

C A M B R I A

February 25, 2005

Mr. Barney Chan  
ACHSA  
1131 Harbor Bay Pkwy.  
Oakland, CA 94502-6577

RE: 451 Hegenberger Rd, Oakland  
ACHSCA RO#: ~~0000464~~

Dear Mr. Chan:



This letter is to inform you of a change in management for the above-referenced site.

Effective immediately, the new ChevronTexaco project manager will be:

Mr. Mark Inglis  
ChevronTexaco  
6001 Bollinger Canyon Rd., K-2256  
San Ramon, CA 94583  
Phone: 925-842-1589

Please contact either Mr. Mark Inglis or Cambria if you have any questions.

Regards,

Cambria Environmental Technology, Inc.

cc: Mark Inglis, Chevron Texaco

**Cambria  
Environmental  
Technology, Inc.**

5900 Hollis Street  
Suite A  
Emeryville, CA 94608  
Tel (510) 420-0700  
Site #: 91851  
Fax (510) 420-9170

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

August 4, 2000  
StID # 541

Mr. Tom Bauhs  
Chevron USA Products Co.  
P.O. Box 6004  
San Ramon, CA 94583

**Re: Chevron Facility No. 9-1851, 451 Hegenberger Rd., Oakland CA 94621**

Dear Mr. Bauhs:

Our office has received and reviewed the Interim Corrective Action Plan (ICAP) for the above site as prepared by Delta Environmental Consultants. This report responds to my February 10, 2000 and also, necessarily, to my August 25, 1999 letter. These letters brought out questions regarding the results of the 1999 waste oil tank removal, the sampling beneath dispensers and historical presence of elevated levels of MTBE at the site.

The ICAP proposes the installation of three additional on-site monitoring wells and the intermittent purging of MW-4 and the two proposed down-gradient wells. Please consider my following observations:

- Please look at the historic gradient. Shouldn't one of the monitoring wells be located down-gradient of the highest impacted well, MW-4?
- If groundwater removal from wells will play a significant part in source removal and remediation, shouldn't you consider installing a larger diameter well?
- Once groundwater purging is started, please include an estimate of the amount of TPH compounds being removed during each quarter and cumulatively. Your purge schedule should optimize source removal.
- Is there a way to test whether the tank pit is a petroleum release source? Are there any tank back-fill wells?

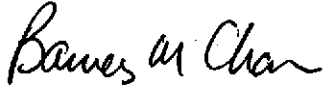
The following observations refer to the my August 25, 1999 letter:

- Please incorporate the analysis for semi-volatiles, TEPH and the metals; cadmium, chromium, lead, nickel and zinc in your next monitoring event for MW-2 because these waste oil analytes have not yet been run.
- Please confirm your MTBE results using EPA Method 8260.
- Please determine why and prevent the reporting of elevated detection limits for the fuel oxygenates other than MTBE.

Please respond to these comments prior to implementing your ICAP. You may contact me at (510) 567-6765 if you have any questions.

Mr. Tom Bauhs  
Chevron Station #9-1851  
541 Hegenberger Rd.,  
StID # 541  
August 4, 2000  
Page 2.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

C. B. Chan, files

Mr. S. Meeks, Delta Environmental, 3164 Gold Camp Dr., Suite 200, Rancho Cordova,  
CA, 95760-6021

ICAP45IHeg



# State Water Resources Control Board



## Division of Clean Water Programs

PROTECTION

2014 T Street • Sacramento, California 95814 • (916) 227-4366  
Mailing Address: P.O. Box 944212 • Sacramento, California • 94421-0000  
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf>

Winston H. Hickox  
Secretary for  
Environmental  
Protection

Gray Davis  
Governor

6044 Bldg - 8 PH 4: 00

June 7, 2000

Bob Cochran  
Chevron U.S.A. Products Co.  
P O Box 6004 Bldg L  
San Ramon, CA 94583-0904

PO 464

#54  
BE

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF ELIGIBILITY DETERMINATION: CLAIM NUMBER 015501; FOR SITE ADDRESS: 451 HEGENBERGER RD, OAKLAND

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

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

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

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

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

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

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

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

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

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

Sincerely,

## ORIGINAL SIGNED BY

Shari Knieriem  
Claims Review Unit  
Underground Storage Tank Cleanup Fund

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

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



**GETTLER-RYAN INC.**

ENVIRONMENTAL  
PROTECTION

00 APR 28 PM 3:39

*Rv 464*

April 25, 2000

Mr. Barney Chan  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

**Subject: Chevron Station #9-1851, 451 Hegenburger Road, Oakland, CA**

Mr. Chan:

We have prepared this letter at the request of Chevron Products Company in response to your letter of February 10, 2000. Chevron has recently re-assigned oversight of this site within their Site Remediation and Assessment group. The new Project Manager is Mr. Tom Bauhs (925.842.8898). In addition, Chevron is also redistributing site assignments among its consultants; the consultant for this site may change. Because of these changes, on behalf of Chevron we request an extension until July 31, 2000, to review the files and submit a work plan.

Please call us at 916.631.1300 if you have questions.

Sincerely,  
Gettler-Ryan Inc.

Stephen J. Carter, R.G.  
Senior Geologist

345145.03

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

February 10, 2000  
StID # 541

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

**Re: Chevron Service Station #9-1851, 451 Hegenberger Rd., Oakland CA 94621**

Dear Mr. Hunter:

It appears that the items noted in my August 25, 1999 letter to Mr. Phil Briggs have not yet been addressed by Chevron. I have enclosed a copy of this letter for your reference. **Please respond to these items in writing within 45 days or no later than March 28, 2000.**

Upon review of the recent 4<sup>th</sup> Quarter 1999 monitoring report, it appears that conditions remain consistent with previous results. A site-wide MTBE problem exists, with exceedingly high concentrations being found in MW-4. Although the Regional Water Quality Control Board has not issued their recommendations as yet, it is believed that theirs will be similar to that of the SWRCB. Nevertheless, it is safe to assume that site characterization will be required and that high concentrations of MTBE will require remediation. Therefore, our office requests the installation of additional well(s) to delineate the extent of the MTBE plume. As you may be aware, a May 1998 utility investigation did not identify any utilities acting as preferential pathways. Your off-site wells can be used to distinguish MTBE releases from the multiple sources existing in this area. Our office also requests the initiating remediation to treat the source(s) of MTBE. This should include an evaluation of viable remedial alternatives based upon cost and effectiveness. **Please include your work plan and remediation proposal along with the above requested items.**

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

Enclosure

C: B. Chan, files

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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



August 25, 1999  
StID # 541

ENVIRONMENTAL HEALTH SERVICES

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

Mr. Phil Briggs *Brett Hunter (510-842-8895)*  
Chevron Products Co.  
6001 Bollinger Canyon Rd.  
Building L, Room 1080  
P.O. Box 6004  
San Ramon, CA 94583-0904

**Re: Chevron Service Station #9-1851, 451 Hegenberger Rd., Oakland CA 94621**

Dear Mr. Briggs:

Our office has reviewed the December 23, 1998 Geo-logic report of soil sampling from below the former waste oil tank and fuel dispensers and the recent First Quarter 1999 monitoring report for the above site. Our office has the following observations and comments:

- Please submit a copy of the underground tank closure report for the aforementioned waste oil tank removal.
- In the Geo-logic report free product was noted to appear on the groundwater within the waste oil tank, however, a groundwater sample was never collected. Why wasn't a sample taken for chemical analysis? In addition, it appears that the soil sample collected from the waste oil tank pit was never analyzed for semi-volatile organic compounds. To account for this oversight, please include the analysis for semi-volatiles, total extractable petroleum hydrocarbons and the metals; cadmium, chromium, lead, nickel and zinc in your next sampling event for MW-2. This is in addition to TPHg, BTEX and MTBE already being analyzed.
- The samples collected from beneath the dispensers reported elevated TPHg and BTEX. Was there any attempt to over-excavate these areas and re-sample? What is the impact of this soil contamination to groundwater?
- Please include the MTBE concentration reported by EPA Method 8260 in all future monitoring reports. This value is more accurate than that reported by EPA 8020. What is being considered for the elevated MTBE concentration in groundwater?

Please provide a written response to this letter **within 30 days or by September 27, 1999.**

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files  
451HegRd?



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



August 25, 1999  
StID # 541

Mr. Phil Briggs  
Chevron Products Co.  
6001 Bollinger Canyon Rd.  
Building L, Room 1080  
P.O. Box 6004  
San Ramon, CA 94583-0904

ENVIRONMENTAL HEALTH SERVICES

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

Re: Chevron Service Station #9-1851, 451 Hegenberger Rd., Oakland CA 94621

Dear Mr. Briggs:

Our office has reviewed the December 23, 1998 Geo-logic report of soil sampling from below the former waste oil tank and fuel dispensers and the recent First Quarter 1999 monitoring report for the above site. Our office has the following observations and comments:

- Please submit a copy of the underground tank closure report for the aforementioned waste oil tank removal.
- In the Geo-logic report free product was noted to appear on the groundwater within the waste oil tank, however, a groundwater sample was never collected. Why wasn't a sample taken for chemical analysis? In addition, it appears that the soil sample collected from the waste oil tank pit was never analyzed for semi-volatile organic compounds. To account for this oversight, please include the analysis for semi-volatiles, total extractable petroleum hydrocarbons and the metals; cadmium, chromium, lead, nickel and zinc in your next sampling event for MW-2. This is in addition to TPHg, BTEX and MTBE already being analyzed.
- The samples collected from beneath the dispensers reported elevated TPHg and BTEX. Was there any attempt to over-excavate these areas and re-sample? What is the impact of this soil contamination to groundwater?
- Please include the MTBE concentration reported by EPA Method 8260 in all future monitoring reports. This value is more accurate than that reported by EPA 8020. What is being considered for the elevated MTBE concentration in groundwater?

Please provide a written response to this letter within 30 days or by September 27, 1999.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files  
451HegRd?

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ST10 541

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

April 10, 1998

Mr. Philip Briggs  
Chevron Products Co.  
6001 Bollinger Canyon Rd., Bid L  
San Ramon, CA 94583

**Re: Chevron Service Station #9-1851, 451 Hegenberger Rd., Oakland CA 94621**

Dear Mr. Briggs:

As requested in your recent quarterly groundwater monitoring reports for the above site, our office approves the discontinuance for the sampling of volatile organics in MW-2 at the site with the exception of BTEX and MTBE. Please be aware that new requirements for the analysis of fuel oxygenates and other fuel additives are being developed by the RWQCB and this approval may be changed based upon new upcoming requirements. You are also reminded that MTBE is most accurately quantified by Method 8260 and therefore you may want to confirm MTBE concentrations by this method intermittently.

Our office looks forward to receiving the results of the planned subsurface investigation regarding potential preferential pathways.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files

Chmon451

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



December 30, 1997  
StID # 541

Mr. Philip Briggs  
Chevron Products Co.  
6001 Bollinger Canyon Rd., Bld L  
San Ramon, CA 94583

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

**RE: Chevron Service Station #9-1851, 451 Hegenberger Rd., Oakland  
94621, Workplan for Groundwater Investigation**

Dear Mr. Briggs:

Our office has received and reviewed the November 10, 1997 Pacific Environmental Group (PEG) workplan for groundwater investigation along the water line trenches downgradient to the above referenced site. This workplan responds to my prior October 8, 1997 letter following my review of PEG's September 30, 1997 report. Basically, there's a question as to where the onsite MtBE plume is migrating. Fairly elevated levels of MtBE exist onsite, yet are not being detected downgradient in the wells at the Unocal station at 449 Hegenberger Road.

The workplan proposes advancing five hand driven probes with retractable screen section along the water line in Edgewater and Hegenberger Roads. It is anticipated that groundwater will be encountered at 3-5' bgs. This workplan is approved with the following additional requirement:

\* Please analyze the water samples for TPHg and BTEX in addition to MTBE and request that the laboratory obtain the typical detection limits for these analytes ie 50 ppb for TPHg and 0.5 ppb for BTEX. Any detectable MtBE should be confirmed using EPA Method 8260, if not run initially by this method.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: B. Chan, files  
Mr. R. Tinline, PEG, Inc., 2025 Gateway Place, Suite 440, San  
Jose, CA 95110

gpap451

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



October 8, 1997  
StID # 541

Mr. Philip Briggs  
Chevron Products Co.  
6001 Bollinger Canyon Rd., Bld L  
San Ramon, CA 94583

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

**RE: Chevron Service Station #9-1851, 451 Hegenberger Rd., Oakland  
94621**

Dear Mr. Briggs:

Thank you for the submittal of the Pacific Environmental Group (PEG) September 30, 1997 report, **Site Evaluation for Potential MtBE Impacts**. I have reviewed this report and I agree with your consultant's recommendation for "further investigation to determine the extent of MtBE in groundwater and to evaluate whether the water line trenches are acting as preferential pathways for the migration of MtBE."

This report identified the one site which could be impacted or contribute to a commingled plume, the Unocal station at 449 Hegenberger Rd. I have reviewed the monitoring results for this site, in particular, MW-9, the well most likely to be impacted by a release from the Chevron site. Its location is shown on Figure 4 of the PEG report. Interestingly, MW-9, has not detected elevated levels of MtBE which might be expected with the high concentrations detected in Chevron's well, MW-4. This leads to the belief that there may be a preferential pathway intercepting groundwater from the Chevron site.

Please provide **within 30 days or by November 10, 1997**, a work plan to followup on your consultant's recommendation. This might include temporary or permanent borings/wells along the utility lines.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: B. Chan, files

Mr. R. Tinline, PEG, Inc., 2025 Gateway Place, Suite 440, San  
Jose, CA 95110

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**Chevron**

October 2, 1997

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

# 541

**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: Chevron Service Station #9-1851  
451 Hegenberger Road  
Oakland, California**

Dear Mr. Chan:

Enclosed is the Site Evaluation for Potential MtBE Impacts report that was prepared by our consultant Pacific Environmental Group Inc., for the above noted site. This report notes the results of an evaluation of the potential impacts of the MtBE constituent in the groundwater at the site, and is in response to your letter of May 1, 1997 and your letter of June 9, 1997 approving the Work Plan for said evaluation.

The scope of the work was to evaluate the possibility of commingled plumes, preferential migration pathways and identify possible receptors.

The review of the ACHCS files listed seven sites which reported fuel leaks and are located near the site. Only one of the seven sites could be a potential commingled plume contributor, the Unocal service station located downgradient and across the street from the site on Edgewater Drive.

A utility survey was performed with a review of existing underground utility maps. The depth of the storm drains and sewer lines that are located on Edgewater Drive and Hegenberger Road are installed below the maximum extent of the groundwater fluctuation and would not act as preferential migration pathways for MtBE. The actual depth of the water lines on Edgewater and Hegenberger are not known and these lines could act as preferential pathways for MtBE migration.

A sensitive receptor survey was performed to identify existing receptors downgradient of the site and the San Leandro Creek channel was identified. This channel is located approximately 1,700 feet west of the site and empties into San Leandro Bay, an estuary approximately 4,000 feet northwest of the site.

Additional investigation may be needed to evaluate whether the water lines are acting as preferential pathways for the migration of MtBE.

If you have any questions, I can be contacted at (510) 842-9136.

Sincerely,  
**CHEVRON PRODUCTS COMPANY**

Philip R. Briggs  
Site Assessment and Remediation Project Manager

October 2, 1997  
Mr. Barney Chan  
Chevron Service Station # 9-1851  
Page 2

Enclosure

cc. Bill Scudder, Chevron

Mr. Ben Shimek  
451 Hegenberger Road  
Oakland, CA 94621



**Chevron**

August 22, 1997

# 541

Mr. Barney Chan  
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: Chevron Service Station #9-1851  
451 Hegenberger Road  
Oakland, California**

Dear Mr. Chan:

I appreciate the time that you gave me yesterday to discuss the present ground water monitoring program and proposed future actions for the above noted site.

Chevron proposed the reduction in sampling frequency at this site. Because of the continued impact of dissolved hydrocarbons in the ground water you requested that Chevron continue to monitor quarterly.

You expressed a concern that the detection limits for the TPH-g and BTEX constituents need to be specified to the lab. To get the MtBE results from sampling monitoring well MW-4, the sample had to be diluted 50 times and this raised the detection limits for TPH-g and BTEX to 2500 ppb and 25 ppb respectively. I have advised Blaine Tech Services, Inc. that when they send the next sample into the lab that detection limits are to be achieved for all constituents.

I also noted that the Site Evaluation for MtBE Impact report is being finalized and should be submitted within the next ten days.

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



ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

June 9, 1997  
StID # 541

Mr. Phil Briggs  
Chevron Products Co.  
P.O. Box 5004  
San Ramon, CA 94583

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

**Re: Work Plan for 451 Hegenberger Rd., Oakland CA 94621**

Dear Mr. Briggs:

Our office has received and reviewed the June 2, 1997 Pacific Environmental Group work plan to determine the potential impacts of the MTBE plume at the above site. This is in response to my May 1, 1997 letter which points out the high levels of MTBE detected in MW-4 and its potential for offsite migration.

This work plan calls for;

1. A file review at the County's office. Please be aware that the RWQCB no longer keeps UST site files. The Unocal site at 449 Hegenberger Rd. is the closest LOP site. It currently has not identified a MTBE problem.
2. A 1/2 mile radius well survey.
3. A utility survey.
4. A sensitive receptor survey and a final report with findings and recommendations. These actions are approved.

Please also perform an inventory check of the site to confirm that no prior or existing release has or is occurring. Please keep in mind that current groundwater cleanup levels in California for MTBE range from 100-700 ppb. As long as the levels at this site exceed these levels, you will be required to delineate the plume with either sampling or monitoring.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: B. Chan, files  
Mr. R. Tinline, PEG Inc., 2025 Gateway Place, Suite 440, San Jose, CA 95110

wpap451



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 1, 1997  
StID # 541

Mr. Philip Briggs  
Chevron Products Co.  
6001 Bollinger Canyon Rd., Bld. L  
San Ramon, CA 94583

**Re: Chevron Service Station #9-1851, 451 Hegenberger Rd., Oakland  
94621**

Dear Mr. Briggs:

Our office has received and reviewed the April 24, 1997 groundwater monitoring report for the above site. Based upon these results, it appears that a significant release of MTBE has occurred at this site. MTBE was detected during the 3/20/97 event in all four monitoring wells at this site with the highest concentration being detected in MW-4 the well closest to the fuel tanks. The confirmatory water sample from MW-4 which analyzed the sample via EPA method 8260 reported 8600 ppb MTBE versus 10,000 ppb via EPA method 8020. Interestingly, in the same sample which detected 10,000 ppb MTBE, gasoline was reported at 250 ppb. This result is somewhat confusing. Either the MTBE has migrated to the monitoring well and separated from the TPHg plume or there is a problem with the analytical laboratory's TPHg analysis. Typical MTBE concentration in gasoline at approximately 11% would equate to a TPHg concentration of about 90,000 ppb for the 10,000 ppb MTBE reported. The former scenario, rapid MTBE plume migration, is the most likely situation.

Because MTBE is known to migrate at much higher rates than TPHg plus its other physical characteristics (high water solubility, low absorption on soil, little to no biodegradation and unknown toxicity) it is important to, at a minimum, define the limits of the MTBE plume. This may be complicated by preferential pathways and comingled plumes both possible at this site. These items should be investigated. Any sensitive receptors should also be identified given the high mobility of MTBE.

Please prepare a work plan which determines the limit of the MTBE plume. The source of the release should also be investigated particularly if it is an ongoing source which can continue to add to the released mass.

Mr. P. Briggs  
451 Hegenberger Rd.  
StID # 541  
May 1, 1997  
Page 2.

Please provide your work plan within 30 days or by June 2, 1997.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

c: B. Chan, files

mtbe-451

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

March 19, 1996  
StID # 541

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

Mr. Phil Briggs  
Chevron USA Products Co.  
6001 Bollinger Canyon Rd., Bldg. L  
P.O. Box 5004  
San Ramon, CA 94583-0804

**Re: Chevron Service Station #9-1851, 451 Hegenberger Rd., Oakland  
94621**

Dear Mr. Briggs:

It is my understanding that you have taken over the sites formerly overseen by Mr. Mark Miller. The above referenced site is one of these. Our office has reviewed the December 29, 1995 Preliminary Site Assessment report for this site which details the results of soil and groundwater sampling from five borings, four of which were converted into monitoring wells, MW-1 through MW-4. We concur with the report's conclusions and Mr. Miller's recommendation for this site ie low levels of petroleum hydrocarbons has impacted the shallow groundwater beneath this site and quarterly groundwater monitoring should be initiated to verify the concentrations of hydrocarbon and solvents detected. Please continue to analyze the parameters tested in the initial investigation.

This site has been transferred to the Local Oversight Program (LOP). A Notice of Requirement to Reimburse (NORR) letter was recently sent to Mr. Miller's attention. Should have any comments or questions, please contact me at (510) 567-6765.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: Ms. B. Sieminski, Gettler-Ryan Inc., 6747 Sierra Ct., Suite J,  
Dublin, CA 94568

G. Coleman, ~~files~~

PSA451H

# Transfer of Eligible Local Oversight Case

RP - Chevron USA  
6001 Bollinger Canyon Rd, Bldg. L  
P.O. Box 5004  
San Ramon CA 94583-0804

STID 541 Date of input/By: 3/18/96 na

Date: 3-18-96 From: B. Chan

Site Name: Chevron Service Stn #9-1851

Address: 451 Heggenberger Rd City: Oak Zip: 94621

### To be eligible for LOP, case must meet 3 qualifications:

1.   Tanks Removed? # of removed? \_\_\_\_\_ Date removed: \_\_\_\_\_

2.   Samples received? Contamination level: 1.6 ppm diesel in GW  
Type of test TPH d, TPH g, BTEX, TOC  
Contamination should be over 100 ppm TPH to qualify for LOP

3.   Petroleum? Circle Type(s): • Avgas • leaded • unleaded • fuel oil • jet  
• diesel • waste oil • kerosene • solvents

### Procedure to follow should your site meet all the above qualifications:

N/A

1.
  - a. \_\_\_\_\_ Close the deposit refund case.
  - b. \_\_\_\_\_ Account for **ALL** time you have spent on the case.
  - c. \_\_\_\_\_ Turn in account sheet to Leslie.

If there are funds still remaining it is still better to transfer the case to LOP as the rate for LOP allows more overhead. **DO NOT** attempt to continue to oversee the site simply because there are funds remaining!

Remaining DepRef \$'s: \_\_\_\_\_  
DepRef Case Closed with Candyce/Leslie? **Y N** (If no, explain why below.)

2. Submit the completed **A** and **B** permit application forms to **NORMA**.
3. Give the entire case to the proper LOP staff.