

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT
2-26-04

ENVIRONMENTAL HEALTH SERVICES

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

February 26, 2004

Ms. Karen Streich
Chevron-Texaco
P.O. Box 6012
San Ramon, CA 94583-2324

Dear Ms. Streich:

Subject: Fuel Leak Case RO0000038, Chevron #9-4587, 609 Oak St., Oakland, CA 94607

Alameda County Environmental Health (ACEH) has received concurrence with the closure request for the subject site from the SFRWQCB. Prior to issuing a closure letter, we request that the remaining eight (8) wells at this site be properly decommissioned. Once our office receives your well decommission report, we can issue a closure letter.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos

Mr. Aldo Guidotti, #1 Bates Blvd., Orinda, CA 94563

Ms. Victoria Debenedetti, 8520 Pardee Dr., Oakland, CA 94621

Mr. Scott MacLeod, Cambria Environmental, 5900 Hollis St., Suite A, Emeryville, CA 94608

Wiclrq609OakSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

September 4, 2003

Ms. Karen Streich
Chevron-Exaco
6001 Bollinger Canyon Rd., Bld L 4050
P.O. Box 6012
San Ramon, CA 94583-2324

Dear Ms. Streich:

Subject: Fuel Leak Case RO0000038, Former Chevron Station #9-4587, 609 Oak St.,
Oakland, CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP) staff, has reviewed the case for the subject site and has determined that additional information is necessary to progress to case closure. Please address the following technical comments and submit the technical report requested below.

Technical Comments

1. Post remediation soil sampling has not been performed at all potential residual spots exceeding either proposed or listed risk based or environmental screening levels. You should evaluate all pre-remediation soil sample results to determine the specific depth and location of confirmation samples.
2. Our office does not concur with the evaluation of the potential preferential pathways through utilities provided in the Delta Environmental August 25, 2003 response letter. First, the locations and depths of utilities down-gradient of the site were never identified. Second, the lack of liquid phase or dissolved phase hydrocarbons in off-site wells could mean that contamination is localized and has been remediated or that the monitoring network is flawed. In any event, should soil sampling confirm that residual contamination is below screening levels, these questions may be considered mute and you may recommend site closure.

Technical Report Request

Please submit the technical report according to the following schedule.

- October 3, 2003- Work plan for confirmation soil sampling and analysis in areas of potential exceed of environmental screening levels.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos

Mr. Aldo Guidotti, #1 Bates Blvd., Orinda, CA 94563

Ms. Victoria Debenedetti, 8520 Pardee Dr., Oakland, CA 94621

Mr. J. Brownell, Delta Environmental, 3164 Gold Camp Dr., Suite 200, Rancho Cordova, CA 95679

SSwp 609 Oak St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



8-14-02

ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

FAX (510) 337-9335

August 13, 2002

Ms. Karen Streich
Chevron Products Company
6001 Bollinger Canyon Rd., Bld. L
Room 4050 P.O. Box 6004
San Ramon, CA 94583

Dear Ms. Streich:

Subject: Fuel Leak Case No. RO0000038, Former Chevron Service Station No. 9-4587
609 Oak St., Oakland, CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the August 9, 2002 *Work Plan for Hand Auger Soil Borings and Limited Overexcavation* for the referenced site prepared by Delta Environmental Consultants, Inc. This work plan addresses my prior November 28, 2001 request for additional investigation at this site. The work plan proposes the advancement of five hand auger soil borings, four centered around boring HA-2 which previously identified elevated benzene. The fifth will be near the location of former boring HA-2. Soil samples from several depths (2.5', 5' & 7.5') will be screened for potential analysis from each boring. A deeper sample from 10' is also proposed for the center boring. Our office approves this work plan with the following conditions:

- A minimum of one sample should be analyzed from the four surrounding borings to confirm the extent of contamination.
- A minimum of two soil samples should be analyzed from the center boring, since this is the general location of the former elevated sample. All samples should be run for TPHg, BTEX and MTBE. Any MTBE detected by Method 8021 should be confirmed using Method 8260.
- As noted, limited excavation is recommended if residual benzene remains above the SSTL previously determined. Natural attenuation may have already reduced levels below this level.
- Please insure that the other oxygenates, TAME, ETBE, DIPE and TBA plus EDB and EDC have been analyzed in groundwater. If they have not, please analyze a groundwater sample from well C-1.
- Please notify our office when this work is scheduled.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. A. Guidotti, #1 Bates Boulevard, Orinda, CA 94563

Mr. M. Berrington, Delta Environmental Consultants, 3164 Gold Camp Dr., Suite 200,
Rancho Cordova, CA 95670-6021

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



02-27-02

February 26, 2002
StID 4037/RO0000038

Chevron Products Co.
Mr. Thomas Bauhs
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 Service Station #9-4587, 609 Oak St., CA 94607

Dear Mr. Bauhs:

Our office wrote you in a February 26, 2002 letter requesting a response to address residual benzene contamination in soil at the referenced site (copy enclosed). This information was necessary before we could proceed with site closure. As of this date, our office has not received a reply.

Please respond with a written proposal and time schedule for its implementation, **within 30 days or no later than March 26, 2002.**

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

Enclosure

C: B. Chan, files

Mr. M. Berrington, Delta Environmental Consultants, 3164 Gold Camp Drive,
Suite 200, Rancho Cordova, CA 95670-6021

Mr. A. Guidotti, #1 Bates Blvd., Orinda, CA 94563

2ndReq609OakSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



11-29-01

November 28, 2001
StID 4037/RO0000038

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

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

Re: Former Chevron Service Station #9-4587, 609 Oak St., CA 94607

Dear Mr. Bauhs:

As you are aware, our office is considering the referenced site for case closure. However, based upon the highest residual soil benzene concentration at this site, 23 ppm in HA-2, additional action is required. This concentration exceeds the acceptable human health risk for residential exposure to an indoor air exposure scenario. In order to address this, please consider the following alternatives:

- You can perform a more site specific risk assessment,
- provide a deed restriction,
- resample this area to determine current contaminant levels or
- remediate the affected area.

Please have your consultant provide a proposal to address this residual contamination threat.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. M. Berrington, Delta Environmental Consultants, 3164 Gold Camp Drive,
Suite 200, Rancho Cordova, CA 95670-6021

609OakSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



8-15-01

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

August 14, 2001
StID # 4037/RO0000038

Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon CA 94583

**SUBJECT: INTENT TO MAKE A DETERMINATION THAT NO FURTHER ACTION IS REQUIRED
OR ISSUE A CLOSURE LETTER FOR FORMER CHEVRON STATION, 609 OAK ST., OAKLAND
CA 94607**

Dear Mr. Bauhs:

This letter is to inform you that Alameda County Environmental Protection (LOP) intends to make a determination that no further action is required at the above site or to issue a closure letter. Please notify this agency of any input and recommendations you may have on these proposed actions within 20 days of the date of this letter.

In accordance with section 25297.15 of Ch. 6.7 of the Health & Safety Code, you must provide certification to the local agency that all of the current record fee title owners have been informed of the proposed action. You may use the enclosed Example letter #3 as a guide. Please provide this certification to this office within 20 days of the date of this letter.

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

Sincerely,

A handwritten signature in cursive script that reads "Barney M. Chan".

Barney M. Chan
Hazardous Materials Specialist

Enclosure (sample letter #3)

c: B.Chan,files

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY (FOR NAME AND ADDRESS OF SUBJECT SITE)

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no further action is required
- local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R038

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

June 26, 1998

ATTN: Accounts Payable

Chevron Station
609 Oak St
Oakland CA 94607

RE: Project # 373A - Type M
at 609 Oak St in Oakland 94607

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$388.00, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.


Please be sure to write the following identifying information on your check:

- project #
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,


Tom Peacock, Manager
Environmental Protection

c: files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R038

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

May 13, 1998

ATTN: Sir Or Madam

Chevron U S A Inc.
2410 Camino Ramon
San Ramon CA 94583

RE: Project # 373A - Type M
at 609 Oak St in Oakland 94607

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$388.00, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.

Please be sure to write the following identifying information on your check:

- project #
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,

Tom Peacock, Manager
Environmental Protection

c: files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0# 38

February 3, 1998

ENVIRONMENTAL HEALTH SERVICES

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

Mr. Phil Briggs
Chevron U.S.A. Products Company
P.O. Box 6004
San Ramon, CA 94583-0904
STID 4037

RE: Chevron, 609 Oak Street, Oakland, CA 94607

Dear Mr. Brigg:

In my letter dated October 27, 1997, I inadvertently omitted the monitoring schedule for monitoring wells C-3, C-4, C-6 and C-7. These wells should be monitored on an annual basis.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0#38

October 27, 1997

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

Mr. Phil Briggs
Chevron U.S.A. Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

RE: Chevron, 609 Oak Street, Oakland, CA 95607

Dear Mr. Briggs:

This office has reviewed your Risk Assessment & Threshold Limits. On-site monitoring wells, C-1, C-2, and CR-1 and off-site well C-5 must be monitored on a semi-annual basis. After two years, if the groundwater from the on-site wells contains less than 720 ppb of benzene, and the groundwater from the off-site well has less than 100 ppb of benzene, this site can be re-evaluated for closure.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

Larry Seto

cc: Madhulla Logan, Environmental Health

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



2038

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

July 8, 1996
STID 4037

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

RE: former Chevron Service Station 9-4587, 609 Oak St., Oakland CA 94607

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 9-4587" report, prepared by Blaine Tech Services (BTS), dated 7/24/95, under cover letter from Chevron dated 8/16/95;
- 2) "Drilling Report," prepared by Terra Vac (TV), dated 8/30/95, under cover letter from Chevron dated 9/28/95;
- 3) "System Startup Report," prepared by TV, dated 10/20/95, under cover letter from Chevron dated 11/18/95;
- 4) fax from Chevron, dated 12/12/95, with Project Status update for December 1995;
- 5) fax from TV, dated 12/18/95, with letter from TV dated 12/18/95;
- 6) "3rd Quarter 1995 Monitoring at 9-4587" report, prepared by BTS, dated 10/17/95, under cover letter from Chevron dated 11/18/95;
- 7) letter from TV dated 12/18/95 (original);
- 8) Project Status updates for January 1996, February 1996 and March 1996;
- 9) "4th Quarter 1995 Monitoring at 9-4587" report, prepared by BTS, dated 1/18/96, under cover letter from Chevron dated 1/29/96; and
- 10) "Interim Soil Boring Installation Report," prepared by TV, dated 2/28/96.

July 8, 1996
STID 4037
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.

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
Acting Chief/file

je.4037-D

**ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY**

DAVID J. KEARS, Agency Director



R038

RAFAT A. SHAHID, Director

August 17, 1995
STID 4037

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 9-4587, 609 Oak St., Oakland CA 94607

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 DVE wells and added to the DVE system to supplement extraction, as per pages 6-7 of Terra Vac's 4/26/95 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,

Handwritten signature of Jennifer Eberle in cursive.

Jennifer Eberle
Hazardous Materials Specialist

Handwritten signature of Ravi Arulanatham in cursive.

Ravi Arulanatham
Staff Toxicologist

cc: Tim Warner, Terra Vac, 14798 Wicks Blvd., San Leandro CA 94577
Leroy Todd/file

je.4037-C

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R038

RAFAT A. SHAHID, DIRECTOR

June 1, 1995
STID 4037

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 9-4587, 609 Oak St., Oakland CA 94607

Dear Mr. Miller,

I have received and reviewed the "Addendum Remediation Work Plan," prepared by Terra Vac, dated 4/26/95. 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 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 and the confirmatory borings (pages 6 and 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.
- 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.

June 1, 1995
STID 4037
Mark Miller
page 2 of 2

- 6) As per our 5/19/95 meeting, the water accumulated in the open excavation will be vacuumed out prior to backfilling. The distribution pipes for the remediation system will be installed while backfilling. The DVE system will commence when the equipment is available; specifically, when the DVE unit is no longer needed at the other former Chevron site (301-14th St.) where it will be utilized beginning in the next few weeks.

Quarterly groundwater monitoring and sampling should commence immediately. It appears that it ceased subsequent to tank removal operations in October 1994. Please notify me in advance of field operations.

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: Tim Warner, Terra Vac, 14798 Wicks Blvd., San Leandro CA 94577
Mee Ling Tung/file

je.4037-B

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 11, 1993
STID 4037

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

Alvin James
Director of City Planning
1330 Broadway, 3rd Floor
Oakland CA 94612

RE: Chevron Service Station #94587
609 Oak St.
Oakland CA 94607

Dear Mr. James,

I am writing to you regarding a zoning permit which is being required by the City for a groundwater treatment system to be located at the above referenced site. This permit takes approximately two or three months to obtain, and is consequently delaying the installation and startup of this system.

The groundwater treatment system is being required by our agency to remediate contaminated groundwater beneath the site. There is actual floating petroleum product on the surface of the groundwater. Petroleum hydrocarbons have already been detected in monitoring wells situated offsite and downgradient (in Oak St.). There is concern that these constituents may continue to migrate offsite. The groundwater remediation proposal, dated 9/2/92, was ultimately accepted during a telephone conversation between myself and Chevron (N. Vukelich) on 11/2/92.

Our concern is that the zoning permit process may pose an added delay to the implementation of the groundwater remediation system. These types of treatment systems are relatively small in size, and are usually enclosed and locked for protection. We would appreciate your input, including the possibility of future exemptions or changes in policy, regarding this type of situation.

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

Sincerely,

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

Jennifer Eberle
Hazardous Materials Specialist

Alvin James
STID 4037
March 11, 1993
page 2 of 2

cc: Mark Miller, Chevron USA, Inc., PO Box 5004, San Ramon CA
94583-0804
Kent O'Brien, Geraghty and Miller, 1050 Marina Way South,
Richmond CA 94804
Kay Winer, Director, Office of Planning and Building, 1330
Broadway, 2nd Floor, Oakland CA 94612
Frank Kliever, Operations Manager, Office of Planning and
Building, 1330 Broadway, 2nd Floor, Oakland CA 94612
Bill Quesada, Zoning Dept., 1330 Broadway, 2nd Floor,
Oakland CA 94612
Rich Hiatt, RWQCB
Ed Howell/File

je 4037-A

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R033

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 30, 1992

STID 4037

Nancy Vukelich
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
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

RE: Chevron Service Station 94587
609 Oak St.
Oakland CA 94607

Dear Ms. Vukelich,

We are in receipt of a "Ground Water Remediation Work Plan," prepared by Geraghty and Miller, dated 9/22/92, under your cover letter dated 9/25/92. As you are aware, this workplan proposes to install a groundwater extraction and treatment system.

Upon a review of the work plan, it was noted that an aquifer test is not recommended prior to the installation of the treatment system. Although we are anxious to commence groundwater treatment at this site, we are even more anxious to do so in a manner that will maximize the effectiveness of the selected treatment system. This can be accomplished by designing a treatment system based on **site-specific** characteristics, including those of the aquifer. In particular, data regarding aquifer pump rates, drawdown, and radius of influence is required **prior to system design**. Correct system design is particularly important at this site because there is free product in groundwater which may be migrating offsite. Therefore, we request that you amend the work plan to reflect these concerns. Please respond to us with a written addendum or revision to the work plan **within 35 days, or by November 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 and Miller, 1050 Marina Way South,
Richmond CA 94804
Rich Hiatt, RWQCB
Ed Howell/File

je

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R038

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

November 1, 1991

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

RE: Duplicate Permit to Operate Underground Storage Tanks at 609
Oak Street, Oakland, CA 94607

Dear Mr. Durein:

Please find enclosed a duplicate five year permit to operate three underground storage tanks at 609 Oak Street in Oakland. The original five year permit was mailed with a cover letter on October 2, 1991. However, because Chevron has not been able to locate the permit, I am mailing a duplicate permit to you and a copy to Mike Vomund at Chevron. This duplicate will serve as documentation that you are in compliance with the appropriate requirements of the permit process.

Please contact me if you have any questions regarding this letter at (510) 271-4320.

Sincerely,

A handwritten signature in cursive script that reads "Robert Weston".

Robert Weston
Hazardous Materials Specialist

WJL
c: Mike Vomund, Chevron
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enclosure

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEAPIS, Agency Director



R038

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

October 2, 1991

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

RE: Five Year Permit to Operate Three Underground Storage Tanks
at 609 Oak Street, Oakland, CA 94607

Dear Mr. Durein:

Please find enclosed a five year permit to operate three underground storage tanks at 609 Oak Street in Oakland. For this permit to be valid, you are required to comply with conditions as described in the recently revised California Code of Regulations, Title 23, Subchapter 16, Section 2712. These conditions are summarized below:

- 1) The owner or operator shall comply with the reporting and recording requirements for unauthorized releases specified in Article 5;
- 2) Written records of all monitoring and maintenance performed shall be maintained on-site or off-site at a readily available location, for a period of at least three (3) years. These records must be made available, upon request within 36 hours, to a representative of this office;
- 3) The permit may be transferred to a new underground storage tank owner if all the following conditions are met: (1) the new owner does not change any of the conditions of the permit, (2) the transfer is registered with our office within 30 days of the change in ownership, and (3) the tank permit application forms are completed to show the changes. This office may then review, modify, or terminate the permit to operate the underground storage tank(s) upon receiving the ownership transfer request.

Mr. Douglas Durein
October 2, 1991
Page 2

Listed below are the monitoring methods currently in use at the facility:

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

- Fuel Piping:
 - a. Tri-Annual pipeline tightness tests
 - b. Daily monitoring for the presence of air in the pipelines.

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

- a. Ensure the new procedures will meet the requirements of CCR, Title 23, Article 4.
- b. Send written notification of the changes to this office.

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

Section 2646 - Inventory Reconciliation

- i) The daily variation in inventory reconciliation shall be the difference between physically measured inventory in storage and the calculated inventory in storage. Monthly variations exceeding 1.0% of the monthly tank delivery plus 130 gallons must be investigated in accordance with this section.
- j) On an ANNUAL basis, submit a report to this office which states that all inventory reconciliation data are within allowable variations. If data indicates variations exceeding the allowable variations then submit a statement which includes a list of the time periods and corresponding variations which exceeded the allowable variations. This statement shall be executed under penalty of perjury.

Mr. Douglas Durein
October 2, 1991
Page 3

The sample worksheet enclosed may be used to record the daily reconciliation, and to perform potential leak investigations when monthly variations are too large. Please also note that effective January 1, 1993, inventory reconciliation, and any other leak detection method that utilizes manual stick readings, shall NOT be used as a monitoring method where the existing ground water level or the highest anticipated ground water level is less than 20 feet below the bottom of the tank.

Consult the CCR revised Title 33, for additional requirements. To obtain a copy of the amended regulations, you may contact the State Water Resources Control Board at (916) 324-1252.

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

Sincerely,



Dennis Byrne
Senior Hazardous Materials Specialist

c: Mike Vomund, Chevron U.S.A.
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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R038

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

23 April 1990

John Randall
Chevron U.S.A. Incorporated
P.O. Box 5004
San Ramon, CA 94588-0804

Subject: Ground Water Investigation being conducted at 609 Oak Street, Oakland.

Dear Mr. Randall:

This office has received the workplan prepared by GeoStrategies Incorporated concerning the project listed above. Before this plan can be reviewed and authorized for implementation, it will be necessary for you to submit to this office a deposit of \$663.00 made payable to the County of Alameda.

This deposit is authorized the Section 3-141.6 of the Ordinance Code of the County of Alameda and is used to cover the expenses incurred by County personnel in the execution of their oversight responsibilities associated with the project. Records are maintained of the time County employees commit to a given project and the deposit is charged at an hourly rate. Upon the completion of the project, the balance of the deposit will be refunded to you.

Once this matter of the deposit is addressed this office will review the submitted workplan and issue a written response in a timely manner. If you have any questions concerning this matter, please contact me at (415) 271-4320.

Sincerely,

Dennis J. Byrne
Hazardous Materials Specialist

cc: Rafat Shahid, Assistant Director, Alameda County Department of Environmental Health.
Christopher Palmer, GeoStrategies Inc.