

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT
8-16-05

August 15, 2005

Mr. Mark Inglis
Chevron Products Co.
P.O. Box 6012, Room K2256
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. Inglis:

Subject: Fuel Leak Case No. RO0000350, Chevron #9-5607, 5269 Crow Canyon Road,
Castro Valley, CA 94546

Alameda County Environmental Health (ACEH) staff has recently reviewed the Two-Phase Extraction Pilot Test Report, dated July 12, 2005, prepared by Cambria for the subject site. The test was performed over a period of twelve days from two extraction wells. Results from this test were positive, with apparent successful removal of petroleum hydrocarbons from through vapor and groundwater extraction. We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. Our office is concerned with the persistent free product and elevated dissolved product on and off the subject site. Such contamination serves as a continual source for the dissolved plume, which has migrated beneath the adjacent townhomes and likely impacted the down-gradient creek. We request that you initiate interim remediation at this site using the dual phase technology previously shown to be applicable for this site and/or rehabilitate and activate the existing groundwater extraction system. Please provide your interim remediation work plan as requested below.
2. Based upon the results of the pilot test, it appears that remediation using dual phase extraction technology is appropriate for this site. However, we are concerned about the delay, which has occurred since the completion of the pilot test (10/03) and the lack of submittal of your Remedial Action Plan (RAP) work plan. Please submit your remediation work plan as requested below.
3. Although prior estimations from Chevron predicted no benzene impact to the down-gradient Crow Creek in excess of 1 ppb, we are concerned that TPHg levels exceeding ESLs may be impacting the Creek. Although a replacement wells for C-10(A&B) is pending the development of the nearby property, it appears that additional groundwater sampling along a transect including C-16 and C-15 would be appropriate to determine the impact to Crow Creek. Please consider additional groundwater sampling near Crow Creek and respond as requested below.
4. We request that you develop a Site Conceptual Model (SCM) for your site, preferably an electronic version. We discussed the elements of a SCM in the meeting at the County offices and hope you are now familiar with it and its usefulness. Please contact me should you need further explanation or guidance in its development. It is believed that the SCM will identify the release hypothesis, data gaps and streamline additional work at the site. Please submit your SCM as requested below.

TECHNICAL REPORT REQUEST

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

- **September 16, 2005** - Work plan for Interim Remediation and Correction Action Plan with comments (or work plan) on/for additional down-gradient groundwater sampling.
- **October 14, 2005**- Initial SCM

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

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." 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. 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 monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or

certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: files, D. Drogos

Mr. Brian Busch, Cambria Environmental, 5900 Hollis St., Suite A, Emeryville, CA 94608

Mr. Kevin Hinckley, 5269 Crow Canyon Rd., Castro Valley, CA 94546

Ms. Dianne Riggs, Forest Creek Townhomes Assoc., c/o Walsh Property Management,
P.O. Box 2657, Castro Valley, CA 94541

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



1-11-03

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

RO0000350

September 10, 2003

Ms. Karen Streich
Chevron Products Co.
P.O. Box 6004
San Ramon, CA 94583

RE: Work Plan Approval for Former Chevron Station 9-5607 at
5269 Crow Canyon Road, Castro Valley, CA

Dear Ms. Streich:

I have completed review of Cambria's September 2003 *TPE Event Work Plan* prepared for the above referenced site. Cambria proposed to perform a two-phase extraction event at the site. A vacuum will be applied to Wells C-3 and C-6 over five days to extract groundwater and soil vapor. The proposed work plan is acceptable. Field work should commence within 60 days of the date of this letter, or by **November 12, 2003**. Please provide at least 72 hours advance notice of field activities.

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

eva chu
Hazardous Materials Specialist

c: Donna Drogos
email: Greg Bentley, Cambria

chevron9-5607-1

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



10-23-02

October 22, 2002

RO 350

Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
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

RE: Chevron Station # 9-5607, 5269 Crow Canyon Road, Castro Valley - Request for Total Fuel Oxygenate Analyses

Dear Ms. Streich:

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

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

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

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

Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB
Robert Weston, ACDEH
Deanna Harding, Gettler-Ryan Inc., 6747 Sierra Ct., Ste. J, Dublin, CA 94568
James Brownell, Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Ste. 200, Rancho Cordova, CA 95670

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



07-02-02

June 28, 2002

RO0000350

Ms. Karen Streich
Chevron 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 Station #9-5607, 5269 Crow Canyon Road, Castro – Source removal plan and evaluation of impacts to Crow Creek

Dear Ms. Streich:

A meeting was held on January 12, 2000, with representatives from this office, the San Francisco Regional Water Quality Control Board (RWQCB), Chevron, and your consultant at the time, Weiss Associates. The outcome of that meeting was summarized in correspondence from this office dated January 13, 2000, which identified three tasks for Chevron to complete:

- 1) Revise the (then) current Tier 2 Risk-Based Corrective Action (RBCA) evaluation
- 2) Evaluate source removal options and submit a proposal for this work, and
- 3) Determine potential impacts to Crow Creek through plume modeling or other means

Tasks 2 and 3 were to be completed within 60 days of the date of the January 13th letter.

Although Task 1 was satisfied through submittal of a Weiss Associates report dated May 31, 2000, entitled "Project Summary", this office has not received any submittal addressing Tasks 2 and 3 to date. A copy of the referenced January 13, 2000, letter is attached for your reference.

At this time Chevron is directed to submit a response to Tasks 2 and 3, above, within 60 days of the date of this letter. Please be advised that this letter constitutes an official request for technical reports pursuant to Water Code Sec. 13267(b).

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

Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

attachment (addressee, only)

c: Chuck Headlee, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



05-30-02

May 29, 2002

RO0000350

Ms. Karen Streich
Chevron 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 Station #9-5607, 5269 Crow Canyon Road, Castro – Sampling schedule revisions

Dear Ms. Streich:

This letter is sent in follow-up to a May 20, 2002 letter from your consultant, Delta Environmental Consultants, Inc. (Delta), requesting revisions to the current well sampling schedule and reporting scope.

After consideration of this request, the following sampling schedule revisions have been accepted:

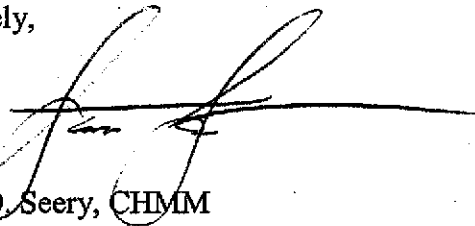
<u>Well</u>	<u>Revision</u>
C-5	Reduce from semiannual to annual schedule
C-8	Reduce from quarterly to semiannual schedule (although reduction to an annual schedule is also acceptable)
C-11	Reduce from quarterly to annual schedule
C-13	Reduce from semiannual to annual
C-14	Discontinue sampling
C-16	Reduce from quarterly to annual schedule

We also agree to limit groundwater elevation data collection and reporting for specific wells to those quarters when wells are sampled. However, please continue to include contaminant isoconcentration maps for benzene and TPH-G in each quarterly report. MtBE isoconcentration maps are not necessary at this time.

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

Ms. Karen Streich
Re: 5269 Crow Canyon Rd., Castro Valley
May 29, 2002
Page 2 of 2

Sincerely,

A handwritten signature in black ink, appearing to read "Scott O. Seery", with a long horizontal line extending to the right.

Scott O. Seery, CHMM
Hazardous Materials Specialist

c: Chuck Headlee, RWQCB
Ben Heningburg, Delta Env. Consultants, Inc., 3164 Gold Camp Dr., Ste. 200
Rancho Cordova, CA 95670-6021

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



06-26-01

20350

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

June 25, 2001

STID 670

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

Re: Former Chevron Station #9-5607, 5269 Crow Canyon Road, Castro Valley – Removal of wells C-10A and C-10B from adjoining property

Dear Mr. Bauhs:

This letter is sent in follow-up to a June 15, 2001 letter request from your consultant, Delta Environmental Consultants, Inc., (Delta) for permission to destroy monitoring wells C-10A and C-10B. Delta's request stems from an earlier request from the Alameda County Public Works Agency to remove these wells from county-owned property to facilitate a property transfer.

This request is granted. No plans for replacement or relocation of the subject wells are expected at this time.

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

Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

c: John Fenstermacher, Alameda Co. Public Works Agency (QIC 50507)
James Brownell, Delta Env. Consultants, Inc., 3164 Gold Camp Dr., Ste. 200
Rancho Cordova, CA 95670-6021

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 1/13/00
Including cc's

R0350

January 13, 2000

STID 670

Brett L. Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

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

RE: (former) Chevron Station #9-5607, 5269 Crow Canyon Road, Castro Valley

Dear Mr. Hunter:

This letter is sent in follow-up to the meeting we had yesterday with Chuck Headlee of the Regional Water Quality Control Board (RWQCB) and Tim Utterback of Weiss Associates (WA), your environmental consultant. As you will recall, we discussed a wide range of topics associated with the continuing investigation, clean-up objectives, and human health risk assessment for the subject former Chevron site. Several action items were agreed to at this meeting, as summarized below:

- The current Tier 2 Risk-Based Corrective Action (RBCA) evaluation will be revised in the form of an addendum in order to reflect the 1998 soil vapor investigation, a revisiting of the 1996 data set, and updated risk calculations based on the most sensitive potential receptor population, among other elements discussed.
- Source removal options will be explored and a proposal submitted within 60 days.
- Plume length and potential impacts to Crow Creek will be modeled, or otherwise extrapolated or calculated. The results of this work will be submitted concurrently with the source removal proposal.

I sincerely appreciate your conscientious efforts to date to satisfy the requests from this office during the course of this project. Please call me at (510) 567-6783 should you have any questions or comments.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Ariu Levi, Chief, Environmental Protection
Chuck Headlee, RWQCB
Dianne Riggs, Walsh Property Management, P.O. Box 2657, Castro Valley, CA 94541
Tim Utterback, Weiss Associates, 5500 Shellmound St., Emeryville, CA 94608-2411

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



January 13, 2000

STID 670

Brett L. Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

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

RE: (former) Chevron Station #9-5607, 5269 Crow Canyon Road, Castro Valley

Dear Mr. Hunter:

This letter is sent in follow-up to the meeting we had yesterday with Chuck Headlee of the Regional Water Quality Control Board (RWQCB) and Tim Utterback of Weiss Associates (WA), your environmental consultant. As you will recall, we discussed a wide range of topics associated with the continuing investigation, clean-up objectives, and human health risk assessment for the subject former Chevron site. Several action items were agreed to at this meeting, as summarized below:

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- Source removal options will be explored and a proposal submitted within 60 days.
- Plume length and potential impacts to Crow Creek will be modeled, or otherwise extrapolated or calculated. The results of this work will be submitted concurrently with the source removal proposal.

I sincerely appreciate your conscientious efforts to date to satisfy the requests from this office during the course of this project. Please call me at (510) 567-6783 should you have any questions or comments.

Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Ariu Levi, Chief, Environmental Protection
Chuck Headlee, RWQCB
Dianne Riggs, Walsh Property Management, P.O. Box 2657, Castro Valley, CA 94541
Tim Utterback, Weiss Associates, 5500 Shellmound St., Emeryville, CA 94608-2411

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0350

May 4, 1999

STID 670

Mr. Brett L. Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

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

RE: (Former) Chevron Service Station #9-5607, 5269 Crow Canyon Road, Castro Valley

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Hunter:

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: 5269 Crow Canyon Road, Castro Valley

May 4, 1999

Page 2 of 2

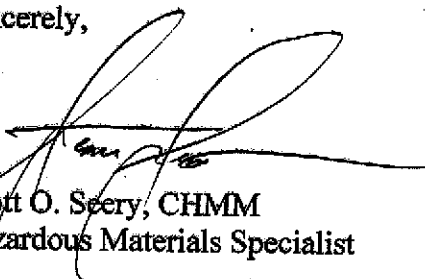
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 350

April 29, 1999

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

STID 670

Brett L. Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

RE: FORMER CHEVRON STATION #9-5607, 5269 CROW CANYON ROAD,
CASTRO VALLEY

Dear Mr. Hunter:

Thank you for our receipt of the February 5, 1999 Weiss Associates (WA) report documenting the July 1998 field work associated with the second round of the soil vapor survey (SVS) at the subject site. WA reports that, due to sampling irregularities, the data collected during the July 1998 event are considered invalid. It is also reported that an attempt will be made in May 1999 to repeat this effort.

Please contact me at (510) 567-6783 when you have scheduled the SVS fieldwork. Your consultant's frankness, incidentally, is greatly appreciated.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB
Tim Utterback, Weiss Associates, 5500 Shellmound St.
Emeryville, CA 94608-2411
Dianne Riggs, Walsh Property Management. P.O. Box 2657
Castro Valley, CA 94541

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0#350

January 19, 1998

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1101 Harry Bay Park, 2nd Fl.
Alameda, CA 94502-6100
TEL (510) 567-6700
FAX (510) 387-9335

STID 670

Brett L. Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

RE: FORMER CHEVRON STATION #9-5607, 5269 CROW CANYON ROAD,
CASTRO VALLEY

Dear Mr. Hunter:

This letter is sent to memorialize for the record that the pending phase of the soil vapor survey (SVS), sewer line vapor transport evaluation, and any supplemental human health risk determinations commensurate with this additional work have been postponed until the end of the rainy season.

Please notify this office when field work is finally scheduled to begin. I may be reached at (510) 567-6783.

Sincerely,


Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director
Dick Pantages, Chief, Environmental Protection
Stephen Hill, RWQCB
Tim Utterback, Weiss Associates, 5500 Shellmound St.
Emeryville, CA 94608-2411
Dianne Riggs, Walsh Property Management. P.O. Box 2657
Castro Valley, CA 94541

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 350

October 28, 1997

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

STID 670

Brett L. Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

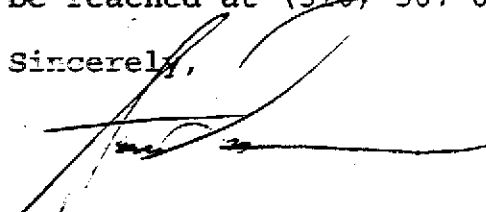
RE: FORMER CHEVRON STATION #9-5607, 5269 CROW CANYON ROAD,
CASTRO VALLEY - AMENDED SOIL VAPOR COLLECTION WORK PLAN

Dear Mr. Hunter:

Thank you for our recent receipt of the October 22, 1997 Weiss Associates (WA) addendum to their August 8, 1997 Soil Vapor Collection Work Plan. This addendum was submitted in response to a request from this office to evaluate the sanitary sewer line trench below Waterford Place for the presence of gasoline vapors.

The cited WA work plan, as amended, has been accepted. Please notify this office when field work is scheduled to begin. I may be reached at (510) 567-6783.

Sincerely,


Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director
Gordon Coleman, Chief, Environmental Protection
Kevin Graves, RWQCB
Tim Utterback, Weiss Associates, 5500 Shellmound St.
Emeryville, CA 94608-2411
Dianne Riggs, Walsh Property Management, P.O. Box 2657
Castro Valley, CA 94541

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO#350

September 22, 1997

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

STID 670

Brett L. Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

RE: FORMER CHEVRON STATION #9-5607, 5269 CROW CANYON ROAD,
CASTRO VALLEY

Dear Mr. Hunter:

I have reviewed the August 8, 1997 Weiss Associates (WA) documents entitled "Vapor Pathway Survey" and "Soil Vapor Sample Collection Work Plan" which address the ongoing assessment at the referenced site. The cited vapor pathway survey compared the locations and depths of utility conduits with that of underlying geology to determine whether a potential for vapor transport through such structures may contribute to the distribution of fuel vapors beneath the adjoining Forest Creek Townhome development. The soil vapor work plan proposes the locations of and sampling strategies for additional soil vapor survey (SVS) probes placed in an attempt to corroborate 1996 SVS data.

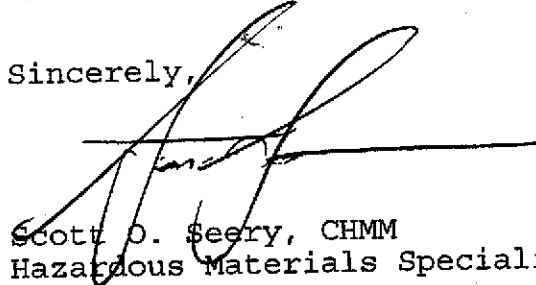
The vapor pathway survey revealed the potential for impacted ground water and vapor to be transported through the sanitary sewer trench near the north end of the site. Without further investigation of the sewer conduit, no firm conclusions may be drawn in the presence of current information regarding preferential vapor or ground water transport through this conduit.

The current SVS work plan needs to be modified to reflect the collection of a suitable number of vapor samples (e.g., 4 - 5) along a 250' stretch of the sanitary sewer trench running beneath Waterford Place. Sampling shall begin at the northern terminus of the sewer line near well C-12, and extend southward beyond well C-11.

Please submit a brief addendum to the current SVS work plan to reflect this additional sampling element, including a description of sampling methodology and a probe location map. I may be reached at (510) 567-6783 should you have any questions.

Mr. Brett Hunter
RE: 5269 Crow Canyon Rd., Castro Valley
September 22, 1997
Page 2 of 2

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director
Gordon Coleman, Chief, Environmental Protection
Kevin Graves, RWQCB
Tim Utterback, Weiss Associates, 5500 Shellmound St.
Emeryville, CA 94608-2411
Dianne Riggs, Walsh Property Management, P.O. Box 2657
Castro Valley, CA 94541

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

Ro#350

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

StId 670

June 3, 1996

Brett Hunter
Chevron U.S.A. Products Company
Site Assessment & Remediation Group
P.O. Box 5004
San Ramon CA 94583-0804

Subject: Former Chevron Station located at 5269 Crow Canyon Road, Castro Valley, CA

Dear Mr. Hunter:

This office has reviewed Weiss Associates' Sample Location Map, dated May 29, 1996, for the subject site. This map outlines the locations and types of samples and analyses proposed in Weiss Associates' work plan, dated April 1, 1996, and work plan addendum, dated May 14, 1996.

In addition to the comments noted in our letter to you dated May 30, 1996, please incorporate the following comments and/or additional requirements into the current scope of work:

1. Based on earlier conversations with Ravi Arulanantham of the San Francisco Bay Regional Water Quality Control Board and Weiss Associates, it is our understanding that the soil vapor depth profile samples should be collected in the study locations where the highest impact to groundwater is suspected. Groundwater gradient at the site is generally to the west, and monitoring well C-9 has historically exhibited the highest concentrations of petroleum hydrocarbons relative to other monitoring wells located downgradient of the site.

Therefore, the ideal locations for the soil vapor profile samples should include areas downgradient from monitoring well C-9 (e.g., sample locations SV-2, SV-3, SV-4, and SV-5).

2. Please include analysis for Methyl Tertiary Butyl Ether (MTBE) by EPA method 8020 for all soil and groundwater samples.

Please notify this office at least 72 hours before field work begins and contact Amy Leech at (510)567-6755 if you have questions.

Sincerely,

Amy Leech
Hazardous Materials Specialist

Scott Seery, CHMM
Senior Hazardous Materials Specialist

- c: Attn: Mike Cooke, Weiss Associates, 5500 Shellmound St., Emeryville, CA 94608-2411
Kevin Hinkley, 5269 Crow Canyon Rd., Castro Valley, CA 94552
Ed Laudani, Alameda County Fire Dept.
Kevin Graves, RWQCB
Ravi Arulanantham, RWQCB
Gordon Coleman-File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO#350

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

Std 670

May 30, 1996

Brett Hunter
Chevron U.S.A. Products Company
Site Assessment & Remediation Group
P.O. Box 5004
San Ramon CA 94583-0804

Subject: Former Chevron Station located at 5269 Crow Canyon Road, Castro Valley, CA

Dear Mr. Hunter:

This office has reviewed Weiss Associates' work plan, dated April 1, 1996, and work plan addendum, dated May 14, 1996, for the subject site. We understand that the information derived from the proposed soil gas survey and the collection of other site specific data will provide a means to more appropriately evaluate potential risks to human health and the environment at the subject site. The American Society for Testing and Materials (ASTM) Risk Based Corrective Action (RBCA) guidance document will be used as framework to complete these studies and to develop the final report.

Please also incorporate the following comments and/or additional requirements into the current scope of work as discussed in conference with Kevin Graves and Ravi Arulanantham of the San Francisco Bay Regional Water Quality Control Board:

1. Samples obtained to determine the fraction of organic carbon (foc) at the site should be collected in at least three locations and, in addition to the proposed sampling depth of 1-3 feet below ground surface, samples should also be collected within 10 feet above the groundwater table in each location.
2. Per my conversation with Mike Cooke of Weiss Associates on May 22, 1996, a revised site map for this investigation will be prepared and submitted to this office for review. The site map will include all proposed sample locations with an explanation of the type of sample(s) and analyses that are proposed for each sample location.

Please submit the revised site map to this office for review and comment *prior to commencing* field activities.

Please notify this office at least 72 hours before field work begins and contact Amy Leech at (510)567-6755 if you have questions.

Sincerely,

Amy Leech
Hazardous Materials Specialist

Scott Seery, CHMM
Senior Hazardous Materials Specialist

Hunter/Chevron

Re: 5269 Crow Canyon Rd.

May 30, 1996

Page 2 of 2

c: Attn: Mike Cooke, Weiss Associates, 5500 Shellmound St., Emeryville, CA 94608-2411
 Kevin Hinkley, 5269 Crow Canyon Rd., Castro Valley, CA 94552
 Ed Laudani, Alameda County Fire Dept.
 Kevin Graves, RWQCB
 Ravi Arulanantham, RWQCB
 Gordon Coleman-File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Ro#350

RAFAT A. SHAHID, DIRECTOR

Std 670

April 15, 1996

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

Brett Hunter
Chevron U.S.A. Products Company
Site Assessment & Remediation Group
P.O. Box 5004
San Ramon CA 94583-0804

Subject: Former Chevron Station located at 5269 Crow Canyon Road, Castro Valley, CA

Dear Mr. Hunter:

This office has reviewed the draft copy of a "fact sheet", dated March 28, 1996, which describes the current status of environmental impacts and investigations, as well as, plans for further field investigations and assessments in the vicinity of the subject site. Please refer to the attached document which incorporates our comments into the fact sheet. The San Francisco Bay Regional Water Quality Control Board has reviewed and concurs with Alameda County Department of Environmental Health's comments. We understand that Chevron intends to distribute a final version of the "fact sheet" to residents of the Forest Creek Townhomes to inform them of the past and future environmental activities pertaining to the site.

On April 8, 1996, we received Weiss Associates' work plan, dated April 1, 1996, which proposes to complete a Tier 1 and Tier 2 Risk-Based Corrective Action analysis for the subject site. We anticipate the review of this work plan will be complete on or before May 3, 1996.

Please contact Amy Leech at (510)567-6755 or Scott Seery at (510)567-6783 if you have questions.

Sincerely,

Amy Leech
Hazardous Materials Specialist

Scott Seery
Senior Hazardous Materials Specialist

ATTACHMENT

c: Kevin Graves, RWQCB
Ravi Arulanantham, RWQCB
Gordon Coleman-File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO#350

RAFAT A. SHAHID, DIRECTOR

StId 670
February 15, 1996

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

Brett Hunter
Chevron U.S.A. Products Company
Site Assessment & Remediation Group
P.O. Box 5004
San Ramon CA 94583-0804

Subject: Former Chevron Station located at 5269 Crow Canyon Road, Castro Valley, CA

Dear Mr. Hunter:

This letter is to confirm our telephone conversation February 14, 1996, regarding the receipt of your letter dated February 13, 1996, and the recommendations of Dr. Ravi Arulanantham, Staff Toxicologist, San Francisco Bay Regional Water Quality Control Board (RWQCB), recommendations in regard to soil gas investigations at the subject site.

The EPA analytical method for soil gas analysis of samples collected from an active soil gas survey is EPA TO14. Dr. Arulanantham indicated that it was important to use an experienced lab for this type of analysis. Per your request, see the attached list of laboratories which we are aware perform this type of analysis. From what I understand, however, there is no EPA approved methodology to assist in developing a soil gas investigative strategy. Therefore, the development of an investigative methodology should be completed by a qualified consultant who is experienced in developing soil gas investigations which will produce meaningful data for use in a risk assessment. As we discussed, the investigative methodology should be developed in close cooperation with Dr. Arulanantham and Mr. Kevin Graves with RWQCB and this office.

Please contact me at (510)567-6755 if you have any questions. I will be out of the office February 16 - February 23, 1996.

Sincerely,

Amy Leech
Hazardous Materials Specialist

Attachment

AS c: Ravi Arulanantham, RWQCB
Kevin Graves, RWQCB
Gordon Colman-File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0350

RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

StId 670

September 29, 1995

Brett Hunter
Chevron U.S.A. Products Company
Site Assessment & Remediation Group
P.O. Box 5004
San Ramon CA 94583-0804

Subject: Comments on the 9/26/95 meeting and continued investigations at the Former Chevron Station located at 5269 Crow Canyon Road, Castro Valley, CA

Dear Mr. Hunter:

Thank you for meeting with Scott Seery and me at our office on September 26, 1995 to discuss the subject site. We agreed during this meeting that because of the potential threat of exposure to elevated levels of contamination emanating from the site to sensitive receptors (i.e. residential properties and Crow Creek) located down gradient, this site is a *priority* in regard to determining the best remedial action to protect human health and water quality in the area. In regard to issues of concern that we discussed during our meeting, you committed to completing the following items and/or submitting reports to this office by the end of November 1995:

1. The groundwater extraction system, which has been shut-off since May 1995, will be restarted by the end of October. Groundwater from RW and C-9 will be sampled and analyzed *prior to* restarting the system in order to evaluate the ambient levels of contamination in the absence of a pumping influence.
2. Submit the next quarterly monitoring report. This report will include groundwater data from extraction wells RW and C-9 and isoconcentration maps for biodegradation parameters (i.e. dissolved oxygen, sulfate, nitrate, etc.), TPHg, and BTEX.
3. Complete an initial risk assessment using the ASTM *ES 38-94 Emergency Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites Tier 1 Risk-Based Screening Levels* using probable residential exposure pathways from groundwater. This initial risk assessment should use site-specific BTEX levels found in the vicinity of C-9 and C-12. The report of the risk assessment results will include a summary and recommendations section.
4. Based on the findings of the initial risk assessment, a due date will be proposed for the submittal of a remedial investigation/feasibility study for this site. We discussed that

Chevron/Hunter

Re: 5269 Crow Canyon Rd.

September 29, 1995

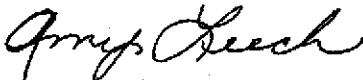
Page 2 of 2

in addition to (or to replace altogether) the existing groundwater extraction system, the feasibility of other remedial actions should be considered such as, soil vapor and groundwater extraction from within the UST pit, biostimulation, installation of containment structures along Waterford Place, or although not discussed during our meeting, vacuum enhanced pump and treat (dual-phase extraction).

5. Insure that all extraction and monitoring wells are secure from unauthorized entry. During an on-site visit today, we noticed that the Christy boxes were not secure and/or the casing locks were missing for extraction wells RW and C-9, as well as, monitoring wells C-6 and C-12.

We look forward to working with you towards better characterizing and determining the best corrective action at this site. Please contact me at (510)567-6755 if you have any questions or concerns.

Sincerely,



Amy Leech

Hazardous Materials Specialist

- c: Acting Chief of Environmental Protection - File(ALL)
Gil Jensen, Alameda County District Attorney's Office
Ravi Arulanantham, RWQCB
Kevin Graves, RWQCB
Jim Ferdinand, Alameda County Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0350

RAFAT A. SHAHID, DIRECTOR

Kevin L. Hinkley, Owner
5269 Crow Canyon Road
Castro Valley, CA 94552

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6100
August 21, 1995

STID 670

Subject: Five Year Operating Permit and List of Conditions for one Underground Storage Tank, Kevin L. Hinkley Auto Tech, 5269 Crow Canyon Road, Castro Valley 94552.

Dear Mr. Hinkley:

I am enclosing your new five year operating permit which expires on March 2, 2000. The following is a list of conditions which must be followed to maintain your permit to operate the underground storage tank system (UST) at the subject site. The system is a 1000 gallon, double wall fiberglass, waste oil tank with a vertical fill located directly above the tank. The interstitial tank monitor is connected to a Ronan x76s control box. The fill tube has a spill containment.

Compliance with the following conditions is a requirement of the five year permit to operate:

- 1- Continuous monitoring of the interstitial space of the tank. The monitor is to be attached to a visual and audible alarm. The present system is made by Ronan.
- 2- Maintain written records of all maintenance performed on the tank system.
- 3- All monitoring equipment must be serviced at least annually by a factory certified technician.
- 4- Monitoring equipment must be functioning whenever the tank is in use.
- 5- Complete employee training at least annually and document such training.
- 6- Report any unauthorized spills and releases to this office within 24 hours. Provide written reports of spills and releases within 5 working days.
- 7- Report changes in facility staff and/or monitoring equipment on Forms A & B within 30 days.
- 8- Fees related to the operation of the tanks are to be paid in a timely manner to this Department.

5269 Crow Canyon Road
Castro Valley 94552

STID 670

August 21, 1995

- 9- Display the five year operating permit in a conspicuous place on site.
- 10- Maintain financial responsibility certification with this Department and have copies of the documentation on the site.

THE FOLLOWING ARE REQUIRED UPGRADES BEFORE DECEMBER 23, 1998-

This system is fully upgraded to the 1999 standards. No additional upgrades are required.

If you have any questions regarding the operation of the tank system please contact me at (510) 567-6734.

Sincerely,



Don Atkinson-Adams
Senior Registered Environmental
Health Specialist #5485

enclosure

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

hinklper.895

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0350

RAFAT A. SHAHID, Assistant Agency Director

April 23, 1993

Mr. Kevin Hinkley
Kevin Hinkley Auto Tech
5269 Crow Canyon Rd.
Castro Valley CA 94546

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

**Re: Five Year Underground Storage Tank Permit
5269 Crow Canyon Rd., Castro Valley**

Dear Mr. Hinkley:

This letter is in regard to the inspection made previously at the above facility. This inspection was performed with regard to five year underground tank permit. Enclosed please find a five year permit to operate your tank(s). However, please be advised that Title 23, California Code of Regulations (CCR) requires the following:

- 1) The owner or operator shall comply with the reporting and recording requirements for unauthorized releases, specified in Article 5.
- 2) Written records of all monitoring and maintenance performed shall be maintained for a period of at least three years. These records must be made available upon request, within 36 hours, to a representative of this office.

Consult Title 23, CCR for additional requirements. To obtain a copy of the regulations, you can contact the State Water Resources Control Board at (916)-739-4436.

If you have any questions, please contact me at (510)-271-4320.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

cc: files

USTPERMT

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0350

RAFAT A. SHAHID, Assistant Agency Director

October 27, 1992

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

Mr. Kevin L. Hinkley
Kevin L. Hinkley Auto Tech
5269 Crow Canyon Road
Castro Valley, CA 94552

**Re: Requirements of Underground Storage Tank (UST) Regulations,
and Permit to Operate UST, Kevin L. Hinkley Auto Tech, 5269
Crow Canyon Road, Castro Valley, CA 94552**

Dear Mr. Hinkley:

This letter is in regard to the inspection made on October 26, 1992 at the above facility. As I stated, in order to bring your facility into compliance with Title 23 California Code of Regulations pertaining to underground storage tank(s) containing hazardous substances you must submit the following items:

- 1- If you have single wall tank(s), you must submit a **statement** indicating that your manual tank gauging variations for the last three months were within allowable limits (see Table 4.1 below). If the variations were more than the allowable limits, indicate the excessive amount(s), and the step(s) you have taken to determine the causes. If you have double-wall tank(s) equipped with monitoring probe(s) capable of detecting leaks into the annular space(s), this statement is not necessary. (for further explanation of manual tank gauging and annular space definition, see item 1 next page)
- 2- If you have single wall tank(s), you must submit the Copies of all tanks (and piping if applicable) **tightness test results** for this year. This test is not needed if your tank capacity is less than 551 gallons. If you have double-wall tank(s) equipped with monitoring probe(s) capable of detecting leaks into the annular space(s), submit the initial tank tightness test(s) only.
- 3- All items requested in the previous letter regarding five-year permit to operate your underground tank(s).

Items 1 through 3 above (if applicable) must be submitted to this office no later than 30 days.

Furthermore, please be advised that Title 23 of the California Code of Regulations (CCR) requires compliance for the following items:

Mr. Hinkley
 October 27, 1992
 Page 2 of 3

1) Manual Tank Gauging is done to test for leaks in underground tank(s) with capacity less than 2000 gallons. This method may be used as a monitoring alternative by operators of single walled tanks until December 22, 1998. Manual Gauging must occur, at a minimum, one time per each week. However, if your single wall tank capacity is between 551 to 2000 gallons, you must also perform a tank tightness test on an annual basis. To conduct Manual Tank Gauging of underground tank(s), complete the following:

- Take the tank out of service for at least 12 hours continuously (do not add or remove any amount during testing period).
- Measure the liquid level in the tank.
- After 36 hours has elapsed, Measure the liquid level in the tank again.
- If the difference between these two liquid level measurements exceeds the limits indicated in Table 4.1 below, you must check your calculations for errors, if none found, you must do the above test again. If the second test also exceeds the allowed limits indicated in Table 4.1, a tank tightness test must be performed within 72 hours to determine whether your tank is leaking. You must inform this agency in case of suspected tank failure.

{Table 4.1}

Tank Size	Allowed Weekly Variation	Allowed Monthly Variation
550 or Less	10 Gallons	Average 5 Gallons
551 to 1000	13 Gallons	Average 7 Gallons
1001 to 2000	26 Gallons	Average 13 Gallons

Please be advised that Manual Tank Gauging as the sole monitoring method is not allowed for tanks with secondary containments. Monitoring of double-wall tanks must be done by either installation of Level Sensor(s) inside the tank(s) to measure product inventory or by installation of Monitoring Probe(s) in the annular space(s) of your tank(s) to monitor any leakage. The annular space is the space inbetween the first and the second layer of tanks with secondary containments. Installation of monitoring probes in the annular space of double-wall tanks is recommended. It should be noted that, Manual Tank Gauging will not be allowed after December 22, 1998, Unless your underground tank capacity is 1000 gallons or less. [see section 2645 (a), (b), and (c)]

Mr. Hinkley
October 27, 1992
Page 3 of 3

- 2) **Written records of all monitoring and maintenance performed shall be kept for a period of at least three years. These records must be made available upon request, no later than 36 hours, to a representative of this office [see section 2712(b)].**
- 3) **The owner or operator of underground Storage tank(s) containing hazardous substances shall, by December 22, 1998, retrofit all underground tanks (and pipings if applicable) with secondary containments. [see section 2662, 2664]**
- 4) **The owner or operator of underground storage tank(s) containing hazardous substances shall equip all underground pressurized piping (if applicable) with automatic line leak detector(s). All pressurized piping and secondary containment must be tested after installation and annually thereafter. [see section 2664(c), (d)]**
- 5) **The owner or operator of all underground storage tank(s) containing hazardous substances shall provide Spill and overflow prevention equipment by December 22, 1998. However, if the spill prevention container is capable of catching any amount spilled, the overflow prevention equipment is not required [see section 2663].**

Contact this office Prior to any repair or upgrade of your underground tank(s) or piping. Consult Title 23, CCR for additional requirements. To obtain a copy of these regulations, contact the State Water Resources Control Board at (916)-739-4436.

If you have any questions in regard to the requirements and or items requested, please contact me at (510)-271-4320.

Sincerely,



Amir K. Gholami, REHS
Hazardous Materials Specialist

CC: Files

WOLREG01

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0350

RAFAT A. SHAHID, Assistant Agency Director

October 2, 1992

Kevin Hinkley
Kevin Hinkley Auto Tech.
5269 Crow Canyon Rd.
Castro Valley, Ca 94546

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

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE
TANK(S) [USTs] AT 5269 Crow Canyon Rd., Castro Valley**


This is in regard to a letter which was sent to you in the past. In that letter you were asked to submit to this office all pertinent information regarding your underground storage tank(s). This information is necessary for permitting of your tanks. To this date this office has not received any response from you. Please complete the following items and return them to me within 30 days:

1. Complete UST PERMIT FORM A-one per facility.
2. Complete UST PERMIT FORM B-one per tank.
3. Complete UST PERMIT FORM C-one per tank if information is available.
4. A written tank monitoring plan.
5. Results of precision tank test(s) (initial and annual).
6. Results of precision pipeline leak detector tests (initial and annual).
7. An accurate and complete plot plan.
8. A written spill response plan.
9. A copy of your inventory reconciliation statement for this year which indicates that all of your inventory reconciliation data are within "allowable variations" or which indicates a list of the periods of times and the corresponding variations when the allowable variation is exceeded. Allowable variation is 1% of the monthly deliveries plus 130 Gallons. Item 9 is necessary only if inventory reconciliation is used to monitor your tank(s).

Forms A, B, and C as well as examples of items 4, 7, and 8 indicated above were provided to you in the first letter.

Please be advised that Title 23 of the California Code of Regulation prohibits the operation of ANY UST without a permit. Please feel free to contact me at (510) 271-4320, if you have any questions regarding the mandatory five-year permit process.

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney
Ed Howell-files

5YRNOV1

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0350

RAFAT A. SHAHID, Assistant Agency Director

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

April 17, 1992

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

RE: FORMER CHEVRON STATION #9-5607, 5269 CROW CANYON ROAD, CASTRO VALLEY, ALAMEDA COUNTY

Dear Mr. Rogers:

Following review of the remediation case file for the referenced site and consultation with staff of the San Francisco Bay Regional Water Quality Control Board (RWQCB), this case has been referred to RWQCB to consider for possible enforcement action.

You may contact Mr. Rich Heitt of the RWQCB at 510/464-1255 should you have any questions regarding this action.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Gil Jansen, Alameda County District Attorney's Office
Rich Heitt, RWQCB
Howard Hatayama, DHS
Bob Bohman, Castro Valley Fire Department
file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(415) 271-4300

⑤

January 9, 1992

Chevron USA
Mr. Gordon Black
2410 Camino Ramon
Room L1449
San Ramon, CA 94583

Dear Mr. Black:

You requested information regarding the permit status for five sites in Alameda County for the operation of underground storage tanks (UST). We discussed the sites' status today over the telephone and this letter will serve to confirm that information.

- (R0439) 1. 5280 Hopyard, Pleasanton 94566---The City of Pleasanton administers the UST Program in that city. No files currently exist for that location in this office. Contact the City of Pleasanton for more information.
- (R0206) 2. 7007 San Ramon Valley Blvd., Dublin 94568---An interim permit was issued September 10, 1991. The final permit for this site is pending and is expected to be issued within the next ten days.
- (R0350) 3. 5269 Crow Canyon Road, Castro Valley 94552---This site is no longer owned or operated by Chevron. However, on March 2, 1988 Chevron was issued an interim permit. The permit was valid for six months. A final permit was not issued.
- (R01030) 4. 997 Grant Avenue, San Lorenzo 94580---This site is closed and currently undergoing remediation. No permits were issued for the operation of the UST.
- (R0335) 5. 2340 Otis Drive, Alameda 94501---The final permit for this site is pending and is expected to be issued within the next ten days.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0350

Certified Mailer # P 367 604 313

April 26, 1991

Mr. Clint Rogers Chevron U.S.A. Inc.
2410 Camino Ramon
P.O. Box 5004
San Ramon, CA 94583-0804

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

RE: CHEVRON STATION #9-5607, 5269 CROW CANYON ROAD, CASTRO VALLEY

Dear Mr. Rogers:

This Department is in receipt of the March 7, 1991 Alton Geoscience quarterly monitoring report, as submitted under Chevron cover dated April 16, 1991. This report has not been reviewed in detail due to the backlog of such reports. However, following a cursory review of this report, planned actions presented by Chevron regarding the reduction of sampling frequency at this site is cause for concern, both in this Department and the RWQCB. This is particularly true when the April 16 cover indicates that the consultant, Alton Geoscience, has reportedly been instructed by Chevron to implement the sampling frequency changes, without benefit of concurrence by either oversight agency.

Your attention is directed to the October 1989 State Water Resources Control Board LUFT Field Manual (Section II, Part E-12) and the August 10, 1990 San Francisco Bay RWQCB TriRegional Recommendations (Ground Water Monitoring Requirements) which pertain to the establishment of an appropriate monitoring schedule. The cited documents indicate that monitoring well sampling frequencies must be established with Regional Board staff concurrence.

At this time, you are well advised to continue with the present sampling and reporting frequency until otherwise notified.

Should you have any questions regarding the content of this letter, please contact me at 415/271-4320.

Sincerely,

Scott O. Seery, CHMM
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
Lester Feldman, RWQCB
Howard Hatayama, DHS
Bob Bohman, Castro Valley Fire Department
Kevin Hinkley
Stephen Rosen, Alton Geoscience

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

R0350

Certified Mailer # P 367 604 368

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

April 24, 1991

Ms. Cynthia Wong
Chevron U.S.A. Inc.
2410 Camino Ramon
P.O. Box 5004
San Ramon, CA 94583-0804

RE: DEPOSIT/REFUND ACCOUNTS

Dear Ms. Wong:

This letter follows our telephone conversation this morning regarding the deposit/refund accounts for projects in Castro Valley which are presently in arrears, as they have been for several months. The monetary status of two of these projects was brought to Chevron's attention in November 1990 by way of correspondence requesting the remittance of additional funds to augment those already depleted. The initial notification was followed by a reminder phone call approximately 2 months later when the requested funds had not yet been remitted. To date, no additional funds have been received by this Department.

The following is a list of those sites for which additional funds are required:

<u>SITE</u>	<u>PROJECT</u>	<u>REQUESTED DEPOSIT</u>
3005 Castro Valley Blvd.	Station upgrades	\$375
(R0350) 5269 Crow Canyon Rd.	UST closures	120
(R0475) 2920 Castro Valley Blvd.	UST closures and station upgrades	121.50*

* Denotes site where remittance of the noted balance will close this account

Once the requested funds are received, each project will be evaluated for closure, except where otherwise indicated. Any balances remaining after final hourly computation will be refunded.

We will expect remittance of the noted funds within 5 working days, or by May 1, 1991. Please remit 3 separate checks, one for each of the three accounts, referencing the type of project involved.

Ms. Cynthia Wong
RE: Deposit/refund accounts, Castro Valley
April 24, 1991
Page 2 of 2

Please call me at 415/271-4320 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
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
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0350

Certified Mailer # P 062 127 963

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

February 15, 1991

Mr. Clint Rogers
Chevron U.S.A. Inc.
2410 Camino Ramon
P.O. Box 5004
San Ramon, CA 94583-0804

RE: FORMER CHEVRON STATION #9-5607, 5269 CROW CANYON BOULEVARD,
CASTRO VALLEY, ALAMEDA COUNTY

Dear Mr. Rogers:

This letter shall serve to summarize our telephone conversation February 14, 1991, as well as to present a discussion relevant to the history of and planned future actions at the referenced Castro Valley site. As you may recall, this conversation followed in the wake of a February 14 meeting between representatives of this Department, RWQCB and Ms. Nancy Vukelich of Chevron. Several "free product" cases were discussed, including the referenced site.

As I explained to Ms. Vukelich during the February 14 meeting, this Department only recently became aware that RWQCB staff were not directing the work at the Crow Canyon Road site. We now understand that Chevron was operating under "self monitoring" status at this site, as they had since contamination was first discovered in several of 8 wells installed on or about this site during early 1985.

The present recovery well and treatment system was implemented following the discovery of 4.3 feet of free product in well C-3. A ninth well, C-9, was completed a year later (July 1986), approximately 100-feet downgradient of the site and within the adjoining housing tract. Our data indicates that for the first 4.5 years since discovery of a release at this site, no samples were collected from any of the wells to analyze for dissolved fuel constituents; only subjective monitoring for the presence of free product was performed. This action continued through August 1989 in spite of a recommendation made during the fall of 1985 by Groundwater Technology, Inc. (GTI), Chevron's consultant for this site during the first two years of the investigation, that well C-9 be monitored monthly for the presence of dissolved constituents.

Mr. Clint Rogers
RE: Chevron Station #9-5607
February 15, 1991
Page 2 of 3

Once chemical data became available beginning September 1989 for the ten original wells (9 monitoring; 1 recovery), it became evident that the plume had substantially migrated off-site. The analyses of samples collected from eight (8) additional wells installed both up- and downgradient during the first quarter of 1990 have further substantiated this fact as nearly all of these well, the exceptions being wells C-10B, -14, and -16, have shown detectable concentrations of dissolved phase fuel constituents at some time during the first three quarters of 1990. Several of those wells installed during 1990 which show detectable concentrations of fuel constituents are at a distance from the site of approximately 275 feet (e.g., C-10, -11, and -15). Further, chemical data available up to and including the September 1990 sampling event clearly indicate that the current treatment system has been ineffective at either successfully capturing the plume or significantly reducing the concentrations of fuel constituents found in even those wells most proximal to the recovery well. The plume is continuing to migrate away from the site.

As we discussed, calculations based upon the original pump tests performed by GTI during 1985, as presented in an undated GTI report during the fall or winter of that same year, identified the extent of the theoretical capture zone of the aquifer underlying this site. The theoretical capture zone radius at a pumping rate of 1 gallon per minute (gpm) extended approximately 18.5 feet from the recovery well, or about as far as the distance from the recovery well to monitoring well C-4. Based on GTI's calculations, a pumping rate of approximately 4 gpm was required to effectively capture ground water as far as well C-9. Currently, we understand the pumping rate to be only 0.04 gpm. We do not know how long the system has been operating at this marginal rate, nor what the pumping rate has been in the past. However, as stated previously, the data clearly shows that this system has had little if any effect in reducing dissolved concentrations of fuel constituents on- or off-site.

Ms. Vukelich indicated that Chevron currently has plans to install additional wells and an additional (?) extraction system. During our phone conversation you indicated that it may take several weeks before you are sufficiently up-to-date with this site to formally propose to this Department and the RWQCB the additional wells and extraction system. At this time you are requested to submit a tentative schedule for the submittal of your formal proposal for the additional work at the site. We request that this schedule be submitted within 15 days, or by March 3, 1991. Please be advised that this Department and the RWQCB are very concerned about the lack of any significant progress at this site during the last 6 years, and will be expecting to see a very aggressive approach by Chevron in solving the problems in the future.

Mr. Clint Rogers
RE: Chevron Station #9-5607
February 15, 1991
Page 3 of 3

We understand that the product which was released from the site was leaded regular. This Department has no information supporting that water samples have been screened for the presence of organolead. Therefore, please be advised that future sampling events must include analyses for this compound to determine whether organolead is present and should be of concern. As organolead is extremely volatile, sampling protocol must reflect this fact. Further, this Department is of the opinion that sampling of wells C-4 and -8 should continue on a quarterly basis, at a minimum, until further notice. We feel that the data provided by the sampling of these two wells will continue help gauge the effectiveness of the revamped extraction system. We do agree, however, that the information provided by well C-2 to be redundant to that information provided by C-1. Therefore, well C-2 may be sampled on a yearly basis as proposed.

As we further discussed, for this Department to begin oversight of this case, you are requested to remit a deposit totalling \$1074. The deposit, authorized by Section 3-141.6 of the Alameda County Ordinance Code, is placed into an account from which funds are drawn at the current rate of \$67 per hour, deferring costs incurred by the county in oversight of this project. Funds remaining in the account at the close of the project will be promptly refunded. Conversely, should these funds be depleted before completion of the project, additional funds will be requested. This deposit is due with the submittal of your tentative work schedule, or by March 3, 1991.

I look favorably to working with you in the future. Please contact me at 415/271-4320 should you have any questions.

Sincerely,



Scott O. Seery
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
Lester Feldman, RWQCB
Howard Hatayama, DHS
Bob Bohman, Castro Valley Fire Department
Kevin Hinkley
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



✓ R0350 (5269 Crow Canyon)
R0275 (2416 Grove Way)

February 14, 1991

Ms. Nancy Vukelich
Chevron U.S.A. Inc.
2410 Camino Ramon
P.O. Box 5004
San Ramon, CA 94583-0804

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

RE: FORMER CHEVRON STATIONS #9-2960 AND #9-5607, 2416 GROVE WAY AND
5269 CROW CANYON ROAD, CASTRO VALLEY, ALAMEDA COUNTY

Dear Ms. Vukelich:

Thank you for taking the time this morning to meet with representatives of this Department and the RWQCB to discuss the status of several "free product" cases throughout Alameda County. Of the sites discussed this morning, the two Castro Valley sites referenced above are within my district, as are all facilities within the Castro Valley area. I understand that you will continue to be the Chevron contact for station #9-2960, and Mr. Clint Rogers will be handling station #9-5607.

I have already contacted Mr. Rogers by phone this afternoon and briefly discussed the Crow Canyon Road site with him. Mr. Rogers informed me that he is currently aware of the problems associated with the present pump and treat system at the site, but that it will likely take several weeks before he is adequately up-to-date with the site and any plans for future well installations and treatment systems. I will be addressing a separate letter to him requesting a tentative schedule for the submittal of a proposal for the new wells and treatment system, as well as for the submittal of a deposit to cover county costs for oversight of the project.

From our discussions this morning I understand that your consultant is currently in the process of designing a dedicated remediation system for the Grove Way site. I further understand that you expect to receive a proposal for this system from the consultant in the next several weeks. Please forward copies of this remediation proposal to the RWQCB and this Department for review before the system's implementation.

I look forward to working with you in the future. Please feel free to contact me at 415/271-4320 with any questions or comments you may have.

Sincerely,



Scott O. Seery
Hazardous Materials Specialist

Ms. Nancy Vukelich

RE: 2416 Grove Way, 5269 Crow Canyon Road

February 14, 1991

Page 2 of 2

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Division
Gil Jensen, Alameda County District Attorney's Office
Lester Feldman, RWQCB
Howard Hatayama, DHS
Bob Bohman, Castro Valley Fire Department
Clint Rogers, Chevron
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0350

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

November 26, 1990

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

Dear Ms. Wong:

Our records indicate that your project has depleted your deposit submitted to Alameda County Hazardous Materials Division for the site located at 5269 Crow Canyon Rd., Castro Valley Ca. (Chevron Station). Prior to any further activity at this site, an additional deposit must be received by this office in the amount of \$120.00.

If you have any questions, please contact Scott Seery at (415) 271-4320.

Sincerely,

A handwritten signature in black ink, appearing to read 'Edgar B. Howell III', with a long horizontal flourish extending to the right.

Edgar B. Howell III, Chief
Hazardous Materials Division

EH:lp

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0350

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

November 26, 1990

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

Dear Ms. Wong:

Our records indicate that your project has depleted your deposit submitted to Alameda County Hazardous Materials Division for the site located at 5269 Crow Canyon Rd., Castro Valley Ca. (Chevron Station). Prior to any further activity at this site, an additional deposit must be received by this office in the amount of \$120.00.

If you have any questions, please contact Scott Seery at (415) 271-4320.

Sincerely,

Edgar B. Howell III, Chief
Hazardous Materials Division

EH:lp

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0350

September 19, 1990

Kevin Hinkley
Kevin L. Hinkley Chevron
5269 Crow Canyon Rd.
Castro Valley, CA 94552

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

Re: Waste Minimization Assessment

Dear Kevin Hinkley:

Your business has been selected to receive a hazardous waste minimization assessment. As you are probably aware, hazardous waste reduction has become a statewide, if not a national, issue. To address this issue at a county level, Alameda County is establishing its own Hazardous Waste Minimization Program and is planning to conduct waste minimization assessments for all hazardous waste generating facilities in the County.

We have chosen businesses in the auto repair industry to receive the first round of waste minimization assessments. It is our hope that these assessments will assist participating businesses in minimizing their hazardous wastes - and will give us further information on the best way to structure our minimization program.

One of our Hazardous Materials Specialists will be contacting you during the week of September 24 to arrange a meeting with you for an assessment of your business. During this meeting and assessment, the Specialist will work with you in examining your business's hazardous waste generating practices. The Specialist will then provide you with materials on waste reduction technology and assist you in setting up appropriate hazardous waste minimization practices.

We look forward to working with you in reducing the amount of hazardous waste your business generates. Of course, your comments and suggestions are encouraged; we need your input in order to best serve you! Please direct any comments and questions to Katherine Chesick at 415/271-4320.

Sincerely,

Edgar B. Howell, Chief,
Alameda County Hazardous Materials Division

EBH:kac

cc: Fire Department
Files