

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 1030

April 7, 1998

STID# 775

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

Mr. Philip Briggs Walter Bauman Trust
Chevron USA Inc., 60 Hillside Mall
P.O. Box 5004 San Mateo, CA 94403

Mr. Michael Meniktas
3756 Grand Avenue,
Oakland, CA 94610

**Subject: Former Chevron Service Station #9-5630, located at
997 Grant Avenue, San Lorenzo, CA 94580**

To Whom it may concern:

This office has received and reviewed the "Well Abandonment Report", dated February 19, 1998, and submitted by Pacific Environmental Group, the consultant of record.

In light of the work undertaken, no further work will be required at the site. This office commends the work undertaken by the parties involved enabling the cleanup of the site.

The following conditions exist at the site, according to the final laboratory analysis:

* 0.54, ND, 2.8, and ND parts per billion (ppb) respectively of BTEX, remains in the groundwater in the area of the former underground tank.

If you have any questions, please contact this office at (510) 567-6737.

Sincerely,

Brian P. Oliva, REHS, REA,
Hazardous Materials Specialist

c: Chuck Headlee, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO#1030

April 25, 1997

Mr. Philip Briggs
Chevron Products Company
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)

STD 775

Re: Investigations at Former Chevron Service Station #9-5630, located at 997 Grant Avenue,
San Lorenzo, California

Dear Mr. Briggs,

This office has reviewed the First Quarter Groundwater Monitoring Report for 1997, dated April 9, 1997, and the attached cover letter, dated April 10, 1997. Based on our review of the monitoring results, this office feels that the site is eligible for case closure, and will begin preparing the case closure recommendations for the Regional Water Quality Control Board's review and concurrence.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,

Juliet Shin
Senior Hazardous Materials Specialist

cc: Chief, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



201030

Alameda County Environmental Health
Environmental Protection Services
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577
(510)567-6700 fax: (510)337-9335

September 13, 1996

Mr. Philip Briggs
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

Re: Health Risk Evaluation for Former Chevron Station #9-5630, located at 997 Grant Avenue, San Lorenzo, California

Dear Mr. Briggs,

This office has reviewed over the December 12, 1995 Health Risk Evaluation and the August 23, 1996 Addendum to the Health Risk Evaluation, prepared by Curt Peck of Chevron Research and Technology Company (CRTC), for the above site. Based on our review of these Risk Evaluations, this office accepts CRTC's conclusions that an estimated health risk to an adult resident at this site would be in the range of 1×10^{-7} to 1×10^{-8} and would therefore not represent a significant threat to human health, per the U.S. Environmental Protection Agency's guidelines. A residential scenario for a child was not calculated for the site based on the above low risks that were determined for an adult.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,

Juliet Shin
Senior Hazardous Materials Specialist

cc: Curt Peck
Chevron Research and Technology Company
P.O. Box 4054
Richmond, CA 94804-0054

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO#1030

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

May 17, 1996

Phil Briggs
Chevron USA Products Co.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

Re: Response to the December 12, 1995 Health Risk Evaluation for Former Chevron Station #9-5630, located at 997 Grant Avenue, San Lorenzo, California

Dear Mr. Briggs,

This office has reviewed the December 12, 1995 Health Risk Evaluation for the above site. The following are a list of comments that should be addressed and incorporated into a revised risk evaluation:

- o The residential exposure scenario should be modeled for a 30 year, not a 9 year, exposure period, per DTSC and EPA guidelines;
- o An ingestion scenario for potential construction workers should be developed;
- o Scenarios for children should be incorporated; and
- o The SESOIL model that was used in the Risk Evaluation does not incorporate a "crack factor". Please incorporate this factor into the assessment.

Please submit a revised Health Risk Evaluation addressing the above concerns within 45 days of the date of this letter.

If you have any questions or comments, please feel free to contact me at (510) 567-6763.

Sincerely,



Juliet Shin

Senior Hazardous Materials Specialist

cc: Larry Blazer, Alameda County District Attorney's Office

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#1030

RAFAT A. SHAHID, DIRECTOR

February 29, 1996

DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Parkway
Alameda, CA 94502-6577

(510) 567-6700

Mr. Mark Miller
Chevron U.S.A. Products Co.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

Re: Monitoring of Well C-3 at Former Chevron Service Station #9-5630, 997 Grant Ave.,
San Lorenzo, CA

Dear Mr. Miller,

This office has reviewed the January 31, 1996 Quarterly Groundwater Monitoring Report for the above site. For the last two quarterly monitoring events at the site, sample collection from on-site Well C-3 has been excluded based on Chevron's argument that this well could not be located. Per my conversation with you on November 30, 1995, Chevron has not made any formal efforts to locate this well (e.g., surveying for the location of this well using to-scale maps, surveying using a ground penetrating radar, etc). Based on the contamination identified from this well in past sampling events and the fact that this well will ultimately need to be located for proper well destruction when the site is granted closure, this office is requiring that Well C-3 be located and sampled as part of the next quarterly monitoring event. Per your statements in November 1995, this area has not been paved over and, therefore, there appears to be no permanent obstruction to accessing this well.

If you have any questions or comments, please feel free to contact me at (510) 567-6763.

Sincerely,

Juliet Shin
Senior Hazardous Materials Specialist

cc: James Keller
Blaine Tech Services
985 Timothy Drive
San Jose, CA 95133

Larry Blazer, Alameda County District Attorney's Office

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01030

RAFAT A. SHAHID, Director

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

CC458G

July 24, 1995

Mr. Mark Miller
Chevron U.S.A. Products Co.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

Re: Investigations at Former Chevron Service Station #9-5630,
located at 997 Grant Ave., San Lorenzo, California

Dear Mr. Miller,

Based on the County's review of the case files for the above site, and your letter, dated July 17, 1995, Chevron has reported incorrect results for groundwater samples collected from the site since as early as June 1992. Wells C-2 and C-3 had the greatest number of inaccurately reported quarterly sampling results.

Based on the corrected analysis results, and the fact that Wells C-1, C-2, and C-3 have not been sampled since September 7, 1993, this office is requesting that Chevron resume quarterly sampling of all the monitoring wells, to accurately characterize any remaining contaminants in the groundwater, and assure that no significant concentrations of groundwater contaminants are migrating off site.

It is still unclear to this office why Superior Precision Analytical produced two sets of laboratory analysis results for the site on a regular basis between June 3, 1992 and September 7, 1993, and why only one set of analysis results, the one with the lower concentrations, were submitted to the County for review. Please submit a more detailed explanation for the inaccurate reporting to this office.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,

A handwritten signature in black ink, appearing to read "Juliet Shin".

Juliet Shin
Senior Hazardous Materials Specialist

Mr. Mark Miller
Re: 997 Grant Ave.
July 24, 1995
Page 2 of 2

cc: Gil Jensen, Alameda County District Attorney's Office

Michael Meniktas
3450 Lakeshore Ave., Ste 202
Oakland, CA 94610

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R01030

RAFAT A. SHAHID, Assistant Agency Director

STID 775

November 16, 1994

Mr. Mark Miller
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: (FORMER) CHEVRON STATION #9-5630, 997 GRANT AVENUE, SAN
LORENZO

Dear Mr. Miller:

This letter follows in the wake of our telephone conversation yesterday. As we agreed, please adhere to the following specific sampling and monitoring schedule for the immediate and subsequent quarters:

- o Wells MW-1, -5, -6, and -7 shall be monitored for ground water elevations beginning November 1994 and again during February 1995. These data will be used to calculate ground water gradient and flow direction during the monitored period.
- o Wells MW-5, -6, and -7 shall be sampled beginning November 1994 and again during February 1995. Samples shall be analyzed for standard gasoline compounds, TPH-G and BTEX.

Reports documenting the referenced sampling and monitoring events should be submitted in a timely fashion. Should these data appear consistent with those collected previously during the course of this investigation to date, case closure shall appear warranted.

Please call me at 510/567-6783 should you have questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director
Gil Jensen, Alameda County District Attorney's Office
Michael Meniktas
Walter Baumann Trust

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01030

RAFAT A. SHAHID, Assistant Agency Director

September 14, 1994

Mr. Mark Miller
Chevron U.S.A. Products Co.
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

STID 775

Re: Investigations at Former Chevron Service Station #9-5630,
located at 997 Grant Ave., San Lorenzo, California

Dear Mr. Miller,

This office has reviewed Ground Water Technology's report, dated August 25, 1994, documenting the additional soil and ground water investigations recently conducted at the above site. Both soil and ground water samples collected from Well C-6 identified concentrations of Total Petroleum Hydrocarbon as gasoline (TPHg) and benzene. Although the observed concentrations of TPHg and benzene are fairly low, it is uncertain whether the ground water contaminant concentrations will remain at these lower levels or increase with time or fluctuations in the water table.

Based on the above concerns, and the fact that Wells C-1 through C-4 may have been screened incorrectly in the past based on the assumption that the underlying aquifer was semi-confined, the County is requesting that two additional quarters of ground water monitoring be conducted for Wells C-5 and C-6. If contaminant concentrations remain commensurate to the levels observed in the August 1994 sampling event, then the site will be considered for closure. However, if contaminant levels are observed to increase, continued ground water monitoring may be required to assure that these levels are not migrating off site and impacting other sites.

The next quarterly sampling event should be conducted in November 1994. If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

Mr. Mark Miller
Re: 997 Grant Ave.
September 14, 1994
Page 2 of 2

cc: Michael A. Chamberlain
Groundwater Technology, Inc.
4057 Port Chicago Hwy.
Concord, CA 94520

Michael Meniktas
3450 Lakeshore Ave., Ste 202
Oakland, CA 94610

Walter Baumann Trust
60 Hillside Mall
San Mateo, CA 94403

Edgar Howell

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01030

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

June 21, 1994

Mr. Mark Miller
Chevron U.S.A. Products Co.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

Re: Work plan for further investigations at Former Chevron
Service Station #9-5630, located at 997 Grant Ave., San
Lorenzo, California

Dear Mr. Miller,

This office has reviewed Groundwater Technology's workplan, dated June 7, 1994, addressing the installation of two additional monitoring wells at the above site. This work plan is acceptable to this office. Please be reminded to drill the borings down slowly so that no shallow ground water will be overlooked. Additionally, please place special attention on observing the soil samples collected from the 10 to 14 feet depth, since elevated contaminant levels were formerly identified at these depths in the former tank pit.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Tim Watchers
Groundwater Technology
4820 McGrath St., Ste 100
Ventura, CA 93003

Michael Meniktas
3450 Lakeshore Ave., Ste 202
Oakland, CA 94610

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01030

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

February 22, 1994

Ms. Nancy Vukelich
Chevron USA Products Co.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

Re: Additional clarification for case closure review, for 997
Grant Avenue, San Lorenzo, California

Dear Ms. Vukelich,

This office has reviewed the case files for the above site for closure. There are still some data gaps existing in our files, that need to be clarified before this site can be considered for closure. You are required to submit the following pieces of information to fill these data gaps:

o Excavated Soil

There is contradicting information in our files regarding the amount of soil that was excavated, aerated, backfilled, and hauled off site. The GSI report, dated 9/13/91, states that 1,380 cubic yards of aerated soil was sampled (CS-89 through CS-159), found to be < 10ppm TPHg, and reused at the site, and that 220 cubic yards of soil was hauled to BFI in Livermore. In the EGE report, dated 5/12/92, it states that 5,000 cubic yards of previously remediated soil was compacted into the site. This report also states that a clay liner, with a thickness in excess of 10 feet, was installed at the site, presumably in the former excavation. It is unclear whether the "clay liner" is just the backfilled soil. In the GML report, dated 12/1/93, it states that 4,984 cubic yards of excavated soil was backfilled into the excavation and a total of 5,204 cubic yards were excavated from the pit. Page 7 of this report indicates that 1.0 feet of drain rock, fiber fabric was backfilled into the excavation with the excavated soil, with no mention of a clay liner. Please submit more detailed information about the number and locations of samples collected from the stockpiled soil and the exact amount of stockpiled soil excavated and sampled, the samples considered clean and the ones considered "dirty", which sampled areas were reused for backfilling, the amount of soil used for backfilling and disposal off site, and more details about the "clay liner", fiber fabric, etc.

Nancy Vukelich
Re: 997 Grant Ave.
February 22, 1994
Page 2 of 3

o Depth of Excavation

The GSI report, dated 9/13/91, states that the UST pit bottom was sampled at 11.5 feet below ground surface (bgs). The excavation appears to have been continued laterally from there, but there was no mention of any further vertical excavation. The EGE report, dated 5/12/92, states that the UST complex was excavated to "greater than 11.5 feet" (page 6), and later states that "soil analytical concentrations collected from the source area indicate ND levels of TPHg at 14.5 feet" (page 10). Please clarify the actual depth of the excavation.

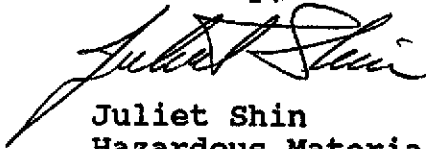
o Ground water Depth and Contaminant Transport

Please explain the connection between the apparent ground water noted in the UST excavation at 11.5 feet bgs, and the first encountered ground water, during the monitoring well installations, at 17.5 feet to 19 feet bgs. It appears, from the well logs, that the water table is semi-confined beneath the site, due to the rise of the water in the wells from approximately 19 feet bgs to approximately 11.5 feet bgs during the well installations, which implies that the actual water table is located at about 19 feet bgs. Our assumption that the aquifer is semi-confined appears to be consistent with Chevrons', based on the fact that the monitoring wells are currently screened as though the aquifer is semi-confined. However, ground water was also noted at higher elevations of about 11.5 feet bgs within the excavation pit. Therefore, there appears to be a discrepancy in the aquifer information. If ground water is truly at approximately 19 feet bgs, was the water observed in the excavation from another aquifer or a perched water table? Is this ground water hydraulically connected to ground water noted in the wells? If the water table is actually at 11.5 feet bgs, then why are the monitoring wells screening so far below the water table? Additionally, please explain your ideas for the mechanism of transport for contaminants through native soil. If the water table is located at about 19 feet bgs, then why has the bulk of soil contamination been identified at 11.5 feet bgs from the excavation, and in the 9-10.5 feet bgs range from borings C-2, C-3, and C-4?

Nancy Vukelich
Re: 997 Grant Ave.
February 22, 1994
Page 3 of 3

The above data gaps and questions need to be answered before this office can complete case closure review for the site. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01030

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

December 13, 1993

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

STID 775

RE: Petition for Case Closure, for Former Chevron Service
Station #9-5630, located at 997 Grant Ave., San Lorenzo

Dear Ms. Vukelich,

This office has reviewed Geraghty & Miller, Inc.'s Petition for Case Closure, dated December 1, 1993, for the above site. This office still needs some pertinent pieces of information that were not included in the report, in order to complete our review for case closure. You are required to submit some sort of receipt documenting the disposal of 200 cubic yards of excavated soil to Browning Ferris Industries. Additionally, you are required to submit information documenting that the four former underground storage tanks and associated piping were hauled off site to an appropriate facility.

We need the above additional information before we can complete our assessment of the site for case closure. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

cc: Mr. Lawrence E. Cogan
Ware & Freidenrich
400 Hamilton Ave.
Palo Alto, CA 94301

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01030

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

September 24, 1993

Mr. Mark Miller
Chevron USA Products Co.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

Re: The Former Chevron Service Station 9-5630, located at 997
Grant Avenue, San Lorenzo, California

Dear Mr. Miller,

It is the understanding of this office that you are now Chevron's contact person for investigations at the above site. In response to Nancy Vukelich's letter, dated July 26, 1993, this office reviewed the files for the site to evaluate the potential for site closure after the fourth quarter of monitoring Well C5. It was determined that if the next round of quarterly ground water samples come up nondetect, then you will be required to switch to annual monitoring. Annual monitoring will be required as an assurance that the soil contamination left in place will not impact the ground water.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Richard Hilton
Sierra Environmental
P.O. Box 2546
Martinez, CA 94553

Edgar Howell-File(JS)

**ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY**

DAVID J. KEARS, Agency Director



R01030

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

December 17, 1992

Mark Miller
Chevron USA Products Co.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

RE: The Former Chevron Service Station 9-5630, located at 997
Grant Avenue, San Lorenzo, California

Dear Mr. Miller,

This office has received and reviewed the letter from Groundwater Technology, Inc., dated December 15, 1992, and it appears that the alternative proposed location for the monitoring well, located on the median of Washington Avenue, is acceptable to this office.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read "Juliet Shin".

Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB

Tim Watchers
Groundwater Technology, Inc.
4057 Port Chicago Hwy.
Concord, CA 94520

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01030

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

November 20, 1992

Mark Miller
Chevron U.S.A., Inc.
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

RE: Work plan for investigations at the Former Chevron Service Station #9-5630, located at 997 Grant Avenue, San Lorenzo, California

Dear Mr. Miller,

This office has received and reviewed the work plan, dated November 18, 1992, for the above site. This office approves of the work plan. If you cannot obtain an encroachment permit for the location of the proposed monitoring well, please inform this office before considering installing the well in the alternate location, since it is not yet certain whether this location meets with the approval of this office.

Field work should commence within 60 days of the receipt of this letter. A report documenting the results from work performed is due to this office within 45 days of completing activities.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

Mr. Mark Miller
RE: 997 Grant Ave.
November 20, 1992
Page 2 of 2

cc: Richard Hiett, RWQCB

Sandra L. Lindsey
Groundwater Tech, Inc.
4057 Port Chicago Hwy
Concord, CA 94520

Ms. Beth Castleberry
Ware & Freidenrich
400 Hamilton Avenue
Palo Alto, CA 94301-1825

Mr. Larry Cogan
Ware & Freidenrich
400 Hamilton Avenue
Palo Alto, CA 94301-1825

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01030

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

November 10, 1992

Mr. Mark Miller
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

STID 775

RE: Required work plan for the Former Chevron Service Station
#9-5630, located at 997 Grant Avenue, San Lorenzo

Dear Mr. Miller,

In June 1992, this Department wrote you a letter requiring that you submit a work plan within 45 days addressing the installation of an additional monitoring well downgradient of Well C-3 and in the vicinity of where a confirmatory soil sample exhibited 270 ppm of hydrocarbons. In a letter from Chevron, dated October 3, 1992, it was stated that a work plan would be submitted to this office no later than October 30, 1992. To this date, this office has not received this work plan.

Please submit a work plan within 15 days of the receipt of this letter. 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 RWQCB.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Juliet Shin'.

Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Robert La Grone, Alameda Fire Dept.

Mr. Larry Cogan
Ware & Freidenrich
400 Hamilton Avenue
Palo Alto, CA 94301-1825

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01030

RAFAT A. SHAHID, Assistant Agency Director

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

June 19, 1992

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

STID 775

RE: Former Chevron Service Station #9-5630, located at 997 Grant Avenue, San Lorenzo, California

Dear Ms. Vukelich,

This office received and read the letter from Chevron, dated June 8, 1992. There appears to have been a misunderstanding in your conversations with Mr. Rich Hiett and Ms. Juliet Shin regarding the required work at the above site. This office and RWQCB never agreed that the scope of corrective action performed at the site had been adequate to restore and protect the current or potential beneficial uses of the waters of the State. Before we can make that decision, the extent and severity of the soil and groundwater contamination resulting from the unauthorized release at this site needs to be determined. Per your conversations with this office and RWQCB it was decided that additional soil and groundwater investigations at the site were necessary. The next step of these investigations would be to install a monitoring well immediately downgradient of Well C-3 and the location where a confirmatory soil sample exhibiting 270 ppm was identified.

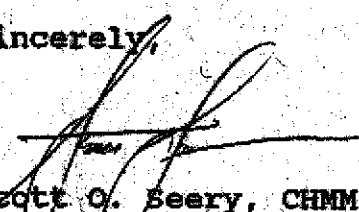
If the soil samples and/or quarterly groundwater samples collected from this well reveal unacceptable concentrations of contaminants, further steps will have to be taken to adequately define the extent of contamination and to possibly address the mitigation of this problem. On the other hand, if the soil samples collected from this well and at least four additional quarters of groundwater sampling from the monitoring wells do not exhibit unacceptable levels of contamination, than the site could be considered for potential closure.

Per your letter, the work plan for the installation of the additional monitoring well is currently being prepared by your consultants. This work plan shall be submitted to this office within 45 days of the receipt of this letter.

Ms. Nancy Vukelich
RE: 997 Grant Ave.
June 15, 1992
Page 2 of 2

If you have any questions or comments, please contact Ms. Juliet
Shin at (510) 271-4320.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB

Richard Quarante, Alameda Fire Dept.

Ms. Beth Castleberry
Ware & Freidenrich
400 Hamilton Avenue
Palo Alto, CA 94301-1825

Mark Thompson, Alameda County District Attorney's Office

Edgar Howell-File (JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01030

RAFAT A. SHAHID, Assistant Agency Director

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

April 17, 1992

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

STID 775

RE: Former Chevron Service Station No. 9-5630, at 997 Grant
Avenue, San Lorenzo, California

Dear Ms. Vukelich,

This office has received and reviewed the new well survey data for the site. The groundwater gradient has been confirmed as westward, and consequently, we may now evaluate what additional assessment work needs to be conducted at the site.

Groundwater samples collected from on-site Wells C-2, C-3, and C-4 have identified concentrations of benzene, up to 150 ppb, exceeding the State's MCL. Additionally, water samples collected from Well C-3 have identified concentrations of up to 1,100 ppb of TPH as gasoline (TPHg). In order to delineate the extent of the groundwater contaminant plume and to verify that the site is the source of all contaminants detected, it is required that additional monitoring wells be installed. Please submit a workplan for the installation of additional wells no later than May 31, 1992. Please include a written timetable defining your time period for installing additional wells, gathering data, and implementing remediation.

Additionally, it was brought to our attention that very high levels of TPHg have been left in the soils at the site. On December 18, 1990, four gasoline underground storage tanks were excavated and removed from the site. According to the Tank Removal Observation Report, dated September 13, 1991, soil samples CX-1B, CX-4B, CX-5B, CX-7B, CX-9B, and CX-10B were collected approximately 11.5 feet below grade from the bottom of this tank excavation area. Analysis of the above soil samples identified elevated concentrations of TPHg at 1,500 ppm, 1700 ppm, 1600 ppm, 1100 ppm, 730 ppm, and 54 ppm. Additionally, concentrations of benzene were detected from all but one of these samples. It appears that further excavation of the tank pit did not occur after these samples were taken, therefore, we can only conclude that the contaminated soil was left in place.

Consequently, you are required to determine the extent of soil contamination at the site. This office requires that you prepare and submit a work plan for the additional soil investigations at the site along with the work plan for the installation of additional wells.

If you have any questions or comments, please contact Juliet Shin at (510) 271-4320.

Sincerely



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB

Gene Walker, Eden Consolidate Fire Dept.

Beth Castleberry
Ware & Freidenrich
400 Hamilton Avenue
Palo Alto, CA 94301-1825

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01030

RAFAT A. SHAHID, Assistant Agency Director

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

March 31, 1992

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

STID 775

RE: Former Chevron Service Station #9-5630
997 Grant Avenue, San Lorenzo

Dear Ms. Vukelich,

Per your conversation with Ms. Juliet Shin of this office on March 31, 1992, Chevron will have the on-site monitoring wells resurveyed in the next week, and the survey information will be made available to Alameda County no later than April 10, 1992. It is understood by this office that after obtaining the new well surveying data, Chevron will make corrections to the past groundwater gradient determinations given in the quarterly groundwater monitoring reports.

Upon receiving the correct groundwater gradients for the past quarters, this office will determine what additional steps Chevron will be required to take to delineate the contaminant plume at the site and to remediate the site.

You may contact Ms. Shin with any questions or comments at (510) 271-4320.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Eddy So, RWQCB

Beth Castleberry
Ware & Freidenrich
400 Hamilton Avenue
Palo Alto, CA 94301-1825

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(415) 271-4300

15

January 9, 1992

Chevron USA
Mr. Gordon Black
2410 Camino Ramon
Room L1449
San Ramon, CA 94583

Dear Mr. Black:

You requested information regarding the permit status for five sites in Alameda County for the operation of underground storage tanks (UST). We discussed the sites' status today over the telephone and this letter will serve to confirm that information.

- (R0439) 1. 5280 Hopyard, Pleasanton 94566---The City of Pleasanton administers the UST Program in that city. No files currently exist for that location in this office. Contact the City of Pleasanton for more information.
- (R0206) 2. 7007 San Ramon Valley Blvd., Dublin 94568---An interim permit was issued September 10, 1991. The final permit for this site is pending and is expected to be issued within the next ten days.
- (R0350) 3. 5269 Crow Canyon Road, Castro Valley 94552---This site is no longer owned or operated by Chevron. However, on March 2, 1988 Chevron was issued an interim permit. The permit was valid for six months. A final permit was not issued.
- (R01030) 4. 997 Grant Avenue, San Lorenzo 94580---This site is closed and currently undergoing remediation. No permits were issued for the operation of the UST.
- (R0335) 5. 2340 Otis Drive, Alameda 94501---The final permit for this site is pending and is expected to be issued within the next ten days.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R01030

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

December 31, 1991

Nancy Vukelich
Chevron U.S.A. Inc.
2410 Camino Ramon
San Ramon CA 94583-0804

STID: 775

RE: **Groundwater Contamination at Former Chevron Station 9-5630
997 Grant Av., San Lorenzo**

Dear Ms. Vukelich:

I have reviewed the September, 1991 Quarterly Groundwater Sampling Report prepared for the above referenced site. The September groundwater analysis results indicate that high levels of petroleum hydrocarbon contamination exist beneath the site. These findings necessitate that Chevron undertake further investigation to define the contaminant plume. Once the extent of the plume has been better identified, Chevron must take diligent action to contain and mitigate its impact.

You stated in your cover letter to the Report that Chevron would continue to sample the site and report findings on a quarterly basis. You further stated that at the end of one year of sampling, Chevron would evaluate the groundwater data and formulate appropriate actions. **In addition, this office requires that Chevron install additional wells to better define the extent of groundwater contamination.** Please also submit a written timetable defining your time period for installing additional wells, gathering data, and implementing remediation. **You must submit your workplan, including a diagram of proposed well locations, no later than February 15, 1992.**

You may contact me with any questions at (510)271-4320.

Sincerely,

Pamela J. Evans
Hazardous Materials Specialist

c: Eddy So, Regional Water Quality Control Board
Beth D. Castleberry, Ware & Freidenrich