual monitoring for TPHg and BTEX. Additionally, contrary to the County's letter, no further sampling will be required for Wells C-4 through C-6, due to the Non Detect analytical results in the last six quarters of monitoring.

The next groundwater monitoring event should be conducted out at the site in January 1998. If you have any questions or comments, please contact me at (510) 567-6763.

Mr. Philip Briggs
Re: 15900 Hesperian Blvd.
May 21, 1997
Page 2 of 2

Sincerely,

A handwritten signature in cursive script, appearing to read "Juliet Shin".

Juliet Shin
Senior Hazardous Materials Specialist

cc: Chief, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



5710 776 207

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

January 21, 1997

Mr. Philip Briggs
Chevron Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

Re: Investigations at Chevron Service Station #9-0504, located at 15900 Hesperian Blvd.,
San Lorenzo, CA

Dear Mr. Briggs,

This office has reviewed the October 18, 1996 Groundwater Transport Evaluation for the above site. Due to the fluctuating benzene concentrations observed in Well C-8, this office is requesting that a 95UCL be used in place of the arithmetic mean of the historical benzene concentrations observed in Well C-8. A minimum of 10 sample concentrations should be used to estimate the 95UCL. This office is also requesting that you submit references or rationale for the effective porosity value (n_e) that was used in the groundwater seepage (v_x) and retardation (R_f) equations.

The transport evaluation determined that up to 8ppb of benzene will reach Well C-10, a residential area, in ten years. Based on the Tier 1 table of the American Society for Testing and Materials' STANDARD GUIDE FOR RISK-BASED CORRECTIVE ACTION APPLIED AT PETROLEUM RELEASE SITES, this concentration exceeds the residential threshold value for the "Groundwater Vapor Intrusion into Buildings" scenario at a 10^{-6} excess cancer risk. Following reevaluation of groundwater transport, using the above requested 95UCL, you will most likely be requested to prepare a Tier 1 risk assessment to address the predicted benzene concentrations beneath the residential area.

It is still uncertain as to whether the contaminant concentrations observed in off-site wells C-7 and C-8 are partially resulting from off-site sources, such as the former Standard Oil (Standard) gas station, located immediately southeast of the site. Per our conversation on January 21, 1997, you stated that you would submit overlays on aerial photographs showing that the underground storage tanks and dispenser islands associated with the former Standard site were located beneath the currently existing Hesperian Blvd., which has already been adequately investigated for soil and groundwater contamination. However, if the referenced overlays are not sufficient at showing this, then additional investigations may be needed to confirm that there is no on-going source of contamination at the former Standard site. It is the understanding of this office, that all Standard sites were purchased by Chevron Products Company and therefore, Chevron Products Company would be responsible for investigating any potential contamination resulting from this former Standard site.

Mr. Philip Briggs
Re: 15900 Hesperian Blvd.
January 21, 1997
Page 2 of 2

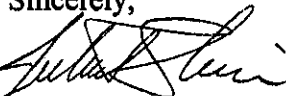
Additionally, it is the understanding of this office that a utility trench survey was never conducted to assure that the off-site contaminant plume is not being diverted down the street through any trenches. This office is requesting that you look into this possibility and report the findings to this office in the next groundwater monitoring report.

Lastly, in response to your request in your October 22, 1996 letter to our office, Wells C-4, C-5, and C-6 may be switched to annual monitoring due to the fact that groundwater samples collected from these wells have not identified TPHg or benzene concentrations above detection limits in the last six quarters. However, due to the sensitive locations of Wells C-9, C-10, and C-11, which are located in a residential area, and the fact that groundwater samples collected from these wells have more recently started to identify benzene concentrations, these wells should be switched to semi-annual rather than annual monitoring. Wells C-1, C-2, C-3, C-7, and C-8 should continue to be monitored on a quarterly basis due to elevated or fluctuating contaminant concentrations observed in these wells.

Please submit a response to our comments on the groundwater transport evaluation, and the third-quarter 1996 groundwater monitoring report, which is currently overdue, to this office within 45 days of the date of this letter. Please be reminded that the groundwater monitoring report should address any concerns regarding utility line trenches along Hesperian Blvd.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin
Senior Hazardous Materials Specialist

cc: Dan Gallagher (faxed him info)
Deanna Harding, Gettler-Ryan Inc., 6747 Sierra Court, Ste J, Dublin, CA 94568
Acting Chief

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

207

Std 776

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

September 6, 1996

Attn: Philip Briggs
Chevron USA Products Company
PO Box 5004
San Ramon CA 94583-0804

Subject: Chevron Service Station #9-0504 located at 15900 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Briggs:

This office has recently completed a review regarding the status of the subject site. As we discussed during our telephone conversation on September 6, 1996, the last quarterly monitoring report this office has received regarding this site was Gettler-Ryan Inc.'s report, dated January 15, 1996, documenting the December 11, 1995 sampling event, and we are still waiting on a work plan from your office which addresses the extent of contamination southeast of the former UST pit.

Due to the elevated levels of TPH-G and BTEX found in off-site monitoring wells C-7 and C-8 located southeast of the former UST complex, this office requested in a letter, dated July 5, 1994, that Chevron submit a work plan addressing the delineation of the groundwater contaminant plume in this area. In response to this request, Mark Miller of your office suggested in a letter dated January 3, 1995, that the observed contamination may be caused from another source other than the subject site, namely a former service station that was reportedly identified in areal photos as having been located adjacent to the Chevron site in the vicinity of monitoring well C-7. Several correspondence to us from Mr. Miller since that time have indicated that your office is attempting to collect historical ownership and land-use information regarding the adjoining property. To date however, we have not received any confirming information that this contamination is from another source other than the subject site nor have we received the requested work plan.

Since over two years have elapsed and confirming information has still not been provided to this office regarding an off-site source, please forward to this office a work plan which proposes to define the extent of gasoline contamination southeast of the subject site. In addition to the work plan, please submit the quarterly reports for the first, second, and if available, third quarters of 1996 to this office no later than September 27, 1996.

Please contact me at (510)567-6755 if you have questions or require additional information.

Sincerely,

Amy Leech
Hazardous Materials Specialist

c: Gordon Coleman - File(ALL)

15900 Hesperian Blvd.
San Lorenzo 94580

STID- 776

August 16, 1995

-How is Chevron changing the program to avoid having another problem like this?

Please contact me at 510-567-6734 if you have any questions.

Sincerely,



Don Atkinson-Adams
Senior Registered Environmental
Health Specialist #5485

cc Bill Raynolds, East Area Manager
Robert Weston, Senior Hazardous Materials Specialist

2std776.895



STID # 776

July 7, 1995

Sharon Edwards
Chevron USA Products Company
P.O. Box 5004
San Ramon, CA 94583

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

Subject: Inventory reconciliation discrepancies for Chevron Station #90504 located at 15900 Hesperian Boulevard, San Lorenzo 94580.

Reference: USTMAN SIR report for the month of May 1995. My letter to you on July 7, 1995.

Dear Ms. Edwards:

As we discussed in our phone conversation on July 7, 1995 the inventory reconciliation techniques used at the subject station are not adequate. This letter is a formal request for a written explanation of why an investigation of the monitoring problems was not begun as soon as the deviations exceeded 5%. The "roughness" of the data should have raised a question much sooner. Please provide the report to me by August 25, 1995.

Some of the questions which I wish to have addressed in the written response are:

- What type of training was given to the station operator about the "new" CEI monitoring system? As I told you on the phone the operator thought that he no longer needed to take manual stick readings so was only recording the readings off the machine. How did the operator "get the wrong information" about what his daily monitoring responsibilities are?
- What is Chevron doing to ensure that their operators understand the daily requirements for monitoring? This should address all of the stations using the CEI monitoring. A written set of procedures signed by the operator may be needed.
- What is Chevron telling the operator about when to call them for service or advice? If an operator can go through two months of recording deviations which range as high as 30% of the capacity of the tank then the operator is not an active participant in the monitoring system. (product P, 5/26/95 shows a plus deviation of 3109 gallons on a 10,000 gallon tank.)
- Find out from your SIR provider what a "reasonable" daily variation should be. Please let me know what they say.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RO7

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

July 5, 1994

Mr. Mark Miller
Chevron U.S.A. Products Co.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 776

Re: Investigations at 15900 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Miller,

This office reviewed Touchstone Developments' Underground Storage Tank Removal Report, dated April 14, 1994, for the removal of the waste oil tank from the above site. Based on the fact that 6 parts per billion (ppb) Dichloromethane was identified in one of the tank pit soil samples, you are required to include the analysis for purgeable halogenated volatile organics (Method 8010) in the next quarterly water sampling of Well C-4. If no 8010 contaminant constituents are identified, you may discontinue the analysis for these constituents.

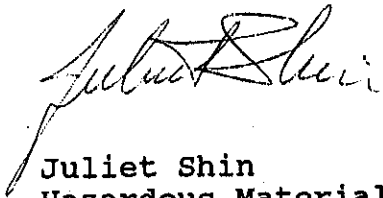
Elevated levels of contaminant constituents continue to be identified in Well C-7. The southeasternmost extent of this observed contamination has not yet been defined. Per Article 11, Title 23 California Code of Regulations, you are required to delineate the full extent of the ground water contamination at the site. A work plan addressing the delineation of the ground water contaminant plume shall be submitted **within 60 days** of the date of this letter.

At this time, continued quarterly monitoring and ground water extraction is acceptable, however, please be reminded that ground water extraction has generally been accepted as a containment/interim remediation measure only, rather than a final remediation measure. It is the understanding of this office that Chevron intends to ultimately address the remediation of both the on and off-site observed contamination. Please submit a letter or projected timetable for scheduled work, **within 60 days of the date of this letter**, outlining Chevron's intent for this site in the next one or two years.

If you have any questions or comments, please contact me at (510) 271-4530.

Mr. Mark Miller
Re: 15900 Hesperian
July 5, 1994
Page 2 of 2

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: James W. Carmody
Weiss Associates
5500 Shellmound St.
Emeryville, CA 94608-2411

Jeff Monroe
Touchstone Developments
P.O. Box 2554
Santa Rosa, CA 95405

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

RO7

September 27, 1993
STID # 776

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

Mr. David Johnson
Marketing Assistant, Chevron Corp.
Chevron U.S.A. Products Corporation
P.O.Box 5004
San Ramon, California 94583

Re: FIVE YEAR UNDERGROUND TANK PERMIT FOR CHEVRON 0504, LOCATED
AT 15900 HESPERIAN BLVD., SAN LORENZO, CA. 94580

Dear Mr. Johnson;

Please find enclosed a five-year operating permit certificate, for five fiberglass underground storage tanks at the site noted above. This permit is being issued, contingent upon the facility's compliance with all applicable underground tank monitoring requirements. Acceptable monitoring procedures are described in the revised Title 23, California Code of Regulations (C.C.R.) which became effective August 9, 1991. In order to maintain a valid permit, any deficiencies noted on the final underground tank inspection report or subsequent inspections, must be corrected. Below is a summary of the monitoring requirements for your facility:

1. Sections 2645 and 2646 - Inventory Reconciliation

- a) Record the daily variation in inventory reconciliation. This is the difference between the measured inventory in the tank and the calculated inventory. The calculated inventory shall be determined by adding the fuel inputs from deliveries and subtracting the day's sales withdraws from the physically measured inventory of the day before.

Meters or gauges used to measure the in tank inventory must be approved by this office. Commercial gauges and measuring devices should meet the standards in Title 4, Chapter 9, of the California Code of Regulations (C.C.R.) and be inspected by the County Department of Weights and Measures.

Unocal
September 27, 1993
Page 2 of 4

Weekly tank gauging shall only be used as part of a monitoring program for existing tanks which have a total system capacity of 2,000 gallons or less and which can be taken out of service for at least 48 continuous hours each week. Tanks with a capacity of 550 gallons or less may be exempt from integrity testing each year.

You are advised that after January 1, 1993, using manual stick readings to measure the physical inventory, may require your inventory reconciliation data to be evaluated by a third party certified statistical analyst. This rule applies where the highest anticipated ground water may come to less than 20 feet below the bottom of the tank.

Daily variations shall be summed for a period of one month. If monthly variations exceed 1% per cent of the monthly tank delivery plus 130 gallons, this office must be notified. An investigation as to the cause of excess variations must be conducted and reported to this office.

- b) Submit an annual statement to this office which states that all inventory reconciliation data are within allowable limits or list the times and corresponding variations when allowable limits were exceeded. This statement shall be executed under penalty of perjury.

2. Section 2643 - Non-visual Monitoring

- a) Monitoring of piping shall be conducted at least hourly, which is capable of alerting the operator when 3 gallons have leaked or a leak rate of three gallons per hour at 10 p.s.i. exists; and

Annual piping system integrity testing shall be conducted which is capable of detecting a minimum release of 0.1 gallon per hour at 1.5 (one and a one-half times) normal operating pressure.

- b) Annual tank integrity testing shall be conducted which is capable of detecting a release of 0.1 gallon per hour at or above the maximum product level of the tank.

3. Section 2663 - Overfill Prevention

- a) Onsite personnel or the operator's agent must ensure that the volume available in the tank is greater than the volume of product or waste oil to be transferred

Unocal
September 2, 1993
Page 3 of 4

into the tank before the transfer is made. Also the transfer process must be watched to prevent overfilling and spilling.

4. Section 2643 et. seq., Non- Visual Monitoring

- a) Maintain the monitoring equipment in good repair and service in accordance with the manufacturer's instructions. In a written plan, describe the training needed for the operation of both the tank system and monitoring equipment or conducting monitoring procedures. Maintain the plan on site for review.

5. Section 2712 - Permit Conditions

- a) Retain all monitoring and maintenance records on-site or at a readily available location off-site, if approved by this agency, for a period of at least 3 years. These records must be made available, upon request within 36 hours, to the local agency or the Regional Water Quality Control Board.

The above listed requirements reflect the information currently on file and may not include deficiencies disclosed during routine inspections or changes that will result from tank and piping upgrading required by December 22, 1998. You may utilize other release detection methods for tanks and pipelines as outlined in the revised Title 23, C.C.R.. Please send a letter to this office notifying us of any changes in the monitoring methods.

Consult the revised Title 23, C.C.R. regarding any additional requirements. To obtain a copy of the regulations, you may contact the State Water Resources Control Board at (916)323-1262.

Unocal
September 27, 1993
Page 4 of 4

Should you have any questions or concerns regarding the contents of this letter, please call me at (510)271-4320.

Sincerely,



Kevin Tinsley
Hazardous Materials Specialist

cc: Edgar Howell, Chief (kt-files), AlCo. E.H.D.
Pam Evans, Senior Haz. Mat. Specialist, AlCo. E.H.D.
Phan Nguyen, Chevron Dealer

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R07

RAFAT A. SHAHID, Assistant Agency Director

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

May 20, 1992

Ms. Nancy Vukelich
Chevron U.S.A., Inc.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 776

RE: Approval of work plan for Chevron Service Station #9-0504,
located at 15900 Hesperian Blvd., San Lorenzo, California

Dear Ms. Vukelich,

This office has received and reviewed the work plan for the above site, dated April 23, 1992, for the installation of four borings around the existing underground storage tank complex. This work plan meets the approval of this Department. Per your letter, dated April 28, 1992, Chevron will implement these soil borings in conjunction with the installation of the remediation system.

If you have any question or comments, please contact Juliet Shin at (510) 271-4320.

Sincerely,

Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Richard Hiett, RWQCB
Jim Ferdinand, Eden Consolidated Fire Dept.
File (JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R07

RAFAT A. SHAHID, Assistant Agency Director

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

April 15, 1992

Nancy Vukelich
Chevron U.S.A., Inc.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 776

RE: Chevron Service Station #9-0504, located at 15900 Hesperian Blvd., San Lorenzo

Dear Ms. Vukelich,

This office has reviewed the work plan for the installation of the groundwater extraction system at the site and is in concurrence with your plan. After the groundwater extraction system is installed and pumping begins, the monitoring of water levels in all the monitoring wells will be required. If the groundwater extraction system is found to be insufficient to capture the contaminant plume, additional steps will be necessary to remediate the problem.

According to the files, no soil samples were collected from the monitoring well locations C1 - C5 during their installation. Per your conversation with Ms. Shin on March 31, 1992, you stated that soil samples would be collected during the trenching for the installation of the groundwater extraction system. However, to fully investigate and determine the extent of the potential soil contamination at the site, additional soil sampling (i.e., soil borings) are required. Please submit a work plan, due within 45 days of receipt of this letter, for further soil investigations at the site, including a timetable for their completion.

Alameda County received the additional information requested from you on March 24, 1992, and appreciates your expediency in submitting these materials. However, one requested item has not yet been submitted to this office: a copy of the letter, written by a consultant to Chevron, which discussed the tank excavation and backfilling at the site in 1983. Please submit this letter before or with the submittal of the requested soil sampling plan. Finally, per your conversation with Ms. Shin on March 24, 1992, it was established that an Unauthorized Release Report could not be found in your files or in our files, therefore, we will proceed to

fill out an Unauthorized Release Report form for your site.

Thank you for your cooperation. You may contact Juliet Shin at
(510) 271-4320 with any questions or comments.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Eddy So, RWQCB

Gene Walker, Eden Consolidated Fire Dept.

Tom Berry
Weiss Associates
5500 Shellmound St.
Emeryville, CA 94608-2411

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

RO7

December 4, 1991
STID# 776

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

Chevron U.S.A. Inc.
ATTN: Nancy Vukelich
2410 Camino Ramon
San Ramon, CA 94583-0804

Responsible Party
Tank Operator

Former Chevron #9-0504
15900 Hesperian Blvd.
San Lorenzo, CA 94580

SITE

Date First Reported 12/01/83
Substance: gasoline
Petroleum (X)Yes

Dear Ms. Vukelich:

This office has reviewed Site Update Reports (April 25, 1991, February 20, 1991, July 18, 1991), a Work Plan (April 17, 1990), a Well Installation Report (October 19, 1990), a Groundwater Sampling Report (June 27, 1989), an Interim Remediation report (November 15, 1990), and a recent (Quarterly Monitoring) Report. In your letter of October 28, 1991 you recommend continuing quarterly monitoring for another 6 months.

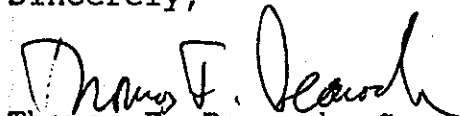
However, you agreed in a meeting with the Regional Water Quality Control Board on February 14, 1991 that you would monitor for another 6 months at that time. You also agreed to develop a remediation system within that time frame (6 months) and to have it in operation by September 1991. In that meeting September was accepted as a deadline for implementation of a remediation system. That deadline seems to have included the plan, its approval, the necessary permits from other agencies, and the start of implementation of the remediation plan. It is now a full quarter after that deadline.

In the latest monitoring report dated 09/26/91 you show benzene levels in the groundwater of 220 ppb, 220ppb, 7.9 ppb, 47 ppb, and 66 ppb. These levels are orders of magnitude greater than any level allowed to remain. You also have TPHg in the groundwater at levels of 3,200 ppb, 4,900 ppb, 1,400 ppb, 8,100 ppb, and 1,400 ppb. You now have 11 wells surrounding the site. 5 of these wells are actually offsite. It does not seem that any more time is needed to study the matter. This office would like to see the promised Remediation Plan within 30 days. This plan should delineate the specific activities and procedures which will be implemented to remove or reduce the site and groundwater pollution to acceptable levels. The plan should specify dates for each important activity to occur and an expected schedule for progress and completion.

Chevron Station #9-0504
December 4, 1991
Page 2 of 2

If you have any questions concerning this matter please
contact this office at 271-4320.

Sincerely,



Thomas F. Peacock, Supervising HMS
Hazardous Material Division

OK cc: Mark Thompson, Alameda County District Attorney's Office
Eddie So, RWQCB
Bohannon D. Organization. P.O.Box 218, San Lorenzo

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO7

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

August 20, 1991

Eddie Chong, Chevron U.S.A
15900 Hesperian Blvd.
San Lorenzo, CA 94580

**RE: Five Year Permit to Operate Five Underground Storage Tanks
at 15900 Hesperian Blvd., San Lorenzo**

Dear Mr. Chong:

Please find enclosed a five year permit to operate five underground storage tanks at your facility. For this permit to be valid, you are required to comply with the conditions as described in the California Code of Regulations, Title 23, Subchapter 16, Section 2712. These conditions are summarized below:

1. The permittee shall report to this office within 30 days any changes in the uses of any underground storage tank. These changes include:
 - A. Storage of any new hazardous substances.
 - B. Changes in monitoring procedures.
 - C. Replacement or repair of any part of underground storage tanks or pipes.
2. The permittee shall report to this office any unauthorized releases as described in Sections 2652 (b) and (c).
3. Written records of all monitoring performed shall be maintained on-site for a period of at least three years from the date the monitoring was performed. These records shall be made available for inspection during any site inspection by a representative of this office.


Mr. Eddie Chong
August 20, 1991
Page 2 of 2

4. Permits may be transferred to new underground storage tank owners if the new tank owner does not change any conditions of the permit, the transfer is registered with this office within 30 days of the change in ownership, and any necessary modifications are made to the permit application information. This office may review, modify, or terminate the permit to operate the underground storage tank upon receiving the ownership transfer request.
5. Quarterly summary reports of daily inventory reconciliation must be submitted to this agency within 15 days of the end of each quarter. The summary must include explanations of discrepancies for each date that exceeds the maximum allowable variance. You must provide explanations for each listed date which demonstrate that the required steps were followed to prove a leak had not occurred. (These steps are stated in 2644(f)(1-7), Title 23, CCR and on pages 3 and 4 of the provided form.)

The quarterly report for April - June, 1991 is overdue.
You must submit this report by August 27, 1991.

Feel free to contact either Cathy Gates or myself with any questions about your underground tanks at 271-4320.

Sincerely,



Pamela J. Evans
Hazardous Materials Specialist

cc: Mike Vomund, Chevron U.S.A.
Files

PE:CG:cg mem25
enclosure

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO7

1-24-91

Eddie Chong
Chevron Station #0504
15900 Hesperian Blvd.
San Lorenzo CA 94580

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

NOTICE OF VIOLATION

Dear Mr. Chong:

On November 8, 1990, I inspected your station and noted on the inspection report the following violations of the Health and Safety Code of California and the California Code of Regulations, Title 23:

Section 2644 (e), (CCR): Failure to submit quarterly variations summary for fuel tank inventory monitoring. No such reports were readily available onsite, and none have been submitted to this office. You are required to submit reports for the last four quarters to this agency.

Section 25505 (b), (HSC): Hazardous Materials Management Plan must be updated as changes in operation occur. You are required to submit an updated HMMP to this office.

You were instructed to submit the quarterly reports and the HMMP to my office within 30 days. Since then none of the required information or documents has been received by this office. **You must submit the documents specified above no later than February 8, 1991.** You may contact me with any questions at 271-4320.

Sincerely,

Pamela J. Evans
Hazardous Materials Specialist

c: Gil Jensen, Alameda County District Attorney's Office
S. L. Patterson, Chevron U.S.A. Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R07

November 28, 1990

C. G. Trimbach
Chevron U.S.A. Inc.
P.O. Box 5004
San Ramon CA 94538-0804

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

RE: Chevron Station #9-0504, 15900 Hesperian Blvd., San Lorenzo

Dear Mr. Trimbach:

I have reviewed the recently submitted Interim Remediation Report (11/15/90) and Well Installation Report (10/19/90), as well as other past submissions relating to the above site. Based on GeoStrategies Inc. recommendation, you have proposed a program of weekly groundwater well monitoring (examination for floating product and depth to groundwater) and quarterly groundwater sampling in order to generate a sufficient data base to develop a remediation plan. The proposal is acceptable to this office.

In addition, you must submit a written timetable defining the time period you believe is needed for data gathering as well as the date by which you will have a remediation system in place. Please also describe the type of remediation system you plan to install and the manner in which contaminated bailings will be handled. Submit your timetable and system description **no later than December 31, 1990**. You will be expected to have your system installed within approximately one year.

In order to cover this agency's oversight costs for this project, you are required to submit a check for \$500.00, payable to County of Alameda, to this office. You may contact me with any questions regarding the above requirements at 271-4320.

Sincerely,

Pamela J. Evans
Hazardous Materials Specialist

c: Richard Hiett, Regional Water Quality Control Board
Nancy Vukelich, Chevron U.S.A. Inc
Christopher M. Palmer, GeoStrategies Inc.
Kevin McGraw, Geostrategies Inc.
Gettler-Ryan Inc.