

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



11-20-03

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

November 18, 2003

Ms. Karen Streich
Chevron USA, Inc.
PO Box 6004
San Ramon, CA 94583-0904

Mr. Martin Zone
Oakland Housing Authority
1805 Harrison St.
Oakland, CA 94612

Subject: Fuel Leak Case No. RO0000143, Chevron #9-0020, 1633 Harrison St., Oakland, CA

Dear Ms. Streich & Mr. Zone:

Alameda County Environmental Health staff has reviewed "Additional Investigation Workplan" dated August 6, 2003 by Cambria Environmental Technology, Inc., "Re: Additional Investigation Workplan" from Oakland Housing Authority dated August 26, 2003, and "OHA Comments on Additional Investigation Work Plan" from ChevronTexaco dated August 28, 2003. Please incorporate the supplemental work stated in the ChevronTexaco letter dated August 28, 2003. Your Work Plan is approved if you are agreeable to our comments. We request that you address the following technical comments, perform the requested work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. Soil Boring by MW-7: Relocate the proposed boring so as to be downgradient (east) of MW-7. 50,000 ppm TPHg was reported in a sample collected at 23.5 fbg in well MW-7. Cambria's boring will be sampled at depths concurrent with the previously reported hydrocarbon impacts (19 fbg and 23.5 fbg).
2. Boring Depths: Increase the depths to 30 fbg. The bottom of MW-6 was at 26 fbg where slight to moderate odors were observed.
3. Collection of Soil Samples: Instead of collecting soil boring samples every 5 ft., as proposed, soil samples shall be collected at a minimum of every 5 ft., including at changes of lithology, at the soil/groundwater interface, and at areas of obvious contamination.
4. Soil Sample ES-8C: In January 1992, hydrocarbon impacted soil was removed from the vicinity of MW-4. The confirmation soil sample collected from the south excavation wall at 8 ft. bgs contained detectable hydrocarbons, TPH-G at 310 ppm and TPH-D at 270 ppm. Please install a boring downgradient (east) of ES-8C.

Ms. Streich & Mr. Zone
November 18, 2003
Page 2 of 2

TECHNICAL REPORT REQUEST

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

- 60 days after Work Plan approval – Soil and Water Investigation Report

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

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

C: Robert Foss, Cambria Environmental Technology, Inc. 5900 Hollis St, Suite A,
Emeryville, California 94608

File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



9-11-02

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

September 10, 2002

Ms. Karen Streich
Chevron USA, Inc.
PO Box 6004
San Ramon, CA 94583-0904

Mr. Martin Zone
Oakland Housing Authority
1805 Harrison St.
Oakland, CA 94612

Subject: Fuel Leak Case No. RO0000143, Chevron #9-0020, 1633 Harrison St., Oakland, CA

Dear Ms. Streich & Mr. Zone:

Alameda County Environmental Health staff has reviewed "Tier 1 RBCA Evaluation Addendum" dated November 14, 2001, by Delta Environmental Consultants, Inc. (Delta) and the case file for the subject site. We request that you address the following technical comments, perform the requested work, and send us the technical reports requested below.

TECHNICAL COMMENTS

- 1. Risk Evaluation** - Two risk evaluations were prepared by Delta for the subject site. The June 27, 2000, "Site Conceptual Model and Risk-Based Corrective Action Evaluation," evaluated the site under a commercial use scenario using the historic highest benzene detection of 810 micrograms/liter (ug/l) in groundwater to evaluate the worst case exposure scenario. When a residential land use scenario was evaluated for the site, another risk evaluation was performed in the "Tier 1 RBCA Evaluation Addendum," dated November 14, 2001, prepared by Delta. Rather than using the historical high benzene concentrations used in the commercial scenario, the residential risk evaluation used an average concentration over four semi-annual events. We do not believe that concentrations can be averaged when evaluating a residential exposure scenario. Please refer to "Application of Risk-Based Screening Levels and Decision Making to Sites With Impacted Soil and Groundwater", Section 2.2 (Step 7) of Volume 1. Additionally, the groundwater data used were from monitoring wells containing Oxygen Release Compound (ORC). We are concerned that the data from monitoring wells containing ORC are not representative of site conditions. Please address these concerns in the work plan requested below.

2. **TPH Risk-Based Screening Levels (RBSLs)** – The Massachusetts Department of Environmental Protection's cleanup standards for total petroleum hydrocarbons (TPH) contamination in groundwater and soil were referenced in the evaluation of total petroleum hydrocarbons as gasoline (TPHG) concentrations at this site. We request that you instead refer to the Regional Water Quality Control Board San Francisco Bay Region's (RWQCB-SF) RBSLs for TPHG screening values for your site. Include your proposal for addressing TPHG risk evaluation levels in the work plan requested below.
3. **Future Residential Development** – We understand that the site is being considered for residential housing. Data for your site indicates that residual contamination remains in place. As part of your risk evaluation, please indicate the location of the proposed building in relation to residual contamination on a map of your site including soil boring and monitoring well locations showing contamination concentrations and depths. Also, provide surface and subsurface building construction specifications, i.e., foundation type, basements, crawl space. Include your map and building construction specifications and your proposal on how they are protective from the residual contamination in the work plan requested below.
4. **ORC Interim Remediation** – ORC was applied in monitoring wells. Please submit your proposal for verification monitoring to evaluate the its effectiveness in the work plan requested below.
5. **Groundwater Analysis** – Please analyze groundwater samples for TPHG, Benzene, Toluene, Ethyl Benzene, Xylene (BTEX) and by EPA Method 8260 for Methyl tert Butyl Ether (MTBE), tert Amyl Methyl Ether (TAME), Ethyl tert Butyl Ether (ETBE), Diisopropyl Ether (DIPE), tert Butyl Alcohol (TBA), Ethylene Dibromide (EDB), and Ethylene Dichloride (EDC). Additionally, Halogenated Volatile Organic Compounds (HVOC's) have historically been present at this site and have not been analyzed since 1992. The presence of HVOC's need to be considered as a more restrictive land use is being proposed. Please include the listed analyses in the work plan requested below. Also, please include procedures for sampling of monitoring wells with ORC which will yield results representative of site conditions.
6. **Soil Sampling** – The gasoline additive EDC has been detected in groundwater in source area(s) at this site. As part of your risk evaluation we request that soil samples be collected and analyzed for EDC and EDB. Also, we recommend that a laboratory grain size analysis be performed on soil samples from your site in accordance with applicable guidance for application of SF-RWQCB and City of Oakland RBSL criteria. Please include your proposal for this work in the work plan requested below.

Ms. Streich & Mr. Zone
September 10, 2002
Page 3 of 3

7. **Offsite Monitoring Well** - Groundwater concentrations of TPHG in MW-16 have been increasing over time. Previously, your consultant has suggested that the source may be from another site. Please provide evidence and identify possible offsite sources.

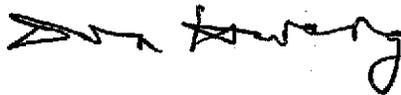
TECHNICAL REPORT REQUEST

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

- October 30, 2002 – Work Plan
- October 30, 2002 – Quarterly Monitoring Report for the Third Quarter 2002
- 60 days after Work Plan approval – Risk Evaluation & Verification Monitoring
- January 30, 2003 – Quarterly Monitoring Report for the Fourth Quarter 2002

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

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

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

File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



08-04-01

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

August 2, 2001

Tom Bauhs
Chevron USA, Inc., Site Assessment & Remediation
6001 Bollinger Canyon Rd. V1132
PO Box 6004
San Ramon, CA 94583-0904

Re: Former Chevron Service Station #9-0020, 1633 Harrison St., Oakland, CA;
RO0000143

Dear Mr. Bauhs:

"Response to ACHCSA letter of May 23, 2001..." dated June 27, 2001 by Delta Environmental Consultants, Inc., was reviewed. "Site Conceptual Model and Risk-Based Corrective Action Evaluation" dated June 27, 2000 by Delta Environmental Consultants, Inc., was also reviewed. A comparison was made of site representative contaminant concentrations to Oakland Risk-Based Screening Levels (RBSLs). The contaminant concentrations were shown to not exceed the RBSLs for a commercial/industrial receptor. However, a comparison of the contaminant concentrations for a residential receptor showed that the benzene concentrations exceeded the RBSLs. The representative concentration for benzene of 0.810 mg/l exceeded the Oakland Tier 1 RBSL for inhalation of indoor air vapors, residential receptor, carcinogenic risk, of 0.11 mg/l. Therefore, unless further evaluation shows that the benzene concentrations do not exceed a site-specific remediation concentration, or the affected media is remediated to the Tier 1 limits, or a less conservative concentration is justified, then a deed restriction will be issued. Also, no evaluation was made of the concentrations of total petroleum hydrocarbons as gasoline (TPH-G) found onsite. Such an evaluation is needed.

When our staff reexamined the reports on halogenated volatile compounds (HVOC) at the site, we determined that additional groundwater sampling for HVOC was not necessary.

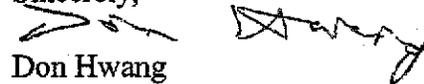
The field data sheet for MW-16 did note why this well was again inaccessible for sampling. However, when the field data sheets with the comments highlighted were copied, the highlighted comments had portions which were blocked out. Therefore, instead of the comments being recognized as highlighted, they were viewed as crossouts.

Mr. Bauhs
August 2, 2001
Page 2 of 2

However, when the field data sheets with the comments highlighted were copied, the highlighted comments had portions which were blocked out. Therefore, instead of the comments being recognized as highlighted, they were viewed as crossouts.

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

Sincerely,


Don Hwang
Hazardous Materials Specialist

^u
C: Stephen Carter, Delta Environmental Consultants, Inc., 3164 Gold Camp Dr., Suite 200,
Rancho Cordova, CA 95670-6021
file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



07-26-01

July 25, 2001

ENVIRONMENTAL HEALTH SERVICES

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

Tom Bauhs
Chevron USA, Inc.
Site Assessment & Remediation
6001 Bollinger Canyon Rd., V1132
PO Box 6004
San Ramon, CA 94583-0904

Re: Former Chevron Service Station #9-0020, 1633 Harrison St., Oakland, CA;
RO0000143

Dear Mr. Bauhs:

This office has reviewed "1st Semi-Annual Event of March 27, 2001, Groundwater Monitoring and Sampling Report" dated May 1, 2001 by Gettler-Ryan, Inc., for the facility referenced. Oxygen releasing compound (ORC) was placed into monitoring wells MW-7 and MW-9 during this sampling period. Monitoring well MW-16 was again unsampled due to inaccessibility. MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-10, MW-11, MW-12, and MW-14, were abandoned. In MW-7, MW-13, and MW-15, the concentrations of total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, and xylene (BTEX), were less than detection limits. The concentrations in MW-9 were low or less than detection limits.

- 1) Explain why MW-16 was again inaccessible for sampling.
- 2) The March 12, 2001 letter from Delta Environmental Consultants, Inc., stated that the need for additional assessment necessary to present a risk-based closure plan was being evaluated.
- 3) Please note that additional groundwater sampling for halogenated volatile compounds (HVOC) will be required to show that the concentrations found onsite are at safe concentrations even if the source may have come from offsite. Until groundwater sampling for HVOC was discontinued in 1992, several of the HVOC exceeded maximum contaminant levels (MCL).

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

file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



05-24-01

May 23, 2001

Tom Bauhs
Chevron USA, Inc.
Site Assessment & Remediation
6001 Bollinger Canyon Rd., Bldg. L
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: Former Chevron Service Station #9-0020, 1633 Harrison St., Oakland, CA;
RO0000143

Dear Mr. Bauhs:

This office has reviewed "3rd Quarter Event of September 18, 2000, Groundwater Monitoring and Sampling Report" dated November 21, 2000 by Gettler-Ryan, Inc., for the facility referenced. Oxygen releasing compound (ORC) was placed into monitoring wells MW-7, MW-9, and MW-16 during this sampling period. Monitoring well MW-16 was again unsampled. In MW-7 and MW-9, the concentrations of total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, and xylene (BTEX), were low or less than detection limits. MW-15 has consistently resulted in concentrations, which are less than detection limits. These results are within the range of previous samples from MW-16. Concentrations in MW-13 showed a small increase from prior sampling events but the concentrations found were low with the exception of TPH-G with a concentration of 1,300 ug/l.

- 1) Explain why MW-16 was again inaccessible for sampling.
- 2) The March 12, 2001 letter from Delta Environmental Consultants, Inc., stated that the need for additional assessment necessary to present a risk-based closure plan is being evaluated. Please note that additional groundwater sampling for halogenated volatile compounds (HVOC) will be required to show that the concentrations found onsite are at safe concentrations even if the source may have come from offsite. Until groundwater sampling for HVOC was discontinued in 1992, several of the HVOC exceeded maximum contaminant levels (MCL).

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

Sincerely,

Don Hwang
Hazardous Materials Specialist

ac: 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

2043

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

December 15, 1999

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

Re: Former Chevron Service Station #9-0020, 1633 Harrison St.,
Oakland, CA; STID 3812

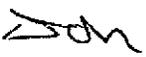
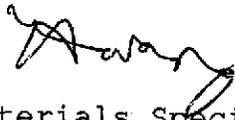
Dear Mr. Hunter:

This office has reviewed the 3rd quarter 1999 groundwater monitoring report dated December 2, 1999 by Blaine Tech Services, Inc., for the above noted facility. The September 29, 1999 sample from MW-16 found 5,480 PPB total petroleum hydrocarbons as gasoline (TPH-G), 717 PPB benzene, 45.3 PPB toluene, 44 PPB ethyl benzene, and 100 PPB xylene (BTEX). These results are within the range of previous samples from MW-16.

You indicated that you did not plan to use ORC and instead would submit an alternative proposal. A Corrective Action Plan, which includes an assessment of impacts, a feasibility study, and applicable cleanup levels, is required. Submit a Corrective Action Plan, which incorporates your findings within 30 days.

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

Sincerely,



Don Hwang
Hazardous Materials Specialist

C: file

L.S.

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# 143

January 14, 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: Chevron USA Inc., 1633 Harrison St., Oakland, CA 94612;
STID 3812

Dear Mr. Briggs:

This office has reviewed the "3rd Quarter Groundwater Monitoring Report" dated October 6, 1998 by Blaine Tech Services, Inc., for the above noted facility and your cover letter dated October 8, 1998.

Your letter stated that Oxygen Releasing Compound (ORC) was added to monitoring well, MW-16, on July 23, 1998, and monitoring well, MW-7, on August 11, 1998. A review of the "3rd Quarter Groundwater Monitoring Report" did not note any appreciable change in contaminant concentrations. In fact, for some contaminants, the concentrations increased. Please submit your proposal to show that ORC has increased the availability of oxygen for natural attenuation.

The letter from our office dated June 10, 1998, noted that an assessment down gradient of MW-16 may be warranted since the extent of the contaminant plume appears to extend beyond MW-16. Your letter stated that the closest location down gradient of MW-16, where an investigation could be conducted, is 400 feet away on 19th St. Please explain why a closer location is not possible.

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

Sincerely,

Don Hwang
Hazardous Materials Specialist

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0143

June 10, 1998
STID 3812

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

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

re: 1633 Harrison St., Oakland, CA 94612

Dear Philip Briggs:

This office has reviewed a First Quarter Groundwater Monitoring Report dated March 31, 1998 by Blaine Tech Services, Inc. for the above site. Your cover letter was dated April 13, 1998. The following are comments concerning this report.

1. Your request to use hydrogen peroxide should be sent to this office and also Chuck Headlee of the Regional Water Quality Control Board in the form of a workplan. We would need to know the concentration, method of injection, quantity, time period, method of detecting effect, and locations. The Regional Board will then assist us in reviewing your proposal.
2. The use of ORC is acceptable in MW-16, except that there will be no way of knowing what this will do down gradient. It appears from the history that we are seeing a plume of contamination pass this point and there is no reason to think that the plume ends there. Additional investigation may be warranted in the down gradient direction to assess plume stability or degradation. This situation is continuing and was mentioned before.

If you have any questions call me at (510) 567-6782.

Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: Dick Pantages, Chief - files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



STID # 3812
CHEVRON # 9-0020
1633 HARRISON ST.
OAKLAND.
RO#143

September 8, 1997
STID 3812

Philip Briggs
Chevron USA Inc.
P.O. Box 5504
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

Dear Philip Briggs:

This office has reviewed a First Quarter Groundwater Monitoring Report for 1997, dated April 9, 1997 by Blaine Tech Services, Inc. for the above site. You have also made written and telephonic requests concerning this site. The following are comments concerning this report and your requests.

1. Your request to close 11 monitoring wells out of 16 is certainly acceptable, provided this pertains to those wells that have not been monitored because they have no contaminants, specifically MW's 1 - 6 , 8 - 12, and 14.
2. The use of ORC is acceptable in MW-16, except that there will be no way of knowing what this will do down gradient. It appears from the history that we are seeing a plume of contamination pass this point and there is no reason to think that the plume ends there. Additional investigation may be warranted in the down gradient direction to assess plume stability or degradation.

This site does not have a regular case worker but you may call me with any questions at (510) 567-6782.

Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: Gordon Coleman, Chief - files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0#143

March 6, 1997

STID 3812

page 1 of 2

ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION (LOP)

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

FAX (510) 337-9335

Phil Briggs

Chevron USA Inc.

PO Box 5004

San Ramon CA 94583-0804

RE: former Chevron station #9-0020, 1633 Harrison St., Oakland CA 94612

Dear Mr. Briggs,

Since my last letter to Chevron dated July 22, 1996, I have received the following documents:

- 1) "2nd Quarter 1996 Monitoring at 9-0020," prepared by Blaine Tech Services (BTS), dated 7/24/96, under Chevron cover letter dated 7/25/96;
- 2) "Quarterly Groundwater Treatment System Compliance Report," prepared by Geraghty & Miller, dated 7/8/94, under Chevron cover letter dated 7/23/96;
- 3) "3rd Quarter 1996 Monitoring at 9-0020," prepared by BTS, dated 10/15/96, under Chevron cover letter dated 2/17/97; and
- 4) "4th Quarter 1996 Monitoring at 9-0020," prepared by BTS, dated 1/20/97, under Chevron cover letter dated 2/17/97.

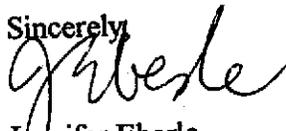
Your cover letter dated 2/17/97 proposed to bail well MW-16 once more, then introducing an oxygen releasing compound (ORC), for the purpose of reducing the hydrocarbons encountered therein. **This proposal is acceptable.** You also indicated that contaminated surface runoff may be entering MW-16, and thus be responsible for the increase in hydrocarbons in the fourth quarter. Under this scenario, the contamination would have to travel approximately 20 feet bgs, which is the depth to water.

Lastly, it would be acceptable to reduce the sampling frequency from quarterly to semi-annually. This is due to the long history of quarterly sampling (since 1989), and the relative stability and low concentrations of contaminants.

If you have any questions, please contact me at 510-567-6761.

March 6, 1997
STID 3812
page 2 of 2
Phil Briggs

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: James Keller, Blaine Tech Services, 1680 Rogers Ave., San Jose CA 95112
J. Eberle/file

je.3812-C

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



120143

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

July 22, 1996
STID 3812
page 1 of 2

Phil Briggs
Chevron USA Inc.
PO Box 5004
San Ramon CA 94583-0804

RE: former Chevron station #90020, 1633 Harrison St., Oakland CA 94612

Dear Mr. Briggs,

Since my last letter to Chevron dated 7/1/96, I have received the following documents:

- a) "1st Quarter 1996 Monitoring at 9-0020" report, prepared by Blaine Tech Services, dated 3/29/96, under your cover letter dated 7/15/96;
- b) "Quarterly Groundwater Treatment System Compliance Report," prepared by Geraghty and Miller (G&M), dated 10/25/93; and
- c) "Quarterly Groundwater Treatment System Compliance Report," prepared by Geraghty and Miller (G&M), dated 1/26/94.

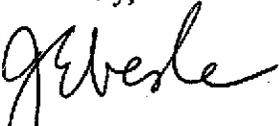
In addition, I am in receipt of a fax from Rick Spencer of Geraghty and Miller (G&M) today, requesting approval to remove the existing remediation equipment from the site. Attached to the fax is a letter from G&M to EBMUD, dated 7/8/94, indicating that the "groundwater extraction and treatment system. . . was shut down in December 1993 due to low flow rates." The treatment system is being removed not only due to inefficient operation, but also due to safety and urban blight concerns. **It is acceptable to remove the existing treatment system.**

The data from the 3/29/96 quarterly report indicate that first quarter contaminant concentrations have decreased by approximately one-half in downgradient, offsite well MW16. We have set a meeting time for 7/30/96 at 8:00 am to open this well cover and observe the condition of this well. I look forward to meeting you then.

If you have any questions, please contact me at 510-567-6761.

July 22, 1996
STID 3812
Phil Briggs
Chevron USA Inc.
Page 2 of 2

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Rick Spencer, Geraghty and Miller, 1050 Marina Way South, Richmond CA 94804
Acting Chief/file

je.3812-B

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



20143

Alameda County CC4580
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

July 1, 1996
STID 3812

Phil Briggs
Chevron USA Inc.
PO Box 5004
San Ramon CA 94583-0804

RE: former Chevron station #90020, 1633 Harrison St., Oakland CA 94612

Dear Mr. Briggs,

Since my last letter to Chevron dated 7/21/95, the following documents have been received in this office:

- 1) "2nd Quarter 1995 Monitoring at 9-0020" report, prepared by Blaine Tech Services (BTS), dated 7/24/95, under cover letter from Mark Miller dated 8/22/95;
- 2) "3rd Quarter 1995 Monitoring at 9-0020" report, prepared by BTS, dated 11/3/95, under cover letter from Mark Miller dated 12/13/95; and
- 3) "4th Quarter 1995 Monitoring at 9-0020" report, prepared by BTS, dated 2/6/96, under cover letter from Mark Miller dated 2/22/96.

It has been noted that succeeding quarterly reports have not been received. Therefore, you are requested to forward succeeding quarterly reports within 30 days, or by August 1, 1996. Groundwater was last sampled on 12/30/95, so it should have been sampled by late March or early April 1996. This report (1st quarter 1996) should have been completed by now. I understand that you took over for Mark Miller in March or April 1996, so I expected the quarterly reports to be a bit late. Therefore, I do not expect the 2nd quarter 1996 report to be ready yet.

I received a telephone call from Rick Spencer of Geraghty and Miller today. He wanted to know if they could remove the remediation equipment from the site, due to safety and urban blight concerns. This prompted a review of the file, upon which it was discovered that a remediation update has not been received since December 1993. A cover letter was received from Mark Miller, dated 12/8/93, in which he noted that the dewatering system and the soil vapor extraction (SVE) system were started up in July 1993. SVE flow rates were lower than anticipated. There were plans to install two additional SVE wells. (These wells were apparently not installed.) A copy of the "Quarterly Groundwater Treatment System Compliance Report," dated 10/25/93 was also included.

July 1, 1996
STID 3812
Phil Briggs
page 2 of 2

Due to the lack of remediation updates, you are requested to document the current status of the remediation system(s), within 30 days or by August 1, 1996. This information, along with updated quarterly reporting, will enable us to discuss future remediation at this site.

It has been noted that downgradient, offsite MW16 continues to show elevated levels of hydrocarbons. The December 1995 data indicate concentrations of 770 ppb benzene and 3100 ppb TPHg, which represents the highest benzene concentration reported in that well. I am concerned that gasoline runoff may be entering the well, and therefore **would like to be present onsite during the next quarterly sampling event. Please contact me by telephone at least 3 business days in advance of the next quarterly sampling event, so that I may note the condition of this well.**

If you have any questions, please contact me at 510-567-6761.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Rick Spencer, Geraghty and Miller, 1050 Marina Way South, Richmond CA 94804
Jim Carmody, Weiss Associates, 5500 Shellmound St., Emeryville CA 94608-2411
Acting Chief/file

je.3812-A

**ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY**

DAVID J. KEARS, Agency Director



R0143

RAFAT A. SHAHID, DIRECTOR

July 21, 1995
STID 3812

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

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

RE: former Chevron station #90020, 1633 Harrison St., Oakland CA 94612

Dear Mr. Miller,

Since my last letter to you dated 2/17/94, the following documents have been received in this office:

- 1) "Groundwater Monitoring and Sampling Activities" report, prepared by Groundwater Technology Inc (GTI), dated 1/28/94
- 2) "Groundwater Monitoring and Sampling Activities" report, prepared by GTI, dated 4/15/94
- 3) "Groundwater Monitoring and Sampling Activities" report, prepared by GTI, dated 7/15/94
- 4) "Groundwater Monitoring and Sampling Activities" report, prepared by GTI, dated 9/26/94
- 5) "Comprehensive Site Evaluation and Proposed Future Action Plan," prepared by Weiss Associates, dated 12/20/94, DRAFT and unsigned
- 6) "4th Quarter 1994 Monitoring" report, prepared by Blaine Tech Services (BTS), dated 1/5/95
- 7) your letter dated 2/8/95 with attached groundwater results for MW7 from 1/17/95
- 8) fax from BTS, dated 1/24/95, with groundwater results for MW7 from 1/17/95
- 9) "1st Quarter 1995 Monitoring" report, prepared by BTS, dated 5/11/95

July 21, 1995
STID 3812
Mark Miller
page 2 of 2

As you recall, a meeting was conducted in this office on 1/26/95. Attendees included Kevin Graves of the RWQCB, yourself, and myself. We discussed the proposal for shutdown of the remedial extraction system, a reduction in frequency in well sampling, and establishment of a Non-Attainment Zone (NAZ), as outlined in the "Comprehensive Site Evaluation and Proposed Future Action Plan," prepared by Weiss Associates.

We decided that this site was not yet ready for NAZ, due to the sudden increase in concentrations of TPHg and BTEX in downgradient well MW-16. We also decided to continue quarterly monitoring and sampling, but only in wells MW7, MW9, MW13, MW15, and MW16. We also noted that the proposed trigger concentrations for benzene were too high (2,000 and 200 ppb in MW7 and MW13, respectively).

It has been noted that concentrations of TPHg and BTEX have decreased between November 1994 and March 1995, even though the groundwater elevation increased by 0.6 feet. Perhaps the June 1995 results will show a continued downward trend. The NAZ proposal can be re-evaluated after more data are submitted.

If you have any questions, please contact me at 510-567-6761.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Kevin Graves, RWQCB
Jim Carmody, Weiss Associates, 5500 Shellmound St., Emeryville CA 94608-2411
Tom Peacock/file

je.3812

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

R0143

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 17, 1994
STID 3812

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

RE: Former Service Station
1633 Harrison St., Oakland CA 94612

Dear Mr. Miller,

We are in receipt of the 11/13/93 Groundwater Monitoring and Sampling Activities report prepared by Groundwater Technology Inc., under your cover letter dated 12/8/93. This report documents the sampling of wells in September 1993. You requested that MW-11 be discontinued from the sampling matrix, since MW-3 is in an upgradient position from MW-11, and since both wells have been ND for hydrocarbons for the past 4 quarters. This request is acceptable.

We look forward to your workplan for the installation of two additional SVE wells. If you have any questions, please contact me at 510-271-4530. 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.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Ed Howell/file

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0143

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

July 14, 1993
STID 3812

Nancy Vukelich
Chevron USA Inc.
PO Box 5004
San Ramon CA 94583

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

RE: former Chevron station
1633 Harrison St.
Oakland CA 94612

Dear Ms. Vukelich,

We are in receipt of the Quarterly Monitoring and Sampling Report, prepared by Groundwater Technology, Inc., dated 5/12/93, submitted with your cover letter dated 6/2/93. Your letter requests a suspension of sampling in 7 monitoring wells. This request is acceptable for MW5, MW6, MW8, MW12, and MW14. MW10 should continue to be monitored and sampled because it defines the edge of the plume. MW11 should continue to be monitored and sampled because it only has two consecutive quarters of non-detectable concentrations. Therefore, you may suspend sampling and monitoring in 5 of the 7 requested wells. The sampling frequency should be quarterly. If you have any questions, please contact me at 510-271-4530.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Groundwater Technology, Inc., 4057 Port Chicago Highway,
Concord CA 94520
Ed Howell/file

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0143

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

October 9, 1992

STID 3812

Chevron USA Inc.
PO Box 5004
San Ramon CA 94583
Attn: Nancy Vukelich

RE: Former Chevron Station 90020
1633 Harrison St.
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

Dear Ms. Vukelich,

We are in receipt of your letter dated 8/26/92 with attached receipt copies for a total of 49 cubic yards of soil removed from the vicinity of monitor well MW-4. However, "approximately 150 cubic yards of soils were excavated and disposed of off-site at an approved landfill," according to your letter to us dated 6/17/92. This figure (150 cubic yards) is substantiated in the 6/2/92 letter report on soil excavation activities prepared by Pacific Environmental Group, Inc. Therefore, we request that you submit the remainder of receipts for soil disposal **within 30 days or by November 9, 1992.**

In addition, we are still concerned about the VOC plume in groundwater at the site. You have "surmised that the solvents are emanating from an off-site source" in previous letters. However, further assessment of the solvent distribution pattern has not yet been performed to support your theory. The source of the VOCs in groundwater remains unknown. You are required to identify which site(s) you believe are contributing to the VOC plume, with supporting data **within 30 days or by November 9, 1992.** This is our second request for such an assessment. The first request was by letter dated 8/19/92.

If you have any questions, please contact me at 510-271-4530.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Sandra Lindsey, Groundwater Technology, Inc., 4057 Port
Chicago Highway, Concord CA 94520
Rich Hiatt, RWQCB
Ed Howell/File

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0143

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

November 4, 1992

STID 3812

Chevron USA Inc.
PO Box 5004
San Ramon CA 94583
Attn: Nancy Vukelich

RE: Former Chevron Station 90020
1633 Harrison St.
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

Dear Ms. Vukelich,

We are in receipt of the Evaluation of Chlorinated Hydrocarbon Distribution, prepared by Geraghty & Miller, Inc., dated 10/5/92, under your letter dated 10/20/92. This evaluation concluded that the Volatile Organic Compounds (VOC's) detected in groundwater beneath the Chevron site are emanating from an off-site, upgradient source. Upon a review of the data, this conclusion is hereby accepted. However, your responsibility does not end with this assessment. You must identify potential sources of the VOC contamination by name and address in order to aid our follow-up of these sites. This approach has been implemented with other Chevron sites under Kenneth Kan's purview. Please provide us with these names and addresses within 30 days or by December 4, 1992.

If you have any questions, please contact me at 510-271-4530.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Kent O'Brien, Geraghty & Miller, 1050 Marina Way South,
Richmond CA 94804
Rich Hiett, RWQCB
Ed Howell/File

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0143

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

August 19, 1992

STID 3812

Chevron USA Inc.
PO Box 5004
San Ramon CA 94583
Attn: Nancy Vukelich

RE: Former Chevron Station 90020
1633 Harrison St.
Oakland CA 94612

Dear Ms. Vukelich,

We are in receipt of your letter dated 8/4/92 which requests a reduction in groundwater sampling frequency from quarterly to annual for eight monitoring wells. These wells have contained concentrations of volatile organic compounds (VOCs) as recently as June 1992. You have "surmised that the solvents are emanating from an off-site source" in previous letters. However, further assessment of the solvent distribution pattern has not yet been performed to support your theory. The source of the VOCs in groundwater remains unknown. Therefore, we request that you submit a workplan for a site assessment regarding the VOC plumes in groundwater within 45 days or by October 4, 1992.

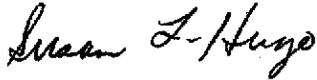
We regret to deny your request for a reduction in sampling frequency. You must continue quarterly groundwater monitoring due to 1) VOC contamination, and 2) hydrocarbon (HC) contamination. As regards HCs in groundwater, you must show 4 consecutive quarters of non-detectable concentrations. Some of the wells have contained non-detectable concentrations for 2 consecutive quarters (MW-4, MW-14), and some for 3 consecutive quarters (MW-1, MW-3, MW-5, MW-6, MW-8, and MW-11).

We have also received the Soil Remediation Work Plan for Installation of a Soil Vapor Extraction System, prepared by Geraghty & Miller, Inc., dated 8/4/92. This work plan is approved; please submit quarterly progress reports including sampling results to this office.

Nancy Vukelich
STID 3812
Page 2 of 2
August 19, 1992

If you have any questions, please contact Jennifer Eberle at 510-271-4320.

Sincerely,



Susan Hugo
Senior Hazardous Materials Specialist

cc: Sandra L. Lindsey, Groundwater Technology, Inc., 4057 Port
Chicago Highway, Concord CA 94520
Rich Hiatt, RWQCB
File

je 3812-A

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

R0143

RAFAT A. SHAHID, Assistant Agency Director

July 21, 1992

STID 3812

Chevron USA Inc.
PO Box 5004
San Ramon CA 94583
Attn: Nancy Vukelich

RE: Former Chevron Station 90020
1633 Harrison St.
Oakland CA 94612

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

Dear Ms. Vukelich,

We are in receipt of your letter dated 7/13/92 which includes an addendum to the "Work Plan for Soil and Groundwater Assessment," prepared by Groundwater Technology, Inc., dated 6/17/92. We concur with this addendum to the Work Plan.

In addition, we request that you submit documentation of soil disposal from the overexcavation of soils in the vicinity of MW-4, as per your letter dated 6/17/92. Some soils with elevated levels of petroleum hydrocarbons were apparently left in place, as per the report by Pacific Environmental Group, Inc., dated 6/2/92. Specifically, soils with 310 ppm TPH-gasoline and 270 ppm TPH-diesel remain in the vicinity of MW-4. [Please note that there are errors for SP3 in Table 1 of the 6/2/92 report. TPH-diesel should read 71 ppm, toluene should read ND, ethylbenzene should read 0.014 ppm, and xylenes should read 0.025 ppm.] Therefore, we request that you submit a proposal for the delineation and remediation of affected soils.

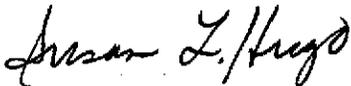
As per your letter dated 3/20/92, a soil vapor extraction pilot test had been performed in the vicinity of MW-7, which contained 5200 ppb TPH-gasoline and 520 ppb benzene during the 2/20/92 sampling. Please submit the results of this pilot test to our office, as you indicated you would in the 3/20/92 letter, within 20 days from the date of this letter, or by August 10, 1992.

The last groundwater sampling event for which you submitted results to our office was 2/20/92. Please submit the next sequential quarterly report to this office within 20 days from the date of this letter, or by August 10, 1992.

Nancy Vukelich
STID 3812
Page 2 of 2
July 21, 1992

If you have any questions, please contact Jennifer Eberle at 510-271-4320.

Sincerely,



Susan Hugo
Senior Hazardous Materials Specialist

cc: Sandra L. Lindsey, Groundwater Technology, Inc., 4057 Port
Chicago Highway, Concord CA 94520
Rich Hiatt, RWQCB
File

je

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0143

November 5, 1990

Ms. Nancy Vukelich
Chevron USA
2410 Camino Ramon
San Ramon, CA 94583-0804

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

**RE: Former Chevron #9-0020, 1633 Harrison Street, Oakland
94612**

Dear Ms. Vukelich:

In reviewing the latest Quarterly Groundwater Sampling report dated September 28, 1990 it became apparent that an attempt is being conducted at delineating the extent of contamination of both petroleum and chlorinated products in the groundwater at the above site.

Contamination levels (11,000 ppb of Total Petroleum Hydrocarbons (TPH) and 81 ppb Tetrachloroethane (PCE)) have been detected in groundwater. Given these levels the need for the implementation of a remediation system has been clearly established. Taking into consideration your desire to define the lateral and vertical extent of contamination at this site and also to understand the hydraulic regime, we request that you specify a time line for the completion of groundwater monitoring well installation, contamination plume definition, and for the installation of a remedial recovery system.

Information defining specific surface or subsurface contamination sources particularly for chlorinated solvents is requested.

You are also requested to submit a proposal specifying the type of remediation system to be chosen in dealing with the contamination at this site. Please respond to the above requests within 30 days of the receipt of this letter.

If you have any questions I can be reached at (415) 271-4320.

Sincerely,

Paul M. Smith
Hazardous Materials Specialist

cc:
Gil Jensen, Alameda County District Attorneys Office
Lester Feldman, SFRWQCB
Howard Hatayama, DHS
Leonard P. Niles, Western Geologic Resources
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0143

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)Ms. Nancy Vukelich
Chevron U.S.A., Inc.
2410 Camino Ramon
San Ramon, CA 94583

September 4, 1990

RE: Site Remediation at Former Chevron #9-0020,
17th & Harrison Street, Oakland, CA 94612

Dear Ms. Vukelich,

Our office has been receiving Quarterly Groundwater Sampling reports pertaining to the above location. The most recent one is dated May 4th, 1990 prepared by Western Geologic Resources which included water contamination data.

The San Francisco Regional Water Quality Control Board (SFRWQCB) is currently unable to oversee the large number of underground tank cases within Alameda County and has delegated the handling of this case to our Division. This office is now the lead agency for overseeing the investigation of this site.

The following concerns need to be addressed relating to the cleanup of this site :

The need to submit a workplan to this office for approval prior to the implementation of remediation at this site.

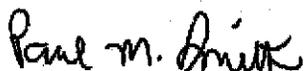
We request the submission of a proposed time schedule for the installation of the additional groundwater wells, the assessment of the lateral and vertical extent of the contamination, and the development of a remediation plan to address the contamination at the above site.

Please remit a deposit of \$ 600.00 to cover the cost of overseeing the work performed at this site. This deposit is authorized by Section 3-141.6 of the Ordinance Code of the County of Alameda and is used to cover expenses incurred by Alameda County personnel in the carrying out their oversight duties associated with this project. Records are maintained of the time County employees commit to a project and the project is charged at an hourly rate. Upon completion of this project the balance of this project will be returned to you.

Ms. Vukelich
September 4, 1990
Page 2 of 2

Please submit the above requests within 30 days of the receipt of this letter.
If you have any questions please contact me at (415) 271-4320.

Sincerely,



Paul M. Smith
Hazardous Materials Specialist

cc:

Gil Jensen, Alameda County District Attorney's Office of
Environmental and Consumer Protection
Lester Feldman, RWQCB
Kenneth Leonard, Western Geologic Resources, Inc.