

20275



**CONESTOGA-ROVERS
& ASSOCIATES**

2000 Opportunity Dr, Suite 110, Roseville, California 95678
Telephone: 916-677-3407, ext. 100 Facsimile: 916-677-3687
www.CRAworld.com

January 3, 2008

Barney Chan
Alameda County
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Project Manager Contact Change
Former Chevron Service Station -92960
2416 Grove Way
Castro Valley, CA

Dear Barney Chan,

On behalf of Chevron Environmental Management Company (Chevron), Conestoga-Rovers & Associates (CRA) is writing to inform you of management changes regarding the above referenced site.

The Chevron project manager is changing from Tom Bauhs to Stacie Hartung-Frerichs.

Stacie Hartung-Frerichs
Chevron Environmental Management Company
6001 Bollinger Canyon Rd., K-2200
San Ramon, CA 94583
Office phone: 925-842-9655
Office Fax: 925-548-0010
Email: StacieHF@chevron.com

Please contact either Stacie Hartung-Frerichs of Chevron or Brian Carey of CRA at 916-677-3407 ext. 106 if you have any questions.

Sincerely,

Judith Moore
Administrative Assistant

cc: Stacie Hartung-Frerichs, Chevron Environmental Management Company, San Ramon, CA

Equal
Employment
Opportunity Employer

No 275

C A M B R I A

March 30, 2007

Barney Chan
Alameda County
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: **Project Manager Contact Change**
Former Chevron Service Station 92960
2416 Grove Way
Castro Valley, CA



Dear Barney Chan,

On behalf of Chevron Environmental Management Company (Chevron), Cambria Environmental Technology, Inc. (Cambria) is writing to inform you of management changes regarding the referenced site.

The Chevron project manager is changing from Dana Thurman to Tom Bauhs

- Mr. Tom Bauhs, Chevron Environmental Management Company, K2204, 6001 Bollinger Canyon Rd, San Ramon, CA 94583, (925) 842-3334, tbauhs@chevron.com

Please note these changes, effective immediately, for future correspondence. Thank you for your assistance.

Sincerely,

Cambria Environmental Technology, Inc.

A handwritten signature in black ink, appearing to read 'Judith Moore', written over a horizontal line.

Judith Moore
Office Administrator

cc: Tom Bauhs, Chevron Environmental Management Company

**Cambria
Environmental
Technology, Inc.**

2000 Opportunity Drive
Suite 110
Roseville, CA 95678
Tel (916) 677-3407
Fax (916) 677-3687

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

November 14, 2006

Mr. Dana Thurman
Chevron Environmental Management Co.
P.O. Box 6012, K2236
San Ramon, CA 94583

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

Dear Mr. Thurman:

Subject: Fuel Leak Case ~~XXXXXXXXXX~~, Chevron #9-2960, 2416 Grove Way,
Castro Valley, CA 94546

Alameda County Environmental Health (ACEH) staff has received and reviewed the October 31, 2006 Workplan Addendum for Additional Investigation for the subject site prepared by Cambria. The work plan responds to the County's October 19, 2006 comment letter. The two borings proposed are relocated down-gradient of former wells C-1 and C-2, in addition a third boring is proposed at the location of former EW-1. This work plan is approved. We understand you will proceed immediately with this work. You are reminded to include the additional requested information noted in the October 19, 2006 letter in the requested soil and groundwater investigation report.

TECHNICAL REPORT REQUEST

Please submit the following technical report to our office according to the following schedule:

- January 22, 2007- Soil and Groundwater Investigation Report

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Please do not submit reports as attachments to electronic mail.

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

Mr. Dana Thurman
November 14, 2006
RO 271, 2426 Grove Way, Castro Valley
Page 2 of 3

Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

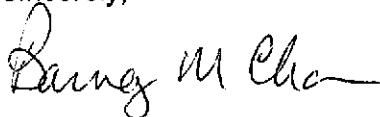
AGENCY OVERSIGHT

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

Mr. Dana Thurman
November 14, 2006
RO 271, 2426 Grove Way, Castro Valley
Page 3 of 3

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos

Ms. Christene Sunding, Cambria Environmental, 2000 Opportunity Drive, Suite 110,
Roseville, CA 95678

11_14_06 2416 Grove Way

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



October 23, 2006

Mr. Dana Thurman
Chevron Environmental Management Co.
P.O. Box 6012, K2236
San Ramon, CA 94583

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-0877
(510) 567-6700
FAX (510) 337-8835

Dear Mr. Thurman:

Subject: Fuel Leak Case RO0000275, Chevron #9-2960, 2416 Grove Way,
Castro Valley, CA 94546

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the subject site including the October 9, 2006 Workplan for Additional Investigation prepared by Cambria. Following our meeting at the County offices, it was determined that additional information would be needed to progress this site to closure. We offer the following technical comment for you to address with the object of obtaining the necessary information to allow site closure. We request you submit the technical reports requested below.

TECHNICAL COMMENTS

1. Two borings are proposed to further delineate impacts to soil and groundwater. Depth discrete groundwater samples are proposed from the first encountered groundwater depth and approximately 10-15' below this depth to determine the vertical extent of contamination. Selected soil and groundwater samples will be analyzed for TPHg, BTEX, MTBE, TBA, DIPE, TAME, ETBE, EDB, EDC and ethanol. Because some of the borings indicate permeable soils at their greatest depth, every effort should be made to determine the vertical extent of contamination. It appears that the borings are proposed within the median of Redwood Road. We request that the northernmost boring be moved southerly to lie west (down-gradient) of former well C-2 and that the southern boring be located west of former well C-1. In addition, we request that an additional boring be drilled in the location of former EW-1. This latter request is based upon the lack of soil data in the boring of EW-1, the lack of post-remediation sampling, the historical presence of free product in this area and the elevated detection limits of the vapor sample from SV-1. Please submit a revised sample location figure to our office as requested below.
2. Please also include a soil and groundwater iso-concentration map, a historic rose diagram for groundwater gradient and N-S, E-W cross-sections including the new borings in the soil and water investigation report requested below.

TECHNICAL REPORT REQUEST

Please submit the following technical reports to our office according to the following schedule:

- November 22, 2006- Revised sample location figure
- January 22, 2007- Soil and Groundwater Investigation Report

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Please do not submit reports as attachments to electronic mail.

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In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and

Mr. Dana Thurman
RO 271, 2426 Grove Way, Castro Valley
Page 3 of 3

recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

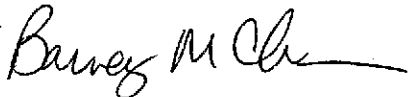
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos

Ms. Christene Sunding, Cambria Environmental, 2000 Opportunity Drive, Suite 110,
Roseville, CA 95678

10_19_06 2416 Grove Way

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

RO0000275

March 24, 2004

Ms. Karen Streich
Chevron
P.O. Box 6012, L4052
San Ramon, CA 94583-0804

RE: Workplan Approval for Former Chevron 9-2960 at 2416 Grove Way, Castro Valley, CA

Dear Ms. Streich:

I have completed review of Cambria's February 25, 2004 *Investigation Workplan* and their March 24, 2004 *Investigation Workplan Addendum* prepared for the above referenced site. The proposal to collect soil vapor samples to assess indoor air human health risks and to collect soil and groundwater samples to better delineate the contaminant plume at the site is acceptable.

Field work should commence within 90 days of the date of this letter, or by **June 28, 2004**. 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 eva.chu@accgov.org.

eva chu
Hazardous Materials Specialist

c: Donna Drogos
email: Sara Giorgi, Cambria

Environmental Management
Company
6001 Bollinger Canyon Rd, L4050
P.O. Box 6012
San Ramon, CA 94583-2324
Tel 925-842-1589
Fax 925-842-8370

Karen Streich
Project Manager

Bo. 275

April 24, 2003

ChevronTexaco

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

Alameda County
APR 29 2003
Environmental Health

Re: Chevron Service Station # 9-2960

Address: 2416 Grove Way, Castro Valley, CA

I have reviewed the attached routine groundwater monitoring report dated April 9, 2003.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Karen Streich
Project Manager

Enclosure: Report

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0275

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

STID 656

May 16, 2002

Mr. Thomas Bauhs
Chevron U.S.A Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

Re: Former Chevron at 2416 Grove Way, Castro Valley, CA

Dear Mr. Bauhs:

I am in receipt of "Well Abandonment at Former Unocal Service Station No.2512" document, dated January 14, 2002, regarding the above referenced site, submitted by Mr. Geoffrey D. Risse of Gettler-Ryan Inc.

Per this document MW-3, MW-7, MW-8, and MW-9 well properly decommissioned as required by California Department of Water Resources Water Well Standards and Alameda County Public Works Agency guidelines.

Therefore, this case will be closed as stated previously.

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
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



PO 275

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

STID 656

January 29, 2002

Mr. Thomas Bauhs
Chevron U.S.A Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

Re: Former Chevron at 2416 Grove Way, Castro Valley, CA

Dear Mr. Bauhs:

I am in receipt of "Work Plan Addendum # 2 for Monitoring Well Installation and Soil Boring" document dated January 14, 2002, regarding the above referenced site, submitted by Mr. Tony P. Mikacich of Gettler-Ryan Inc. of Blaine Tech Services, Inc.

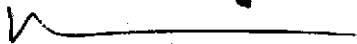
As you are aware, this requirement was made due to the fact that C-1 and C-2 monitoring wells, which used to reveal the highest concentrations of benzene at 1, 500 and 1,100ppb in 1998, were abandoned. Later on in a letter dated May 7th, 1997 Mr. Curtis A. Peck, a geologist working for Chevron, proposes to have C-1, C-2, and C-3 replaced due to Redwood Road widening activity back then. In the above document you indicated that out of the three wells currently existing at the site (C-4, C-6, and C-7), only C-7 remains functional since C-4 and C-6 wells have been paved over. C-7 well is located about 100 feet down gradient of the former USTs and has indicated ND levels of contaminants since 1990. Therefore, C-7 well does not provide much significant information regarding the size of this plume. Per my conversation with Mr. Mikacich of Gettler-Ryan, the work plan proposal, which he had originally submitted was not sufficient and is now properly modified to address the concern by this office.

Per my this document and my discussion with Mr. Mikacich, there will be at least three soil/groundwater samples as well as installment of the proposed MW-8 monitoring well adjacent to the former USTs in order to better delineate the existing plume in addition to installment of the proposed monitoring well. The location of the well as well as the soil/groundwater borings is depicted in Figure 2 within this report.

Implementation of this workplan should assist in definition of the plume since all wells including C-1, C-2, C-3, C-5, and C-6 wells have been paved over and or rendered non-functional.

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

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Ms. Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
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 656

December 20, 2001

Mr. Thomas Bauhs
Chevron U.S.A Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

Re: Former Chevron at 2416 Grove Way, Castro Valley, CA

Dear Mr. Bauhs:

I have received and reviewed "Work Plan for Monitoring Well Installation" document dated November 6, 2001, regarding the above referenced site, submitted by Mr. Tony P. Mikacich of Gettler-Ryan Inc. of Blaine Tech Services, Inc.

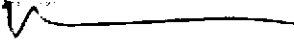
This document is in response to the correspondence previously sent by this office. As you are aware, C-1 and C-2 monitoring wells used to reveal the highest concentrations of benzene at 1,500 and 1,100ppb in 1998. However both wells were abandoned and were no longer sampled. Later on in a letter dated May 7th, 1997 Mr. Curtis A. Peck, a geologist working for Chevron, proposes to have C-1, C-2, and C-3 replaced due to Redwood Road widening activity back then. In the above document you indicated that out of the three wells currently existing at the site (C-4, C-6, and C-7), only C-7 remains functional since C-4 and C-6 wells have been paved over. C-7 well is located about 100 feet down gradient of the former USTs and has indicated ND levels of contaminants since 1990. Therefore, C-7 well does not provide much significant information regarding the size of this plume. Per my conversation with Mr. Mikacich of Gettler-Ryan, the present work plan proposal is not sufficient for defining the existing plume. Therefore, per my discussion with Mr. Mikacich, you need to include at least three soil/groundwater samples to better delineate the existing plume in addition to installment of the proposed monitoring well. Our discussion included location of the well and the soil/groundwater borings as well. This included installment of one monitoring well down gradient from former C-1 well at the property line, and collection of three soil/groundwater samples including one at the area between C-1 and C-2 wells, one upgradient of C-2 well, and one down gradient of former dispenser island at Grove Way.

This will assist in definition of the plume since all wells including C-1, C-2, C-3, C-5, and C-6 wells have been paved over and or rendered non-functional.

Groundwater gradient has been previously determined to be Southwesterly.

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

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Ms. Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
files



GETTLER-RYAN INC.

TRANSMITTAL

✓ SHD
656

Review 12/20/01
(PL)

TO: Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

DATE: November 6, 2001
PROJ. #: DG92960C.3C01
SUBJECT: Former Chevron Station #9-2960
2416 Grove Way
Castro Valley, California

FROM:

Tony P. Mikacich
Project Geologist
Gettler-Ryan Inc.
3140 Gold Camp Drive, Suite 170
Rancho Cordova, California 95670

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	November 6, 2001	<i>Response to Alameda County Health Care Services Agency Letter, dated October 9, 2001.</i>

THESE ARE TRANSMITTED as checked below:

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

COMMENTS:

Copies of the above referenced document will be distributed to the following:

- Mr. Amir Gholami, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502-6577
- Mr. Phil Conley, President Board of Trustees, First Presbyterian Church, 2490 Grove Way, Castro Valley, CA 94546
- Mr. James Brownell, Delta Environmental Consultants, Inc., 3164 Gold Camp Dr., Suite 200, Rancho Cordova, CA 95670-6021

If you have any questions please call us in Rancho Cordova at 916.631.1300.



3164 Gold Camp Drive
Suite 200
Rancho Cordova, California 95670-6021
916/638-2085
FAX: 916/638-8385

November 6, 2001

Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583-0904

Subject: Response to Alameda County Health Care Services Agency Letter Dated, October 9, 2001
Former Chevron Station #9-2960
2416 Grove Way, Castro Valley, CA
DG92960G.3C01

Dear Mr. Bauhs:

At the request of Chevron Products Company (Chevron), Delta Environmental Consultants, Inc. network associate Gettler-Ryan Inc. (GR) is submitting this letter in response to the Alameda County Health Care Service Agency (ACHCSA) letter dated October 9, 2001, for the above referenced site. ~~GR made multiple attempts to contact ACHCSA, and left multiple phone voice messages regarding questions pertaining to the October 9, 2001 letter. Due to the lack of response from ACHCSA and the unclear manner in which the letter was written, GR made every effort to respond to the issues mentioned in the ACHCSA letter.~~ The following information is in response to the five items mentioned in the letter:

- In an effort to evaluate the dissolved hydrocarbon plume in the area of former groundwater monitoring wells C-1 and C-2, GR has submitted Report No. DG92960G.3C01, GR Work Plan for Monitoring Well Installation, dated October 31, 2001.
- To date, groundwater monitoring well C-1, C-2, C-3, C-5, and soil vapor and groundwater extraction well RW have been abandoned at the site.
- On September 15, 1998, at the request of ACHCSA and Alameda County Public Works Agency (ACPWA), to facilitate the Redwood Road widening project, Bay Area Exploration Services, Inc. (BAE) drilled out onsite groundwater monitoring wells C-1, C-2, and C-3. On September 18, 1998, soil vapor and groundwater extraction well RW was abandoned by BAE. The abandonment of groundwater monitoring wells C-4 and C-6 were not requested, and were paved over by ACPWA during the road widening project. Total Petroleum Hydrocarbons as gasoline (TPHg), benzene, and methyl tertiary-butyl ether (MtBE) have generally been below reporting limits in samples collected from the wells.

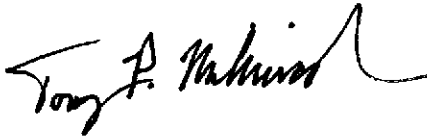
Mr. Thomas Bauhs
November 6, 2001
Page 2

- Only well C-7 groundwater levels were measured because it is the only accessible well at this time.
- This site is on a semi-annual monitoring and sampling schedule. This site has been on semi-annual monitoring and sampling since January 1997. Prior to August 21, 2000, groundwater monitoring and sampling reports were compiled by Blaine Tech Services, Inc. GR monitors and samples all accessible wells (C-7) in the first and third quarter of each year.

If you have any additional questions, or feel GR has not addressed pertinent issues stated in the October 9, 2001 letter, please do not hesitate to call me in our Rancho Cordova office at (916) 631-1300.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.
Network Associate **GETTLER-RYAN INC.**



Tony P. Mikacich
Project Geologist

Attachment: Alameda County Health Care Services Agency Letter, dated October 9, 2001.

CC: Mr. Amir Gholami, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Phil Conley, President Board of Trustees, First Presbyterian Church, 2490 Grove Way, Castro Valley, CA 94546
Mr. James Brownell, Delta Environmental Consultants, Inc., 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670

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 656

October 9, 2001

Mr. Thomas Bauhs
Chevron U.S.A Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

Re: Former Chevron at 2416 Grove Way, Castro Valley, CA

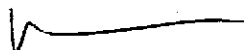
Dear Mr. Bauhs:

This office is in receipt of "Groundwater Monitoring and Sampling Report" dated August 6, 2001 regarding the above referenced site, submitted by Mr. Scott Boor of Blaine Tech Services, Inc. I have reviewed the above document and have the following comments regarding this report:

- As previously indicated C-1 and C-2 monitoring wells had the highest concentrations of benzene at 1,500 and 1,100ppb in 1998. However both wells were abandoned and were no longer sampled. In a letter dated May 7th, 1997 Mr. Curtis A. Peck, a geologist working for Chevron, proposes to have C-1, C-2, and C-3 replaced due to Redwood Road widening activity back then. However, I do not see any monitoring wells replacing these abandoned wells and since they did contain high concentrations of at least benzene, it would be imperative to follow up with some remedy for this lack of information at the above mentioned wells.
- Per this report C-1, C-2, C-3, and C-5 wells have been abandoned.
- There were other wells, C-1, C-2, C-3, and C-5, which have been paved over, abandoned, and or not found at all. However, none of these wells had shown any significant concentrations of the constituents as high as C-1 and C-2 wells have in the past.
- Per Figure 1 within this report only groundwater level within C-7 has been measured.
- Quarterly monitoring report had not been submitted since last year. Have you been approved to submit reports on a schedule different from routine quarterly basis, by my previous colleagues?
- This report is insufficient in many aspects as indicated above. Please address all above within 30 days from the date of this letter or by 11/8/2001.

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

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Ms. Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
files



3164 Gold Camp Drive
Suite 200
Rancho Cordova, California 95670-6021
916/638-2085
FAX: 916/638-8385

JUN 18 2001

*STID
656*

June 13, 2001

Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

Subject: Request for Site Closure, Former Chevron Service Station #9-2960, 2416 Grove Way, Castro Valley, California.

Mr. Bauhs:

On the behalf of Chevron Products Company (Chevron), Delta Environmental Consultants, Inc. (Delta) network associate Gettler-Ryan Inc. (GR) requests site closure for the above referenced site.

This request for closure is based upon the following factors:

- Based upon groundwater analytical results, the groundwater contamination plume has been delineated, appears to be shrinking, and has not migrated offsite and;
- No sensitive receptors exist in the area; and
- A consistent groundwater flow direction to the west-southwest.

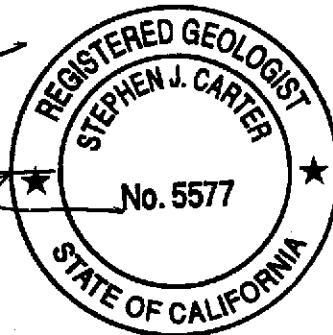
Based upon these factors, GR recommends that no further action is warranted for the site and therefore requests site closure.

If you have any questions, please call feel free to call our Sacramento office at (916) 631-1300.

Sincerely,
Gettler-Ryan Inc.

Geoffrey D. Kisse
Geoffrey D. Kisse
Staff Geologist

Stephen J. Carter
Stephen J. Carter, R.G. 5577
Senior Geologist



Cc: Scott Seery, Alameda County Health Care Service, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577.
Chuck Headlee, RWQCB-San Francisco Bay Region, 1515 Clay St., Ste. 1400, Oakland, CA 94612.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Stid 656

October 30, 2000

Mr. Phil Briggs
Chevron U.S.A Products Company
P.O. 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: Former Chevron at 2416 Grove Way, Castro Valley, CA

Dear Mr. Briggs:

I have been recently assigned to oversee the above referenced site. I have received and reviewed the "Groundwater Monitoring Report" dated 4-24-2000 regarding the above referenced site, submitted by Mr. Scott Boor of Blaine Tech Services, Inc. I would like to make the following comments regarding this report:

- Per this report C-1 and C-2 monitoring wells had the highest concentrations of benzene at 1, 500 and 1,100ppb in 1998. However both wells were abandoned and were no longer sampled. In a letter dated May 7th, 1997 Mr. Curtis A. Peck, a geologist working for Chevron, proposes to have C-1, C-2, and C-3 replaced due to Redwood Road widening activity back then. However, I do not see any monitoring wells replacing these abandoned wells and since they did contain high concentrations of at least benzene, it would be imperative to follow up with some remedy for this lack of information at the above mentioned wells. Unlike C-1 and C-2 wells, C-3 well did not contain high levels of Benzene in the past per this report.
- There were other contaminants in the C-1 and C-2 wells as well as Benzene.
- There is only two water level measurements on Figure 1 belonging to C-7 and C-6 wells. Is the groundwater gradient still heading west?

You may respond to these concerns on the next quarterly groundwater monitoring report.

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

Sincerely,

W

Amir K. Gholami, REHS
Hazardous Materials Specialist

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

STID 656



Chevron

May 10, 1999

Mr. Scott Seery
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Chevron Products Company
6001 Bollinger Canyon Road
Building L, Room 1080
PO Box 6004
San Ramon, CA 94583-0904

Philip R. Briggs
Project Manager
Site Assessment & Remediation
Phone 925 842-9136
Fax 925 842-8370

Subject: Certified List of Record Fee Title Owners
For: Former Chevron Service Station # 9-2960
2416 Grove Way, Castro Valley, California

Dear Mr. Seery:

In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, Chevron Products Company, certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

President, Board of Trustees
First Presbyterian Church
2490 Grove Way
Castro Valley, CA 94546-7199

Sincerely,
CHEVRON PRODUCTS COMPANY

A handwritten signature in cursive script that reads "Philip R. Briggs".

Philip R. Briggs
Site Assessment and Remediation Project Manger

CC Mr. Chuck Headlee
RWQCB-San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Mr. Bette Owen, Chevron

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

May 4, 1999

STID 656

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

RE: (Former) Chevron Service Station #9-2960, 2416 Grove Way, Castro Valley

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: 2416 Grove Way, Castro Valley

May 4, 1999

Page 2 of 2

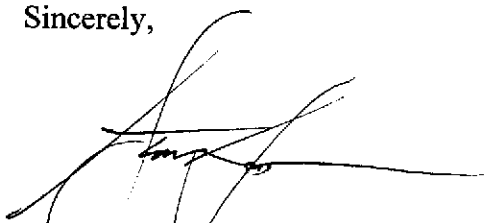
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

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

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

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

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

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

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

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

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

Sincerely,

Signature of primary responsible party

Name of primary responsible party

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

Name of local agency
Street address
City

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

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

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

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners



Chevron

March 2, 1999

Chevron Products Company
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

Mr. Scott Seery
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Philip R. Briggs
Project Manager
Site Assessment & Remediation
Phone 925 842-9136
Fax 925 842-8370

Re: Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

99 MAR -4 PM 3:39
ENVIRONMENTAL
PROTECTION

Dear Mr. Seery:

Enclosed is the First Quarter Groundwater Monitoring report for 1999, prepared by our consultant Blaine Tech Services Inc. for the above noted facility. Monitoring wells C-6 and C-7 are sampled semi-annually (1st/ 3rd quarters), well C-4 is sampled annually (1st quarter). Wells C-1, C-2, C-3 and well C-5 have been abandoned. Ground water samples were analyzed for TPH-g and BTEX constituents.

Monitoring wells C-4, C-6 and C-7 were below method detection levels for all constituents.

Groundwater depth varied from 15.27 feet to 18.51 feet below grade with a direction of flow southwesterly.

Chevron will continue to monitor the site based on the above noted sampling frequency. If you have any questions or comments call me at (925) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

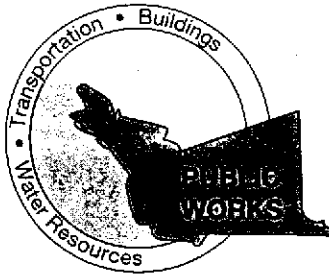
Philip R. Briggs
Site Assessment and Remediation Project Manager

March 2, 1999
Mr. Scott Seery
Former Chevron Service Station #9-2960
Page 2

Enclosure

Cc. Ms. Bette Owen, Chevron

Mr. Phil Conley
President, Board of Trustees
First Presbyterian Church
2490 Grove Way
Castro Valley, CA 94546-7199



COUNTY OF ALAMEDA
PUBLIC WORKS AGENCY
399 Elmhurst Street • Hayward, CA 94544-1395
(510) 670-5480

September 14, 1998

Michael G. Burns, C.H.G.
Harding Lawson Associates
90 Digital Drive
Novato, CA 94949

SEP 15 1998 PM 3:24

Attention: Mr. William J. Feller

Subject: Destruction of Monitoring and Extraction Wells
at Redwood Road and Grove Way, Castro Valley
HLA Proposal # 39379 931 of August 18, 1998

Dear Mr. Burns:

This is to inform you that the County has accepted the no-cost proposals from the owners for the destruction of the subject wells. Therefore, your services will not be necessary at this time. The owners will be removing these wells prior to October 1, 1998, in accordance with Zone 7 and ACHCSA requirements.

Thank you for your interest and effort in providing engineering services to the County. If you have any questions, please feel free to contact me at (510) 670-6270.

Very truly yours,

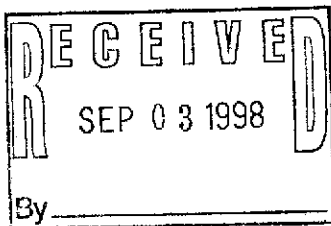
Lorenzo King
Assistant Engineer

cc: Scott O. Seery, HCMM, ACHCSA (FYI)



Chevron

September 1, 1998



Chevron Products Company
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

Philip R. Briggs
Project Manager
Site Assessment & Remediation
Phone 925 842-9136
Fax 925 842-8370

Mr. Scott Seery
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

Dear Mr. Seery:

Enclosed is the Third Quarter Groundwater Monitoring report for 1998, prepared by our consultant Blaine Tech Services Inc. for the above noted facility. **Monitoring wells C-1, C-2, C-3, C-6 and C-7 are sampled semi-annually (1st/ 3rd quarters), well C-4 is sampled annually (1st quarter) and well C-5 has been abandoned.** Ground water samples were analyzed for TPH-g and BTEX constituents.

Monitoring wells C-3, C-6 and C-7 were below method detection levels for all constituents, while the benzene constituent increased in well C-1 and decreased in well C-2 from the previous sampling event.

Groundwater depth varied from 13.67 feet to 19.32 feet below grade with a direction of flow westerly.

In accordance to your letter of July 23, 1998, Chevron will abandon monitoring wells C-1, C-2 and C-3. As noted in the letter, the well abandonments are due to the proposed widening and reconstruction of Redwood Road. Note that Alameda Public Works (letter of August 10, 1998) has also requested the removal of the extraction well that is located near well C-1. The well abandonments are scheduled to be completed before the end of September.

September 1, 1998
Mr. Scott Seery
Former Chevron Service Station #9-2960
Page 2

Chevron will continue to monitor the site based on the above noted sampling frequency and with the three remaining wells. As noted in your letter of July 23, replacement well(s) may be required, however this decision will be made after the road project has been completed.

If you have any questions or comments call me at (925) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

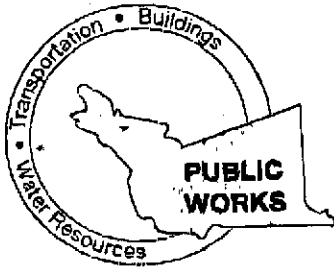


Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

Cc. Ms. Bette Owen, Chevron

Mr. Robert Aitzen
President, Board of Trustees
First Presbyterian Church
2490 Grove Way
Castro Valley, CA 94546-7199
(Copy of July 23, 1998 & August 10, 1998 letters enclosed)



COUNTY OF ALAMEDA
PUBLIC WORKS AGENCY
399 Elmhurst Street • Hayward, CA 94544-1395
(510) 670-5480

August 31, 1998

Mr. Phil Briggs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583


Subject: Monitoring and Extraction Wells at 2416 Grove Way, Castro Valley
(Formerly Chevron Service Station)

Dear Mr. Briggs:

This letter is to recap our telephone conversation of August 25, 1998, regarding the destruction of monitoring wells C-1, -2, -3, and extraction well near C-1 at the subject location. You confirmed that the work will be completed prior to October 1, 1998. The County's utility undergrounding project is scheduled to start October 5, 1998.

If you have any questions or need additional information, please do not hesitate to contact me at (510) 670-6270. Thank you very much for your cooperation.

Very truly yours,


Lorenzo King
Assistant Engineer

cc: Scott O. Seery, HCMM, ACHCSA

ALAMEDA COUNTY PUBLIC WORKS AGENCY
FAX TRANSMITTAL

TO:	Mr. Scott O. Seery	FROM:	Lorenzo King
COMPANY:	Alameda County Health Agency	DATE:	August 31, 1998
FAX NUMBER:	(510) 337-9335	TOTAL NO. OF PAGES INCLUDING COVER:	3
PHONE NUMBER:	(510) 567-6783	SENDER'S FAX NUMBER:	(510) 782-1939
RE:	Monitoring Wells affected by The Improvements on Redwood Road		
<input type="checkbox"/> URGENT	<input type="checkbox"/> FOR REVIEW	<input type="checkbox"/> PLEASE COMMENT	
<input type="checkbox"/> PLEASE REPLY	<input type="checkbox"/> PLEASE RECYCLE		

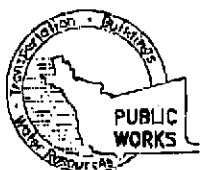
NOTES/COMMENTS:

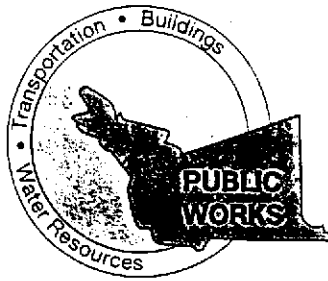
Scott,

This is for your file. My tie line is 56270 in case you need additional information.

Thank you very much.

399 ELMHURST STREET
HAYWARD, CALIFORNIA 94544-1395





COUNTY OF ALAMEDA
PUBLIC WORKS AGENCY

399 Elmhurst Street • Hayward, CA 94544-1395
(510) 670-5480

August 10, 1998

Phil Briggs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583


Dear Mr. Briggs:

Subject: Monitoring Wells at 2416 Grove Way, Castro Valley
(Formerly Chevron Service Station)

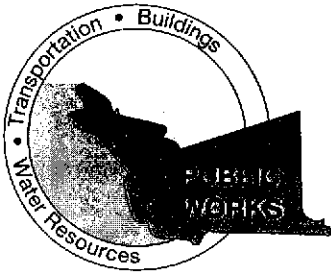
You are hereby requested to remove monitoring wells C-1, -2 and -3, and extraction well near C-1 as shown on the enclosed drawing before October 1, 1998. These wells need to be removed in accordance with the guidelines set by the Alameda County Health Care Services and the Alameda County Water and Conservation District - Zone 7 requirements. These wells are in conflict with the County's utility undergrounding project as well as the second phase of the widening and reconstruction of Redwood Road.

The undergrounding of the utilities is scheduled to begin construction on October 1, 1998. If you encounter difficulties meeting the October 1, 1998 deadline or have any additional questions, please contact me at (510) 670-6270 as soon as possible. Thank you very much for your cooperation.

Very truly yours,


Lorenzo King
Assistant Engineer

Enclosure
cc: Scott O. Seery, HCMM, ACHCSA



COUNTY OF ALAMEDA
PUBLIC WORKS AGENCY

399 Elmhurst Street • Hayward, CA 94544-1395
(510) 670-5480

July 29, 1998

Scott O. Seery, CHMM
Hazardous Materials Specialist
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Dear Mr. Seery:

Subject: Monitoring Wells at 22315 Redwood Road, (Formerly Beacon Service Station)
Monitoring Wells at 2416 Grove Way, (Formerly Chevron Service Station)


This letter is to confirm our telecon of July 28 and 29, 1998, regarding the above subject in connection to the second phase of the Widening and Reconstruction project on Redwood Road and "A" Street between Castro Valley Boulevard and the Hayward City limit.

All of the existing monitoring wells that are within the construction limits will be removed and/or destroyed. Other existing monitoring wells that are not affected will be left in place. After the completion of the project, a determination will be made by your office, whether replacement of one or more of the wells is necessary.

Upon our field verification, monitoring wells MW-7, MW-8, C-1, C-2, and C-3, as shown on the attached drawing, will be removed and/or destroyed in accordance with the guidelines from your department and with the Alameda County Water and Conservation District - Zone 7 requirements. Monitoring wells MW-1 and MW-3 will be left in place.

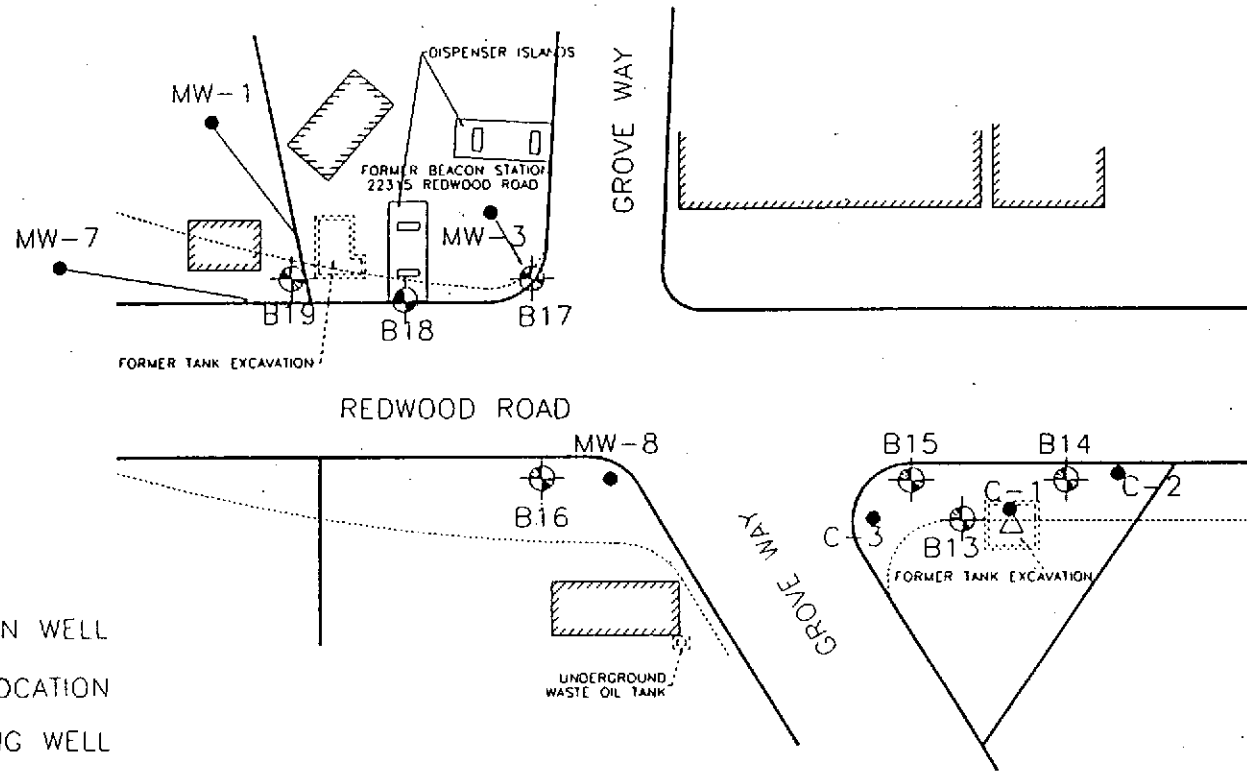
Public Works Agency will be hiring a consultant to handle the removal of these wells shortly. The work will be completed by October 1, 1998. Please let me know by August 5, 1998, if there are changes needed to be made. Thank you very much for your cooperation.

Very truly yours,


Lorenzo King
Assistant Engineer

Enclosures

98 JUL 31 AM 9:28
ENVIRONMENTAL
PROTECTION



LEGEND

- △ EXTRACTION WELL
- ⊕ BORING LOCATION
- MONITORING WELL
- PROPOSED EXPANSION AREA
- ▭ EXISTING BUILDING

SCALE: 1' = 100"

FIG. No. 4	ACC ENVIRONMENTAL CONSULTANTS, INC. 1000 ATLANTIC AVENUE SUITE 110 ALAMEDA, CA 94501	<h1 style="text-align: center;">SITE PLAN</h1> <p style="text-align: center;">REDWOOD ROAD CASTRO VALLEY, CA</p>	DATE FEB 1995
PRJ. No. 6163-1	(510) 522-8188 • FAX: (510) 865-5731		DRAWN KMN

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



July 23, 1998

STID 656

Mr. Phil Briggs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

ENVIRONMENTAL HEALTH SERVICES

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

RE: (Former) Chevron Service Station #9-2960, 2416 Grove Way, Castro Valley

Dear Mr. Briggs:

The Alameda County Public Works Agency (ACPWA) has been implementing a widening and reconstruction project on Redwood Road and "A" Street, between Castro Valley Boulevard and the Hayward city limit. The initial phase of this three-phase construction project began in 1996 at the Redwood Road/Castro Valley Boulevard intersection.

The next phase of the project will be in and around the Grove Way/Redwood Road intersection and will encroach onto the subject site. Three of the site monitoring wells (C-1, -2, and -3) are located within the reconstruction area and will be destroyed in the process. A map is attached showing these locations.

Under these circumstances, this agency approves the destruction of these wells. One or more of the wells may require replacement once the road project has been completed. These details may be worked out at a later date.

ACPWA has requested that you be informed of this issue. Please coordinate with ACPWA to ensure these wells are properly destroyed under permit before October 1, 1998. Please contact Mr. Lorenzo King of ACPWA at (510) 670-6270 to facilitate this effort.

I may be reached at (510) 567-6783 should you have any questions.

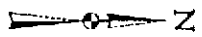
Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

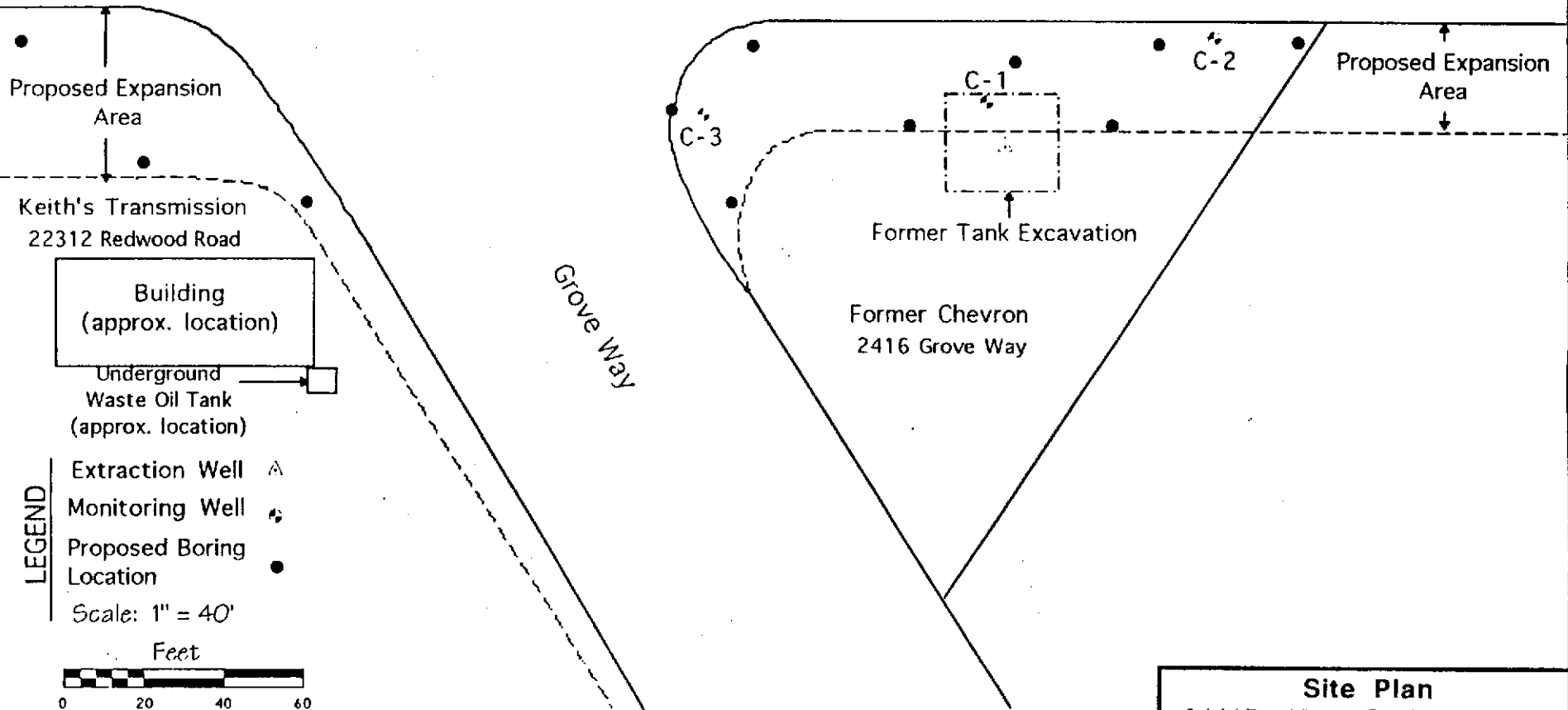
Attachment

cc: Mee Ling Tung, Director, Environmental Health
Lorenzo King, Alameda County Public Works Agency



WELLS IMPACTED BY "REDWOOD RD. PROJECT"

Redwood Road



Site Plan
 34415 - 35075 Redwood Road
 Castro Valley, California

September 28, 1994

Drawn By: MCK

Project: 94-6163-1

Figure: 3

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



June 26, 1997

ENVIRONMENTAL HEALTH SERVICES

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

STID 656

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

RE: (FORMER) CHEVRON STATION #9-2960, 2416 GROVE WAY, CASTRO VALLEY - RISK-BASED CORRECTIVE ACTION EVALUATION

Dear Mr. Briggs:

Thank you for our receipt of the May 7, 1997 *Risk-Based Corrective Action (RBCA)* evaluation submitted by Mr. Curt Peck of Chevron Research and Technology Company (CRTC). This RBCA evaluation was submitted under Chevron cover dated May 11, 1997.

As you are aware, maximum subsurface soil and ground water concentrations of fuel aromatic compounds (i.e., BTEX) were employed in development of a conservative RBCA evaluation and the resultant site-specific target levels (SSTL). This exposure is considered the *maximum exposure scenario*. A comparison of the SSTLs was made with the 95% Upper Confidence Limit (UCL) of the geometric mean allowing a risk value for future commercial workers at the site to be estimated. Preferential vapor pathways were not evaluated for this modeling exercise.

Under the *maximum exposure scenario*, the reported total estimated health risk for exposure to benzene vapors is 1.5×10^{-4} . The reported total estimated health risk associated with 95% UCL concentrations for exposure to benzene vapors is estimated to be 4.4×10^{-5} . Therefore, the estimated health risk range for commercial worker exposure is reportedly 1.5×10^{-4} to 4.4×10^{-5} .

Although this estimated risk range exceeds the goal of 10^{-4} , it is important to recognize that estimated health risks are based on the assumption that the receptor (person) is located directly over the zone of contamination. We understand that the current location of the planned structure at this site will not be sited over known "hot" zones.

To ensure a conservative approach protective of human health, however, we request that a vapor barrier be placed beneath the foundation of any proposed structures planned for the site currently, or in the future, where potential receptors will be located in order to abate and/or mitigate any potential adverse health effects due to exposures to latent hydrocarbon vapors.

Mr. Briggs

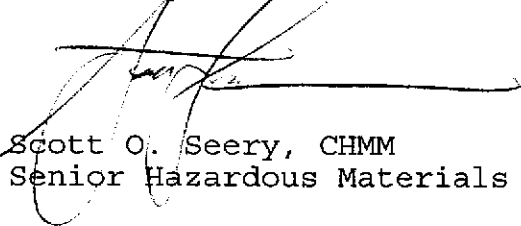
RE: Chevron Station #9-2960, 2416 Grove Way, Castro Valley

June 26, 1997

Page 2 of 2

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

Sincerely,



Scott O. Seery, CHMM

Senior Hazardous Materials Specialist

cc: Mee Ling Tung, Director

Kevin Graves, RWQCB

Paul Regan, ACDEH

Darryl Gray, Alameda County Planning Dept.

Robert Aitzen, First Presbyterian Church

2490 Grove Way, Castro Valley, CA 94546-7199

Curt Peck, Chevron Research and Technology Center

P.O. Box 4054, Richmond, CA 94804-0054

Denise Gilbert, 928 Fletcher Ln. #8, Hayward, CA 94541

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



April 9, 1997

Alameda County Planning Department
399 Elmhurst Street
Hayward, CA. 94544

Attention: Darryl Gray

Subject: APPLICATION C-7032 "TO ALLOW A DRIVE-IN BUSINESS
(COFFEE KIOSK)" AT 2416 GROVE WAY, CASTRO VALLEY,
CA., APN416-0030-015-02.

Dear Mr. Gray:

The food program section of the Environmental Protection Division, Department of Public Health has no objection to approval of the subject application. At the appropriate stage in the process, the applicant must submit three sets of detailed plans for the food facility in accordance with the guidance contained in the "California Plan Check Guide for Retail Food Facilities."

Before creating detailed structural and equipment plans, the issues relating to residual chemical contamination of the soil and groundwater on the property remain to be resolved. Further evaluation may be necessary before it can be determined whether a structure may be placed on the site. Please contact Scott O. Seery, Senior Hazardous Materials Specialist at (510) 567-6783 regarding this issue. (Please see attached letter dated March 13, 1997.)

If you require any further information regarding the food facility aspect of this matter, please contact me at (510) 567-6877.

Very truly yours,

P.F. Regan, R.E.H.S.

PFR/cdb
gray.cdb
Enclosure

c: Scott O. Seery, Sr. Hazardous
Materials Specialist
Alameda County Building Dept.
Phillip Conley, First Presbyterian Church
2490 Grove Way, Castro Valley

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

ALAMEDA COUNTY PLANNING DEPARTMENT

• Development Planning • Housing & Community Development • Policy Planning & Research • Zoning Administration & Enforcement

399 Elmhurst Street, Hayward, CA 94544 (510) 670-5400 FAX (510) 785-8793

RE: C-7032

DATE: March 28, 1997

DUE DATE: April 4, 1997

HEARING DATE: April 23, 1997

Public Works Land
Building Inspection
County Health Dept.
Castro Valley Municipal Advisory Council
Castro Valley Chamber of Commerce
Alameda County Fire Dept.
Castro Valley Library, ATTN. A. Dos Santos
G. WALLACE

The attached application is referred to you for your information and recommendations.

Receipt of your comments by the indicated due date will enable their inclusion in this written report; otherwise, please comment by the indicated hearing date.

Please send a copy of your recommendation(s) to the applicant.

The Zoning Administrator public hearings are held Wednesdays at 1:30 p.m. in the County of Alameda Public Works Building, Auditorium, 399 Elmhurst Street, Hayward, California.

If you have any questions, please contact me at the above number.

Very truly yours,



Darryl Gray, Senior Planner

Attachments

APPLICATION INTAKE/SUMMARY

Application: C 7032

Date Rcvd: 03/27/97 Fee Rcvd: 375.00 RecBy:

AP1: 416 -0030-015-02

AP2: - - -

AP3: - - -

AP4: - - -

Location: 2416 Grove Way

Located: E Side Cornr NE of Redwood Way

Castro Valley 94541

District: CV

Census Tract: 4311.00

Request: to allow a drive-in business (Coffee kiosk)

Zoning: C-1

Descript.: Retail Business

R-O-W: 66

FWL: 30' RWSBL:

Site area:

(ft)

(ac)

Concapp1:

Concapp2:

History1: V-10389* History2: OTHR HIS

APPLICANT: *Phillip Conley* David Knuder, 1st Presbyterian Ch.

Address: 2490 Grove Way

City: Castro Valley, CA 94545

Phone: (510) 581-6203

OWNER: David Knuder, 1st Presbyterian Ch.

Address: 2490 Grove Way

City: Castro Valley, CA 94545

Phone: (510) 581-6203

LESSEE: Denise Gilbert

Address: 928 Fletcher Ln. #8

City: Hayward, CA 94541

Phone: (510) 537-2182

CONTACT: Jay A. Wadlke, Atty

Address: 20320 Redwood Rd.

City: Castro Valley, CA 94546

Phone: (510) 881-5026

ARCH/ENGR:

Address:

City:

Phone: () -

Printed: 03/27/97

Alameda County Planning Department

4/14/97
PAWT.
I MADE A T/C
TO THES # AND
SPOKE TO "BECKY."
287?
SHE SAID THERE WAS NO
THES THERE. THERE
IS A DAVE KNUDER
LEFT MESSAGE TO
HAVE THEM CALL ME
I WILL REFER THES
TO YOU.
Zilly

Application: C 7032

Next Action:ZA Next HearDate:04/23/97 DueDate:04/04/97 PostDate: / /
Planner: DG EnvDisp:5I Prints:10 Sepia: 0 Mailing Labels: N

CVMAC ZONING ADMIN PLNG DIRECTOR
Ref?: N HearDate: / /
Date: / / Action:
Rec: Action: Res:
ActDate: / /

PLNG COMMISSION BOARD OF SUPS FINAL ACTION
Date: / / HearDate: / / FinalAct:
Rec: Action: FinalActDate: / /
Res: Ord #: EffectDate: / /
Appealed?:N Appealed?:N ExpDate: / /
AppBy: AppBy:

ADD REQTS COMMENTS COST
WhatDue1: Hours: C
DueDate1: / / Cost: C
WhatDue2: Totcost: C
DueDate2: / /

REFERRALS

PW Land Dvlpt	Y	Sanitary	N	
Bldg Insp	Y	Chmbr Comm	Y	Castro Valley
Geologist	N	Postmaster	N	
Health Dept	Y	City	N	
PPR	N	School	N	
CVMAC	Y	County	N	
PG&E	N	Park	N	
RWQCB	N	Water	N	
Sheriff	N	Fire	Y	Alameda County Fire Patrol
Zone7	N	Homes	Y	CVLB
HCD	N	Other1	Y	G. WALLACE
Caltrans	N	Other2	N	
Pacbell	N	Other3	N	

Date Referred: / /

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

March 13, 1997

STID 656

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

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

RE: (FORMER) CHEVRON STATION #9-2960, 2416 GROVE WAY, CASTRO
VALLEY - REDUCTION IN SAMPLING FREQUENCY

Dear Mr. Briggs:

Thank you for our receipt of the February 21, 1997 Gettler-Ryan, Inc. (GRI) report documenting the limited assessment of former dispenser islands and piping runs at the subject former Chevron site, as submitted under Chevron cover dated February 27, 1997. We are also in receipt of the February 10, 1997 Blaine Tech Services, Inc. ("Blaine") 1st quarter 1997 sampling report, submitted under Chevron cover dated February 12, 1997.

The February 12 Chevron cover requests a reduction of sampling frequency for a number of the wells in the network, proposing a specific schedule. Following review of historical sampling data for this site, a reduction in sampling frequency appears appropriate, as does the elimination of one well entirely from future sampling requirements, as follows:

- o Wells C-1, -2, -3, -6, and -7 may be sampled **semiannually** (1st and 3rd quarters)
- o Well C-4 may be sampled annually (1st quarter)
- o Well C-5 may be eliminated

As you are aware, the county's Redwood Road widening project at the Redwood Road/Grove Way intersection will be initiated in the near future. Wells C-1 and C-2, and possibly recovery well RW/EW-1, lie within the area planned for roadway expansion. Hence, these wells will eventually need to be destroyed to accommodate the road project. Please be aware that when these wells are lost, one or more replacement wells will be needed to enable the periodic tracking of attenuation in the "hot" zone.

As we discussed yesterday, the GRI assessment report documents that 1) soil beneath the former dispenser islands has been impacted at shallow depth to varying degrees, and 2) soil within

Mr. Briggs
RE: Chevron Station #9-2960, 2416 Grove Way, Castro Valley
March 13, 1997
Page 2 of 2

the capillary zone is more significantly impacted, particularly north and east of the former tank cluster. However, no substantial hydrocarbon source area was identified during the course of this recent investigation.

Nonetheless, certain soil benzene concentrations exceed conservative risk-based screening level (RBSL) values for vapor intrusion into buildings and volatilization to outside air for commercial or industrial sites. Further, particular groundwater benzene concentrations also exceed RBSL values for vapor intrusion from ground water into buildings for commercial or industrial sites.

Although no plans have yet been submitted to my "food program" counterpart here in the Health Department (Paul Regan), I understand that immediate plans for the site are for the placement of a *transportable* food facility. It is unclear at this time, therefore, whether a risk-based corrective action (RBCA) evaluation is needed in order to accommodate this anticipated use. What is clear, however, is that some degree of RBCA evaluation will become necessary should permanent structures be erected at the site.

You are encouraged to contact the property owner (First Presbyterian Church) regarding plans for the site, as well as Mr. Curt Peck of Chevron Research and Technology Center (CRTC) to assist you in evaluating these risk issues.

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

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Mee Ling Tung, Director
Kevin Graves, RWQCB
Paul Regan, ACDEH
Robert Aitzen, First Presbyterian Church
2490 Grove Way, Castro Valley, CA 94546-7199
Curt Peck, Chevron Research and Technology Center
P.O. Box 4054, Richmond, CA 94804-0054

ENVIRONMENTAL
PROTECTION

97 FEB 32 AM 9:30



Chevron

February 27, 1997

Mr. Scott Seery
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 6004
San Ramon, CA 94583-0904

Marketing - Sales West
Phone 510 842-9500

Re: Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

Dear Mr. Seery:

Enclosed is the Limited Subsurface Environmental Investigation Report that was conducted near the former dispenser islands and the pipeline pathways. The purpose of this investigation was to evaluate the soil conditions beneath the former islands and pipeline pathways, to determine if there were any residual hydrocarbons in these areas and thereby causing an impact to the groundwater. The investigation was also to determine if any pipelines remained in the area.


An underground utility survey was conducted at the site and no lines were detected in the location of the former pipeways. Six borings were drilled at the site, with four borings drilled to a depth of 16.5 feet below grade and two borings to a depth of 19.5 feet below grade. Soil samples were collected at a minimum of every 5 feet. The samples were analyzed for TPH-g and BTEX constituents, with samples from boring B-1 also analyzed for organic carbon, porosity and bulk density.

Fill material was encountered in all the borings from approximately 2 to 6 feet in depth, with native soil below the 6 foot depth. Groundwater was encountered in the borings from 16 to 19 feet in depth. The analytical results indicate that the soil underneath the dispenser islands have been impacted by petroleum hydrocarbons, within the 2.5 to 5.5 foot range, with concentrations upto 1,200 ppm-TPH-g, and 1.5 ppm-benzene constituent. The soil beneath the old pipeways does not appear to be impacted by petroleum hydrocarbons.

The analytical results of the soils between the 5.5 foot level and the capillary fringe zone are below method detection levels and have minimal impact from petroleum hydrocarbons. Therefore, it appears that the areas investigated did not cause any impact to the groundwater, however, there are petroleum hydrocarbons still remaining in the near surface areas of the dispenser islands.

If you have any questions or comments call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY


Philip R. Briggs
Site Assessment and Remediation Project Manager

February 27, 1997
Mr. Scott Seery
Chevron Service Station # 9-2960
Page 2

Enclosure

cc. Ms. Bette Owen, Chevron

Mr. Kevin Graves
RWQCB-San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Mr. David Knutson
President, Board of Trustees
First Presbyterian Church
2490 Grove Way
Castro Valley, CA 94546-7199

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF
ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

II, III

Site ID # 656 Site Name Chevron #9-2960 Today's Date 2/5/97

Site Address 2416 Grove Way

City Castro Valley Zip 94546 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- ____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
 III. Under ground Storage Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

9:00-11:30

1:45-4:45

2.5

3

On site to observe drilling / sampling former dispenser islands and product piping trenches. All sample points are to be hand-augured first to a depth sufficient to determine whether each are located in the correct locations.

Hole 1 - Redwood Rd dispenser island. Native material (clay) reached @ ~ 3 1/2 feet depth. HC odor noted in materials at this depth. Samples to be collected @ 5' intervals. 5' sample reportedly exhibited less HC odor, 10' sample no odors, 15' sample (cap fringe) had HC odor. GW reached @ 16 1/2', w/ evident odor.

Hole 2 - Apparent fill encountered to ~ 5 1/2' BG. Native clayey gravel encountered to 10', where sandy gravel encountered. GW reached @ ~ 15' BG, with evident odor.

Hole 3 - Apparent fill encountered to ~ 4 1/2'. Similar geology as previous 2 holes.

Hole 4 - similar geology as above

Contact _____

Title _____

Signature _____

Inspector S. Seery

Signature _____

II, III

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

white - env. health
yellow - facility
pink - files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

II, III

Site ID # 656 Site Name Chevron # 9-2960 Today's Date 2/5/97

Site Address 246 Grove Way

City Castro Valley Zip 94546 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

____ III. Under ground Storage Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Hole 5 - Because of a ^{nearby} trench carrying remediation system piping and electrical, boring placement was not ideal. Hence, this sample point was emplaced somewhat outside the product line trench. Geology is similar as with previous borings, except that a sandy clay was encountered @ the zone of saturation, ~18' BG.

Hole 6 - Located within the Grove Way dispenser area. Native clay @ 2 1/2' exhibited significant HC odors, and was sampled. The 5' sample, however, was substantially cleaner. GW was reached @ ~18' in clay gravel. HC odor evident.

Contact _____
Title _____
Signature _____

Inspector S. Seery
Signature _____

II, III

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF
ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

II, III

Site ID # 6576 Site Name Chevron Today's Date 1/31/97

Site Address 2416 Grove Way

City Castro Valley Zip 94546 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- ____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks

2:00 - 2:45

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

On site to observe an attempt to locate buried utilities, and in particular abandoned product lines that might still be present, by a locator service contractor. I was informed at my arrival that this survey had just been completed, and the contractor had just left. I expressed my chagrin to the Götter-Ryan geologist as this task was scheduled to begin @ 2:00. Hence, I did not witness the survey being conducted, as I had requested.

I advised Mr. Briggs that Chevron may begin dismantling the remediation system at this time.

Contact Phil Briggs
Title Chevron
Signature _____

Inspector S. Seery
Signature _____

II, III

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

January 22, 1997

STID 656

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

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

RE: (FORMER) CHEVRON STATION #9-2960, 2416 GROVE WAY, CASTRO VALLEY

Dear Mr. Briggs:

Thank you for our recent receipt of the January 14, 1997 Gettler-Ryan, Inc. (GRI) work plan, as submitted under GRI cover dated January 15, 1997, for the assessment of former dispenser islands and product piping trenches. This work plan is accepted as submitted.

As we have not been able to absolutely verify that product lines were removed during the 1986 tank closures, this office requests that, prior to commencement of any drilling activities, an attempt to locate (still) buried product lines be made using a pipeline / utility locator. I wish to be present at the site when this preliminary task is performed.

As you are aware, the property owner has requested the site be free of development impediments (e.g., treatment compound, etc.) by the end of February. Chevron, therefore, should be poised to affect both the removal of above-ground improvements as well as completing any source removal as may be dictated by what is discovered during this pending phase of work.

Field work is tentatively scheduled for February 5, 1997. Please contact me at (510) 567-6783 should this schedule change.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Mee Ling Tung, Director
Kevin Graves, RWQCB
Paul Regan, ACDEH
Robert Aitzen, First Presbyterian Church
2490 Grove Way, Castro Valley, CA 94546-7199
Greg Gurss, Gettler-Ryan Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

December 20, 1996

STID 656

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

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

RE: (FORMER) CHEVRON STATION #9-2960, 2416 GROVE WAY, CASTRO VALLEY

Dear Mr. Briggs:

This letter is sent in follow-up to our telephone conversation December 18 during which we briefly discussed Chevron's request to remove the current remediation system compound, the property owner's plans for redevelopment of the subject site, and the need to investigate potential source areas not yet investigated. In preparation for our conversation, I reviewed the historic case file and evaluated the efficacy of the soil vapor extraction (SVE) system currently in-place at the site.

Review of the case file reveals that three (3) fuel and one (1) waste oil underground storage tanks (UST) were removed during June 1986. Soil samples initially collected from the fuel UST pit identified the presence of high concentrations of fuel hydrocarbons ($\leq 14,000$ mg/kg). The fuel UST pit appears to have been overexcavated in places up to a reported depth of 23 feet below grade. Samples collected subsequent to overexcavation appear to reflect a marked decrease in fuel concentrations in the immediate fuel UST area. Fuel aromatic compounds ("BTEX") were not sought during either the initial or subsequent sampling events.

One file entry indicates product piping was removed at the time of tank closures (although no verifiable documents confirm this). It does not appear, however, that samples were collected from either piping trenches or below dispenser islands.

The May 20, 1996 Weiss Associates (WA) *System Performance Report* indicates that 8,882 pounds of product was removed from the former UST area through water and soil vapor extraction (SVE) from wells EW-1 and C-1, respectively, since system operation began in October 1993 and June 1994, also respectively. Plots of mass removal rates illustrate the vast majority (8,816 lbs) of product removal was via SVE, with apparent asymptotic removal rates achieved by January 1995. An additional mass removal "spike" appears to have occurred during late 1995, an explanation for which is unclear.

Mr. Phillip Briggs
RE: former Chevron station #9-2960, 2416 Grove Way
December 20, 1996
Page 2 of 3

From June through November 1996, the SVE system was "pulsed" to test whether increased mass removal rates could be achieved and, hence, enhance the efficiency and operational life of the system. The results of this process appear in the December 5, 1996 WA *System Pulsing Update Report*. In this report WA indicates that vapor concentrations did increase in soil gas collected from well C-1 during periods of system quiescence. They conclude that such concentrations were nevertheless not at levels sufficient to justify continued operation of the SVE system as influent gas concentrations trail off sharply once the system is brought back on-line.

The results of the system pulsing test indicate the presence of a latent source of fuel compounds proximal to well C-1. This is further substantiated by both historic and recent trends in dissolved phase fuel hydrocarbon concentrations in water sampled from wells C-1 and C-2. Because neither dispenser island nor piping trenches have been investigated in the 10 years since the USTs were removed, these areas of the site may be acting as long-term sources.

The property owner, First Presbyterian Church, presently has plans to lease the site for a small cafe to be housed in a portable building erected at the site. Removal of the remediation system compound would greatly facilitate this endeavor.

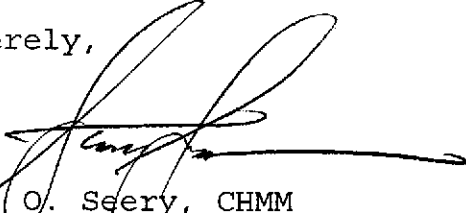
To facilitate the property owner's plans, this office will allow Chevron to remove the current SVE system and treatment compound. However, because certain ground improvements are expected in order to accommodate the planned development, it is imperative that Chevron conduct a limited investigation of the former dispenser areas and pipeline trenches prior to commencement of redevelopment activities. Should a *significant* impact be discovered, Chevron should be prepared to propose and *immediately implement* whatever corrective action necessary to remove these source areas. This office will also be *qualitatively* evaluating the potential exposure risks to future receptors at the site so that a determination may be made whether or not a risk assessment will be required.

The property owner would like to have the site free and clear of development obstacles within 45-60 days. Therefore, please submit a brief work plan discussing the planned scope of work within 30 days of the date of this letter.

Mr. Phillip Briggs
RE: former Chevron station #9-2960, 2416 Grove Way
December 20, 1996
Page 3 of 3

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

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health
Kevin Graves, RWQCB
Jim Ferdinand, Alameda County Fire Department
Paul Regan, ACDEH
Robert Aitzen, First Presbyterian Church
2490 Grove Way, Castro Valley, CA 94546-7199

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

StId 656

June 12, 1996

Kenneth Kan
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon CA 94583-0804

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

Subject: Former Chevron Service Station #9-2960 located at 2416 Grove Way, Castro Valley CA

Dear Mr. Kan:

This office has reviewed Weiss Associates' System Performance Report, dated May 20, 1996, and your letter, dated March 26, 1996, regarding the subject site. Your March 26, 1996 letter contained a proposal to shut-down the remediation system based on the reported absence of liquid phase hydrocarbons over an approximate period of one year, and that the contaminant plume appears to be stable.

It appears that the remediation system at this site has exhibited asymptotic behavior with respect to both a reduction in influent vapor concentration and cumulative mass removal. However, it may be possible to improve the performance of this system if measures to increase system efficiency were evaluated and, if appropriate, implemented in order to maximize source removal efforts at this site. The System Performance Report did not discuss if any performance enhancing alternatives, such as pulsing the system, had been considered or would be appropriate in lieu of the permanent shut-down of the system.

Please submit to this office within 30 days, or by July 12, 1996, an evaluation of the system performance at this site in regard to the effect of increasing remedial system efficiency as stated above. Adequate source removal must be accomplished at this site in order to meet one of the criteria of the San Francisco Bay Regional Water Quality Control Board's definition of a "low risk" groundwater case. In addition, a risk assessment would ultimately be required for this site using the ASTM E1739-95 Standard for Risked Based Corrective Action (RBCA) to determine if there is a significant risk to human health or the environment *prior to* removing the remediation system.

Should you have questions, please contact me at (510)567-6755.

Sincerely,

Amy Leech
Hazardous Materials Specialist

c: ~~Bob Yule~~, First Presbyterian Church, 2490 Grove Way, Castro Valley 94546
Paul Nuti, Weiss Associates, 5500 Shellmound St, Emeryville, CA 94608-2411
Ed Laudani, Alameda County Fire Department
Kevin Graves, RWQCB
Gordon Coleman - ~~File~~(ALL)

06/07/96

WATER RESOURCES CONTROL BOARD
LUSTIS FINANCIAL TRACKING
UPDATE SITES

FIN210S1

ALL

**** LEAVE AGENCY NAME BLANK TO EXIT ****

AGENCY Name: ALAMEDA 01000
CONTRACT NO: 0179550 SOURCE OF FUNDS (S/F):F
SITE NO: 656
SITE NAME: FORMER CHEVRON STATION 9-2960
STREET ADDR: 2416 GROVE WAY
CITY/ZIP: CASTRO VALLEY 94546-

SUBSTANCE: 8006619

DATE REPORTED: 06/19/86
DATE CONFIRMED: 06/19/86
MULTIPLE RP'S: 1

fyi

RESPONSIBLE PARTY

RP Name: 1ST PRESBYTERIAN CHURCH
RP Company: DEBBY WESCOTT
Optional Line:
Street Addr: 2490 GROVE WAY
City/St/zip CASTRO VALLEY CA 94546-

LAST UPDATE

Date: 06/07/96
Source: RP

Please update your records

update done

Post-it [®] Fax Note	7671	Date	6-7	# of pages	1
To	Tom P.	From	Xari		
Co./Dept.		Co.			
Phone #		Phone #			
Fax #	12	Fax #			

LOP - CHANGE RECORD REQUEST FORM

printed:
06/11/96

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

Insp: *all*

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 656 LOC:
 SITE NAME: Former Chevron Station #9-2960 DATE REPORTED : 06/19/86
 ADDRESS : 2416 Grove Wy DATE CONFIRMED: 06/19/86
 CITY/ZIP : Castro Valley 94546 MULTIPLE RPs : Y

SITE STATUS

 CASE TYPE: g CONTRACT STATUS: 7 PRIOR CODE:1B3 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 05/08/92
 PRELIMINARY ASMNT: C DATE UNDERWAY: 10/01/86 DATE COMPLETED: 12/01/91
 REM INVESTIGATION: c DATE UNDERWAY: 12/05/91 DATE COMPLETED: 05/06/92
 REMEDIAL ACTION: U DATE UNDERWAY: 05/03/93 DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 05/08/92
 LUFT FIELD MANUAL CONSID: 3HSCAWG
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 06/19/86 REMEDIAL ACTIONS TAKEN: PT

GT

RESPONSIBLE PARTY INFORMATION

 RP#1-CONTACT NAME: Debby Wescott
 COMPANY NAME: 1st Presbyterian Church
 ADDRESS: 2490 Grove Way
 CITY/STATE: Castro Valley, C A 94546

RP#2-CONTACT NAME: Phil Briggs
 COMPANY NAME: Chevron U. S. A.
 ADDRESS: P. O. Box 5044
 CITY/STATE: San Ramon, C A 94583-0804

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only Case Progress Changes

ANPNPGMS _____ LOP _____ DATE _____ LOP _____ DATE _____

Rotary Controls in Tracking Tasks

There are various human factors aspects of rotary controls (such as cranks) as used in tracking tasks. As examples, Swartz, Norris, and Spragg (3) investigated the relationship between size of cranks and their location in a two-handed tracking task, as related to the performance by their subjects. TOT (Time On Target) was greatest for the 2- and 3-in cranks (5.0 and 7.6 cm) with 4-in (10 2-cm) cranks being next best, and that the position of the cranks also influenced tracking performance.

Stick-Type Controls

As indicated earlier, there is evidence that the ratio of lever movement to display-indicator movement apparently is a fairly critical feature of stick control devices. In one study it was found that length of joy stick (12, 18, 24, or 30 in or 30.5, 45.7, 61.0, or 76.2 cm) was relatively unimportant in both speed and accuracy of making settings, as long as the C/D ratio was around 2.5 or 3.0 (Jenkins and Karr, 16).

In a tracking task (as opposed to a task of making a particular setting), however, it was found that joy-stick length had at least a moderate effect upon tracking performance (Hartman, 13). Within the range of stick lengths from 6 to 27 in (15 to 69 cm), those around 18 in (46 cm) were relatively optimum, although the advantage of that length over others was not great--about 10 percent. It was proposed that, where it would not interfere with other more critical design requirements, the length of such sticks be about 18 in (46 cm). It was further proposed that especially long sticks (say, 27 in or 69 cm) be avoided, since they tend to interfere with comfortable positioning of the operator.

ENVIRONMENTAL
PROTECTION



Chevron

96 MAR 27 PM 1:41

March 26, 1996

Chevron U.S.A. Products Company

6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Ms. Amy Leach
Alameda Co. Dept. of Environmental Health
1131 Harbor Bay Pkwy, 2nd Floor
Alameda, CA 94502-6577

Marketing - Northwest Region

Phone 510 842 9500

Re : Former Chevron Service Station 9-2960
2416 Grove Way, Castro Valley, California

Dear Ms. Leach :

Enclosed is the "System Performance Report" prepared by Weiss Associates at the request of Chevron Products Co. dated March 5, 1996. The enclosed report summarizes the amount of petroleum hydrocarbons removed, system description, operational and maintenance activities, and system performance evaluation.

Weiss evaluation states overall groundwater concentrations have decreased, and down-gradient monitoring wells have either remained non-detect or near the detection limit for TPH-G and BTEX. Weiss evaluation shows groundwater concentrations decreasing as well as decreasing mass removal from the groundwater and soil vapor extraction system. Weiss's Charts 1 through 4 depicts these trends. To date, ~~Weiss has calculated over 8800~~ **pounds of hydrocarbons have been removed.**

Based on Weiss's evaluation, and the fact that liquid phase hydrocarbons have been absent for almost a year, and the stability of the plume before and after the system was installed, Chevron recommends the system be shut-down. The enclosed report provides more information supporting the shut-down of both systems. Chevron would also like to have the opportunity of removing both systems from the site either now or when a ASTM Risk Based Corrective Action (RBCA) assessment has been completed. A response from your office would be appreciated. If you have any questions or comments, please call me at (510) 842-8752.

Sincerely,
Chevron Products Co.

Kenneth Kan
Engineer

LKAN/92960R05

cc : Mr. Kevin Graves, RWQCB-San Francisco Bay Region
2101 Webster St., Suite 500, Oakland, CA 94612

Mr. Bob Yule, First Presbyterian Church
2490 Grove Way, Castro Valley, CA 94546

Ms. Bette Owen, Chevron Products Co.



Chevron

RECEIVED
FEB 13 1996

February 8, 1996

Chevron U.S.A. Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Ms. Amy Leach
Alameda Co. Dept. of Environmental Health
1131 Harbor Bay Pkwy, 2nd Floor
Alameda, CA 94502-6577

Marketing - Northwest Region
Phone 510 842 9500

Re : Former Chevron Service Station 9-2960
2416 Grove Way, Castro Valley, California

Dear Ms. Leach :

The enclosed report from Blaine Tech Services dated February 7, 1996 documents the results of the January 2, 1996 monitoring and sampling event. Results show non-detectable levels of dissolved hydrocarbons in monitoring wells C-5, C-6, and C-7. Results show a relatively minor detection of benzene, toluene, ethylbenzene, and xylene in C-4 and only xylene in C-3. This detection is probably anomaly since this is the first detection in either several years or quarters. Overall, results show lower levels of dissolved petroleum hydrocarbons and no Methyl t-butyl ether (MTBE). Since MTBE was non-detect, Blaine will no longer test for MTBE. Liquid hydrocarbons are no longer present in well C-1

What about RW?

Based on what?

→ Strange! not true!

In regards to your telephone conversation requesting a performance evaluation of the remediation system, Chevron will have Weiss Associates who performs the operation and maintenance of the system conduct the performance evaluation. Chevron will also have another consultant re-examine this site in light of the potential changes in regulations. If you have any questions or comments, please feel free to give me a call at (510) 842-8752.

Sincerely,
Chevron U.S.A. Products Co.

Kenneth Kan
Engineer

LKAN/92960R03

cc : Mr. Kevin Graves, RWQCB-San Francisco Bay Region
2101 Webster St., Suite 500, Oakland, CA 94612

Mr. Bob Yule, First Presbyterian Church
2490 Grove Way, Castro Valley, CA 94546

Ms. Bette Owen, Chevron USA Products Co.

Mr. Fran Thie, Blaine Tech Services (w/o enclosure)
985 Timothy Dr., San Jose, CA 95133
(Note: Discontinue sampling for MTBE)



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

StId 656

January 10, 1996

Alameda County Environmental Health Dept.
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577
(510)567-6700 fax: (510)337-9335

Kenneth Kan
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon CA 94583-0804

Subject: Investigations at the Former Chevron Service Station #9-2960 located at
~~2616~~ 2416 Grove Way, Castro Valley, CA

Dear Mr. Kan:

This office has recently completed a review of Blaine Tech Service Inc.'s Fourth Quarter 1995 Groundwater Monitoring report for the subject site. We also attempted to review the operational status of the soil vapor and groundwater extraction remediation systems; however, no performance evaluations of these systems have been included in the quarterly or any other reports submitted to date. In order for us to evaluate the effectiveness of source removal at the site, please forward to us performance evaluations of the soil vapor and groundwater extraction systems since the systems became operational in 1993.

The performance evaluations should include:

- Floating product thickness found in C-1 and EW-1
- Method used and amount of floating product recovered
- Measured and average flow rates of the groundwater extraction system
- Calculations of contaminant mass removed to date

Analysis of the system performance along with the historical groundwater sampling data at the site will assist in determining the need to continue operating all or part of the remediation system in the future. At a minimum, source removal in an appropriate fashion will be required to continue.

Please forward the performance evaluations to this office within the next 30 days, or by February 13, 1995. In the future, the aforementioned information should be periodically incorporated into status reports submitted to this office so that we can continue to engage in assessing the effectiveness of the corrective action plan for this site.

Also, attached is a letter from the San Francisco Regional Water Quality Control Board dated May 2, 1995 which requires reporting of Methyl Tertiary Butyl Ether (MTBE) at all sites where a gasoline release occurred after 1983. Please begin analyzing for MTBE at the subject site during the next groundwater sampling event.

Chevron/Kan
Re: 2616 Grove Way
January 10, 1996
Page 2 of 2

Please note that the review of environmental assessment/investigations for the subject site has been transferred from Scott Seery to the undersigned of this office. Should you have questions, please contact me at (510)567-6755 and submit all reports to my attention. Thank you for your attention to these matter.

Sincerely,



Amy Leech
Hazardous Materials Specialist

ATTACHMENT

c: ^{5/26} Ed Laudani, Alameda County Fire Department
Kevin Graves, RWQCB
Gordon Coleman - File(ALL)

09/16/92	SS	204	3.3	656	\$152.95	public hearing at Alameda Co. Public Works Dept. re: location of GW treatment pad; meeting w/ Bob Preston with county TRaffic Engineering re: same
09/16/92	SS	212	0.3	656	\$13.90	call w/ Ken Kan re: today's hearing re: treatment pad location
Act92_5						
10/01/92	SS	212	0.3	656	\$13.90	returned call to Chevron's Ken Kan -left message; call from Mr. Kan re: status of remediation system enclosure location review by AlCo PW; memo to file
Act93_1						
01/25/93	SOS	212	0.1	656	\$4.73	call (message) for Ken Kan for status update on remediation system
01/25/93	SOS	215	0.7	656	\$33.09	review of 11/12/92 and 7/10/92 AGS QMRs
01/26/93	SOS	212	0.1	656	\$4.73	discuss case w/ Ken Kan
02/22/93	SOS	215	0.2	656	\$9.45	discuss case w/ EC
Act93_2						
06/10/93	SOS	210	0.2	656	\$9.45	site visit to chech progress w/ construction of P&T system
06/25/93	SOS	215	0.4	656	\$18.91	update database file
Act93_3						
09/08/93	SOS	210	0.3	656	\$15.37	site visit to determine status of P & T treat system construction
09/27/93	SOS	210	0.6	656	\$30.74	site visit to determine if P & T system operating; meo to file
Act93_4						
12/28/93	SOS	210	0.4	656	\$20.49	site visit to confirm operation of GW remediation system
Act94_1						
01/12/94	SOS	215	0.8	656	\$42.65	review of 11/23 and 9/28/93 GTI reports
02/23/94	SOS	212	0.1	656	\$5.33	call w/ Tim Watchers (GTI) re: sampling requirements
03/08/94	SOS	215	1.4	656	\$74.63	review 2/18/94 GTI QMR; brief case file review
Act94_2						
Act94_3						
08/01/94	SOS	210	0.3	656	\$17.55	site visit to check status of P&T system
08/22/94	SOS	215	0.6	656	\$31.98	review 8/8/94 and 5/11/94 GTI QMRs
Act94_4						
11/01/94	SOS	215	0.2	656	\$10.66	review of 5/10/94 WA "dischsrge compliance report"
12/27/94	SOS	215	0.5	656	\$26.65	review of 11-28-94 GTI QMR; case file review
Act95_1						
02/24/95	SOS	212	0.1	656	\$5.33	call from Ken Kan (Chevron) re: use of site as parking lot by church; NAA discussion
03/21/95	SOS	215	0.4	656	\$21.32	review 3/13/95 Blaine Tech QMR; brief file review
Act95_2						
06/23/95	SOS	215	0.1	656	\$5.33	discuss case w/ ALL
Act95_3						
-0-						
10/27/95	ALL	215	0.5	656	\$21.96	REVIEW CASE TRANSFERRED FROM S.SEERY. REVIEW QMRS DATED 5/17, 8/30, 10/20/95.
11/16/95	ALL	204	1.5	656	\$65.87	MEETING W/COUNTY D.A. RE: CHEVRON INVESTIGATIONS.
11/20/95	SOS	206	0.2	656	\$11.14	review Chevron case worker history for DA's office

Listing of all activities since 1991 for StID # 656
as of 01/10/96

Act91_4

Act92_1

Act92_2

ActivDat	Insp	ACT	Activ	StID	ActCostF	aComment
05/07/92	EC	200	1.	656	\$41.03	Transfer to LOP and notificati
05/18/92	SS	215	0.3	656	\$13.07	call w/ Ken Kan (Chevron) re:
05/19/92	SS	215	0.1	656	\$4.36	call w/ Rich Hiatt
05/22/92	SS	215	0.2	656	\$8.72	call w/ Bob Yule (Presbyterian
05/26/92	SS	215	0.6	656	\$26.15	call w/ Tom Berry (Weiss) re:
Act92_3						
Act92_4						
09/15/92	SS	212	0.3	656	\$13.90	call w/ Ken Kan (Chevron) re: public hearing slated for 9/16/92 to discuss variance request for treatment pad enclosure location

Chewnon
2406 Grove way
Castro Valley

9-27-93

MEMO to file:

I visited the site to note the status of the P+T system. It appears to be constructed, yet not operational. When this treatment compound was visited several weeks ago (Sept. 9?), it appeared in a similar state. Is it operating??

SOS



Chevron U.S.A. Products Company

2410 Camino Ramon, San Ramon, California • Phone (510) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

Operations

February 2, 1993

Mr. Scott Seery
Alameda County Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Re: Former Chevron Service Station No. 9-2960
2416 Grove Way, Castro Valley, CA 94546

Dear Mr. Seery :

Enclosed is the last page of Table 1 from the quarterly monitoring and sampling report dated January 28, 1993. This page has the rinsate results.

If you have any questions or comments, please feel free to call me at (510) 842-8752.

Sincerely,

Chevron U.S.A. Products Co.

Kenneth Kan
Engineer

LKAN/MacFile 9-2960R11

Enclosure

cc: Mr. Rich Hiatt
RWQCB-S.F.Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Mr. Bob Yule
First Presbyterian Church
2490 Grove Way
Castro Valley, CA 94546

Ms. Bette Owen
Chevron U.S.A. Products Co.

Table 1
 Summary of Results of Ground Water Sampling
 Former Chevron Service Station # 9-2960
 2416 Grove Way/Redwood Road, Castro Valley, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	TOP OF WELL BOX ELEVATION	DEPTH TO WATER	FREE PRODUCT THICKNESS	GROUND WATER ELEVATION	TPH-G	B	T	E	X	LAB
RINSATE	09/10/87	NA	NA	NA	NA	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ENS
RINSATE	10/25/90	NA	NA	NA	NA	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
RINSATE	09/24/90	NA	NA	NA	NA	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
RINSATE	01/09/92	NA	NA	NA	NA	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
RINSATE	03/06/92	NA	NA	NA	NA	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
RINSATE	06/04/92	NA	NA	NA	NA	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
RINSATE	09/28/92	NA	NA	NA	NA	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL

EXPLANATION OF ABBREVIATIONS:

TPH-G :Total Petroleum Hydrocarbons as Gasoline (EPA method 8015 modified)
 B :Benzene (EPA method 8020 or 8240)
 T :Toluene (EPA method 8020 or 8240)
 E :Ethylbenzene (EPA method 8020 or 8240)
 X :Xylenes (EPA method 8020 or 8240)
 TB :Trip Blank

--- :Not analyzed/Not measured
 NA :Not applicable/Not available
 TMA :Thermo Analytical Inc.
 ENS :Enseco
 SAL :Superior Analytical Laboratory
 * :Concentration for m-Xylene only.
 ** :Non-standard gasoline pattern observed
 *** :The chromatogram shows only a single peak in the gasoline range.
 I :Not sampled due to observed sheen.
 II :Ground water elevation not determined for well C-1 due to free product thickness >.20

Note: Top of casing and ground water elevations are expressed at feet above mean sea level (NGVD - 1929)



Chevron U.S.A. Products Company

2410 Camino Ramon, San Ramon, California • Phone (510) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

Marketing Department

92 MAY 27 11 09 27

May 26, 1992

Mr. Scott Seery
Alameda County Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Re : Former Chevron Service Station No. 9-2960
2416 Grove Way, Castro Valley, CA 94546

Mr. Seery :

Enclosed is the Remediation System Installation Schedule dated May 21, 1992 for the above referenced site.

If you have any questions or comments, please feel free to call me at (510) 842-8752.

Sincerely,

Chevron U.S.A. Products Co.

Kenneth Kan
Engineer

LKAN/MacFile 9-2960R7

Enclosure

cc : Mr. Rich Hiatt, RWQCB-S.F. Bay Region
2101 Webster Street, Suite 500, Oakland, CA 94612

Mr. Bob Yule, First Presbyterian Church
2490 Grove Way, Castro Valley, CA 94546

Ms. Bette Owen, Chevron U.S.A. Products Co.



92 MAY 21 1992

May 21, 1992

Handwritten initials and scribbles.

Mr. Kenneth L. Kan
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

Re: Remediation System Installation
Schedule
Former Chevron SS# 9-2960
2416 Grove Way
Castro Valley, CA
WA Job # 4-552-80

Dear Mr. Kan:

As you requested, Weiss Associates (WA) submits the following estimated schedule for design, permitting, installation and start-up of the remediation system as proposed in the April 8, 1992 work plan for the above-referenced site. The schedule for system installation is dependent on permit approvals, equipment and contractor availability, and weather conditions. System start-up schedule assumes no delays resulting from system installation, inspections, changes in environmental regulations and equipment reliability. This schedule also assumes no delays due to Bay Area Rapid Transit expansion planning or construction activities.

<u>Task</u>	<u>Start Date</u>	<u>Completion Date</u>
System Design and Drawings:	June 1, 1992	July 10, 1992
Permitting:	July 13, 1992	October 2, 1992 ¹
Ground Water Extraction (GWE) System Procurement and Installation:	October 5, 1992	November 13, 1992
GWE System Start-up/Fine-Tuning:	November 16, 1992	November 30, 1992
GWE System Routine Operation:	December 1, 1992	

¹ Does not include BAAQMD permit approval. BAAQMD permit application will be submitted by early August, 1992, but approval turnaround is dependant on BAAQMD work load.

Mr. Kenneth L. Kan
May 21, 1992

2

Weiss Associates



We will install the soil vapor extraction system piping in conjunction with GWE piping. We will install the soil vapor treatment system upon receipt of an Authority to Construct permit from the Bay Area Air Quality Management District (BAAQMD).

We trust this schedule meets your needs. Please feel free to call with any questions or comments.

Sincerely,
Weiss Associates

A handwritten signature in cursive script that reads "Thomas R. Berry".

Thomas R. Berry
Project Geologist

TRB:trb

E:\ALL\CHEV\550\552L1MY2.WP



FACSIMILE COVER SHEET

CHEVRON U.S.A. PRODUCTS COMPANY
Marketing - West Central Region



Mailing Address : Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804
(Street - 2410 Camino Ramon)

Date : 5-21-92		
To : SCOTT SEERY - ALAMEDA CO. HEALTH Fax Number : 569-4757		
From : KENNETH KAN S.A.R. GROUP	Phone Number	Room / Building
	842-8752	1445/2410
Subject : FORMER CHEVRON SERVICE STATION 9-2960 CASTRO VALLEY TIMELINE FOR REMEDIATION SYSTEM INSTALLATION		
Remarks : ATTACHED IS A TIME LINE FOR REMEDIATION SYSTEM INSTALLATION. THE HARD COPY WILL BE SENT TO YOU ONCE CHEVRON HAS RECEIVED IT FROM THE CONSULTANT. IF YOU HAVE ANY QUESTIONS OR COMMENTS, PLEASE CALL.		

Number of Pages Including Cover Sheet 3

To Reply By Facsimile - Dial (510) 842-9591

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

May 6, 1992

Mr. Kenneth Kan
Chevron U.S.A. Inc.
P.O. Box 5004
San Ramon, CA 94583-0804

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

RE: GROUND WATER / SOIL REMEDIATION SYSTEM; FORMER CHEVRON STATION,
2416 GROVE WAY, CASTRO VALLEY, CA 94546

Dear Mr. Kan:

The Department has completed review of the Weiss Associates (WA) April 8, 1992 Remediation Work Plan for the referenced site, as submitted under Chevron cover dated April 13, 1992.

This WA work plan is acceptable in principle. However, as you are well aware, the initiation of soil and ground water remediation at this site has been unreasonably delayed for several years. As a result, the Department requires the submittal of a project schedule and time line depicting dates by which each project task will be initiated and completed, including those tasks associated with application and issuance of permits from other agencies, construction, and system start-up and performance evaluation, among other elements. Please be advised that we expect to see an aggressive approach to scheduling this project.

The project time line/schedule is due for submittal within 15 days of the date of this letter, or by May 22, 1992.

Please be further advised that Chevron will be required to closely adhere to this schedule once it is approved.

Please feel free to contact me at 510/271-4320 should you have any questions.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Division
Gil Jensen, Alameda County District Attorney's Office
Rich Hiatt, RWQCB
Howard Hatayama, DTSC
Bob Bohman, Castro Valley Fire Department
Thomas Berry, Weiss Associates

DATE:

TO : Local Oversight Program

FROM:

SUBJ: Transfer of Eligible Oversight Case

Site name: Former Chevron Station # 9-2966

Address: 2416 Grove Way city C.V. zip 94546

Closure plan attached? Y N DepRef remaining \$ _____

DepRef Project # _____ STID #(if any) 656

Number of Tanks: 4 removed? Y N Date of removal 6-19-86

Leak Report filed? Y N Date of Discovery _____

Samples received? Y N Contamination: soil, water

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

Monitoring wells on site SON 2 off Monitoring schedule? Y N

LUFT category 1 2 3 * H S C A R W G O

Briefly describe the following:

Preliminary Assessment Pro

Remedial Action Proposed SVE and PT

Post Remedial Action Monitoring _____

Enforcement Action _____

Gwat 30-34'

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

May 6, 1992

Mr. Kenneth Kan
Chevron U.S.A. Inc.
P.O. Box 5004
San Ramon, CA 94583-0804

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

RE: GROUND WATER / SOIL REMEDIATION SYSTEM; FORMER CHEVRON STATION,
2416 GROVE WAY, CASTRO VALLEY

Dear Mr. Kan:

The Department has completed review of the Weiss Associates (WA) April 8, 1992 Remediation Work Plan for the referenced site, as submitted under Chevron cover dated April 13, 1992.

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The project time line/schedule is due for submittal within 15 days of the date of this letter, or by May 22, 1992.

Please be further advised that Chevron will be required to closely adhere to this schedule once it is approved.

Please feel free to contact me at 510/271-4320 should you have any questions.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Division
Gil Jensen, Alameda County District Attorney's Office
Rich Hiatt, RWQCB
Howard Hatayama, DTSC
Bob Bohman, Castro Valley Fire Department
Thomas Berry, Weiss Associates

File



Chevron U.S.A. Inc.
2410 Camino Ramon, San Ramon, California • Phone (510) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

2/10/92
SOS

Marketing Department

January 21, 1991
92

92 JAN 23 PM 12:33

Mr. Scott Seery
Alameda County Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Re: Former Chevron Service Station #9-2960
2416 Grove Way, Castro Valley, CA 94546

Mr. Seery :

Enclosed is the soil vapor extraction pilot test report dated January 15, 1992. Test results indicate that a soil vapor extraction system will work favorably at this site. By extracting vapors from well, C-1, vacuum influence was recorded in all monitoring points on-site. However, there was little or no influence in the monitoring points off-site. Two other extraction points (C-2 and C-3) were tested and both showed good vacuum influence. A work plan is currently being prepared that will include a soil vapor extraction system.

If you have any questions or comments, please feel free to call me at (510) 842-8752.

Sincerely,

Kenneth Kan
Engineer

LKAN/MacFile 9-2960R2

Enclosure

cc: Mr. Rich Hiett
RWQCB-S.F. Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Ms. Bette Owen
Chevron U.S.A., Inc.