

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT  
11-29-05

November 28, 2005

Mr. Dana Thurman  
Chevron Environmental Management co.  
6001 Bollinger Canyon Rd., K2236  
P.O. Box 6012  
San Ramon, CA 94583-2324

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

Dear Mr. Thurman

Subject: Fuel Leak Case No. RO 0000146, Chevron Service Station #9-2506, 2630  
Broadway, Oakland, CA

Alameda County Environmental Health (ACEH) staff has recently reviewed the case file and the Investigation Workplan (revised), dated November 15, 2005, prepared by Cambria Environmental for the subject site, which replaces the prior September 24, 2004 work plan. This work plan proposes the installation of three (instead of two) additional monitoring wells and a boring in the area of former sample, PX7-9', to define the lateral and vertical extent of the hydrocarbon plume. At this time, we do not concur with this investigative approach, as your Site Conceptual Model (SCM) and other significant reports have not been provided. Our September 13, 2005 stated our concern over these items. We have reviewed the files and past directive letters from our agency and request that you address the following technical comments when performing the requested work and submit the technical reports requested below.

TECHNICAL COMMENTS

1. Site Characterization and Source Characterization- The April 24, 2003 letter from our office requested that Chevron provide a work plan to complete this characterization, however, we believe the proposed work is not sufficient to accomplish this task. The work plan correctly identifies the former USTs and southern dispenser islands as the likely residual source areas, however, only one boring, SB-1, is proposed to investigate these areas. Though where SB-1 is proposed had the highest residual TPHg, we note the other dispenser areas are where the highest MTBE was detected. The three monitoring wells proposed are located south of the source areas, while the gradient, although variable, appears to have a significant northwesterly component. A preferred approach is the drilling of boring in transects down-gradient of the source areas and the collection of depth discrete soil and groundwater samples. Monitoring well locations should then be based upon this information and can be determined and installed during the same time. Please provide a work plan addendum ( e mail is acceptable) as requested below.
2. Groundwater Monitoring Frequency- The County's April 24, 2003 letter noted elevated MTBE concentrations in well B-1 and requested the semi-annual sampling be changed to quarterly sampling. It appears this request was never done. Within the Proposed Scope of Work in the November 15, 2005 revised work plan, groundwater monitoring and sampling is stated to be continued on a semi-annual basis. However, in the Well Development and Groundwater Sampling section, it states that Gettler-Ryan will include wells "in routine quarterly monitoring and

sampling program for the site". We request that after new wells are installed, groundwater monitoring be on a quarterly basis.

3. Monitoring Well B-3- We are pleased to be informed that this well will be redevelopment and included in your sampling program.
4. Preferential Pathway Survey- We are pleased that you propose to perform and utility survey and a sensitive receptor survey. The conduit study shall include a detailed well survey of all wells (monitoring and production wells: active, inactive, standby, destroyed (sealed with concrete), abandoned (improperly destroyed); and dewatering, drainage, and cathodic protection wells) within a ½ mile radius of the subject site. As part of your detailed well survey, please perform a background study of the historical land uses of the site and properties in the vicinity of the site. Use the results of your background study to determine the existence of unrecorded/unknown (abandoned) wells, such as old deep agricultural wells, that can act as pathways for migration of contamination at and/or from your site. Please provide your survey as requested below as well as your interpretation or proposal to investigate the pathways and receptors.
5. Prior 1982 Tank Removal- We understand that no report exists and no sampling occurred during these tank removals. Please confirm these former tank locations. Are we correct in assuming these tanks were located in the same location as those removed in 1998?
6. Site Conceptual Model- It appears as early as March 12, 2001 a SCM evaluation was promised. As you are aware, the SCM is needed to understand the likely release scenario and direct a focused investigation. Though we approve the prior numbered items, we request that the data generated be incorporated into a SCM, preferably electronic and submitted as requested below.

#### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health, according to the following schedule:

- December 30, 2005-Work plan addendum
- December 30, 2005- Second semi-annual monitoring report including well B-3
- December 30, 2005- Sensitive Receptor and Preferential Pathway report & confirmation of 1982 UST locations
- 60 days after completion of site investigation- Soil and Groundwater Report
- 90 days after completion of site investigation- Site Conceptual Model

This report is 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. 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, ([http://www.swrcb.ca.gov/ust/cleanup/electronic reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic%20reporting)) for more information on these requirements.

#### 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

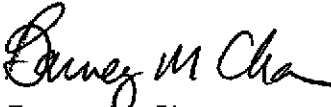
If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement

Mr. Dana Thurman  
November 28, 2005  
Page 4 of 4

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. David Herzog, Cambria Environmental, 4111 Citrus Ave., Suite 12, Rocklin,  
CA 95677

11\_28\_05 2630 Broadway

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



4-28-03

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

April 24, 2003

Karen Streich, Project Manager  
Chevron Products Co.  
Site Assessment & Remediation  
6001 Bollinger Canyon Rd., V1132  
PO Box 6004  
San Ramon, CA 94583-0904

Dear Ms. Streich:

Subject: Fuel Leak Case No. RO0000146, Chevron Service Station #9-2506,  
2630 Broadway, Oakland, CA

Alameda County Environmental Health staff has reviewed "2nd Semi-Annual Event of August 21, 2002, Groundwater Monitoring and Sampling Report" dated October 1, 2002. We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

**TECHNICAL COMMENTS**

1. Site Characterization - The lateral and vertical extent of your dissolved contaminant plumes is undefined south of the tanks. Up to 7,200 ug/l methyl tertiary-butyl ether (MTBE) had been detected in monitoring well B-3 and the last two times it was sampled, in 2001 and 2002, the concentrations were 3,370 ug/l and 3,230 ug/l, respectively. Up to 110,000 ug/l TPH-G and 3,600 ug/l benzene have been detected in monitoring well B-4. The last sampling event in 1994 found 17,000 ug/l TPH-G and 400 ug/l benzene. Using the results of your preferential pathway survey requested below, indicate your proposal to define the plumes associated with your site in the Work Plan requested below.
2. Source Characterization - Up to 1,190 mg/kg TPH-G was detected in contaminated soil collected beneath the dispensers after over excavation. Up to 110 mg/kg Oil & Grease was detected beneath the former used oil tank location. The source areas have not been delineated. We request that you propose borings to delineate the lateral and vertical extent of soil contamination in the source area(s). Also, up to 90 mg/kg TPH-G was detected in boring B-9. Please propose additional boring locations in the Work Plan requested below.

- 3 . Groundwater Monitoring Frequency – Currently, the scheduled sampling frequency is semiannual. However, MTBE was found at 6,500 micrograms per liter (ug/l) in B-1 on August 21, 2002 and no lower than 9,200 ug/l for all prior sampling events. Therefore, please monitor all your wells on a quarterly basis.
- 4 . Monitoring Well B-3 – It appears that B-3 was paved over. Please locate and uncover this well, and include it in your monitoring network.
- 5 . Monitoring Well B-2 - On January 11, 1995, we allowed the suspension of monitoring well B-2 from sampling at your request. Now we would like to have B-2 included for future sampling since B-3 was paved over and gradient has varied. B-2 has never been analyzed for MTBE. Future analyses shall include MTBE.
- 6 . Preferential Pathway Survey – We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines, etc.) for horizontal and vertical migration that may be present in the vicinity of the site. The purpose of the preferential pathway study is to locate potential migration pathways and conduits and determine the probability of the plume encountering preferential pathways and conduits that could spread contamination.
  - a) Utility Survey - Please submit map(s) and cross-sections showing the location and depth of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s). Evaluate the probability of the contaminant plumes encountering preferential pathways and conduits that could spread the contamination, particularly in the vertical direction to deeper water aquifers. Please submit with the Work Plan requested below.
  - b) Well Survey – Locate wells within a quarter mile radius of the site. Show the location of the wells and the site on a map and tabulate well construction details for each well. Please submit with the Work Plan requested below.
- 7 . Site Conceptual Model (SCM) - We have not received the evaluation of the SCM, which was promised as referenced in the March 12, 2001 letter from Delta Environmental Consultants, Inc. You may report your findings with the Work Plan.
- 8 . Submerged Monitoring Well Screens for B-7, B-8, and B-12 – During a major portion of the sampling events, the depth to groundwater has been above the top of the monitoring well screens, which are 5 feet below grade (fbg). Groundwater depth often ranged from 4 to 5 fbg in B-7 and B-8, and even less than 3 fbg in B-12. Please evaluate the effect of groundwater elevations rising above well screens on hydrocarbon concentrations and propose recommendations to augment or validate the groundwater concentrations obtained. Include, with your analysis, hydrographs for each monitoring well with groundwater elevation vs. time and plot TPH-G, TPH-D, and benzene, and also indicate the top of screen elevations.
- 9 . Historical Hydraulic Gradients – Please include a rose diagram of groundwater gradient in all future monitoring report maps for this site.

Ms. Streich  
April 24, 2003  
Page 3 of 3

10. 1982 removal of the tanks and lines - We understand that tanks were removed in 1982. However, details of the removal were not reported. Please provide as an attachment to the Work Plan requested below.
11. Separate phase hydrocarbons (SEP) removal August 1982 – February 1983 - Documentation of the amount found and removed were not in our files. Please provide as an attachment to the Work Plan requested below.
12. ORC Remediation - ORC "socks" are currently being used in monitoring wells at this site. A review of the literature on this method of remediation indicates that only the small portions of the plume near the monitoring wells are treated, leaving the rest unremediated. Please include your proposal to evaluate the effectiveness of your remediation system in the Work Plan requested below.

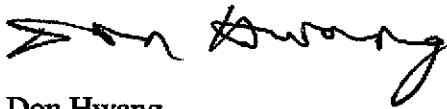
#### TECHNICAL REPORT REQUESTS

Please submit technical reports to the Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

- June 24, 2003 - Work Plan & Attachments
- July 31, 2003 – Groundwater Monitoring Report for the 2<sup>nd</sup> Quarter 2003
- October 31, 2003 - Quarterly Report for the 3<sup>rd</sup> Quarter 2003
- January 31, 2004 - Quarterly Report for the 4<sup>th</sup> Quarter 2003
- April 30, 2004 - Quarterly Report for the 1st Quarter 2004

If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

C: Deanna Harding, Gettler-Ryan, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568  
Donna Drogos  
File

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



GREEN  
06-08-01

June 7, 2001

Tom Bauhs, Project Manager  
Chevron Products Co.  
Site Assessment & Remediation  
6001 Bollinger Canyon Rd., V1132  
PO Box 6004  
San Ramon, CA 94583-0904

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

Re: Chevron Service Station #9-2506, 2630 Broadway, Oakland, CA;  
RO0000146

Dear Mr. Bauhs:

This office has reviewed "2nd Semi-Annual Event of August 31, 2000, Groundwater Monitoring and Sampling Report" dated November 16, 2000 by Gettler-Ryan, Inc., for the facility referenced. Monitoring wells B-1, B-3, B-5, B-6, B-7, B-9, B-10, B-11, and B-12, were sampled on August 31, 2000 for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, xylene (BTEX), and methyl tertiary-butyl ether (MTBE). Concentrations of MTBE were again high in groundwater samples collected from monitoring wells B-1, B-3, and B-5, which were 20,600 ug/l, 3,230 ug/l, and 2,420 ug/l, respectively. Nondetectable concentrations were found for TPH and BTEX in monitoring wells B-1, B-3, B-6, B-7, B-9, B-10, B-11, and B-12. Whereas, B-5 had concentrations of 4,730 ug/l, 55.5 ug/l, <5.00 ug/l, 246 ug/l, and 613 ug/l, for TPH and BTEX, respectively. Also, during this monitoring/sampling event, oxygen releasing compound (ORC) was placed into monitoring wells B-1, B-3, B-5, B-6, B-7, and B-9.

We await the evaluation of the site conceptual model, which will be completed during the first half of 2001 as referenced in the March 12, 2001 letter from Delta Environmental Consultants, Inc. If you have any questions, call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

C: Jim Brownell, Delta Environmental Consultants, Inc., 3164 Gold Camp Dr., Suite 200,  
Rancho Cordova, CA 95670-6021

Deanna Harding, Gettler-Ryan, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568

file



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT 2-23-2000  
including cc's

20146

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

February 22, 2000

Brett Hunter, Project Manager  
Chevron USA, Inc.  
Site Assessment & Remediation  
6001 Bollinger Canyon Rd., Bldg. L  
PO Box 6004  
San Ramon, CA 94583-0904

Dear Mr. Hunter:

Subject: Former Chevron Service Station #9-2506, 2630 Broadway, Oakland, CA;  
StId 459

This office has reviewed the 3rd quarter 1999 groundwater monitoring report dated December 14, 1999 by Blaine Tech Services, Inc., for the above noted facility. The September 15, 1999 samples were from wells, B-1, B-3, B-5, B-7, B-8, B-9, B-10, B-11, and B-12. Oxygen Release Compound (ORC) was added to B-1, B-3, B-5, B-6, B-7, B-9, on July 29, 1999. The wells where ORC was added, showed a significant reduction in contaminant concentrations with the exception of methyl tertiary-butyl ether (MTBE) compared to the results of March 9, 1999 which were collected prior to the addition of ORC.

A description of the procedures for the addition of ORC and the sampling of the wells are needed. Provide within 30 days.

If you have any questions, call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

C: Steve Simi, Connell, Inc., 2735 Broadway, Oakland, CA 94612

File

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0143  
R0137  
R0146

May 25, 1999

Philip Briggs, Project Manager  
Chevron USA Inc.  
Site Assessment & Remediation  
Bldg. L, Rm. 1110  
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: Former Chevron Service Station #9-2506, 2630 Broadway, Oakland, CA 94612;  
STID 459;  
Former Chevron Service Station #9-0019, 210 Grand Ave., Oakland, CA 94610;  
STID 1110  
Former Chevron Service Station #9-0020, 1633 Harrison St., Oakland, CA 94612;  
STID 3812

Dear Mr. Briggs:

**LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS**

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.

Mr. Briggs  
Page 2 of 2  
May 25, 1999

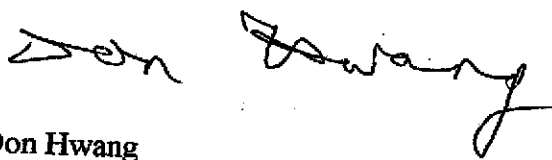
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 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) 567-6746 should you have any questions about the content of this letter.

Sincerely,



Don Hwang  
Hazardous Materials Specialist

Enclosures

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO # 146

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

April 29, 1999

Philip Briggs, Project Manager  
Chevron USA Inc.  
Site Assessment & Remediation  
Bldg. L, Rm. 1110  
P.O. Box 6004  
San Ramon, CA 94583-0904

Re: Former Chevron Service Station #9-2506, 2630 Broadway St., Oakland, CA 94610;  
STID 459

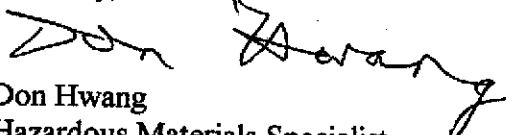
Dear Mr. Briggs:

This office has reviewed the "Leaking Underground Storage Tank Oversight Program" file for the subject site and found the following information missing:

- 1) A report about the removal of the underground storage tanks, which occurred in October 1993, including the analytical reports for the samples collected beneath the former tank locations. The underground storage tanks were removed because a tank leaked in early 1982.
- 2) Well design and construction specifications, including logs for groundwater monitoring wells, B-1, B-2, B-3, B-4, B-5, B-6, B-7, and B-8. These were installed March 1982.
- 3) Manifests or bills of lading for all waste removed, including underground storage tanks, soil, groundwater, and the separate phase hydrocarbons that were removed from B-4 from August 1982 to February 1983.

Please submit the above items. If you have any questions, please call me at (510) 567-6746.

Sincerely,

  
Don Hwang  
Hazardous Materials Specialist

C: file

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0146

June 29, 1998

re: STID 459

Philip Briggs  
Chevron USA Inc.  
P.O. Box 5504  
San Ramon, CA 94583-0804

ENVIRONMENTAL HEALTH SERVICES

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

Re: 2630 Broadway, Oakland, CA 94612

Dear Philip Briggs:

This office has received and reviewed a Semiannual Groundwater Monitoring Report, dated May 8, 1998, by Gettler-Ryan Inc., for the above site. The following are comments concerning this report.

1. Your cover letter mentions that a tank removal report will be sent to us in two weeks. This report should also be sent to the City of Oakland, which has responsibility over the tank program.
2. You mention that the next report will be semi-annually and therefore should cover the third quarter of 1998. The contamination seems to be well confined around the area of the former tank pits and dispenser island. Hopefully, samples that were showing a decline in contamination will continue in the next round of sampling.

Please call this office with any questions at (510) 567-6782.

Sincerely,

Thomas F. Peacock, Manager  
Environmental Protection Division

c: Deanna Harding, Gettler-Ryan, Inc., 6747 Sierra Ct., Suite  
J, Dublin, CA 94568  
Dick Pantages, Chief - files- Tom  
LeRoy Griffin, City of Oakland Hazardous Materials

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

RO# 146

October 2, 1997

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

re: STID 459, 2630 Broadway, Oakland, CA 94612

Philip Briggs  
Chevron USA Inc.  
P.O. Box 5504  
San Ramon, CA 94583-0804

Dear Philip Briggs:

This office has received and reviewed a Semiannual Groundwater Monitoring Report, dated April 20, 1997, by Gettler-Ryan Inc., for the above site. The following are comments concerning this report.

1. There are very high concentrations of benzene and MTBE in the area around B-1, B-1, B-6, B-5, B-7 and B-9. This area is not shown as a plume on the site drawing.
2. Your cover mentions reconstructing this site later in the year but that there has been public concern expressed "on the closer of the restaurant." What is meant by this statement? Is it the closeness of the restaurant (even though upgradient) or is the restaurant closing?

Please call this office with any questions at (510) 567-6782.

Sincerely,

Thomas F. Peacock, Manager  
Environmental Protection Division

c: Deanna Harding, Gettler-Ryan, Inc., 6747 Sierra Ct., Suite  
J, Dublin, CA 94568  
Gordon Coleman, Chief - files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0#146

March 28, 1997  
STID 459

Attn: Phil Briggs  
Chevron USA  
PO Box 5004  
San Ramon CA 94583-0804

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

RE: Update, Chevron station #92506, 2630 Broadway, Oakland CA 94612

Dear Mr. Briggs,

Since my last letter to you, dated 4/19/96, the following documents have been received in this office:

- 1) quarterly report, prepared by Gettler-Ryan, dated 4/24/96, under your cover letter dated 10/14/96; and
- 2) "Semi-Annual Groundwater Monitoring and Sampling Report," prepared by Gettler-Ryan, dated 10/30/96, under your cover letter dated 2/24/97.

Your 2/24/97 cover letter indicated that the site is planned to be reconstructed late this year. Groundwater sampling is being conducted on a semi-annual basis (first and third quarters).

This letter is being sent to simply update the status of this case.

If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: Deanna Harding, Gettler-Ryan, 6747 Sierra Ct., Suite J, Dublin CA 94568  
J. Eberle/file

je.459-A

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#146

Alameda County Environmental Health Div.  
Mail Code: 430-4580  
Environmental Protection Services  
1131 Harbor Bay Parkway, Room 250  
Alameda CA 94502-6577

April 19, 1996  
STID 459

Attn: Phil Briggs  
Chevron USA  
PO Box 5004  
San Ramon CA 94583-0804

RE: Chevron station #92506, 2630 Broadway, Oakland CA 94612

Dear Mr. Briggs,

I have reviewed the most recent quarterly report for this site, prepared by Gettler-Ryan, dated 1/26/96. Upon a review of the data, it would be acceptable to reduce the sampling frequency from quarterly to biannually (1st and 3rd quarters). Groundwater elevations and potentiometric maps would also need only be generated biannually.

If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: Gettler-Ryan, 6747 Sierra Ct., Suite J, Dublin CA 94568  
Acting Chief/file

je.459



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0146

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

January 11, 1995  
STID 459

Mark Miller  
Chevron USA  
PO Box 5004  
San Ramon CA 94583-0804

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

RE: Chevron #9-2506, 2630 Broadway, Oakland CA 94612

Dear Mr. Miller,

I am in receipt of the 12/1/94 "Environmental Assessment Report," prepared by Resna, and submitted on 1/5/95. As you know, this report documents the installation and sampling of four additional monitoring wells (B9 through B12).

I am also in receipt of your cover letter, dated 1/3/95, in which you request suspension of sampling in wells B2, B4, B5, and B7. Upon review of the data, it appears that wells B5 and B7 should continue to be monitored. These wells have significant concentrations of hydrocarbons, are on the downgradient property boundary, and it's important to know what concentrations of contaminants are migrating offsite. However, sampling in wells B2 and B4 may be suspended, because they appear to be duplicitous.

Obviously, a quarterly monitoring program should be established for sampling all wells (except B2 and B4) at the same time.

If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: Zbigniew Ignatowicz, Resna, 42501 Albrae St., Suite 100,  
Fremont CA 94538  
Argy Mena, Sierra Environmental, PO Box 2546, Martinez CA  
94553  
Ed Howell/file

je459

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0146

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

December 23, 1993  
STID 459

Mark Miller  
Chevron USA Inc.  
PO Box 5004  
San Ramon CA 94583-0804

RE: Chevron Station #92506  
2630 Broadway  
Oakland CA 94612

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

Mark,

We have received the "Work Plan, Offsite Subsurface Environmental Assessment," prepared by Resna, dated 11/18/93. As you know, this workplan involves the installation of four groundwater monitoring wells, three of which are located offsite and downgradient.

This workplan is acceptable. Please note the typographic error on page 3, paragraph 4, which reads "monitoring wells B-1 through B-4;" it should read "monitoring wells B-9 through B-12."

Please note that with the exception of closure reports, routine reports and documents no longer need to be copied to the Regional Water Quality Control Board. Kindly submit a cover letter with your consultant's reports. If you have any questions, please contact me at 510-271-4530.

Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: Cynthia Virotsko, Resna, 3315 Almaden Expressway, Suite 34,  
San Jose CA 95118  
Ed Howell/file

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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0146

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

September 13, 1991

Mr. Douglas Durein  
Ken Betts., Inc.  
770 Weasley Way  
Oakland, CA 94610

RE: Five Year Permit to Operate Four Underground Storage Tanks  
at 2630 Broadway Oakland, CA 94612

Dear Mr. Durein:

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

- 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 on-site or off-site at a readily available location, for a period of at least three (3) years. These records must be made available, upon request within 36 hours, to a representative of our office;
- 3) Permits may be transferred to new underground storage tank owners if the new underground storage tank owner does not change any conditions of the permit, the transfer is registered with our office within 30 days of the change in ownership, and the tank permit application forms are completed to show the changes. Our office may review, modify, or terminate the permit to operate the underground storage tank upon receiving the ownership transfer request;

Mr. Douglas Durein  
September 13, 1991  
Page 2 of 3

The monitoring methods currently used at this facility are shown below:

- Tanks: a. Annual tank integrity tests.
- b. Daily inventory reconciliation for fuel tanks.
- c. Weekly gauging for waste oil tank.
- d. Annual summary reports of inventory reconciliation for fuel tanks.

**Fuel**

- Pipes: a. Annual pipeline tightness tests
- b. Hourly in-line leak detection (red-jackets) that are performance tested annually.

If there are any changes made in the monitoring methods, equipment types, and/or procedures used to monitor tanks and pipes at this facility, you must:

1. Ensure the changed procedures will still meet the requirements of Article 4, Title 23, CCR.
2. Send written notification of the changes to this office.

Please note that the requirements for manual tank gauging, daily inventory reconciliation, summary reports, and potential leak investigations have been revised under the new Title 23, CCR, effective August 9, 1991. Some of the new requirements are shown below:

**Section 2646 - Inventory Reconciliation**

- i) The daily variation in inventory reconciliation shall be the difference between physically measured inventory in storage and the calculated inventory in storage. Monthly variations exceeding a variation of 1% of the monthly tank delivery plus 100 gallons must be investigated in accordance with this section.
- j) Submit on an ANNUAL basis, a statement to our office which states that all inventory reconciliation data are within allowable variations or which includes a list of the period of times and corresponding variations which exceed the allowable variations. Said statement shall be executed under penalty of perjury.

Mr. Douglas Durein  
September 13, 1991  
Page 3 of 3

The sample worksheet enclosed may be used to record the daily reconciliation, and to perform the potential leak investigation when monthly variations are too large. Please also note that after January 1, 1992, inventory reconciliation, and any other leak detection method that utilizes manual stick readings, shall NOT be used as a monitoring method where the existing ground water level or the highest anticipated ground water level is less than 20 feet below the bottom of the tank.

Consult the revised Title 23, CCR for additional requirements. To obtain a copy of the amended regulations, you may contact State Water Resources Control Board at (916) 324-1267.

Contact Rob Weston or me if you have any questions regarding this letter at (510) 271-4320.

Sincerely,

*Paul M. Smith*

Paul Smith  
Hazardous Materials Specialist

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

FS:CG:cg mem41  
enclosures

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0146

September 19, 1990

Dave Press  
Broadway Chevron Station  
2630 Broadway  
Oakland, CA 94612

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

Re: Waste Minimization Assessment

Dear Dave Press:

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,

A handwritten signature in cursive script that reads "Edgar B. Howell".

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

EBH:kac

cc: Fire Department  
Files