

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO # 1035

StID 1546

2/1/1999

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

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

RE: Remedial Action Completion at 15526 Hesperian Blvd, San Lorenzo, CA

Dear Mr. Briggs:

I have received, and reviewed the information package as well as your letter dated January 25th, 1999. This office concurs with your proposal for the site closure for the above referenced site and concur that no further action related to the underground tank release is required at this time.

Per our discussion, and the documentation received, all monitoring wells have already been properly destroyed. You will receive the "Remedial Action Final Certification" from this office shortly.

If you have any questions, I can be reached at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Beryl I. Bearint Tru, P.O. Box 7611, San Francisco, CA 94120
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Ro# 1035

StID 1546

2/1/1999

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

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

RE: Remedial Action Completion at 15526 Hesperian Blvd, San Lorenzo, CA

Dear Mr. Briggs:

I have received, and reviewed the information package as well as your letter dated January 25th, 1999. This office concurs with your proposal for the site closure for the above referenced site and concur that no further action related to the underground tank release is required at this time.

Per our discussion, and the documentation received, all monitoring wells have already been properly destroyed. You will receive the "Remedial Action Final Certification" from this office shortly.

If you have any questions, I can be reached at (510) 567-6876.

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Beryl I. Bearint Tru, P.O. Box 7611, San Francisco, CA 94120
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#1035

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

StID 1546

October 29, 1998

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

RE: Well Decommission at 15526 Hesperian Blvd, San Lorenzo, CA 94580

Dear Mr. Briggs:

This office has reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring wells (MW-1, MW-2, MW-3,.... AND MW-8) should be decommissioned, if they will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Public Works. They can be reached at (510) 670-5575.

If you have any questions, I can be reached at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Beryl I. Bearint Tru, P.O. Box 7611, San Francisco, CA 94120

1546mwdestruction

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 1035

StID 1546

October 19, 1998

Mr. Mark Miller
Chevron U.S.A
P.O. 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: Well Decommission at 15526 Hesperian Blvd, San Lorenzo, CA 94580

Dear Mr. Miller:

This office has reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring wells (MW-1, MW-2, MW-3, AND MW-4) should be decommissioned, if they will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Public Works. They can be reached at (510) 670-5575.

If you have any questions, I can be reached at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Beryl I. Bearint Tru, P.O. Box 7611, San Francisco, CA 94120

1546mwdestruction

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0# 1035

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

(510) 337-9335 (FAX)

July 14, 1998

STID#1546

Ms. Tammy Hodge
PO Box 5004,
San Ramon, CA 94583

Subject: Former Chevron Station, 15526 Hesperian Blvd., San Lorenzo, CA 94580

Dear Ms. Hodge:

This office is in the process of writing a "Case Closure Summary" for the purpose of expediting the proper closure of the aforementioned site. Thank you for submitting the requisite documentation.

While reviewing the documents submitted by Cambria Environmental Technology, Inc., your consultant of record, there appears to be an inconsistency in the facts as submitted. Upon physical inspection of the property, there does not appear to be the same number of monitoring wells on site as are indicated in your own case closure summary. The number of wells indicated to be on site is seven (7). The number actually encountered on site is one (1). It should be noted that the wells could have been removed during the construction of the "Insta-Lube" facility currently operating at the former site.

Please request that your consultant confirm the proper number of wells actually "on site". Documentation should also be submitted indicating the date the monitoring wells were removed, and by whom. Following the submission of said documentation, closure of the site will be facilitated. It should be noted that a preliminary "draft" of the "case closure summary" has already been completed by this office. If you have any questions, please do not hesitate to call this office. The telephone number is (510) 567-6737.

Sincerely,

Brian P. Oliva, REHS, REA
Hazardous Material Specialist

C: N Scott Mcleod, Cambria Environmental Technologies

bc

**ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY**

DAVID J. KEARS, Agency Director



R0#1035

RAFAT A. SHAHID, Director

StID 1546
January 10, 1996

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

Mark Miller
Chevron U.S.A. Products Company
PO Box 5004
San Ramon CA 94583-0804

**Subject: Investigations at the Former Chevron Service Station #9-2384 located at
15526 Hesperian Blvd., San Lorenzo, CA**

Dear Mr. Miller:

This office has completed a review of Gettler-Ryan Inc.'s Well Installation Report, dated October 20, 1995, and Blaine Tech Services Inc.'s Third Quarter 1995 Groundwater Monitoring report for the subject site. Monitoring wells MW-7 and MW-8 were installed to assist in delineating the extent of groundwater contamination and to replace monitoring wells MW-2 and MW-3 which had been abandoned in June 1995.

We are also in receipt of your letter dated December 26, 1995 in which you request concurrence on a new groundwater sampling schedule for this site. This office approves of your plans to modify groundwater sampling for the subject site as follows:

<u>Well ID</u>	<u>Sampling schedule</u>
MW-5	Annual (1st quarter)
MW-6	Semi-annual (1st and 3rd quarters)
MW-7	Semi-annual (1st and 3rd quarters)
MW-8	Semi-annual (1st and 3rd quarters)

Please submit groundwater monitoring reports to this office on a semi-annual basis for this site until further notice. In addition, please begin analyzing for Methyl Tertiary Butyl Ether (MTBE) at the subject site during the next groundwater sampling event. Attached is a letter from the San Francisco Regional Water Quality Control Board dated May 2, 1995 which requires reporting of (MTBE) at all sites where a gasoline release occurred after 1983.

If you have questions or comments, please call me at (510)567-6755.

Sincerely,

Amy Leech
Hazardous Materials Specialist

ATTACHMENT

Chevron/Miller

Re: 15526 Hesperian Blvd.

January 10, 1996

Page 2 of 2

JS

c:

Beryl I. Bearint Trust

PO Box 7611

San Francisco CA 94120

Gordon Coleman - File (ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01035

RAFAT A. SHAHID, DIRECTOR

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

StId 1546

August 3, 1995

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

Subject: Investigations at Former Chevron Service Station #9-
2384 located at 15526 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Miller:

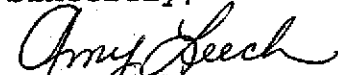
This office has reviewed Gettler-Ryan Inc.'s workplan dated July 21, 1995, for the subject site. This workplan proposes to install two monitoring wells, MW-7 and MW-8, to replace monitoring wells MW-2 and MW-3 which were destroyed due to pending construction activities at the subject site. This workplan is acceptable to this office with the following additions/comments:

1. Screen placement for the monitoring wells should range from 10 feet below to 5 feet above the water table.
2. Submit the proposed "site-specific safety plan" to this office for review prior to starting work.

In regard to your letter dated July 24, 1995, this office advises Chevron to notify the appropriate parties in regard to the need for a health and safety plan to protect on-site construction workers from potential exposure to petroleum contaminated soils or potential vapors resulting from groundwater contamination at the subject site during construction activities.

Please notify this office at least 72 hours before implementing the workplan. If you have questions or comments, please call me at (510) 567-6755.

Sincerely,


Amy Leech

Hazardous Materials Specialist

c: Ms. Argy Leyton
Gettler-Ryan Inc.
6747 Sierra Ct., Suite J
Dublin CA 94568

Mr. Andy On
Insta-Lube
736 West MacArthur Blvd.
Oakland Ca 94609

Acting Chief of Environmental Protection - File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01035

RAFAT A. SHAHID, DIRECTOR

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

June 26, 1995

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

StId 1546

Subject: Investigations at Former Chevron Service Station #9-
2384 located at 15526 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Miller:

This office is in receipt of your letter dated June 15, 1995, and concurs with your plans to abandon monitoring wells MW-1, MW-2, MW-3, and MW-4 at the subject site. Per our conversation today, you plan to submit a work plan to this office by July 10, 1995. This work plan will propose the installation of monitoring wells MW-7 and MW-8 to replace MW-2 and MW-3, respectively. If possible, please include the results of the utility line survey in this work plan.

As we discussed, a health and safety plan should be prepared that addresses monitoring for and worker protection from potential exposure to contaminants at this site during construction activities. In addition, please notify this office immediately if contamination is suspected during excavation/construction activities.

Please call me at (510)567-6755 if you have questions or comments.

Sincerely,

Amy Leech
Hazardous Materials Specialist

c: Acting Chief of Environmental Protection - File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R01035

RAFAT A. SHAHID, Assistant Agency Director

July 21, 1994

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

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY, 2ND FLOOR
ALAMEDA, CA 94502-6577

STID 1546

Re: Investigations at Former Chevron Service Station #9-2384,
located at 15526 Hesperian Blvd., San Lorenzo, California

NOTICE OF VIOLATION

Dear Mr. Miller,

On March 7, 1994, this office sent you a letter requiring Chevron to submit a timeline for the destruction and installation of monitoring wells at the above site by April 4, 1994. To this date, this office has not received this information.

The last ground water sampling report this office received for the site was in September 1993. Per Article 5 Title 23 California Code of Regulations, Chevron is required to conduct quarterly ground water sampling and monitoring until the site qualifies for case closure. The site is currently delinquent in quarterly sampling by over two quarters.

You are required to submit the above required timeline and a ground water sampling report, or the timeline, incorporating a projected date for the next feasible quarterly sampling event, **within 45 days** of the date of this letter.

If you have any questions or comments, please contact me at (510) 337-2874 or (510) 337-2864.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

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

Mr. Mark Miller
Re: 15526 Hesperian
July 21, 1994
Page 2 of 2

Alan Gordon
524 30th Ave., Ste 206
San Francisco, CA 94121

Dr. Beryl I Bearint
19135 SE Coral Reef Lane
Jupiter, Florida 33458

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RD1035

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

March 7, 1994

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

STID 1546

Re: Proposal for relocation of monitoring wells at 15526
Hesperian Blvd., San Lorenzo, California

Dear Mr. Miller,

This office received Chevron's March 1, 1994 proposal for the relocation of Wells MW-2 and MW-3 for the above site, and the revised location for relocating Well MW-3, dated March 7, 1994. These proposals are acceptable to this office. On the condition that Wells MW-2 and MW-3 be relocated to these proposed locations, construction of the building may begin. Please submit a timeline for the destruction and installation of the monitoring wells, including the next anticipated quarterly monitoring event, within 30 days of the date of this letter.

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

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Alan Gordon
524 30th Ave., Ste 206
San Francisco, CA 94121

Dr. Beryl I. Bearint
19135 SE Coral Reef Lane
Jupiter, Florida 33458

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01035

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 23, 1994

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

STID 1546

Re: Relocation of monitoring wells in response to the proposed
Oil Changers facility at Former Chevron Station #9-2384,
located at 15526 Hesperian Blvd., San Lorenzo, CA

Dear Mr. Miller,

On December 30, 1993, Alan Gordon, realtor, initially requested this office to write a letter approving the construction of an oil changing facility at the above site. It was apparent from our conversation that the reconstruction would require the destruction of several of the on-site monitoring wells. Although it is not within the Local Oversight Program's (LOP) purview to determine what types of businesses may be constructed at this site, LOP is responsible for seeing that the proposed reconstruction does not negatively impact the ongoing investigations and cleanup, and can review and approve plans proposing to rectify any impacts such developments may have on these investigations.

Subsequent to my conversations with Mr. Gordon in December 1993, I had a couple of conversations with you in January 1994, discussing the need to relocate the monitoring wells proposed for destruction. I requested that you submit a proposal showing where these monitoring wells would be relocated. On February 3, 1994, a conference call between you, Scott Seery, and myself, was initiated by this office, at which time we requested the submittal of a figure showing the location of the proposed building, and the new locations of the replacement wells for our review, before we could consider issuing a letter approving the proposed construction. This conference call ended with Chevron's agreement to relocate the wells as necessary and to submit the above proposal.

However, subsequent to the conference call, Chevron submitted a letter, dated February 17, 1994, recommending that the wells impacted by the construction, Wells MW-2, MW-3, and MW-4, not be relocated, but rather, be abandoned. This letter suggested that the remaining Wells MW-5 and MW-6 would serve as an adequate

Mr. Mark Miller
Re: 15526 Hesperian Blvd.
February 24, 1994
Page 2 of 3

substitute for MW-2, MW-3, and MW-4. However, having reviewed the case files, this office feels that Wells MW-5 and MW-6, in the absence of Wells MW-2, MW-3, and MW-4, will not adequately provide the well coverage to monitor the extent of the ground water contaminant plume.

The ground water flow direction appears to range from northwest to southwest, and Well MW-6 only addresses the northwest portion of this range. Well MW-3 must be relocated so that it addresses the west/southwest portion of the contaminant plume. Ground water samples collected from Well MW-3 have consistently identified elevated levels of contaminants, whereas contaminant concentrations from Well MW-6 appear to be fairly erratic. This phenomena may be a function of the different suite of sediments encountered in these wells and through which each one screened. Specifically, Well MW-3 screens through large lenses of gravel-dominated lithology, through which contaminants may preferentially tend to migrate. Well MW-6 screens through the more common soil types of the area, sand/clayey sand. Therefore, to appropriately evaluate the downgradient extent of the plume, Well MW-3 must be relocated downgradient, or west of the proposed building, preferably within the gravel lenses where possible.

Ground water samples collected from Well MW-2 have also consistently identified elevated levels of contaminants. Well MW-5, on the other hand, located across Sycamore Street to the north, has consistently reflected NonDetect (ND) results. This office feels that MW-5 will not be able to adequately replace MW-2 because it is located approximately 30 feet cross-gradient of Well MW-2, and because there appears to be a sewer line running below and parallel to Sycamore St., located approximately 10 or 11 feet below ground surface. Water and electrical lines also run through this corridor, although exact depths are not known. These utility lines may already influence flow direction and plume migration, such that Well MW-5 would not be capable of detecting contaminants migrating off site. MW-2 will need to be replaced within the same general location, within the proposed storage area of the building if possible, or within the proposed landscaped area, located between Sycamore Street and the proposed building.

It appears that Well MW-4 can be abandoned at this time.

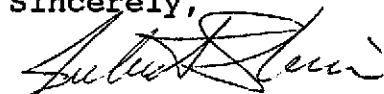
It is the understanding of this office that construction of the building will not involve excavating down to the water table or down to the remaining contaminated soil, identified from Well MW-3 at 14 feet below ground surface. However, if contaminated

Mr. Mark Miller
Re: 15526 Hesperian Blvd.
February 24, 1994
Page 3 of 3

soil or ground water is encountered, this contamination will need to be properly handled and disposed. Additionally, please be aware of the potential for exposure to construction workers, as well as those employed in the completed facility, once open, from these contaminants. Such potential exposure creates the need for Health and Safety issues to be addressed. Prior to the proposed construction of this facility, you will be required to submit a project Health and Safety plan for review.

With the implementation of the above conditions, this office finds the construction of the new building acceptable. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Alan Gordon
524 30th Ave., Ste 206
San Francisco, CA 94121

Dr. Beryl I. Bearint
19135 SE Coral Reef Lane
Jupiter, Florida 33458

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01035

RAFAT A. SHAHID, Assistant Agency Director

May 11, 1993

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 1546

Re: Work plan for Former Chevron Service Station #9-2384,
located at 15526 Hesperian Blvd., San Lorenzo, California

Dear Mr. Miller,

This office has reviewed Groundwater Technology's work plan, dated April 30, 1993, for the installation of additional monitoring wells at the above site. The work plan is acceptable to this office, and according to the work plan, this work will be implemented immediately after the County's approval of this plan. A report documenting the work shall be submitted to this office within 45 days after completing the field work.

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

Sincerely,

Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Dr. Beryl I. Bearint
19135 SE Coral Reef Lane
Jupiter, Florida 33458

Sandra Lindsey
Ground water Technology, Inc.
4057 Port Chicago Hwy.
Concord, CA 94520

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01035

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

May 7, 1993

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

STID 1546

Re: The Former Chevron Service Station #9-2384, located at
15526 Hesperian Blvd., San Lorenzo, California

Dear Mr. Miller,

Per a letter from you to this office, dated February 27, 1993, you stated that a work plan, addressing the installation of additional monitoring wells, would be prepared and submitted to this office by the end of April 1993. To this date, this office has not received the work plan or any word of the status of this work plan.

The levels of TPHg and benzene being identified in Wells MW-2 and MW-3 do warrant the installation of additional wells for delineating this plume. Please submit a work plan addressing this issue within 45 days of the date of this letter.

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

Dr. Beryl I. Bearint
19135 SE Coral Reef Lane
Jupiter, Florida 33458

Sandra Lindsey
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



R01035

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

October 28, 1992

Dr. Beryl I. Bearint
19135 SE Coral Reef Lane
Jupiter, Florida 33458

STID 1546

RE: The Former Chevron Service Station #9-2384, located at
15526 Hesperian Blvd., San Lorenzo, California

Dear Dr. Bearint,

This office is writing you in response to your letter, dated November 22, 1992, in which you gave a list of questions that you wanted answered regarding investigations at the above site. Below is the list of your questions with the County's responses:

- 1) "For what generic contaminants are the wells being monitored"?

Three gasoline underground storage tanks, two 10,000-gallon tank and one 6,000-gallon tank, were removed from the site in May 1991. Soil and ground water samples collected from the site have been analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg) and benzene, toluene, xylenes, and ethyl benzene (BTEX) using EPA Methods 5030/8020/8015. Analysis of these constituents is required for gas tanks in Table 2 of the California Regional Water Quality Control Board's (RWQCB) Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

- 2) "What contaminants are being found at present"?

According to Groundwater Technology, Inc.'s Environmental Assessment Report, dated July 16, 1992, that was prepared for Chevron, three monitoring wells were installed at the site in May and June of 1992. One soil sample was collected and analyzed from MW-1 and two soil samples were collected and analyzed from each of the Wells MW-2 and MW-3 during the well installations. One soil sample, collected from a depth of 14 feet from MW-3 identified 400 parts per million (ppm) TPHg, benzene at 0.34 ppm, toluene at 1.1 ppm, ethyl benzene at 6.2 ppm, and xylenes at 4.7 ppm.

Dr. Bearint
RE: 15526 Hesperian Blvd.
October 28, 1992
Page 2 of 3

Additionally, analysis of the ground water samples collected from the three wells in June 1992 identified 6,700 parts per billion (ppb) TPHg and 910 ppb benzene from Well MW-2, and 460 ppb TPHg and 12 ppb benzene were identified from Well MW-3.

- 3) "What is the significance of the quantity of the contaminants"?

Contaminants in both soil and ground water were observed to exceed acceptable levels. The standard clean up levels for TPHg and BTEX is < 10 ppm TPHg in soil, and < 1ppb benzene in ground water. There are no set clean up levels for TPHg in ground water, however, the goals of both the County and RWQCB are to remediated the soil and ground water to non detect levels.

- 4) "Will additional wells be necessary"?

Section 2725 of Article 11, Title 23 of the California Code of Regulations, requires that investigations be conducted to determine the nature and vertical and lateral extent of contaminants in both soil and ground water. The lateral extent of both the soil and ground water contamination has not yet been determined at the site. In order to delineate the extent of the ground water contaminant plume resulting from a release at the site, additional wells will be required to be installed.

- 5) "Does your office have a prohibition for any use of the property? If so, what shall be required to release the property?"

So long as any future sale and subsequent construction on the property does not hinder the soil and ground water investigations and corrective action measures required at the site, it appears that no prohibition for use of the property would exist. However, there may be some exceptions, such as use of the property for a daycare center or another purpose that may expose an extra sensitive population, such as children under 7 years of age, to a potential threat. Further questions on this issue should probably be directed to RWQCB.

Dr. Bearint
RE: 15526 Hesperian Blvd.
October 28, 1992
Page 3 of 3

6) "Is adjacent properties affected"?

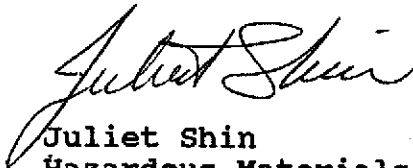
In looking at the ground water sample analysis results for June 1992, it appears that the ground water contaminant plume may be migrating off site towards Sycamore Street. Elevated concentrations of TPHg and benzene (6,700 ppb and 910 ppb) were identified from Well MW-2, which is located along the northern border of the property, indicating that the plume may be migrating off site.

7) "What is the inherent effect of the particular contaminants"?

Of the contaminant constituents identified in the soil and ground water samples collected from the site, benzene is of greatest concern since it has been determined to be a carcinogen. However, all the other constituents identified in the samples could also be a threat to the potential drinking water source.

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

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Edgar Howell/files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01035

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

October 8, 1992

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

STID 1546

RE: Former Chevron Service Station #9-2384, located at 15526
Hersperian Boulevard, San Lorenzo, California

Dear Mr. Miller,

This office has received the Environmental Assessment Report, dated July 16, 1992, for the above site. The laboratory analysis results for the ground water collected from the three newly installed monitoring wells have identified high concentrations of Total Petroleum Hydrocarbons as gasoline (TPHg) and BTEX in two of the three wells. Additionally, a soil sample collected from Well MW-3 identified 400 parts per million TPHg.

The above results indicate that there are unacceptable concentrations of contaminants in both the soil and ground water at the site. Consequently, in addition to continued quarterly monitoring, you will eventually be required to install additional wells to delineate the extent of the ground water contaminant plume and address the remediation of this soil and ground water contamination before this site can be certified for closure by the County and the California Regional Water Quality Control Board.

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

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Jim Ferdinand, Eden Consolidated Fire Dept.

Mr. Mark Miller
RE: 15526 Hesperian Blvd.
October 8, 1992
Page 2 of 2

Beryl Bearint Trust
19135 Southeast Coral Reef Lane
Jupiter, Florida 33458

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01035

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 28, 1992

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

STID 1546

RE: Former Chevron Service Station #9-2384, located at 15526
Hesperian Boulevard, San Lorenzo, California 94580

Dear Ms. Vukelich,

This office has received and reviewed the addendum modifying the work plan dated November 4, 1991, and approves of this modified plan. Please notify the Hazardous Materials Division when Chevron begins implementing the work plan.

Groundwater elevations are to be measured monthly for 12 consecutive months and then quarterly thereafter. Groundwater gradient maps must be developed for each water level monitoring event occurring at the site. Additionally, groundwater samples are to be collected and analyzed quarterly until further notice.

Please be reminded that a report documenting the results from work performed is due to this office within 45 days of completion of field activities. Subsequent monitoring reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off".

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: Eddy So, RWQCB
Gene Walker, Eden Consolidated Fire Dept.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01035

RAFAT A. SHAMIE, Assistant Agency Director

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

January 22, 1992

STID# 1546

Beryl I. Bearint Trust
P.O. Box 7611
San Francisco, CA 94583

Chevron U.S.A. Inc.,
Attn: Nancy Vukelich
2410 Camino Ramon,
San Ramon, CA 94583

Subject: Chevron Station #92834, 15526 Hesperian Blvd., San
Lorenzo, CA 94580

Dear Ms. Vukelich:

This office is in receipt of the addendum to the workplan dated
November 4, 1991, submitted by Pacific Environmental Group Inc.
(PEG). Thank you for the prompt attention given the
investigation of the above site.

Upon review of the document, this office now concurs with the
proposed workplan as submitted. Please commence work at the site
following forty-eight (48) hours to this office.

If you have any questions concerning the above site, please
contact Brian P. Oliva, Hazardous Materials Specialist at (510)
271-4320.

Sincerely,


Thomas Peacock,
Supervising Hazardous Materials Specialist

BPO/1/92

cc: Eddie So, SPBRWQCB
Jerry Mitchell, Pacific Environmental Group

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R01035

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

August 7, 1991

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

**RE: Requirement for Soil and Groundwater Investigation at Former
Underground Fuel Tank Storage Site
15526 Hesperian Blvd.
San Lorenzo CA 94580**

Dear Ms. Vukelich:

On May 30, 1991 three underground fuel tanks were removed from the above referenced property. Total Petroleum Hydrocarbon (TPH) constituents found beneath the excavated gasoline tanks and pump islands were as high as 2,800 parts per million (ppm) in native soil. Whenever TPH concentrations exceed 100 ppm in undisturbed native soil in an area of shallow groundwater, as was the case at your site, Regional Water Quality Control Board guidelines require a follow up groundwater investigation.

You are required to investigate the full depth and lateral extent of petroleum contamination affecting soil and groundwater at and beyond your site. Soil contamination must be investigated and remediated. At a minimum, you must install three groundwater monitoring wells onsite. You must sample for depth to groundwater as well as for floating petroleum product and dissolved gasoline constituents. These constituents include Total Petroleum Hydrocarbons as gasoline (TPHg) and benzene, toluene, ethyl benzene, and xylene (BTEX). Wells must be sampled monthly for a minimum of three months. Afterwards, all monitoring wells must be sampled at least quarterly for a minimum of one year. We require that you submit a site specific work plan that outlines the manner in which subsurface contamination will be investigated and that includes a timetable for completion. **You must submit this work plan by September 30, 1991.**

All work must be performed according to the Regional Water Quality Control Board guidelines, which can be found in the **Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks, August 1990.** Copies of this document can be obtained from RWQCB.

A groundwater gradient map must be developed for the site. A technical report must be submitted within three months of the time that the first sampling results are available. This report

Nancy Vukelich
Chevron U.S.A. Inc.
August 7, 1991
Page 2 of 2

must present and interpret the information generated during the initial subsurface investigation.

All reports and proposals must be signed by a California-Certified Engineering Geologist, California-Registered Geologist, or a California-Registered Civil Engineer. All proposals, reports, and analytical results pertaining to this investigation and site remediation must be sent to this office and to:

Eddie So
RWQCB
2101 Webster St., 4th Floor
Oakland CA 94612

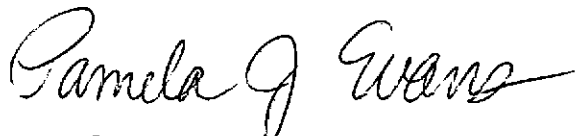
I understand that monitoring wells existed at the site prior to the tank removal. Please supply information to this agency regarding the location, sampling history and results, as well as the fate of any wells that currently exist or that have existed on or in the vicinity of the above referenced site for the purpose of monitoring groundwater contamination originating from or affecting the site.

Please also supply this office with a copy of the Sequoia Analytical Laboratories analysis report.

You must also complete and return an Underground Storage Tank Contamination Site Report by August 20, 1991. I have enclosed a form.

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

Sincerely,



Pamela J. Evans
Hazardous Materials Specialist

Enclosure

c: Eddie So, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R01035

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

December 26, 1990

A. M. Meier
Chevron USA
2410 Camino Ramon
San Ramon CA 94583-0804

RE: Hazardous Materials Management Plan for Jolly Roger's Car Wash
15526 Hesperian Blvd., San Lorenzo CA 94580

Dear Mr. Meier:

I have reviewed the HMMP submitted for the above referenced site. Some additional information is required in order for this document to be considered complete:

1. Emergency Response Plans and Procedures and Employee Training Program: Apparently attachments intended to be sent with the plan were not forwarded to this office. A note was typed into the spaces provided for these sections (L and M on page 16 of the form) instructing the reveiwer to refer to attached documents.
2. Hazardous Waste Inventory: Most car wash businesses generate a large volume of waste water that is processed through an oil/water separater before being discharged to the sanitary sewer. The oil component is handled as a hazardous waste. If your business generates this type of waste and stores it in quantities greater than 55 gallons at any given time, it must be listed on your HMMP inventory.

You may supply the requested information in the form of an addendum to your Hazardous Materials Management Plan. The information must be submitted to this office by **January 26, 1991**. You may contact me with any questions at 271-4320.

Sincerely,

Pamela J. Evans
Hazardous Materials Specialist

c: Roger Craig, Jolly Roger's Car Wash
David Johnson, Chevron USA