

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT
8-19-05

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

August 18, 2005

Mr. Mark Inglis
Chevron Environmental Management Co.
6001 Bollinger Canyon Rd., Room K2256
San Ramon, CA 94583-2324

Mr. Peter Iwate
Kansai Development Inc.
755 Sansome St.
San Francisco, CA 94111

Dear Messrs. Inglis and Iwate:

Subject: Fuel Leak Site RO0000290, 301 14th St., Oakland, CA 94612

Alameda County Environmental Health has received Water Board concurrence for closure of the subject underground tank site. Prior to issuing closure, we require that you properly destroy all wells, monitoring or remediation, at this site. Please contact the Alameda County Public Works Agency at (510) 670-6633 for specific requirements and send our office a copy of the well destruction report.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: files, D. Drogos
Mr. D. Wong, ICES, P.O. Box 99288, Emeryville, CA, 94662-9288

Wlclrq301 14th St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



EW
01-06-05

January 5, 2005

Mr. Joseph Hernon
301 14th Street Associates LLC
795 Folsom Street, 1st Floor
San Francisco, CA 94107

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

Dear Mr. Hernon:

Subject: Fuel Leak Case RO0000290, Chevron Service Station #9-4816,
301 14th St., Oakland, CA 94612

Alameda County Environmental Health (ACEH) staff has recently reviewed the case file for the subject site including the December 10, 2004 Site Mitigation Plan (SMP) prepared by Innovative & Creative Environmental Solutions (ICES). As you are aware, ICES was contracted by Kansai Development Inc., (Kansai), the purchaser of this site to complete site mitigation and expedite site closure. We understand that residential housing is proposed as the future use at this site. The SMP proposes to excavate residual "hot spot" soil contamination and remove petroleum- contaminated groundwater to below residential clean up levels. In addition, post remediation soil and groundwater samples will be collected in areas formerly impacted by gasoline. We concur with the SMP provided the following technical comments are adequately addressed.

TECHNICAL COMMENTS

1. Soil samples from the excavation are proposed for every 25 linear foot along the sidewalls and approximately every 225 square feet from the base of the excavation. The excavation sidewalls will be sampled at 5 foot intervals, every change in lithology and at any evidence of contamination as indicated visually or by PID reading. Samples will be analyzed for TPHg, BTEX, MTBE, ether oxygenates and lead scavengers (EDB and EDC) by EPA 5030/GDFID and EPA 8260. Soil and groundwater will be removed, as possible, to below environmental screening levels, (ESLs).
2. Post-remediation soil and groundwater samples will be collected in the seven areas proposed in the ICES January 5, 2005 Addendum I to the SMP. Soil samples will be generally collected at 20-22' bgs, where contamination was formerly found and at locations indicating contamination. These borings should be screened and analyzed similar to those from the excavation. Your groundwater sample should be collected from a slotted casing placed in the boring with an exposed screen interval of no longer than 4'.
3. Any well that will be damaged or destroyed during the excavation must be properly decommissioned under permit from Alameda County Public Works agency.

January 5, 2005
Mr. Joseph Hernon
RO0000290, 301 14th St., Oakland, CA 94612
Page 2

4. Your investigation report should be submitted following the schedule below. Your report should include data interpretation and recommendations including the potential collection of soil gas samples, if warranted. Please notify our office with 72 hours advance written notification (e mail preferred) prior to field work and sampling.

TECHNICAL REPORT REQUEST

- 90 days after approval of work plan- Soil and groundwater investigation report should be submitted to our office.

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.

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.

Please call me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

January 5, 2005
Mr. Joseph Hernon
RO0000290, 301 14th St., Oakland, CA 94612
Page 3

C: B. Chan, D. Drogos
Mr. Peter Iwate, Mountain Bay Construction Inc., 755 Sansome St., San Francisco,
CA 94111
Mr. Peng Leong, ICES, P.O. Box 99288, Emeryville, CA 94662-9288
Ms. Karen Streich, ChevronTexaco, 6001 Bollinger Canyon Rd, L2256 , P.O. Box
6012, San Ramon, CA 94583-2324

1_5_05 301 14th St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



9-4-02

RO0000290

September 3, 2002

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

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

RE: Former Chevron 9-4816 at 301 14th Street, Oakland, CA

Dear Ms. Streich:

I have completed review of Gettler Ryan Inc.'s July 2002 *Groundwater Monitoring and Sampling Report* prepared for the above referenced site. Groundwater monitoring wells were sampled in June 2002. Groundwater from well C-3 contains benzene (11,000 ug/l) at levels that exceed the calculated ASTM/RBCA SSTLs (2,600 ug/l) for the site.

For the next sampling event, please analyze groundwater for ethanol, other ether oxygenates, EDB and 1,2-DCA. Also, prepare geologic cross-sections that include residual soil TPH and benzene concentrations, conduits, well screen interval, former tank locations, etc.

Lastly, do you have plans to remediate elevated TPH and benzene in well C-3? If so, please provide a workplan detailing remediation technology of choice.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

email: James Brownell (Delta Environmental)
Deanna Harding (Gettler Ryan)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SEST 10-8-99

P0270

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

October 7, 1999
StID # 5552

Mr. Ronn Simpson
P.O. Box 3090
Berkeley, CA 94703

Re: Proposed Over-excavation and ORC Addition for 489 43rd St., Oakland CA 94609

Dear Mr. Simpson:

Our office has received and reviewed the October 1, 1999 Weiss Associates work plan for the over-excavation and subsequent addition of ORC (oxygen releasing compound) into the former underground tank at the above referenced site. These actions are meant to remove contaminated soils from the pit and increase the oxygen concentration in groundwater. The addition of ORC will supplement the ORC injections performed by Walter Blumert site at 490 43rd St.

This work plan is approved with the following conditions:

- Please insure that the excavation does compromise the recently installed Walter Blumert well, MW-4, located near the former tank pit.
- The sidewall samples collected after over-excavation should be taken above groundwater and analyzed for TPH as gasoline, TPH as diesel and TPH as mineral spirits, BTEX and MTBE.
- Please schedule the monitoring well installation either prior or concurrent to this work.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Ms. M. Chamberlin, Weiss Associates, 5801 Christie Ave., Suite 600, Emeryville, CA 94608
Mr. J. Ward, Wells Fargo Trust, P.O. Box 63939, San Francisco, CA 94163

2wpap489 43rd

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Ro# 290

January 14, 1998
STID 478

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

re: former Chevron sta. 9-4816, 301 - 14th St., Oakland, CA 94612

Dear Mr. Briggs:

This office has received and reviewed a Second Quarter Groundwater Monitoring Report, dated August 4, 1997, by Blaine Tech Services, Inc., and your cover letter and comments dated August 6, 1997, for the above site. The following are comments concerning this reports:

The Residual Management Plan has been acceptable. The sampling schedule is acceptable.

This site will be overseen by Pam Evans, who you may call with any questions at (510) 567-6770.

Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: Tony Dahl, Terra Vac, 1651 Alvarado St., San Leandro, CA
94577-2636
Joyce Massaro, 233 Polhemus Ave., Atherton, CA 94027
Francis Thie, Blaine Tech Svs, 1680 Rogers Ave., San Jose,
CA 95112
Dick Pantages, Chief - files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0290

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

June 29, 1998

STID 478

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

re: former Chevron sta. 9-4816, 301 - 14th St., Oakland, CA 94612

Dear Mr. Briggs:

This office has received and reviewed a Fourth Quarter Groundwater Monitoring Report, dated February 11, 1998, by Blaine Tech Services, Inc., and your cover letter and comments dated February 13, 1998, for the above site. The following are comments concerning this report:

1. You mention that the benzene concentration was above the average concentration listed as a threshold limit in the RMP approved for this site. You say that the wells are to be resampled within 15 days and yet this office has not received a subsequent report of such resampling. Furthermore, a first quarter report for 1998 would also be due for this site.
2. You requested that the site be resampled in February and this office should have received a report by now.
3. At this time it seems we will also be getting a second quarter sampling report as well, as it is almost the third quarter.

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

Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: LeRoy Griffin, City of Oakland Hazardous Materials
Joyce Massaro, 233 Polhemus Ave., Atherton, CA 94027
Francis Thie, Blaine Tech Svs, 1680 Rogers Ave., San Jose,
CA 95112
Dick Pantages, Chief - files- Tom

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 290

July 15, 1997
STID 478
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 Service Station 9-4816, 301-14th St., Oakland CA 94612

Dear Mr. Briggs,

This letter is being sent to expound on the 6/27/97 letter signed by Dale Klettke of this office (while I was on vacation). This office has received and reviewed the following documents:

- 1) "Final Remediation Status Report and Request for no Further Action" report, prepared by Terra Vac (TV), dated 11/14/96;
- 2) Revised (draft and unsigned) "Final Remediation Status Report and Request for no Further Action" report, prepared by Terra Vac (TV), dated 3/25/97;
- 3) letter from TV dated 4/11/97 (notice of termination of air sparging operations); and
- 4) "Residual Management Plan," prepared by TV, dated 6/10/97.

Items #1, 2, and 4 document the use of Risk-Based Corrective Action (RBCA) to evaluate the risk of leaving residual concentrations of contaminants onsite. A Tier 2 risk assessment was conducted for this site. The risk assessment evaluated benzene as the single chemical of concern via the "groundwater to indoor air inhalation" pathway. The Site Specific Target Level (SSTL) was calculated as 2,600 ppb benzene in onsite groundwater. A commercial use scenario was used. [The soil pathway was evaluated and found to not pose a problem.]

The risk assessment with revisions is approved. No further active remediation is warranted. The groundwater at the site will continue to be monitored and sampled to ensure that passive bioremediation or natural attenuation is occurring. The sampling schedule is as follows: semi-annual sampling for the next 3 years for wells C-1, C-2, C-3, and CR-1; and annual sampling for the next 3 years for wells C-4 through C-9, MW-10, and MW-11. As per the 6/10/97 "Residual Management Plan," if the average concentration of the onsite wells exceed the SSTL (2,600 ppb benzene) during any sampling event, this office should be notified within 30 days of the sampling event, the well(s) will be resampled within 15 days of the sampling event.

July 15, 1997
STID 478
page 2 of 2
Phil Briggs

and the case will be reevaluated if necessary. However, if biodegradation is verified and threshold limits are not reached over the next 3 years, the wells will be destroyed and the case closure process will ensue.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist



Madhulla Logan
Hazardous Materials Specialist

cc: Tony Dahl, Terra Vac, 1651 Alvarado St., San Leandro CA 94577-2636
Joyce Massaro, 233 Polhemus Ave., Atherton CA 94027
J. Eberle/file

je.478-E

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 290

June 27, 1997
STID 478

Phil Briggs
Chevron USA Inc.
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: former Chevron Service Station 9-4816, 301-14th St., Oakland CA 94612

Dear Mr. Briggs,

This office is in receipt of and has reviewed the following documents:

- 1) "Final Remediation Status Report and Request for No Further Action" report, prepared by Terra Vac (TV), dated 11/14/96;
- 2) "No Further Action Requests-draft addendums/revisions" report, prepared by Terra Vac (TV), dated 3/26/97;
- 3) "1st Quarter 1997 Monitoring at 9-4816" report, prepared by Blaine Tech Services (BTS), under cover letter from Chevron dated 5/17/97;
- 4) "Residual Management Plan," prepared by Terra Vac (TV), dated 6/10/97;

In the cover letter dated May 17, 1997 Chevron requested that monitoring wells C-4, C-6, C-7, C-8, C-9, MW-10 and MW-11 be monitored annually, and wells C-1 and C-2 be monitored quarterly. However, information submitted with the March 25, 1997 addendum/revisions to the November 14, 1996 Terra Vac report, states that semi-annual groundwater monitoring of wells C-1 through C-3 and CR-1 would be performed for the first three years. In addition, wells C-4 through C-9, MW-10 and MW-11 would be sampled and monitored quarterly for the first year and annually thereafter. **This revised sampling schedule is approved, as shown in Table 2 of the Terra Vac March 25, 1997 addendum/revision report.** A copy of Table 2 is enclosed for your review.

In addition, as per the proposed monitoring plan, if the average concentration of the onsite wells exceed the SSTL during a sampling event, the ACHCSA will be notified, the well(s) will be resampled and the site reevaluated if necessary.

If you have any questions, please feel free to contact me directly at 510-567-6761. I look forward to hearing from you soon.

June 27, 1997
STID 478
Phil Briggs
Page 2 of 2

Sincerely,

A handwritten signature in cursive script, appearing to read "Dale Klettke". The signature is written in black ink and is positioned above the typed name.

Dale Klettke (for Jennifer Eberle)
Hazardous Materials Specialist

enclosure

c: Mark Frye, Terra Vac, 14798 Wicks Blvd., San Leandro CA 94577
Joyce Massaro, c/o Beth Castleberry, Ware & Freidenrich, 400 Hamilton Ave., Palo Alto
CA 94301-1825
Francis Thie, c/o Blaine Tech Services, Inc. 1680 Rogers Avenue, San Jose, CA 95112
Jennifer Eberle--files

je.478-D

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



20290

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

July 8, 1996
STID 478

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

RE: former Chevron Service Station 9-4816, 301-14th St., Oakland CA 94612

Dear Mr. Briggs,

Since my last letter to Chevron (Mark Miller), dated 8/17/95, the following documents have been received in this office:

- 1) "2nd Quarter 1995 Monitoring at 9-4816" report, prepared by Blaine Tech Services (BTS), under cover letter from Chevron dated 8/10/95;
- 2) "Drilling Report," prepared by Terra Vac (TV), dated 8/31/95;
- 3) "System Startup Report," prepared by TV, dated 10/20/95, under cover letter from Chevron dated 11/18/95;
- 4) "3rd Quarter 1995 Monitoring at 9-4816" report, prepared by BTS, dated 10/24/95, under cover letter from Chevron dated 11/18/95;
- 5) letter from TV dated 12/18/95;
- 6) "Drilling Report," prepared by Terra Vac (TV), dated 11/7/95, under cover letter from Chevron dated 12/26/95;
- 7) fax from Chevron, dated 12/12/95, with Project Status update for December 1995;
- 8) Project Status updates for January 1996 and February 1996;
- 9) "Interim Soil Boring Installation Report," prepared by TV, dated 1/16/96, under cover letter from Chevron dated 2/13/96; and
- 10) "4th Quarter 1995 Monitoring at 9-4816" report, prepared by BTS, dated 1/25/96, under cover letter from Chevron dated 2/16/96.

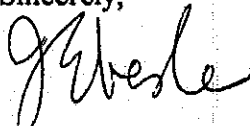
July 8, 1996
STID 478
Phil Briggs
page 2 of 2

This letter is being written to notify you of the correspondence received, and to notify you that the quarterly reports and Project Status updates are overdue. As per a telecon with your consultant Mark Frye today, he indicated that the last quarterly monitoring event occurred in late June. Mr. Frye also indicated that the June 1996 event represents the first sampling event since the DVE system ceased and air sparging operated as the only remediation method employed at the site.

Mr. Frye also indicated that he had submitted monthly Project Status updates to you through May, and he thought you would be arranging a meeting with me for June to discuss the progress of the remediation systems employed by Terra Vac. This was to be an informal meeting to discuss the future of this site, prior to presenting a formal report. I think is a good idea, and would give me a chance to meet the both of you in person for the first time. It would be best schedule the meeting for late July, when we are sure to have the results of the 2nd quarter. Perhaps you would like to include the property owner as well.

Please contact me directly at 510-567-6761 so that we may arrange a meeting. I look forward to hearing from you soon.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Mark Frye, Terra Vac, 14798 Wicks Blvd., San Leandro CA 94577
Joyce Massaro, c/o Beth Castleberry, Ware & Freidenrich, 400 Hamilton Ave., Palo Alto
CA 94301-1825
Acting Chief/file

je.478-D

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0290

RAFAT A. SHAHID, Director

August 17, 1995
STID 478

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

DEPARTMENT OF ENVIRONMENTAL HEALTH
Environmental Protection Division
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577
(510) 567-6700

RE: former Chevron Service Station 9-4816, 301-14th St., Oakland CA 94612

Dear Mr. Miller,

I have received and reviewed your letter dated 8/7/95, and Terra Vac's letter dated 7/28/95. This letter was written to clarify the comments made in my letter dated 6/1/95. As per our telecon today, we are in general agreement on all three items in Terra Vac's 7/28/95. We discussed the following clarifications concerning the three items, in the same order:

- 1) If DVE removal rates are less than 50 pounds per day, and if significant lighter end hydrocarbon constituents still exist, then the DVE system will continue until the lighter end hydrocarbon constituents exhibit a significant decrease.
- 2) Yes, the interim borings will be accepted as confirmatory borings if the concentrations encountered therein are <100 ppm TPH and <1 ppm benzene. However, these borings will be converted into vapor extraction wells and added to the DVE system to supplement extraction, as per page 6 of Terra Vac's 3/28/95 workplan.
- 3) Yes, the American Petroleum Institute Decision Support System (APIDSS) Exposure/Risk Assessment model and the ASTM Emergency Standard, Risk-Based Corrective Action (RBCA) document are both valid sources for the Risk Assessment.

If you have any questions, please contact me at 510-567-6700, ext 6761. **Your consultant is encouraged to submit reports on double-sided paper in order to save precious trees.**

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

Ravi Arulanatham
Staff Toxicologist

cc: Tim Warner, Terra Vac, 14798 Wicks Blvd., San Leandro CA 94577
Joyce Massaro, c/o Beth Castleberry, Ware & Freidenrich, 400 Hamilton Ave., Palo Alto
CA 94301-1825

Leroy Todd/file

je.478-C

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0290

RAFAT A. SHAHID, DIRECTOR

May 31, 1995
STID 478

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

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

RE: former Chevron Service Station 9-4816, 301-14th St., Oakland CA 94612

Dear Mr. Miller,

Since my last letter to you dated 2/9/95, the following documents have been received in this office:

- a) Fourth Quarter 1994 Groundwater Monitoring report, dated 1/2/94, by Blaine Tech Services (BTS), under your cover letter dated 2/6/95.
- b) Your letter dated 3/1/95, requesting extension of workplan submittal deadline.
- c) Your fax dated 4/3/95: "Discharge Compliance Report, August 1 through October 31, 1994," prepared by Weiss Associates, dated 11/29/94.
- d) Fax from BTS, dated 4/12/95: lab reports for 3/29/95 quarterly groundwater sampling.

In addition, I have received and reviewed the "Addendum Remediation Work Plan," prepared by Terra Vac, dated 3/28/95. As you know, this workplan involves dual vacuum extraction (DVE) and subsequent air sparging. A meeting was conducted in this office on 5/19/95, to discuss this workplan. Attendees included the property owner (Joyce Massaro), Tim Warner of Terra Vac, yourself, and myself. **The work plan is acceptable with the following clarifications and conditions:**


- 1) The DVE is intended to remediate onsite vadose zone soils to 100 ppm TPH and 1 ppm benzene.
- 2) DVE will be replaced by air sparging when vapor removal is such that asymptotic curves exist, indicating a decrease in the lighter HC constituents, and an increase in the heavier HC constituents over time.
- 3) The interim borings (page 6) and the confirmatory borings (page 7) may be the same boring in cases where ND concentrations are encountered. A proposal for these borings will be submitted to this office for approval prior to boring installation.

May 31, 1995
STID 478
Mark Miller
page 2 of 2

- 4) Cessation of air sparging will be predicated on concurrence by this office. At this point, a Management Plan will be submitted to this office, and will include the items specified in Task 9 (page 8). Passive remediation will eventually be acceptable providing the groundwater contamination plume is completely delineated, and does not migrate beyond the monitoring network, and contamination does not adversely affect beneficial uses of the groundwater. The frequency and termination of groundwater monitoring and sampling will also be predicated on concurrence by this office.
- 5) The efficacy of the remediation will be monitored during both the DVE and air sparging phases of remediation. This will occur as explained during our 5/19/95 meeting, as follows: to assess the relative rate of hydrocarbon destruction, CO₂ will be monitored at DVE startup and during DVE operation, as per the AQMD permit, from the system inlet. The pounds of hydrocarbons removed per day via DVE will be calculated. Oxygen Uptake Recovery (OUR) tests will be conducted during air sparging. The OUR test will determine the amount of hydrocarbons removed (in ppm) during air sparging.

If you have any questions, please contact me at 510-567-6700, ext 6761. **Your consultant is encouraged to submit reports on double-sided paper in order to save precious trees.**

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Joyce Massaro, c/o Beth Castleberry, Ware & Freidenrich, 400 Hamilton Ave., Palo Alto
CA 94301-1825
Tim Warner, Terra Vac, 14798 Wicks Blvd., San Leandro CA 94577
Mee Ling Tung/file

je.478-B

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RO 290

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 9, 1995
STID 478

Attn: 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: former Chevron station #9-4816, 301-14th St., Oakland CA
94612

Dear Mr. Miller,

Since my last letter dated 3/1/94, I have received the following documents:

- 1) "Groundwater Monitoring and Sampling Activities," report prepared by Groundwater Technology, Inc. (GTI), dated 4/15/94. This report documented the sampling event for 3/9/94.
- 2) Subsurface Investigation report, prepared by Sierra Environmental, dated 6/23/94. This report documented the installation of two soil borings, completed as groundwater monitoring well MW-11 and vapor extraction well MW-12.
- 3) "Bi-Monthly Progress Report," prepared by Weiss Associates, dated 4/12/94. This report documents the status of the soil vapor extraction and treatment system from 2/1/94 to 3/31/94.
- 4) "Bi-Monthly Progress Report," prepared by Weiss Associates, dated 4/12/94. This report documents the status of the soil vapor extraction and treatment system during April and May 1994.
- 5) "Groundwater Monitoring and Sampling Activities," report prepared by GTI, dated 7/15/94. This report documented the sampling event for 6/17/94.
- 6) A fax from Weiss, dated 11/16/94: tabulation of groundwater extraction system data.
- 7) "Groundwater Monitoring and Sampling Activities," report prepared by GTI, dated 11/11/94. This report documented the sampling event for September 1994.

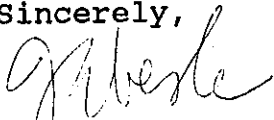
February 9, 1995
STID 478
Attn: Mark Miller
page 2 of 2

The soil vapor extraction and treatment system ceased operation in August 1994. However, groundwater extraction and treatment continues to date. During our telephone conversation of 11/15/94, you indicated that you hoped to continue soil vapor extraction and treatment via a thermal unit. During our telephone conversation of 12/12/94, you indicated that you were in the process of getting bids from consultants, and expected to submit a workplan to this office within a month or two. During our telephone conversation of 1/4/95, you indicated that you actually sent the project out to bid in late December, and the bid proposals were expected by the end of January.

This office is concerned with the cessation of soil/soil vapor treatment, and the lengthy delays (since August 1994), in determining the next course of treatment. I understand that none of the seven consultants have yet responded with their bid proposals. This is per our telephone conversation of today, when you also indicated that you provided a new deadline for bid proposals: February 21, 1995. You are hereby requested to submit a remediation workplan within 30 days, or by March 9, 1995.

Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267(b). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or the RWQCB.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Attn: Beth Castleberry, Ware & Freidenrich, 400 Hamilton
Ave., Palo Alto CA 94301-1825
Ed Howell/file

je.478-A

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

R0290

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 1, 1994
STID 478

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

Nancy Vukelich
Chevron USA
PO Box 5004
San Ramon CA 94583-0804

RE: former Chevron station
301-14th St.
Oakland CA 94612

Dear Ms. Vukelich,

We are in receipt of the 2/24/94 "Hydraulic Test Results," prepared by Weiss Associates, submitted under your cover letter dated 2/23/94. As you know, these are the results of the hydraulic tests which were conducted on wells CR-1 and VEW-3. Weiss concludes that wells CR-1, C-5 and VEW-3 "should be sufficient to achieve plume capture." Well C-5 will be reconstructed as an extraction well and also used for groundwater extraction.

The hydraulic test results are to be used in conjunction with the 11/2/93 "GWE System Installation Work Plan," also prepared by Weiss Associates.

The workplan is acceptable for implementation. 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.

We are also in receipt of the 2/8/94 "BiMonthly Progress Report" for the SVE system, prepared by Weiss, submitted under your cover letter dated 2/14/94. Lastly, we are in receipt of the 1/28/94 "Quarterly Report" prepared by Groundwater Technology Inc., submitted under your cover letter dated 2/15/94.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Janet Macdonald, Weiss Associates, 5500 Shellmound St.,
Emeryville CA 94608
John McCarthy, Groundwater Technology Inc., 4057 Port
Chicago Hwy, Concord CA 94520
Attn: Beth Castleberry, Ware & Freidenrich, 400 Hamilton
Ave., Palo Alto CA 94301-1825
Ed Howell/file je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0290

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 16, 1994
STID 478

Nancy Vukelich
Chevron USA
PO Box 5004
San Ramon CA 94583-0804

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
301-14th St.
Oakland CA 94612

Dear Ms. Vukelich,

We are in receipt of the 1/27/94 "Work Plan for Additional Site Assessment," prepared by Groundwater Technology Inc. As you know, this workplan involves the installation of one downgradient, offsite groundwater monitoring well. The workplan is acceptable for implementation. 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,

A handwritten signature in cursive script, appearing to read 'J. Eberle'.

Jennifer Eberle
Hazardous Materials Specialist

cc: John McCarthy, Groundwater Technology Inc., 4057 Port
Chicago Hwy, Concord CA 94520
Attn: Beth Castleberry, Ware & Freidenrich, 400 Hamilton
Ave., Palo Alto CA 94301-1825
Ed Howell/file

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0290

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 31, 1992

STID 478

Chevron USA Inc.
PO Box 5004
San Ramon CA 94583-0804
Attn: Nancy Vukelich

RE: Former Service Station 94816
301-14th St.
Oakland CA 94612

Dear Ms. Vukelich,

We are in receipt of the following documents: the Bimonthly Progress Report by Weiss Associates dated 6/1/92, the Quarterly Ground Water Monitoring Report by Alton Geoscience dated 5/8/92, and the Environmental Assessment Report by Groundwater Technology Inc. dated 8/3/92.

As you are aware, a soil vapor extraction system has been operating at this site since March 1992. Three new borings were advanced in June 1992; two of these borings were completed as vapor extraction wells (VEW-1 and VEW-2). The third boring was completed as off-site groundwater monitoring well MW-10; this well was installed to delineate the extent of the groundwater hydrocarbon plume.

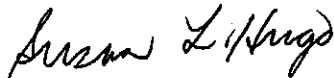
Groundwater flow direction appears to have been south at the site in November 1991 and February 1992 (Alton Geoscience, 12/19/91 and 3/11/92). Therefore, it seems that MW-10 was originally intended to delineate the downgradient extent of the plume. However, groundwater flow direction in May 1992 appears to have been unclear due to apparent groundwater mounding near C-1 (Alton Geoscience, 5/8/92). Likewise, groundwater flow direction in June 1992 appears to have been unclear (or possibly north) due to apparent groundwater mounding near C-3 and/or MW-10.

Therefore, we request monthly groundwater elevation measurements for the next consecutive twelve months to determine the hydrology at the site. This information will be an aid in understanding whether MW-10 is actually downgradient of the site, as well as the most effective way to remediate the groundwater.

Nancy Vukelich
STID 478
Page 2 of 2
August 31, 1992

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

Sincerely,



Susan Hugo
Senior Hazardous Materials Specialist

cc: Robert Logan, Alton Geoscience, 5870 Stoneridge Dr., Suite
6, Pleasanton CA 94588
Sandra Lindsey, Groundwater Technology, Inc., 4057 Port
Chicago Hwy, Concord CA 94520
Rich Hiett, RWQCB
Ed Howell/File

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0290

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 31, 1992

STID 478

Chevron USA Inc.
PO Box 5004
San Ramon CA 94583-0804
Attn: Nancy Vukelich

RE: Former Service Station 94816
301-14th St.
Oakland CA 94612

Dear Ms. Vukelich,

We are in receipt of the following documents: the Bimonthly Progress Report by Weiss Associates dated 6/1/92, the Quarterly Ground Water Monitoring Report by Alton Geoscience dated 5/8/92, and the Environmental Assessment Report by Groundwater Technology Inc. dated 8/3/92.

As you are aware, a soil vapor extraction system has been operating at this site since March 1992. Three new borings were advanced in June 1992; two of these borings were completed as vapor extraction wells (VEW-1 and VEW-2). The third boring was completed as off-site groundwater monitoring well MW-10; this well was installed to delineate the extent of the groundwater hydrocarbon plume.

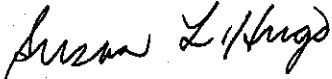
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Therefore, we request monthly groundwater elevation measurements for the next consecutive twelve months to determine the hydrology at the site. This information will be an aid in understanding whether MW-10 is actually downgradient of the site, as well as the most effective way to remediate the groundwater.

Nancy Vukelich
STID 478
Page 2 of 2
August 31, 1992

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

Sincerely,



Susan Hugo
Senior Hazardous Materials Specialist

cc: Robert Logan, Alton Geoscience, 5870 Stoneridge Dr., Suite
6, Pleasanton CA 94588
Sandra Lindsey, Groundwater Technology, Inc., 4057 Port
Chicago Hwy, Concord CA 94520
Rich Hiatt, RWQCB
Ed Howell/File

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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0290

RAFAT A. SHAHID, Assistant Agency Director

May 8, 1992

STID #478

Chevron USA
PO Box 5004
San Ramon CA 94583-0804
Attn: Nancy Vukelich

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

RE: Former Chevron Service Station #9-4816
301-14th St.
Oakland CA 94612

Dear Ms. Vukelich,

The case file for the above referenced site has recently been reviewed by our staff. The case has been reassigned to Jennifer Eberle, Hazardous Materials Specialist. Please mail future correspondence to her attention.

We are in receipt of your letter dated 4/30/92 and the attached work plan by Groundwater Technology, Inc., in which you propose one additional groundwater monitoring well in the downgradient direction. This plan is hereby approved with the understanding that if the data generated by this well is not sufficient, additional wells may be needed to delineate the groundwater plume.

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

Sincerely,

A handwritten signature in cursive script that reads "Susan L. Hugo".

Susan Hugo
Senior Hazardous Materials Specialist

cc: Sandra Lindsey, (Groundwater Technology, Inc., 4057 Port
Chicago Hwy, Concord CA 94520)
Rich Hiatt, RWQCB

je

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0302

✓ R0290

RAFAT A. SHAHID, Assistant Agency Director

February 25, 1991

Ms. Nancy Vukelich
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

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

**Re: Site Remediation at Former Chevron Service Station #
9-4816 at 301 14th Street, Oakland, CA 94612**

Dear Ms. Vukelich,

Alameda County Environmental Health Division, Hazardous Materials Division is in receipt of the Corrective Action Work Plan, dated February 10, 1991, prepared by Weiss Associates (Weiss).

The work plan proposes the installation of a vapor extraction system (VES) to remediate hydrocarbon contamination in soil and ground water beneath the site.

Recent free product measurement from four of the ten wells associated with the subject site indicate levels of .48 inches in monitoring well (mw) C-2, 29.52 inches in C-3, 27.48 inches in C-5 and 29.16 inches in CR-1 from measurements taken November 5, 1991.

Although weekly free product removal has occurred in each of the wells since December 19, 1991 there is some question that the installation of a VES system utilizing 2 extraction points would adequately deal with the significant ground water problem associated with the site. After review of the proposal it appears that, in addition to the proposed VES, direct removal of free product utilizing free product recovery pumps/ skimmers in all wells containing free product must occur. This Department feels this additional measure must be implemented as opposed to the indirect VES which you are currently proposing, unless you can provide a compelling argument that this system is not necessary.

Prior to work plan approval you are requested to address the following concerns:

- 1) Provide a schematic of the VES and ground water extraction/treatment system detailing the size and equipment type including piping size, extraction pump/ flow rates and pollutant capture zones etc.
- 2) Provide a rationale to substantiate the selection of the preferred location of the extraction wells.

Ms. Vukelich
February 25, 1992
Page 2 of 2

- 3) Provide a time line by which upon system approval the installation and start up of the treatment system is anticipated to occur, the hours of system operation, scheduled equipment maintenance, sampling intervals (influent and effluent) and the anticipated duration of the treatment system. Further, describe proposed actions which will demonstrate the effectiveness of the treatment system once you feel that treatment has been achieved.
- 4) Provide a Health and Safety (H&S) Plan prepared by the Contractor/Consultant installing the treatment system. The H&S plan should include but not be limited to name of the site safety officer, personal protective equipment available to on site workers, medical facility (name, address and phone number), site security measures, monitoring equipment, fire protection and employee training.
- 5) Provide a contingency plan which will be implemented in the event of equipment malfunction (i.e. a pump, vapor knock out drum or plumbing system breakdown etc.).

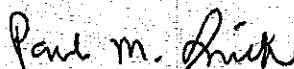
As we discussed in our telephone conversation yesterday, various reports document a fluctuation in gradient from the southwest in the February 10, 1992 report to the southeast in the December 5, 1990 well installation report. Additionally, you are required to submit a work plan to this office for the installation of additional borings/ monitoring wells in order to delimit the extent of both soil and ground water contamination in the current or previous down gradient directions.

Finally, an additional concern involves the presence of contamination in mw C-8 which indicates petroleum contamination. Please discuss pollutant found in C-8 relative to the investigation associated with the above site.

Due to the significant ground water contamination problem present at the above facility this Department considers this case and the implementation of a treatment system to have the highest degree of urgency I therefore request a response to the above issues within 15 days of the date of this letter.

If you have any questions or comments please contact me at 510 271-4320. I would be happy to discuss the contents of this letter with either yourself or your consultant.

Sincerely,



Paul M. Smith
Hazardous Materials Specialist

cc:

Fatima Lelic/ Everett Sorenson, Weiss Associates
Gil Jensen, Alameda County District Attorney's Office of
Environmental and Consumer Protection
Eddy So, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0302

✓ R0290

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 25, 1990

**RE: Site Remediation at Chevron, 301 14th Street, Oakland, CA
94612**

Dear Ms. Vukelich,

Alameda County Environmental Health Department, Hazardous Materials Division has received and reviewed the Tank Removal Observation Report dated July 24, 1991 and the Well Installation Report dated June 13, 1991, both prepared by Geostratagies Inc.

Sampling which occurred during the removal of the underground tanks indicated soil contamination levels as high as 7800 ppm of Total Petroleum Hydrocarbons as gasoline (TPHg) and 2.8 ppm benzene from beneath the former tanks.

Upon review of the reports and following a phone conversation with Mr. Jeff Monroe with Geostratagies (in order to clarify the procedures employed in removing, aerating and sampling soils) it appears that significant soil contamination has been removed from the above site.

However, there currently exists a significant ground water contamination problem requiring urgent attention. Of the ten monitoring wells which have been installed on or around the site eight have significant contamination levels. The last monitoring performed on monitoring well c-3 on 1/17/91 indicated 2.5 feet of free product. Results from monitoring well c-2 indicated benzene concentrations in ground water of 4,500 ppb.

- 1) You are directed to immediately commence monthly subjective monitoring of all wells for the presence of free product. Those showing free product are to be bailed as a means of interim remediation. This interim remediation shall be in place until such time as a dedicated recovery/treatment system is operating. You are required to record the date and amount of free product removed and submit it this office in monthly reports until a dedicated system is on line

You are required to provide the following information to this department within 30 days of the receipt of this letter.

- 2) Specify the interim measures undertaken in the past six months and those measures in the future to remove free product in all applicable monitoring wells.

Ms. Vukelich
September 24, 1991
page 2 of 2

3) A written proposal outlining the details of a groundwater treatment system. The groundwater treatment proposal shall include the following:

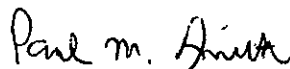
- A) Rationale for the placement of extraction well(s).
- B) Technical information about the proposed dedicated treatment system designed to address the site specific conditions, both hydrogeological and logistical for the site.
- C) The measures proposed to evaluate the effectiveness of the treatment system, at regular intervals, (while the system is operating) and a description of the measures which will be employed in measuring the overall effectiveness of the treatment system at the completion of the project.
- D) A Description of how the proposed system will prevent further migration of petroleum pollutants.

4) Although the down gradient direction of groundwater contamination has yet to be completely delineated, this office does not see why that this effort cannot commence concurrently with the design and implementation of a groundwater treatment system. You are therefore requested to provide a work plan specifying proposed actions to effectively define the ground water contamination and to also adequately address the groundwater pollution associated with the past activities at the site.

- A) You are required to specify an attainable time line for both the adequate delineation of the contamination problem and the implementation of the ground water treatment system.

If you have any questions regarding any of the above please feel free to contact me at (510) 271-4320.

Sincerely,



Paul M. Smith
Hazardous Materials Specialist

cc:

Eddie So, SFRWQCB
Jeff Monroe, GeoStratagies Inc.
Gil Jensen, Alameda County District Attorney's Office of
Environmental and Consumer Protection

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0302
✓ R0290

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 Chevron, 301 14th Street, Oakland, CA
94612**

Dear Ms. Vukelich,

Our office received the Soil Boring and Well Installation Report dated August 9, 1990 prepared by GeoStrategies Inc. which included soil and water contamination data. We also received the deposit for overseeing the remediation at the above location. The plan for proposed remedial action proposes additional groundwater monitoring wells and the implementation of a recovery well for future remediation efforts.

The plan for proposed remediation is acceptable, however the following concerns need to be addressed:

The installation of an extraction system with recovery unit to remove free product from the groundwater as soon as it is feasible is strongly recommended.

As an interim measure and until such time as a dedicated recovery/ treatment system is installed you are directed to check for the presence of and to remove any free product in monitoring well C-3 and to check all other monitoring wells **every other day** for the presence of free floating petroleum product. The frequency of this activity may be reduced for any one well to weekly purging as the presence of separate phase hydrocarbons is eliminated completely, or diminished to a "sheen", as evidenced by observations; using an optical probe, made during three (3) consecutive site visits. This activity may again be reduced to a schedule of monthly purging as conditions dictate, following the aforementioned protocol.

The underground tanks at this site need to either be removed or permitted. The permits which were issued in October of 1987 have long since expired. Current permit requirements include annual precision testing, inventory reconciliation, and quarterly reporting, and a written monitoring plan.

Ms. Vukelich
September 4, 1990

Page 2 of 2

Given the extent of the contamination at this site and the high probability that the contamination was caused by a leak in either the tank or piping from one or more of these tanks it seems appropriate to remove the tanks. Removal of these tanks may also be necessary to adequately address the contamination of the soil and groundwater at this site.

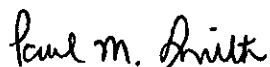
Because the chemical monitoring well and the regional groundwater flow and the hydraulic flow gradient data collected by Gettler Ryan conflict we require that additional groundwater gradient data be collected in order to determine the actual hydraulic gradient onsite.

If tidal influence is suspected free product thickness water levels must be measured over a 24 hour period.

The installation of an additional monitoring well further to the north-west may be necessary to adequately define the extent of groundwater contamination offsite.

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
Chris Palmer, Randall Young, GeoStratagies Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0302
VR0290

MR. N.L. Vukelich
Chevron U.S.A., Inc.
2410 Camino Ramon
San Ramon, CA 94583

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

July 3, 1990

**RE: Site Remediation at Chevron, 301 14th Street, Oakland, CA
94612**

Dear Mr. Vukelich,

Our office received a recently submitted underground storage tank unauthorized release (leak)/contamination site report dated 6/21/90 which occurred at the above location.

We are interested in obtaining information regarding the extent of contamination and of a proposed plan for the remediation occurring at this site.

Please send to this office the following information:

- Preliminary assessment data including sampling analysis results to assess the extent of the contamination.
- A plan of proposed action to be taken to address this contamination.
- A deposit for the amount of \$ 744.00 (based on 3 underground storage tanks) in order for this department to oversee the remediation at this site. Section 3-141.6 of the Ordinance Code of the County of Alameda allows the Environmental Health Department to charge fees for the oversight on site cleanup.

Please respond to the above request within 30 days of the receipt of this letter or by August 6, 1990. If you have any questions regarding the above site please direct them to Paul Smith, Hazardous Materials Specialist at (415) 271-4320.

Sincerely,

A handwritten signature in cursive script, appearing to read "Edgar B. Howell".

Edgar B. Howell, Chief
Hazardous Materials Division

EBH:PMS:pms

cc:

Gil Jensen, Alameda County District Attorney, Office of
Environmental and Consumer Protection
Lester Feldman, RWQCB