

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



F

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

April 27, 2007

Mr. Tom Bauhs
Chevron Environmental Management Co., K2204
6001 Bollinger Canyon Rd.
San Ramon, CA 94583

Mr. Leonard Ratto
Ratto Land Company
P.O. Box 6104
Oakland, CA 94603-0104

Dear Messrs. Bauh and Ratto:

Subject: Fuel Leak Case No. RO0000233, Chevron #9-4612, 3616 San Leandro St.,
Oakland, CA 94601

Alameda County Environmental Health (ACEH) staff has reviewed the files for the subject site including the March 12, 2007 Soil Vapor Investigation Workplan by Cambria, now CRA. This work plan proposes the installation of four permanent soil vapor probes inside the existing warehouse building and the collection of soil samples from each of the boreholes. Two of the borings would be located near the western building boundary to assess potential threat to nearby residences and two would be located near the former USTs. Although we generally agree with this work, we have the following technical comments and requests that we would like you to address when performing this work. Our observations have identified additional data gaps in addition to the proposed soil vapor sampling necessary for site closure.

TECHNICAL COMMENTS

1. Site Figure Presentation and Accuracy- We notice that figures for this site have omitted details that would be necessary to understand the potential sources. We also note discrepancies in data point locations on your figures. All figures should show the locations of the four former USTs and dispenser islands. Soil boring SB-1 is shown to be located between VB-1 and VB-2 in Figure 2 of the soil vapor work plan, however, in the original 8/95 investigation the location of SB-1 is on the east side of the north dispenser, near GP-2. Please clarify this discrepancy.
2. Site Characterization- There is generally a lack of any information, analytical or hydrogeology within the existing building and near the former tanks. Groundwater data is limited to that from VH-1, although this well is believed to be down-gradient of the former USTs and therefore of the release. It is uncertain which tanks and from which locations releases occurred. Given the proposal to install permanent soil vapor wells inside the building, we feel it is also necessary to obtain enough soil and groundwater data to adequately characterize the former tank area. We believe two

additional borings inside the warehouse are necessary to do this. Please refer to the attached Revised Figure 2 to see our recommended locations. We also recommend contamination detected in SB-1 be further delineated.

3. Sampling- As stated previously, there is little data on the residual soil and groundwater contamination in the area of the former USTs. Therefore, we request that the proposed borings be advanced to a depth to allow the collection of a grab groundwater sample, in addition to taking a continuous core sample for observation, screening and sampling. We recommend soil sampling every five feet, at changes in lithology and where there is evidence of contamination. We concur with the proposed chemical analysis for TPHd, TPHg, BTEX and MTBE. Unless, they have already been analyzed, we also request that the other oxygenates and lead scavengers also be included in your analysis. Unless sampling of soil and groundwater can be done in the same borehole as that proposed for the soil vapor probes, you may consider advancing adjacent borings strictly for your soil vapor probes.

TECHNICAL REPORT REQUEST

Please submit the following technical report according to the following schedule:

- May 18, 2007- Revised work plan for sampling soil and groundwater and site characterization
- June 29, 2007- Soil, Groundwater and Soil Vapor Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information at (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

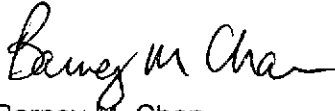
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos

Ms. Christene Sunding, CRA Inc., 2000 Opportunity Drive, Suite 110, Roseville,
CA 95678

Mr. Terry McIlraith, 407 Castello Road, Lafayette, CA 94549

4_27_07 3616 San Leandro St

C A M B R I A

March 30, 2007

Barney Chan
Alameda County
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: **Project Manager Contact Change**
Former Chevron Service Station 94612
3616 San Leandro Street
Oakland, CA



Dear Barney Chan,

On behalf of Chevron Environmental Management Company (Chevron), Cambria Environmental Technology, Inc. (Cambria) is writing to inform you of management changes regarding the referenced site.

The Chevron project manager is changing from Dana Thurman to Tom Bauhs

- Mr. Tom Bauhs, Chevron Environmental Management Company, K2204, 6001 Bollinger Canyon Rd, San Ramon, CA 94583, (925) 842-3334, tbauhs@chevron.com

Please note these changes, effective immediately, for future correspondence. Thank you for your assistance.

Sincerely,

Cambria Environmental Technology, Inc.

Judith Moore
Office Administrator

cc: Tom Bauhs, Chevron Environmental Management Company

Environmental Management
Company
6001 Bollinger Canyon Rd, L4050
P.O. Box 6012
San Ramon, CA 94583-2324
Tel 925-842-1589
Fax 925-842-8370

Karen Streich
Project Manager

December 31, 2003

R0233

ChevronTexaco

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Alameda County

JAN 6 6 2004

Environmental Health

Re: Chevron Service Station # 9-4612

Address: 3616 San Leandro Street, Oakland, California

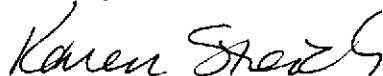
I have reviewed the attached routine groundwater monitoring report dated December 11, 2003.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Karen Streich
Project Manager

Enclosure: Report



DEC 18 2001

3164 Gold Camp Drive
Suite 200
Rancho Cordova, California 95670-6021
916/638-2085
FAX: 916/638-8385

December 14, 2001

233

Mr. Cesar Paredes
Mr. Humberto Mejia
3608 San Leandro St.
Oakland, California 94601

Subject: Access for Environmental Investigation at 3608 San Leandro, Oakland, CA

Mr. Paredes and Mr. Mejia:

Chevron Products Company (Chevron) is conducting an environmental investigation into the release of gasoline at their former service station site located at 3616 San Leandro Street in Oakland, CA. The Alameda County Environmental Health Department has requested that Chevron evaluate whether impact from this gasoline release extends off-site to the west. The western portion of the former Chevron site currently occupied by a warehouse, making it impossible to place soil borings in this area.

Your property at 3608 San Leandro Street is situated immediately adjacent to the western boundary of the former Chevron station. In a letter dated November 16, 2001, Delta Environmental Consultants Inc. network associate Gettler-Ryan Inc. (GR) on behalf of Chevron requested access to your property for one day to collect soil and groundwater samples from two temporary soil borings (copy of letter attached). Copies of an access agreement were attached to the November 16 letter. To date we have not received a response to our request for access.

Chevron would like to proceed with this work immediately. Please review the access agreements that were attached to the November 16, 2001 letter at your earliest convenience. If they are acceptable, please sign them and return them to Chevron. If you require additional copies of the agreements or have questions regarding the proposed work please contact GR at 916-631-1300. If you have questions regarding the access agreement itself please contact Mr. Tom Bauhs, Chevron Environmental Project Manager for this site, at 925-842-8898. The courtesy of a prompt response would be greatly appreciated.

Sincerely,
DELTA ENVIRONMENTAL CONSULTANTS, INC.
Network Associate **GETTLER-RYAN INC.**


Geoffrey D. Risse
Project Geologist

Attachments: Copy of November 16, 2001 letter
Figure 2, Site Plan

DG94612G.4C01

Mr. Cesar Paredes
Mr. Humberto Meija
December 14, 2001
Page 2

Cc: (w/o attachments)

Mr. Barney Chan, Alameda County Health Care Services Agency Environmental Health
Department, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502
Mr. Thomas Bauhs, Chevron Products Company, P.O. Box 6004, San Ramon, CA 94583
Mr. Jim Brownell, Delta Environmental Consultants, Inc., 3164 Gold Camp Drive, Suite 200,
Rancho Cordova, CA 95670



Delta
Environmental
Consultants, Inc.

3164 Gold Camp Drive
Suite 200
Rancho Cordova, California 95670-6021
916/638-2085
FAX: 916/638-8385

NOV 20 2001

H
233

November 16, 2001

Mr. Cesar Paredes
Mr. Humberto Mejia
3608 San Leandro St.
Oakland, California 94601

Subject: Access Agreement for Environmental Investigation at 3608 San Leandro, Oakland, CA

Mr. Paredes and Mr. Mejia:

At the request of Chevron Products Company (Chevron), Delta Environmental Consultants, Inc. network associate Gettler-Ryan Inc. (GR) is requesting permission to allow Chevron to enter your property at 3608 San Leandro Street in Oakland to perform environmental assessment work.

Chevron is investigating a release of gasoline at its former station #9-4612, located at 3616 San Leandro Street in Oakland. The Alameda County Environmental Health Department (ACEHD) is requiring Chevron to perform additional environmental assessment work west and northwest of the former station. To comply with this request, Chevron has proposed to assess soil and groundwater west and northwest of the former station, along the southeastern boundary of your property. An abridged copy of the report proposing this work is attached. The proposed scope of work was approved by ACEHD in a letter dated March 15, 2001 (copy attached).

The work will involve digging two holes approximately 4 inches in diameter to a depth of 10.5 feet below ground surface. Proposed locations of these holes are shown on Figure 2 of the attached report. GR will collect soil and groundwater samples from these holes, then backfill the holes to ground surface. Soil from these holes will be removed from your property immediately. This work should only take one day to complete, and every effort will be made to limit interference with your use of the property. This will be a one-time sampling event; additional work on your property is not anticipated. A copy of the results from this sampling will be given to you. A permit for the work will be obtained from the Alameda County Public Works Agency, and the work will be performed according to Alameda County guidelines.

I have attached three copies of Chevron's site access agreement. This is a legal document and you may wish to have an attorney review it. If you agree to allow Chevron to enter the property to complete this required work, please sign and return two copies of the access agreement to Mr. Thomas Bauhs, Chevron Products Company, P.O. Box 6004, San Ramon, CA 94583. An addressed, stamped envelope is included for your convenience. Once Mr. Bauhs signs the agreements, a copy will be returned to you for your records. Your prompt attention to this matter would be greatly appreciated.

DG94612G.4C01

Access Agreement Letter – Former Chevron #9-4612, Oakland, CA
November 16, 2001

Please call me at 916.631.1300 if you have any questions regarding the proposed scope of work.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.
Network Associate **GETTLER-RYAN INC.**



Geoffrey D. Risse
Project Geologist

Attachments: Access agreement (3)
Site Conceptual Model report
ACEHD Letter

Cc: (w/o attachments)

Mr. Barney Chan, Alameda County Health Care Services Agency Environmental Health
Department, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502
Mr. Thomas Bauhs, Chevron Products Company, P.O. Box 6004, San Ramon, CA 94583
Mr. Jim Brownell, Delta Environmental Consultants, Inc., 3164 Gold Camp Drive, Suite 200,
Rancho Cordova, CA 95670

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

March 15, 2001
StID # 4249

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

**Re: Site Conceptual Model for Former Chevron Service Station #9-4612,
3616 San Leandro St., Oakland CA 94601**

Dear Mr. Bauhs:

Our office has received and reviewed the December 14, 2000 Site Conceptual Model (SCM) for the above referenced site as prepared by Delta Environmental Consultants, Inc. I have also spoken with Mr. Stephen Carter of Delta. Because of a possible error in monitoring well elevations and gradient, we could only now respond to this report. Our office has only recently been informed by Delta that no error in groundwater gradient exists.

The SCM concludes that the potential exposure receptors are current and future workers in the existing and potential future buildings, construction workers and residents in neighboring houses. At this time, there is insufficient data to evaluate this risk, therefore Delta recommends additional environmental investigation, which includes the following:

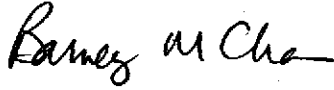
- Advance two hand auger borings to groundwater between the existing warehouse and the house to the west (note SCM states east). Both soil and groundwater samples will be collected for chemical analysis.
- Advance three off-site GeoProbe borings in San Leandro St. to determine the down-gradient extent of the plume and determine if the utility trenches act as preferential pathways. Both soil and groundwater samples will be collected for chemical analysis.
- Six GeoProbe borings are proposed on the current vacant lot adjacent to the warehouse. These borings are located next to the warehouse down-gradient of potential former sources and on the up-gradient portion of the site. Again, soil and groundwater samples will be taken for chemical analysis.

This work is acceptable with the condition that a minimum of one soil and one groundwater sample is collected from each borehole for analysis. The soil sample with the highest screening results should be analyzed. If no screening results are observed, please collect the soil sample just above the first encountered groundwater. All samples should be TPHg, BTEX and MTBE. The highest reported soil and groundwater MTBE sample should confirm its presence using EPA Method 8260. Please contact our office prior to performing this work. This data will be using in your future risk assessment.

Mr. T. Bauhs
Former Chevrons site, 3616 San Leandro St., Oakland 94601
StID # 4249
March 15, 2001
Page 2

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. S. Carter, Delta Environmental Consultants, 3164 Gold Camp Drive, Suite 200, Rancho
Cordova, CA 95670-6021

Mr. L. Ratto, Ratto Land Company, P.O. Box 6104, Oakland CA 94603-0104

Mr. T. McIlraith, 407 Castello Rd., Lafayette, CA 94549

SCM3616SLSt

3140 Gold Camp Drive
 Suite 170
 Rancho Cordova, CA 95670
 916.631.1300 - voice 916.631.1317 - fax

Gettler-Ryan Inc.

Fax

II 4249

To: Barney Chan	From: Steve Carter
Fax: 510.337.9335	Pages: 2
Phone: 510.557.6765	Date: 02/14/01
Re: Chevron #9-4612, 3611 San Leandro St, CC: Oakland	

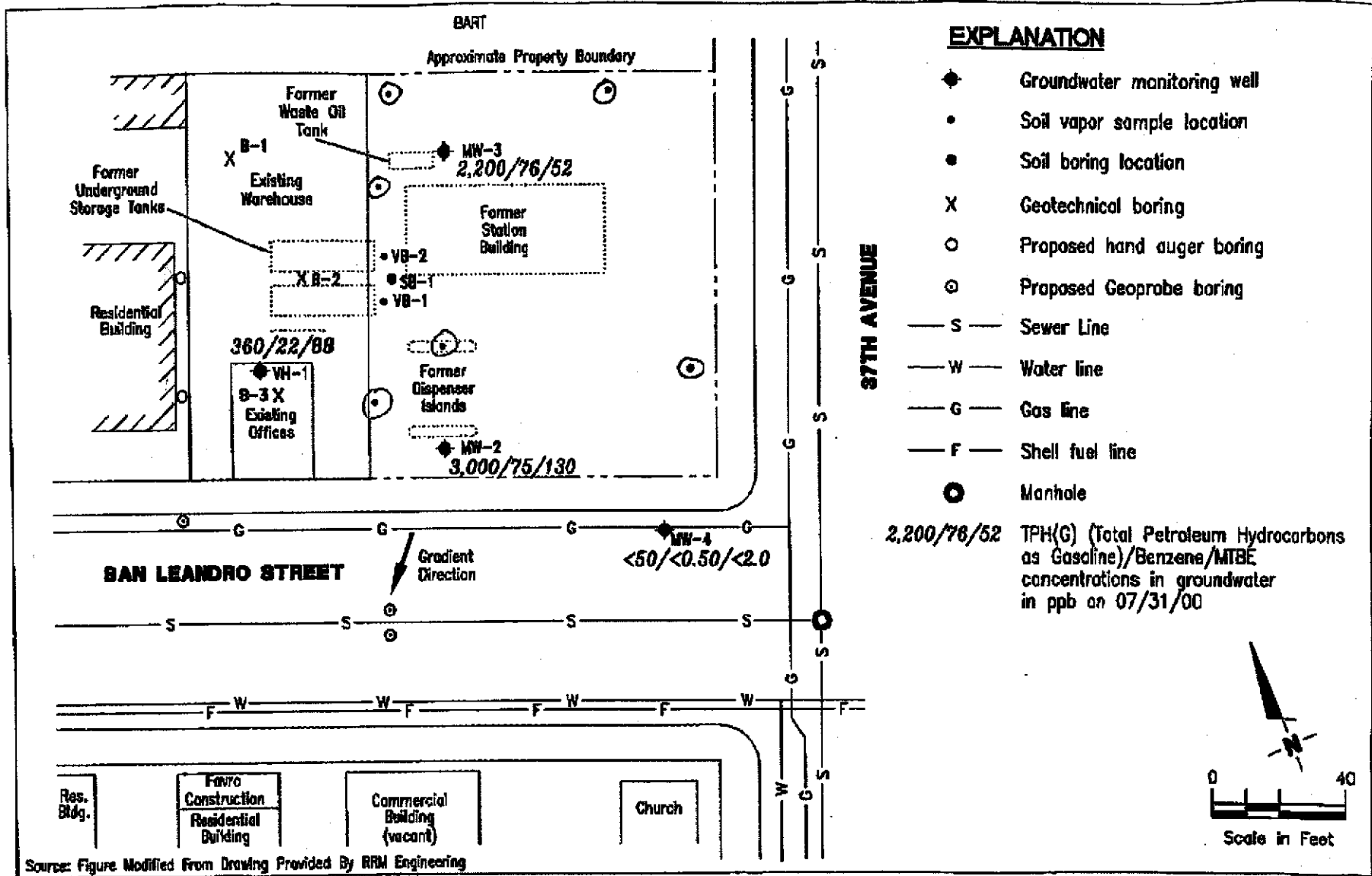
Urgent For Review Please Comment Please Reply Please Recycle

Attached is the map showing locations of proposed soil boring locations as discussed in the SCM. As you may recall from our last telephone conversation, however, it appears that the survey data for wells MW-2 and MW-3 have been switched. Evaluation of measurements from the most recent monitoring event indicates that groundwater flow may actually be toward the NE instead of the SW. If the new survey data support this interpretation, GR will re-evaluate the need for both the hand-augered borings and the utility trench investigation, as these areas would be upgradient.

We have not received a schedule from the surveyor, but I hope to have the survey completed in the next couple of weeks. Please call me at 916.631.1300 if you have questions.

Steve Carter

Resurveying MW-2 & MW-3 to confirm gradient reported for 7yrs! Voice message 3/14/01 gradient is as shown.



Gettler - Ryan Inc.
 6747 Sierra Ct., Suite J (510) 551-7555
 Dublin, CA 94568

SITE PLAN
 Former Chevron Service Station No. 9-4612
 3616 San Leandro Street
 Oakland, California

FIGURE
2

JOB NUMBER: 346473.04 REVIEWED BY: DATE: 12/00 REVISED DATE:



GETTLER - RYAN INC.

ENVIRONMENTAL
PROTECTION
99 DEC 27 PM 5:00

December 21, 1999

#4249

Mr. Barney Chan
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: Former Chevron Station #9-4612, 3616 San Leandro Street, Oakland, CA.

Mr. Chan:

Gettler-Ryan Inc (GR) has prepared this response to your letter of December 2, 1999. Your letter briefly summarized the site conditions and requested a Site Conceptual Model be prepared. You requested a written response to your letter no later than January 7, 2000.

Chevron Products Company (Chevron) has requested that GR prepare the SCM requested in your letter. GR will also evaluate risks at the site for the existing warehouse facility and the development proposed for the eastern portion of the property. We anticipate that the SCM and any additional information will be submitted to you by March 3, 2000.

Please call us at 916.631.1300 if you have questions or comments.

Sincerely,
Gettler-Ryan Inc.

Stephen J. Carter, R.G.
Senior Geologist

Greg A. Gurs
Sr. Project Manager

cc: Mr. Brett Hunter, Chevron Products Company, P.O. Box 6004, SanRamon, CA 94583
Mr. Len Ratto, P.O. Box 6032, Oakland, CA 94603
Mr. T. McIlraith, 407 Castello Road, Lafayette, CA 94549

346473.04

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

December 2, 1999
StID # 4249

Mr. Brett Hunter
Chevron USA Products Co.
60001 Bollinger Canyon Rd., Bldg L
P.O. Box 6004
San Ramon, CA 94583-0804

Re: Former Chevron Station 9-4612, 3616 San Leandro St., Oakland CA 94601

Dear Mr. Hunter:

Our office has received and reviewed the November 5, 1999 3rd Quarter 1999 groundwater monitoring report for the above site as prepared by Blaine Tech Services. Please be aware that your submittal should also include your interpretation of the monitoring data and any recommendations for the site. At a minimum, your future actions for the next quarter should be stated.

As you are aware, this site has been monitored since 1993 for some wells and since 1995 for others. During this time total petroleum hydrocarbon concentrations have stabilized, albeit, not to low levels. In addition, MTBE has been a recurring issue. A great deal of uncertainty at this site lies with the absence of data regarding the closure of the underground tank system at the site, inclusive of the piping and dispenser areas, which occurred in September 1976. Few, if any, sampling or tank removal requirements existed at this time. In fact, records indicate that no fire inspector was even present during the tank removals.

Prior to the construction of the existing warehouse over the former tank area, geo-technical borings discovered impacted soil and groundwater, however, no remediation was ever performed. The warehouse was then built. All subsequent information amounts to monitoring the release and estimating the potential for volatile organic exposure. There are currently physical constraints to access the warehouse and resistance from the current property owner preventing subsurface work within the warehouse. The recent soil vapor sampling was done at locations just outside the warehouse within the former tank footprints. No apparent risk to volatile organic exposure was found.

A review of the cumulative monitoring data indicates that the source likely remains within the soils beneath the existing warehouse. This may be the reason TPHg levels remain relatively high. Conditions are likely anaerobic beneath the building leading to slow bio-degradation rates. Even the oxygen releasing compound (ORC) socks installed in wells VH-1, MW-2 and MW-3 have had limited success. The dissolved oxygen content in these wells is not significantly different from the down-gradient background well, MW- 4. I would recommend the replacement of the ORC sock in these wells.

Mr. B. Hunter
Former Chevron Station 9-4612
3616 San Leandro St., Oakland 94601
StID # 4249
December 2, 1999
Page 2.

In addition, you must demonstrate that the site has met the conditions of a "low risk" groundwater site. To do this, the two most difficult conditions you must demonstrate are that the source has been stopped and that the site has been adequately characterized. The presence of MTBE also requires even a greater understanding of the site due to the recalcitrant nature of this chemical. The Water Board is recommending that a site conceptual model (SCM) be done for every site impacted with MTBE. The SCM will be used to determine if active remediation is necessary to protect a sensitive receptor.

The SCM should include items such as:

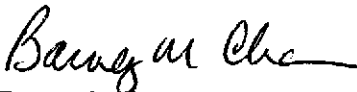
- The historical direction of gradient
- The location of receptors, wells and surface water bodies
- Determination of any conduits
- Prioritization of site.

In addition you should determine if the plume has been adequately characterized and whether the source is still present. If necessary, you should provide a work plan to address these issues.

Our office has been advised of the potential development of the eastern portion of this property. Please comment on whether you would foresee any problems with this.

Please provide a written response to this letter within 30 days or no later than January 7, 2000. 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. J. Ratto, P.O. Box 6032, Oakland CA 94603
Mr. T. McIlraith, 407 Castello Rd., Lafayette, CA 94549
SCM3616SLSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

September 21, 1998
StID # 4249

Mr. Phil Briggs
Chevron Products Co.
6001 Bollinger Canyon Rd., Bld. L Room 1110
P.O. Box 5004
San Ramon, CA 94583-0804

Re: Possible Soil Vapor Sampling at 3616 San Leandro St., Oakland CA 94601

Dear Mr. Briggs:

It has come to my attention that the on-going issue of potential volatilization of hydrocarbons to the indoor air within the warehouse at the above site has not yet been resolved. This issue will need to be addressed prior to site closure. Based on your site inspection, you stated that it would be very difficult to get a portable drill rig into the warehouse. In addition, you stated that the property owner was against the disruption this may cause to the current tenant. You offered to collect vapor samplers using a flux chamber, however, our office is not convinced on the merits of this test method.

To satisfy the County's need for further site characterization, I would like you to consider the sampling of soil vapor from within the backfill of the former underground tanks. The backfill contains porous media compared to the native soils and would likely collect vapors. Please investigate the possibility of collecting vapor samples from the backfill through slant borings. If this is a reasonable alternative please provide a work plan for such an investigation.

Please contact me at (510) 567-6765 with your comments or questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. J. Ratto, P.O. Box 6032, Oakland CA 94603
Mr. T. McIlraith, 407 Castello Rd., Lafayette, CA 94549

SV3616



Chevron

#4249

September 11, 1998

Chevron Products Company
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

Philip R. Briggs
Project Manager
Site Assessment & Remediation
Phone 925 842-9136
Fax 925 842-8370

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

SEP 15 1998 PM 3:25

Re: Former Chevron Service Station # 9-4612
3616 San Leandro Street
Oakland, California

Dear Mr. Chan:

Enclosed is a copy of the Well Gauging Data, dated June 25, 1998, that was inadvertently omitted from the Third Quarter Groundwater Monitoring report for 1998, which has been sent to you under Chevron cover letter dated September 9, 1998.

This Well Gauging Data sheet notes that ORC was added to wells VH-1, MW-2 and MW-3 on July 25, 1998. I apologize for any confusion in omitting this Data sheet from the original report.

If you have any questions or comments call me at (925) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

September 11, 1998
Mr. Barney Chan
Former Chevron Service Station #9-4612
Page 2

Cc. Mr. Jack Ratto
PO Box 6032
Oakland, CA. 94603

Mr. Terry McIlraith
407 Castello Road
Lafayette, CA 94549

Ms. Bette Owen, Chevron



Chevron

June 10, 1998

RECEIVED
JUN 16 1998

ENVIRONMENTAL HEALTH SERVICES
NORTH COUNTY

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 6004
San Ramon, CA 94583-0904

Marketing - Sales West
Phone 510 842-9500

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Former Chevron Service Station # 9-4612
3616 San Leandro Street
Oakland, California**

Dear Mr. Chan:

Apologize for the delay in responding to your letter of May 4, 1998 requesting an update of data/findings at the above noted site. You advised the approval to add oxygen-releasing compounds (ORC) to the onsite wells of VH-1, MW-2 and MW-3. You also noted the acceptance of installing downgradient monitoring well MW-6.

You noted that installing monitoring well MW-5 would not provide specific enough data from beneath the former underground storage tanks, in which to determine the potential health risk within the warehouse. Therefore, you requested that actual site data be collected from within the existing warehouse.

This is to advise your office, that I have requested Chevron's consultant Blaine Tech, Inc. to add ORC into the three-onsite wells prior to the next sampling event which is scheduled in July.

With the benzene concentration declining in all wells from the previous sampling event and the proposed addition of ORC into the onsite wells, Chevron believes that the benzene concentration will continue to decline by natural attenuation and the extent of the hydrocarbon plume will be known to be contained onsite. Therefore, **Chevron requests a delay in the installation of monitoring well MW-6 for at least two sampling events to confirm natural attenuation and containment of the hydrocarbon plume.**



June 10, 1998
Mr. Barney Chan
Former Chevron Service Station #9-4612
Page 2

I have visited the site and warehouse to ascertain the feasibility of installing borings within the warehouse. I also have talked briefly with Mr. McIlrath by phone.

The warehouse is a 2-story, concrete block building with only one access. This access is from the front through a three-foot ^{sales office} door. There is an office located to the left of the sales door as you enter and a sales counter located behind and to the right of the office and behind a display area. Behind the counter are numerous shelves containing parts and supplies. There is a small restroom located adjacent to the office in which monitoring well VH-1 is located. The warehouse is completely open (no drop ceiling) and has a concrete floor. The distance from the floor to the roof is about 20-25 feet, which should provide adequate ventilation to personnel working in the building.

2. } It would be impossible to bring any drilling equipment into the warehouse without extensive remodeling of the building plus a major disruption to the existing business presently located in the building. This would not be acceptable to the present tenant or Mr. McIlrath. Mr. McIlrath did advise me there has been no hydrocarbon odors detected in the building.

Your office recommended that soil samples be secured from underneath the warehouse and beneath the area of the former underground storage tanks. Based on my findings this does not appear feasible or practical.

Note that securing soil samples from underneath the former underground storage tanks may not provide the appropriate information needed in submittal of any Risk Based Corrective Action (RBCA) plan. The estimated depth to secure the soil sample would be at a depth of about 12 feet below grade. Since the ground water has fluctuated from about 5 to 15 feet below grade, the soil sample would be taken from the saturated zone. Therefore, the pathway of concern appears to be the groundwater volatilization pathway.

Also note that the majority of the soil underneath the warehouse is composed of clay material (84%), except for the area where the former underground storage tanks were installed, which is composed of a sand/gravel backfill material. The clay material will be more restrictive to the migration of hydrocarbon vapors into the warehouse. *How so? under the warehouse.*

Based on the above noted restrictions to installing any well within the warehouse, **Chevron recommends that a RBCA be performed at this site.** As noted above, there does not appear to be any health concern to the personnel working in the warehouse, however a vapor assessment could be conducted within the warehouse to detect the presence of any hydrocarbon vapors. *How?*

June 10, 1998
Mr. Barney Chan
Former Chevron Service Station #9-4612
Page 3

If you have any questions or comments call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY



Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

Cc. Mr. Jack Ratto
PO Box 6032
Oakland, CA. 94603

Mr. Terry McIlraith
407 Castello Road
Lafayette, CA 94549

Ms. Bette Owen, Chevron

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

May 4, 1998
StID # 4249

Mr. Phil Briggs
Chevron Products Co.
6001 Bollinger Canyon Rd., Bld. L Room 1110
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: Work Plan for Additional Site Investigation at 3616 San Leandro
St., Oakland CA 94601**

Dear Mr. Briggs:

This letter responds to our phone conversation on January 22, 1998 where you proposed the installation of monitoring wells MW-5 and MW-6 in an attempt to define the limits of soil and groundwater contamination and to estimate contamination within the existing warehouse. Upon discussion with our risk assessor, Madhulla Logan, it was decided that **actual** site data is necessary to determine the potential risk within the warehouse. The advancement of MW-5 would not provide specific data from beneath the former underground tanks. As you may recall, the September 1988 Vonder Haar Hydrogeology report identified gasoline odors in all three of the geotechnical borings they advanced. Unfortunately, no analytical testing of these borings was done. Boring B-3 was located near the currently existing well VH-1, boring B-2 located within one of the former tank pits and boring B-1 located north of the underground tanks. Because of this information, actual data within the existing warehouse is necessary.

In our conversation you were going to perform a site visit to see if borings could be advanced within the warehouse and also discuss this possibility with Mr. McIlraith, the current property owner. Please report your findings in your response to this letter.

The proposed location of MW-6 is acceptable as is your recommendation to add oxygen releasing compounds (ORC) to the onsite wells. Please respond to this letter **within 30 days or by June 5, 1998**. 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. J. Ratto, P.O. Box 6032, Oakland CA 94603

Mr. T. McIlraith, 407 Castello Rd., Lafayette, CA 94549 3vp3616



Chevron

FACSIMILE

Chevron Products Company
P.O. Box 5004
San Ramon, CA 94583-804

Date: 1-20-98

Philip R. Briggs
Project Manager
Site Assessment & Remediation
Phone No. 510-842-9136
Fax No. 510-842-8370

Company: ACHCS

Fax Number: 510 337-9335

To: BARNEY CHAN

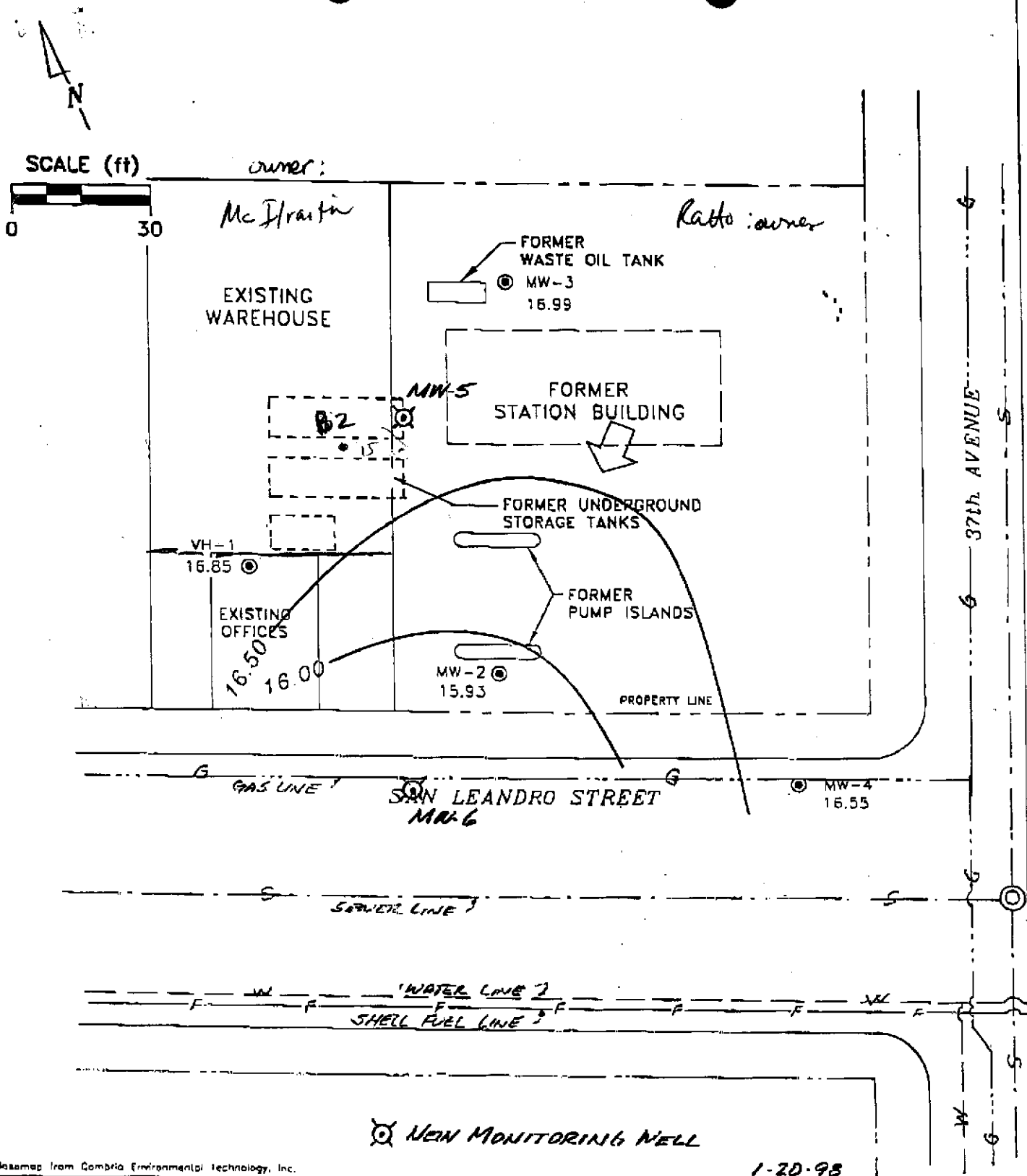
Subject: REVIEW LOCATION OF MONITORING WELLS — SS#9.4612
3616 SAN LEONARD ST., OAKLAND.

- REVIEW LOCATION OF INSTALLING 2 ADDITIONAL MONITORING WELLS.
- WELL 5 WOULD BE INSTALLED TO ASCERTAIN ^{SOIL} INFORMATION FROM
FORMER TANKS LOCATED AT SITE. THIS LOCATION WOULD BE AT END
OF FORMER CHEVRON GASOLINE TAP (HIGHEST THROUGHPUT PRODUCT)
- WELL 6 IS LOCATED IN THE PARKING AREA IF SAN LEONARD ST. —
ACCESS THE STREET IS NOT POSSIBLE DUE TO UTILITIES (WATER, FUR ON)
AND LOCATING A WELL IN THE CENTER OF A BUSY THROUGHFARE
IS A SAFETY CONCERN AND DON'T BELIEVE CITY OF OAKLAND WOULD
APPROVE IT.

1/22/98. Spw/P. Briggs, he said he'd perform a pile vent to ^{see} if
geoprobe borings could be advanced w/it & find
out if Mr. McBrath still objects to onsite work. Will

Number of Pages 3

call me next week



Basemap from Combia Environmental Technology, Inc.

1-20-98

PREPARED BY

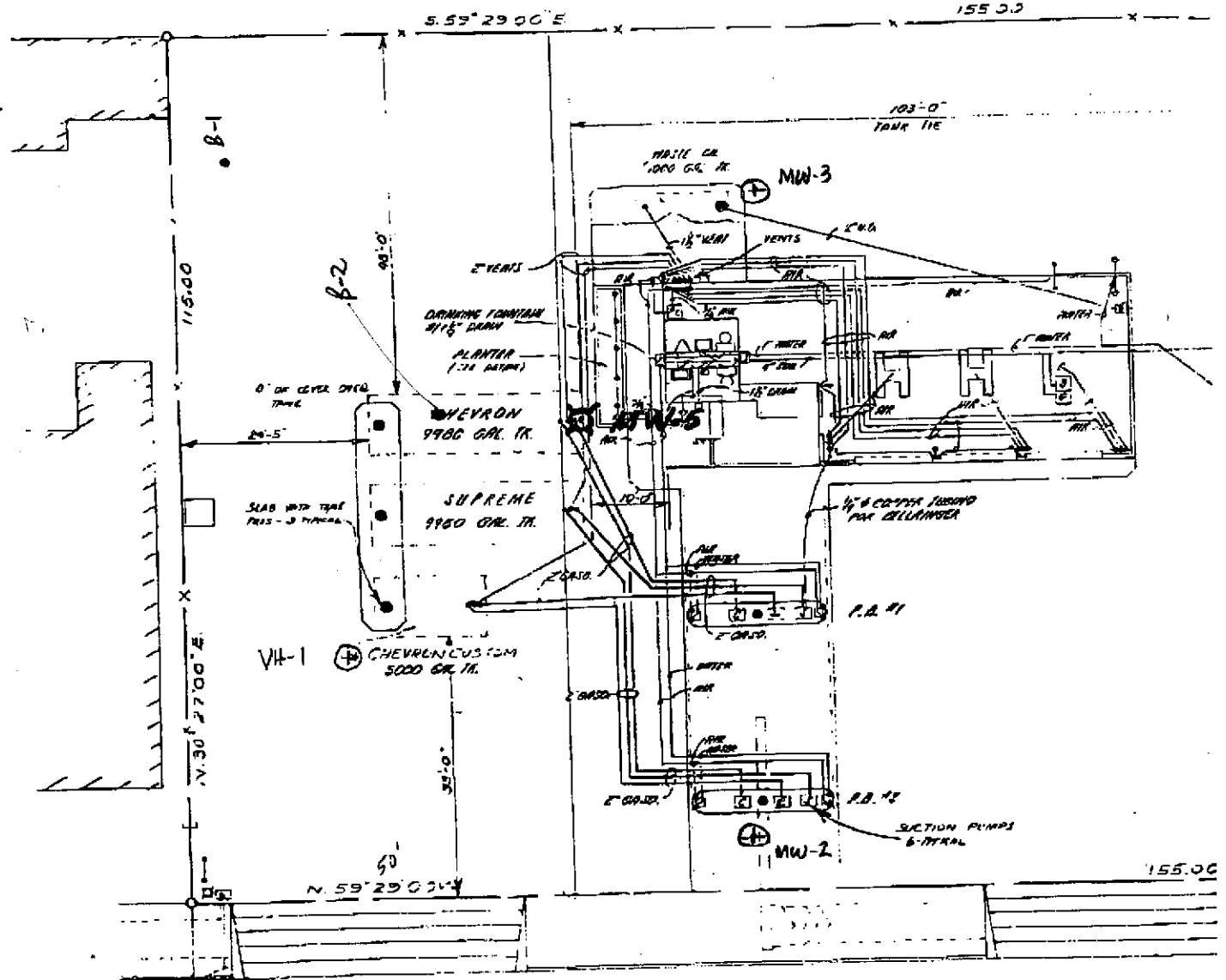


engineering contracting firm

Chevron Station 9-4612
 3616 San Leandro Street
 Oakland, California

**GROUNDWATER ELEVATION CONTOUR MAP,
 NOVEMBER 3, 1997**

FIGURE:
 1
 PROJECT:
 DAC04



SAN LEANDRO STREET

9-4612

<ul style="list-style-type: none"> Property Line Fence Elec. Conduit Piping unless shown otherwise Electric Panel Incandescent Fixture 	<ul style="list-style-type: none"> Incandescent Fixture Telephone Electrical Street Electroliner A.O. Signal Switch A.O. Signal Box 	<ul style="list-style-type: none"> Utility Pole Trolley Pole Gas Pole Deanna Flag Pole Poster Board Chevron 	<ul style="list-style-type: none"> Trap Access Pit Fill Box Manhole Sign Traffic Signal Fire Hydrant
--	---	--	---

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



December 31, 1997
StID # 4249

Mr. Phil Briggs
Chevron Products Co.
6001 Bollinger Canyon Rd., Bld. L Room 1110
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: Request for Work Plan for Additional Investigation at 3616
San Leandro St., Oakland CA 94601**

Dear Mr. Briggs:


This letter reiterates the County's request for a work plan for additional site assessment at the above referenced site. As you may recall after our August 21, 1997 meeting I wrote a letter summarizing the items discussed and the items needed for each Chevron site under my oversight. For this site, I requested additional characterization in the area of the three former underground tanks within the current warehouse and additional groundwater characterization downgradient of monitoring wells VH-1 and MW-2. Your work plan was requested to be submitted by **September 23, 1997**. To date, our office has not received the requested report.

Please submit your work plan for site assessment **within 30 days or by February 2, 1998**.

Because the MtBE detected in MW-2 was confirmed by EPA method 8260 to be much lower than reported using EPA method 8020, future analysis for MtBE should be done by method 8260.

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. J. Ratto, P.O. Box 6032, Oakland CA 94603
Mr. T. McIlraith, 407 Castello Rd., Lafayette, CA 94549
2wp3616

#4249



Chevron

August 22, 1997

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 6004
San Ramon, CA 94583-0904

Marketing - Sales West
Phone 510 842-9500

**Re: Former Chevron Service Station #9-4612
3616 San Leandro Street
Oakland, California**

Dear Mr. Chan:

I appreciate the time that you gave me yesterday to discuss the present ground water monitoring program and proposed future actions for the above noted site.

Chevron proposed that the sampling frequency be reduced and that ORC's be added into the monitoring wells. Because of the continued impact of dissolved hydrocarbons in the wells, you requested that quarterly monitoring continue and that no ORC's be added at this time. Chevron will continue to monitor quarterly and will not introduce any ORC's. *

You noted that there is no record of any soil samples taken at the time when the tanks were removed in 1982 or 1983. You also noted, that to receive closer on this site, soil data will have to be collected where the tanks were located which is now underneath the building on the site. I said I would review our records to determine if any data pertaining to the tank pull and soil analysis can be located. If no records are located, Chevron will discuss with your office the next course of action.

If you have any questions or comments call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Philip R. Briggs
Site Assessment and Remediation Project Manager

* ORC will not be sufficient for remediation



8/21/97 Mtg w/ P. Briggs Chevron Sites

#007 - Need a Remediation Plan + H+Safety Plan
for construction purposes.
process for closure.

- #838 • Can Stop monitoring shallow
- perform HTRA for soils in wells
 - continue to monitor MW-13 (Oakland)
 - Okay to install ORC in MW 5+10
- can initiate closure.

#4289 • need info inside existing building
near other USTs.

#541 • Newman gtrly

- #103 • OK to monitoring on C5, C8 + C9
- CRCT - HTRA by Sept 15
 - enhance bio in C2, C4 + C6
- Reg • new inst C1-C4 report.

#607 2001 Versailles Alameda : Recommended closure
103 4265 Foothill Blvd (01) : monitoring + O₂ test.
838 2681 Fruitvale (01) : Consider closure
4249 3616 San Leandro St (01) : V more invest, HRA
541 451 Heyed (21) - tell me what they'd done for MTBE.
? 4447 6345 Coliseum Way (21) Schwartz/Lindheim
August 5, 1997



Chevron

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 6004
San Ramon, CA 94583-0904

Marketing - Sales West
Phone 510 842-9500

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Dear Mr. Chan:

With the recent reorganization that has taken place within your group, I would like to set up a meeting with you and/or replacement to discuss the five Chevron projects that you manage. I will be available on 8/21, 8/25-8/27, 9/2-9/5 and 9/8-9/12.

Items I would like to discuss are: reductions in monitoring frequency, reduction in wells sampled and/or abandonment of wells, utilizing "no purge" method in sampling wells, and any other pertinent data.

Advise your schedule as soon as possible, as I plan to set up meetings with the other case workers that are responsible for my other projects.

If you have any questions, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY


Philip R. Briggs
Site Assessment and Remediation Project Manager

cc. Mr. Tom Peacock, ACHCS

2023



Chevron

June 27, 1997

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 6004
San Ramon, CA 94583-0904

Marketing - Sales West
Phone 510 842 9500

**Re: Former Chevron Service Station # 9-4612
3616 San Leandro Street
Oakland, California**

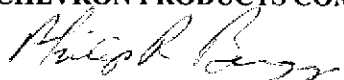
Dear Mr. Chan:

I have reviewed this site again and the concentrations of dissolved hydrocarbons in the ground water; and it appears that natural attenuation is occurring but very slowly. Therefore, Chevron proposes that to assist in the natural attenuation process, Oxygen Releasing Compounds (ORC) be added to each well, and request your approval.

Chevron also requests that the sampling event be changed to annually. The ground water flow direction and gradient has been determined and additional sampling will not provide any new information that we do not have at this time.

If you have any questions, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY


Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

cc. Ms. B. C. Owen, Chevron

Mr. Jack Ratto
P.O. Box 6032
Oakland, CA. 94603

Mr. Terry McIlraith
407 Castello Road
Lafayette, CA 94549



WELL HEAD INSPECTION CHECKLIST AND REPAIR ORDER

Client Chyron Site # 9-4612

Inspection date: 2-7-97

Site address 3600 San Leandro
Oakland, CA

Inspected by: MT

BTS Event # 970207-T3

1. Lid on the box? Yes No	5. Water standing in the well box?	7. Can cap be pulled loose?
2. Lid whole?	5a. Standing above well top?	8. Can cap seal out water?
3. Lid secure?	5b. Standing below well top?	9. Padlock present?
4. Lid seal intact?	5c. Water even with top of well cap?	10. Padlock found locked?
	6. Well cap/plug present?	11. Padlock functional?

Check box if *no deficiencies* were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken
MW4	SA	Removed H ₂ O
MW3	SA	" "
MW2	SA	" "
VH1	Kerosene ^{odor} in well box	NONE

Note below all deficiencies that could not be corrected and *still need to be corrected*.

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to:	Date assigned	Date corrected
VH1	Business owner said they had a kerosene spill & it went through the wall in and around well box. They cleaned it up pretty good. No signs of liquid but R.R. has strong odor. MT			

Office review and assignments made by _____ date _____

ENVIRONMENTAL
PROTECTION

96 AUG -1 PM 2:47



Chevron

July 25, 1996

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Chevron U.S.A. Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Marketing - Northwest Region
Phone 510 842 9500

**Re: Former Chevron Service Station # 9-4612
3616 San Leandro Street
Oakland, California**

Dear Mr. Chan:

Enclosed is the First and Second Quarter Groundwater Monitoring reports for 1996 that was prepared by Blaine Tech Services, Inc. for the above noted site. I apologize for the delay in getting the reports to you, and any future reports will be submitted in a timely manner. As noted in the reports, the groundwater samples were analyzed for TPH-g, BTEX and MtBE constituents. A sample from monitoring well MW-3 was also analyzed for the TPH-d constituent.

Dissolved concentrations of these constituents in monitoring wells VH-1 and MW-2 are consistent with previous sampling results in both quarters. The benzene constituent for monitoring well MW-3 showed a slight increase from the First to Second Quarters. BTEX constituents were below method detection limits in monitoring well MW-4 for both quarters. The concentration of TPH-d detected in monitoring well MW-3 showed a chromatogram pattern as an unidentified hydrocarbon.

Depth to ground water in the first quarter varied from 5.05 feet to 5.60 feet below grade with the flow direction to the southwest. In the second quarter the depth to ground water varied from 7.00 feet to 8.33 feet below grade with the flow direction to the south southwest. Installing monitoring well MW-4 has given us a better defining of the groundwater flow direction, as it appears now, that the flow direction is more consistent with a southwesterly flow than the previous southeasterly flow. Continuing to sample for the next two quarters should give us confirmation of the flow direction. If you have any questions, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

Mr. Barney Chan
Former Chevron Service Station # 9-4612
July 25, 1996
Page 2

cc. Ms. B. C. Owen, Chevron

Mr. Jack Ratto *
P.O. Box 6032
Oakland, CA. 94603

Mr. Terry McIlraith *
407 Castello Road
Lafayette, CA 94549

* Due to a recent reorganization within Chevron Mr. Mark Miller has been reassigned to another position and I have taken over responsibility of this project.



Chevron

November 6, 1995

~~SECRET~~

20233

Chevron U.S.A. Products Company
6001 Bollinger Canyon Rd., Bldg. L
P.O. Box 5004
San Ramon, CA 94583-0804

Site Assessment & Remediation Group
Phone (510) 842-9500

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Former Chevron Service Station #9-4612
3616 San Leandro Street, Oakland, CA**

Dear Mr. Chan:

Enclosed is the Additional Site Assessment Report dated September 29, 1995, prepared by our consultant Blaine Tech Services, Inc. for the above referenced site. Two soil borings (SB-1 and MW-4) were advanced to ground water with one being completed as a ground water monitor well. This work was done to further characterize soil and ground water conditions at the site and delineate the extent of dissolved hydrocarbons in ground water.

Soil samples collected were submitted to Superior Precision Analytical (SPA) for analysis. Laboratory results indicate low concentrations of TPH-G and BTEX were present in samples collected from 21.5 feet below grade. Historically, depth to ground water at the site has ranged from 15.3 to 22.2 feet below grade. It appears that the detection of hydrocarbons at this depth may be a result of contact between the soil and hydrocarbon impacted ground water.

A ground water sample collected from boring SB-1 was also sent to SPA for analysis. A ground water sample from MW-4 was collected by Blaine Tech Services during the regularly scheduled quarterly event. Laboratory results indicate that concentrations of TPH-G and BTEX were present in both samples.

Chevron will monitor and sample all wells at this site for an additional two quarters to verify ground water quality. If you have any questions or comments, please feel free to call me at (510) 842-8134.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Ms. B.C. Owen

Mr. Jack Ratto
P.O. Box 6032
Oakland, CA 94603

RECEIVED
NOV 8 1995
1:24 PM

Page 2
November 6, 1995
Former SS#9-4612

Mr. Terry McIlraith
407 Castello Road
Lafayette, CA 94549

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
 Alameda CA 94502
 510/567-6700

Hazardous Materials Inspection Form

II, III

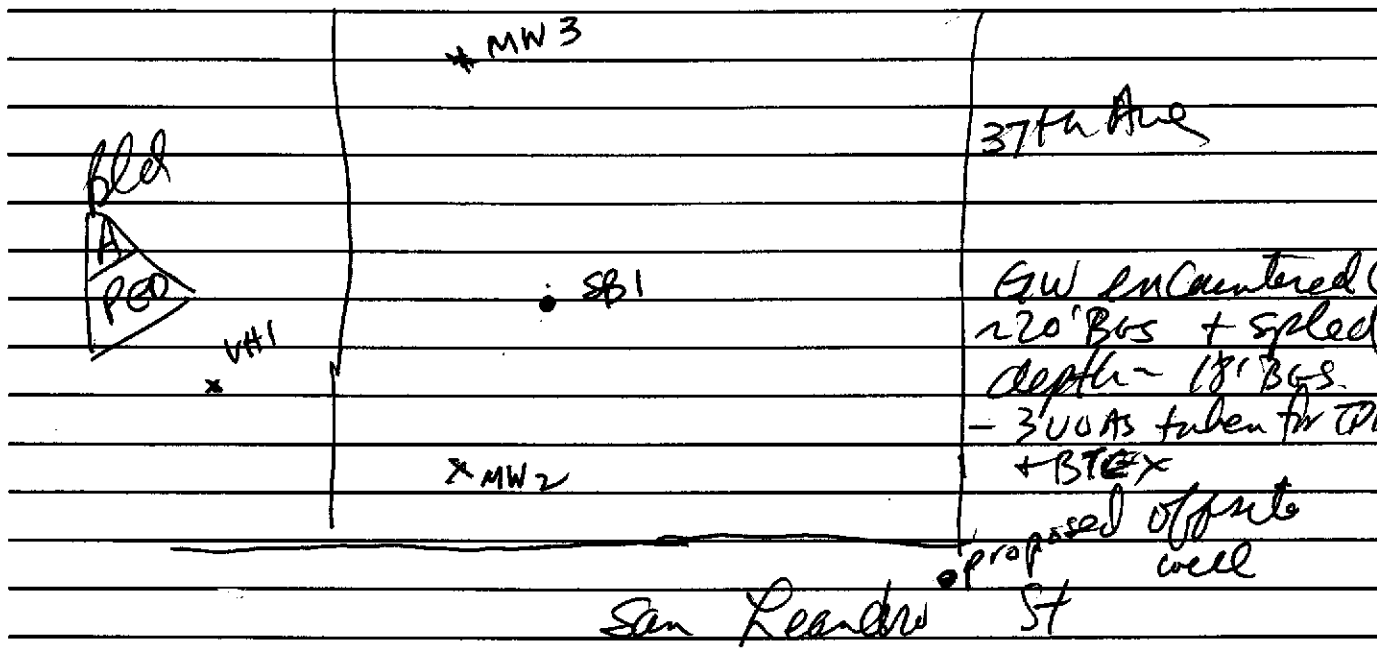
Site ID # _____ Site Name Former Chevron Today's Date 8/15/95
 Site Address 3616 San Leandro St
 City Oakland Zip 94601 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?
Inspection Categories:
 ____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 ____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
 ____ III. Under ground Storage Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Bart



GW encountered @
 ~20' BGS + spliced
 depth ~ 18' BGS
 - 3' UAS taken for TPHg
 + BTEX

- Drillers - Soil Exploratory Services
 - Geologist - Brian McAloon GW Tech.
- Some TPH (PID) observed on 20' soil spile (170ppm)

Contact _____
 Title _____
 Signature _____

Inspector BChan
 Signature _____

II, III

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Franklin Today's Date 8/15/95
Site Address 3616 San Leandro St
City Oakland Zip 94601 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- _____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- _____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- _____ III. Under ground Storage Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Handwritten notes and diagrams:
- best
- MW3
- SBI
- MW2
- San Leandro St
- 37th Ave
- 20' BGS of splash
- depth ~ 15' BGS
- 3 wells taken for filling
- + BTEX
- prop. open well
- Drillers - Soil Extraction Services
- Geologist - Brian McAlvan GW Tech
- Some TPH (PVI) observed in 20' soil core (170ppm)

Contact _____
Title _____
Signature _____

Inspector B Chan
Signature _____

II, III



08416201510-2 8/15/95
Prop. MW location
2026 5843 Corner 37th
3616 San Leandro + E. L St



08416201510-2 8/15/95
2026 5843 Bld @ site
3616 San Leandro



SB-1 08416201510-2 8/15/95
+
MW 3 in picture 3616 San Leandro
2026 5843

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Director

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

July 3, 1995
StID # 4249

Mr. Mark Miller
Chevron USA Products Co.
6001 Bollinger Canyon Rd., Bldg. L
P. O. Box 5004
San Ramon, CA 94583-0804

**Re: Revised Location for Monitoring Well at 3616 San Leandro
St., Oakland 94601**

Dear Mr. Miller:

This letter recounts our recent conversation regarding the additional site assessment scheduled for the above site. I have received and reviewed the June 29, 1995 fax and agree with the location of the "preferred" monitoring well location. In addition, I requested that both soil and a grab groundwater sample be taken from boring SB-1.

Our office also agrees at this time no further upgradient investigation is required. After the installation of the off-site well, you may want to verify that site conditions are amenable to the Non-Attainment management policy.,

Please notify me at least 48 working hours prior to your field work so I may arrange to be present if possible.

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

Sincerely,

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

Barney M. Chan
Hazardous Materials Specialist

cc: Mr. J. Ratto, 191 98th Ave., Oakland CA 94603
Mr. and Mrs. McIlraith, 1809 Golden Rain Rd., #5, Walnut
Creek, CA 94520
M. Blundell, Groundwater Tech, 4057 Port Chicago Highway,
Concord, CA 94520
J. Makishima, files

MWloc3616



Chevron

Date: 6/29/95

Chevron U.S.A. Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

To: MR. BARNEY CHAN
ACHCS
(510) 337-9335

Marketing - Northwest Region
Voice 510 842-8134
Fax 510 842-8252

From: Mark Miller
Site Assessment and Remediation Engineer

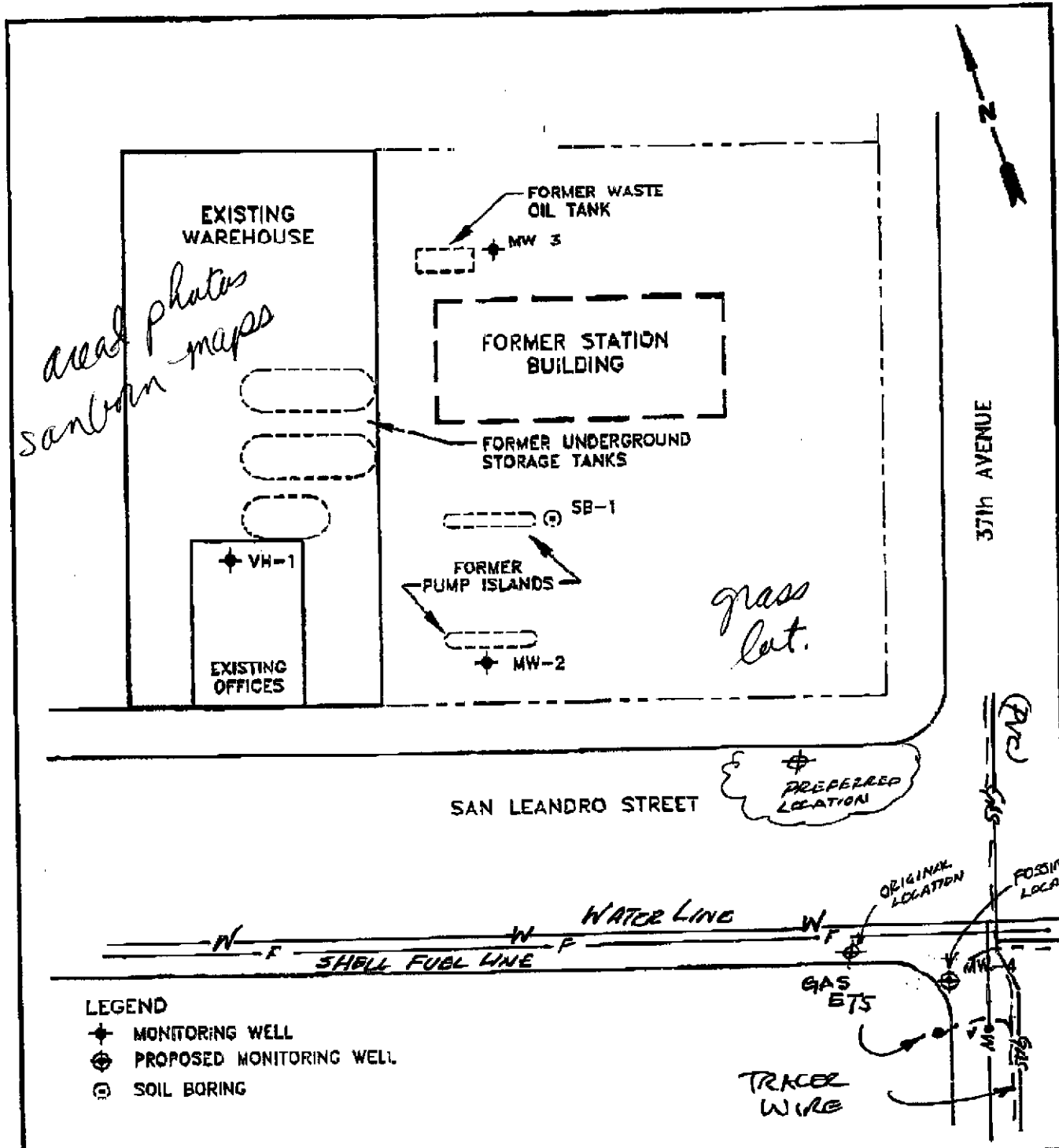
Re: 9-4612: 3616 SAN LEANORO AVE, OAKLAND

Message: AS WE DISCUSSED, THE FOLLOWING MAP
SHOWS OUR ORIGINALLY PROPOSED WELL LOCATION,
THE LOCATION POSSIBLE TO DRILL ON THE
CORNER, AND OUR PREFERRED LOCATION ON
THE NORTH SIDE OF SAN LEANORO STREET.
LET ME KNOW WHAT YOU THINK.

6/29/95 Through conv. w/m. Miller, I changed the
"preferred" MW location & requested that a
grab-on site be taken from SB-1.

BART

*deal photos
sanborn maps*



LEGEND

- ⊕ MONITORING WELL
- ⊙ PROPOSED MONITORING WELL
- ⊙ SOIL BORING



GROUNDWATER TECHNOLOGY



SITE PLAN

CLIENT:
CHEVRON U.S.A. PRODUCTS CO
SERVICE STATION NO. 9-4612

FILE: SP394

PROJECT NO:
20202892

PM RG/PE

REV: 0

FIGURE:

LOCATION:
3616 SAN LEANDRO AVENUE
SAN LEANDRO, CALIFORNIA

DES: MC

DET: CY

DATE: 3/25/94

2

ALBU
HAZMAT

94 SEP 23 PM 4:03



Chevron

September 20, 1994

Chevron U.S.A. Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Marketing - Northwest Region
Phone 510 842 9500

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Former Chevron Service Station #9-4612
3616 San Leandro Street, Oakland, CA**

Dear Mr. Chan:

Thank you for your letter of May 9, 1994, which requested additional investigation work in the former tank area and upgradient of the site to complement our upcoming assessment activities at the above referenced site.

The existing warehouse located over the former tank area prohibits gathering additional soil information from this location. Based on the data obtained during the drilling of VH-1, it appears that hydrocarbon impact to soil in this area is minimal.

Chevron's consultant, Groundwater Technology, Inc. (GTI), conducted a site walk to determine potential upgradient drilling locations. As indicated in the enclosed memo, the presence of railroad tracks and a BART station adjacent to the site prevent drilling in locations which would provide meaningful data on soil and ground water quality. GTI also reviewed historic Sanborn maps to identify potential up gradient off site sources. No other potential sources could be identified in the immediate area. A review of historic aerial photos conducted by Chevron reached similar conclusions.

Given these circumstances, it is not possible nor appear necessary to conduct additional investigation work in the former tank area or upgradient of the site. We believe that our work plan of March 25, 1994 outlines the most sensible approach to delineation of hydrocarbons at the site. Your letter of May 9, 1994 approved this work plan, therefore we will instruct GTI to proceed.

If you have any questions or comments, please do not hesitate to call me at (510) 842-8134.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY


Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

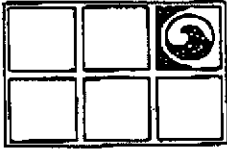
Page 2
September 20, 1994
Former SS#9-4612

cc: Mr. Kevin Graves, RWQCB - Bay Area
Mr. Michael Chamberlain, Groundwater Technology, Inc. - Concord
Ms. B.C. Owen

Mr. Jack Ratto
191 98th Avenue
Oakland, CA 94603

Mr. Vernon C. McIlraith
1809 Golden Rain Road, #5
Walnut Creek, CA 94595

File: 9-4612 SA LTR1



GROUNDWATER TECHNOLOGY

Groundwater Technology, Inc.

4057 Port Chicago Highway, Concord, CA 94520
Tel: (510) 671-2387 Fax: (510) 685-9148

FAX TRANSMITTAL

DATE: 9/13/94

TIME: 1110

TO: Mark Miller

FROM: Mike Chamberlain

FAX NUMBER: (510) 842-8252

NO. OF PAGES (including cover page): 3

If you do not receive any of the pages, please call (510) 671-2387, Concord Regional/District Office.

To fax a reply, please send to (510) 685-9148.

MESSAGE

Here's the write up from a site visit @ 9-⁴⁶¹²~~4216~~
to identify op-gradient well locations. Doesn't look
real good. BARI parking lot extends to north, but
likelihood of finding a clear spot is not realistic
two spots marked but fairly cross gradient. Call w/ comments

MAC

September 13, 1994

Mike Chamberlain
GTI, Concord, CA

SUBJECT: Up-Gradient well location
3616 San Leandro Boulevard
Oakland, California

9-4612

Mike:

There is a hole in the fence next to the building at the referenced site. Appears that someone is dropping used motor oil near the fence (stains on the ground). There is also a broken car battery near the hole in the fence. Weeds are cut and in check.

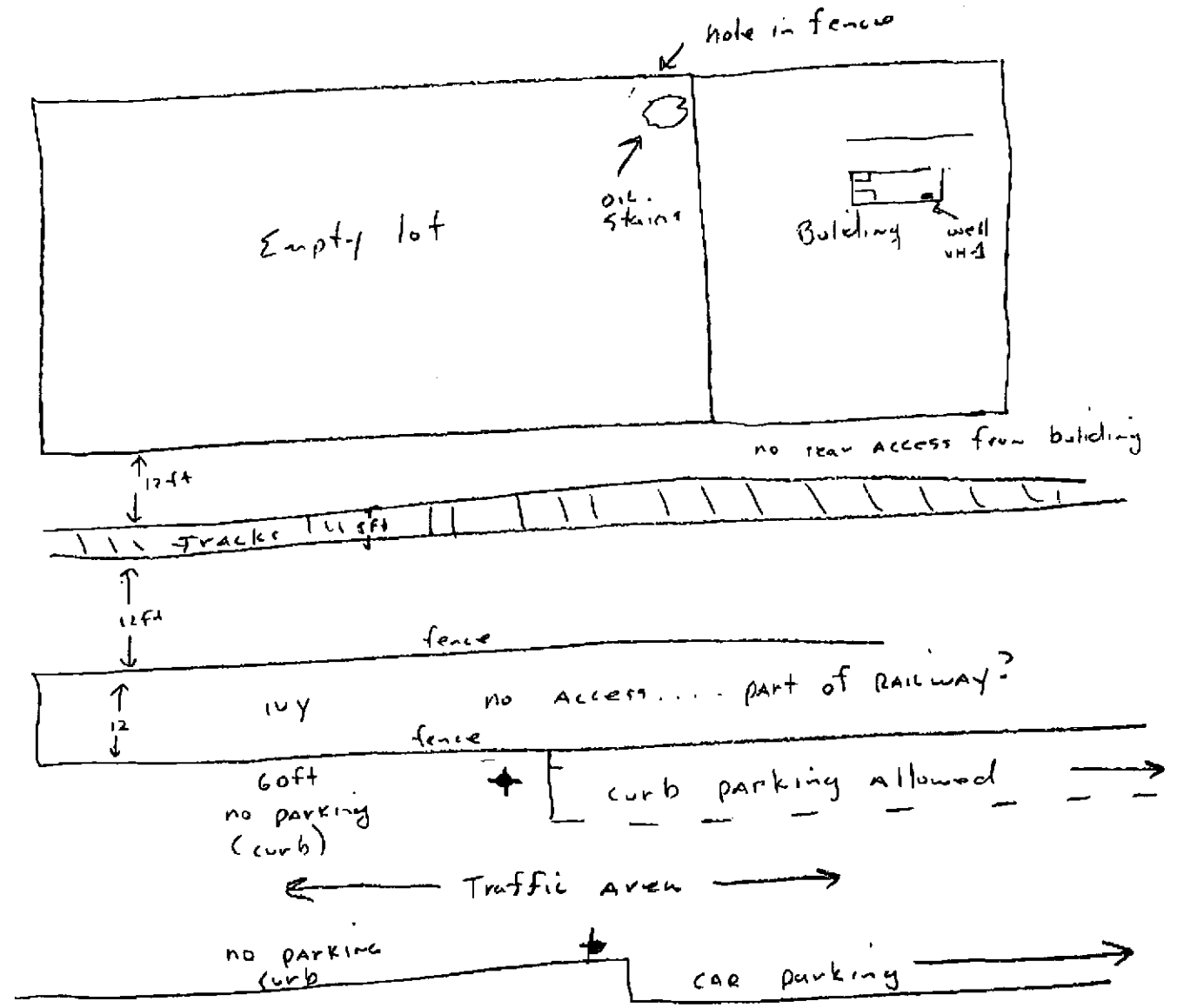
The well in the bathroom is located against the wall. For reference the door to the bathroom is 34 to 35 inches across and about 7-feet high.

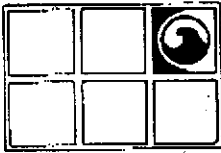
The railroad tracks have 12 feet of clearance on each side. There is not enough room to safely drill. There is an additional 12 feet on the side adjacent to BART. This is in ivy and gravel and does not appear to be accessible (the same as the railroad). The nearest clear spot to drill up gradient is approximately 41+ feet from the Chevron property on the BART parking lot. The first 60 feet along the curb in the parking lot (marked from the beginning of the Chevron property) is in a red zone and should have all day access. Please see sketch. After 60 feet parking is allowed against the curb and the well would have to be put in the traffic lane. Another option is installing a well across the traffic lane (24-feet) against the opposite curb (no curb parking). This would make the well over 60+ feet from the edge of the Chevron property. Two possible locations have already been marked (white paint) incase Chevron wants further action done at the site.

Attached is a sketch of the property up gradient from the Chevron property.

Tim Watchers

San Leandro Blvd.





GROUNDWATER TECHNOLOGY, INC.

4057 Port Chicago Highway, Concord, CA 94520 (415) 671-2387

FAX: (415) 685-9146

June 8, 1994

Project No. 020204530

Mr. Mark Miller
Chevron U.S.A. Products Company
2410 Camino Ramon
San Ramon, CA 94583-0804

SUBJECT: Sanborn Map Review
Chevron Service Station No. 9-4612
3616 San Leandro Street, Oakland, California

Dear Mr. Miller:

At your request Groundwater Technology, Inc. has obtained copies and reviewed the available Sanborn fire insurance (Sanborn) maps for the subject site to assess possible historical petroleum hydrocarbon sources at the subject site and in the immediate vicinity. The copies of the Sanborn maps were obtained from Vista Environmental Information, Inc., San Diego, California. Sanborn maps prepared in 1903, 1912, 1925, 1950, and 1969 were examined. Groundwater Technology's interpretation of the observed site activities is summarized in the following paragraphs.

The earliest Sanborn map reviewed (1903) reveals a single residential structure on the site. The adjacent properties are also occupied by single story residential structures. The local vicinity is lightly populated, with a mixture of single story residential structures and vacant lots. The Dewey Public School occupies the corner of 12th (Washington Street) and 37th (Merrill Avenue).

On the 1912 Sanborn map, the site appears relatively unchanged except the structures are now two story. The remainder of the surrounding area appears relatively unchanged except the presence of the Western Pacific railroad tracks and right-of-way (Railroad) occupies the middle of the city block containing the site. The Railroad parallels San Leandro Street (10th Street) and 12th Street, also it shares a common property boundary (northeastern) with the site.

In 1925, the site and adjacent properties remain unchanged. The Dewey Public School has expanded to occupy the entire city block southeast of the site. A "used auto sales yard", "auto sales & service building", "auto show room", "garage", and "filling station" are located in the city block to the north of the site. The "filling station" is approximately 600 feet north of the site on the southeast corner of the intersection of 14th Street and 35th Avenue.

On the 1950 Sanborn map, the site appears unchanged. The "filling station" is approximately 600 feet north of the site is no longer present. The "used auto sales yard" is still present, but the "auto

Sanborn Map Review

June 8, 1994

Chevron Site No. 9-4612, 3616 San Leandro Street, Oakland, CA

2

show room" and "garage" no longer operate as such. A gasoline and oil station is located on the southwest corner of the intersection of 14th Street and 37th Avenue, approximately 600 feet to the northeast of the site.

On the 1969 Sanborn map, the site is occupied by the gasoline service station. Residences occupy the properties to the west of the site. The Railroad is still present. The residential areas to the northwest and north have been removed. The properties appear to be vacant lots or used as parking lots. The gasoline and oil station identified on the 1950 Sanborn map approximately 600 feet northeast of the site is no longer present. Instead, a gasoline and oil station is identified on the adjacent property. This gasoline and oil station is located on the southeast corner of the intersection of 14th Street and 36th Avenue.

The review of the available Sanborn maps have identified several potential petroleum hydrocarbon sources in the vicinity of the site. These sites are:


- "Filling station" (Sanborn, 1925) approximately 600 feet north of the site on the southeast corner of the intersection of 14th Street and 35th Avenue;
- "Used auto sales yard", "auto sales & service " building, "auto show room", and "garage" (Sanborn, 1925) located in the city block to the north of the site.
- Gasoline and oil station (Sanborn, 1950) located on the southwest corner of the intersection of 14th Street and 37th Avenue, approximately 600 feet to the northeast of the site.
- Gasoline and oil station (Sanborn, 1969) located on the southeast corner of the intersection of 14th Street and 36th Avenue, approximately 600 feet to the northeast of the site.


If you have any questions or comments, please do not hesitate to contact our Concord office at (510) 671-2387.

Sincerely,

Groundwater Technology, Inc.

Written/Submitted by


Michael A. Chamberlain
Project Manager

PR 

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

May 9, 1994
StID # 4249

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

Mr. Mark Miller
Chevron USA Products Company
2410 Camino Ramon
P. O. Box 5004
San Ramon, CA 94583-0804

**Re: Comment on March 25, 1994 Work Plan for Additional Site
Assessment for Former Chevron Station #9-4612, 3616 San
Leandro St., Oakland 94601**

Dear Mr. Miller:

Our office has received and reviewed the above referenced work plan for additional site assessment for the former Chevron station at 3616 San Leandro Street. This work plan calls for the installation of one boring near the former pump island and one monitoring well further downgradient across San Leandro Street. This investigation will help to define the limits of soil and groundwater contamination downgradient to the former tanks and pump islands and is acceptable, however, our office also requests additional investigation near the former fuel tanks.

Our request for this additional investigation is based on the lack of soil data from the original tank removals plus the consistent gasoline and BTEX contamination being found in well VH-1. The former tank area may still be a source of soil and groundwater contamination. An additional monitoring well will be required to determine the upgradient limits of the groundwater contamination. It may be more efficient for your subsurface investigation to perform this additional work along with the proposed boring and monitoring well. In any event, please respond to this request, within 30 days, or by June 13, 1994.

Please contact me at least 48 working hours prior to any field activities so I may arrange to be onsite if possible. You may contact me at (510) 271-4530 if you have any questions.

Sincerely,

Barney M. Chan, Hazardous Materials Specialist

cc: J. Ratto, 191 98th Ave., Oakland CA 94603
Mr. & Mrs. McIlraith, 1809 Golden Rain Rd., #5, Walnut Creek,
CA 94595
M. Blundell, Groundwater Tech, 4057 Port Chicago Highway,
Concord, CA 94520
E. Howell, files wpad3616

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

August 26, 1993
StID # 4249

Mr. Mark Miller
Chevron USA Products Co.
P.O. 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: Status of Subsurface Investigation for Former Chevron
Service Station #9-4612, 3616 San Leandro St.,
Oakland CA 95601**

Dear Mr. Miller:

Our office has received and reviewed the July 14, 1993 groundwater sampling report for the above site as performed by Groundwater Technology and described in your August 18, 1993 cover letter. The report shows the continual elevated gasoline and benzene concentration in groundwater well, VH-1, as has been seen since August 1988. It also shows elevated gasoline and benzene concentration in MW-3 and to a lesser degree in MW-2.

Your letter states that although the groundwater gradient is not as anticipated, it remains consistent and therefore more frequent groundwater elevation readings are not justified. Your April 21, 1993 states that once the groundwater flow direction has been established, you will instruct your consultants to prepare a work plan to delineate impacts to soil and groundwater. This letter requests submission of such a work plan to be included in your next quarterly monitoring report, (This assumes gradient for your August sampling is consistent with the two prior readings). Since relatively little is known about the subsurface soils, a boring or soil vapor survey would be in order in the areas of the former underground tanks and pump islands. We would also anticipate additional well(s) to determine the extent of groundwater contamination. You may contact me at (510) 271-4530 if you have any questions.

Sincerely,

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

Barney M. Chish
Hazardous Materials Specialist

cc: J. Ratto, 191 98th Ave., Oakland CA 94603
Mr. and Mrs. McIlraith, 1809 Golden Rain Rd., #5, Walnut
Creek, CA 94595
T. Watchers, Groundwater Tech., 4057 Port Chicago Highway,
Concord, CA 94520
E. Howell, ~~file~~ wp3616SL

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 27, 1993
StID # 4249

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

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

**Re: Comment on April 12, 1993 Environmental Assessment for
former Chevron Station, 3616 San Leandro St., Oakland 94601**

Dear Mr. Miller,

Thank you for the submission of the above referenced report detailing the installation of two additional monitoring wells and the sampling of a total of three wells. Our office agrees that further soil and groundwater investigation should be performed after the groundwater gradient has been determined. Our office also has the following observations and suggestions:

1. Groundwater elevation measurements should be performed on a **monthly** basis for the next two quarter and reported in the quarterly reports.
2. Please analyze MW-3, the well closest to the former waste oil tank, for the additional waste oil parameters; Total Oil and Grease, Total Petroleum Hydrocarbons as diesel and Chlorinated Hydrocarbons. These parameters should be run for several quarters to insure that there aren't these contaminants in addition to gasoline and BTEX.
3. It appears from the boring logs that monitoring wells 2 and 3 may have been drilled into a unconfined aquifer while well VH-1 was drilled into a confined aquifer. This may contribute to the unexpected northeasterly gradient being found on this site.
4. There appears to be contaminated saturated soils in the 15 feet depth beneath MW-2 and MW-3 which will need to be investigated.

Please comment of the the above items in your next quarterly monitoring report.

Mr. Mark Miller
StID #4249
3616 San Leandro St.
April 27, 1993
Page 2.

You may contact me at (510) 271-4530 should you have any questions.

Sincerely,



Barney M. Chan, Hazardous Materials Specialist

cc: R. Hiett, RWQCB
T. Watchers, Groundwater Tech, 4057 Port Chicago Highway,
Concord, CA 94520

J. Ratto, 191 98th Ave., Oakland CA 94603
Mr. and Mrs. McIlraith, 1809 Golden Rain Rd., #5, Walnut
Creek, CA 94595

E. Howell, files.

Qtr-3616SLSt



Chevron U.S.A. Products Company

2410 Camino Ramon, San Ramon, California • Phone (510) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

April 21, 1993

apparently no soil cuttings were
#4249
MW #2+3
installation report

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

**Re: Former Chevron Service Station #9-4612
3616 San Leandro Street, Oakland, CA**

Enclosed is the Additional Environmental Assessment Report dated April 12, 1993, prepared by our consultant Groundwater Technology for the above referenced site. Two soil borings, MW-2 and MW-3, were advanced and completed into ground water monitor wells. This work was performed to further characterize soil and ground water conditions beneath the site.

Two soil borings were advanced to ground water and soil samples collected from the drill cuttings were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and BTEX. Laboratory analytical results indicate concentrations of these constituents below method detection limits for all samples. Ground water samples were collected from all monitor wells at this time also. Benzene was detected only in monitor wells VH-1 and MW-2 at concentrations of 600 ppb and 720 ppb, respectively.

Depth to ground water was measured at approximately 6.7 feet to 7.6 feet below grade. Regional ground water flow direction is generally towards the San Francisco Bay to the west, however the gradient direction observed at the site is towards the northeast. Due to this discrepancy, Chevron recommends collecting two quarters of depth to ground water measurements to accurately determine ground water flow direction. Once ground water flow direction has been established, Chevron will instruct its consultant to prepare a work plan for additional delineation of impacts to soil and ground water. Chevron will continue to monitor and sample all wells at this site on a quarterly basis.

If you have any questions or comments, please do not hesitate to contact me at (510) 842-8134.

Very truly yours,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Mr. Rich Hiatt, RWQCB - Bay Area
Ms. B.C. Owen
File (9-4612 SA1)





Chevron U.S.A. Products Company

2410 Camino Ramon, San Ramon, California • Phone (510) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

Operations

February 2, 1993

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Re: **Former Chevron Service Station #9-4612**
3616 San Leandro Street, Oakland, CA

94601

Dear Mr. Chan:

This letter is a follow up to our telephone conversation of February 1, 1993, in which you requested information regarding the removal of the underground storage tanks and installation of the monitor well at the above referenced site.

The underground storage tanks were removed from the site in February of 1976 by M. A. Lindquist Co. Inc. Soil samples were not taken as this was not a requirement at the time.

As indicated in the enclosed Vonder Haar Hydrogeology report dated September 16, 1988, one monitor well was installed at the site on August 9, 1988. This well was installed to further investigate a reported gasoline odor in the soils at approximately 20 feet below grade which was discovered during the drilling of geotechnical borings at the site on February 10, 1988. Analytical results indicated extremely low to non-detectable concentrations of hydrocarbon constituents were present in the soil. Analytical results of water samples indicated that hydrocarbon constituents had impacted ground water. These results are summarized in Table 1 of the above mentioned report. A warehouse structure was soon thereafter built at this location and the well was preserved throughout the construction.

The existing well was sampled from June of 1989 to April of 1992. Chevron concurrently began work to install additional wells in San Leandro Street in the presumed downgradient direction as the property owner did not want any more wells installed on-site. The City of Oakland denied the encroachment permit to install wells in San Leandro Street based on a city requirement whereby encroachment permits can only be issued to owners or tenants of properties from which encroachment is requested. However the City will issue a permit if the property owner is notified and agrees to authorize the proposed work. The property owner declined to authorize Chevron to perform this additional work as he felt it would hinder the business currently operating there.

At this point it was brought to Chevron's attention that the plot of land which the former Chevron service station occupied is actually two separate parcels divided along the wall of the existing warehouse. Each parcel has a different owner. Chevron began negotiations with this property owner to install wells on the eastern portion of this site. Soon thereafter Chevron received the enclosed letter from Eddy So of the Regional Water Quality Control Board dated November 8, 1991, requesting that two additional wells be installed on-site. In our enclosed response letter dated November 15, 1991, Chevron indicated that on-site wells were currently being pursued and a work plan for these wells would be forthcoming.

Page 2
Former SS#9-4612
February 2, 1993

Implementation of the current scope of work as presented in the enclosed Groundwater Technology Inc. work plan dated June 17, 1992, was significantly delayed due to difficulty in obtaining access to the eastern portion of the site. Access to the property has just recently been obtained and the wells proposed in the work plan were installed on February 1, 1993. A report documenting results of this investigation will be forwarded for your review. Ground water monitoring and sampling of all wells will continue on a quarterly basis.

I trust this letter provides an adequate summary of activities at this site and the enclosed reports will provide Alameda County with data relevant to their current concerns. If you have any questions or comments, please do not hesitate to call me at (510) 842-8134.

Very truly yours,
CHEVRON U.S.A. PRODUCTS COMPANY



Mark A. Miller
Site Assessment and Remediation Engineer

cc: Mr. Rich Hiatt, RWQCB - Bay Area
Ms. B.C. Owen
File (9-4612 LTR1)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

2101 WEBSTER STREET, SUITE 500

OAKLAND, CA 94612

(415) 464-1255

516



November 8, 1991

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

Re: Chevron Station #9-4612 at 3616 San Leandro Street, Oakland

Dear Ms. Vukelich:

I refer to your latest Quarterly Ground Water Monitoring Report dated October 22, 1991 together with the covering letter dated October 31, 1991. Upon review of these documents and the associated analytical results for groundwater samples, I opine that the existing one-well monitoring system is not enough in defining the extent of the groundwater contamination on the above site.

Despite your failure to obtain the encroachment permits for offsite wells installation, I do not see that continuous sampling and monitoring of only one well on site is diligent enough to clean up the groundwater contamination beneath your property. Without knowing the site specific information such as the groundwater flow gradient and direction, the extent of contamination cannot be defined properly. In addition, the decreasing concentrations of TPHg and benzene since December 8, 1990 sampling indicate the possibility that contaminants migration may have occurred.

In order to assess the limit of contaminants migration from the source and to assist in defining the contamination contour beneath the property area, two more monitoring wells are required to be installed on site. You are requested to submit a work plan within 30 days from the date hereof to address the additional efforts required to expedite the investigation of groundwater contamination.

This office would like to see a more diligent and aggressive approach from you in association with groundwater cleanup for the above referenced site.

Please note that the Alameda County Agency of Environmental Health is still the lead agency of this case and a copy of the required work plan shall also be submitted to them.

Nancy Vukelich
Chevron #9-4612
November 8, 1991
Page 2 of 2

Should you have any questions, please do not hesitate to call me at 510-464-4366.

Truly yours,

A handwritten signature in black ink, appearing to read 'Eddy P. So', written over a horizontal line.

Eddy P. So, P.E.
Water Resource Control Engineer

cc: Ariu Levi, ACHD
File



Chevron U.S.A. Inc.

2410 Camino Ramon, San Ramon, California • Phone (510) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

Marketing Department

November 15, 1991

Mr. Eddy So
California Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland, CA 94612

#9-4612

Re: **Former Chevron Service Station #9-4816**
301 14th Street, Oakland

Dear Mr. So:

This letter is in response to your letter dated November 8, 1991, received in this office November 13, 1991. Chevron has been actively pursuing installation of additional ground water monitor wells both on-site and off-site since the site responsibility was turned over to me in June, 1990. The wells proposed are in the surmised down-gradient direction (southwest) and other source areas. Based on topography, ground water may flow to the southwest, give or take 30 degrees. Your assumption that the decreasing concentrations of TPH-G and Benzene since the December 8, 1990, sampling indicate the possibility that contaminant migration may have occurred is the rationale we based the off-site well locations on. We more actively pursued off-site wells as the property owner did not want any other wells installed on his property.

As stated in my cover letter dated October 31, 1991, the city denied the encroachment permit based on a city requirement whereby encroachment permits can only be issued to owners or tenants of properties from which encroachment is requested. However, the city will issue a permit if Chevron formally notifies the property owner of their intent to perform said work, assuming full responsibility, and secure written acknowledgement for Chevron to perform this additional work. The property owner will not sign this authorization for Chevron to perform this additional work. However, it has been recently brought to my attention that the parcel of land the former service station existed on was subdivided into two (2) separate parcels. Our property representative is currently pursuing securing of an easement agreement with this property owner to allow us access to perform additional on-site work. In addition, we will continue to pursue securing the necessary acknowledgement for Chevron to secure off-site encroachment permits with this property owner.

With this Chevron is requesting an extension for submittal of a work plan effective November 18, 1991, to terminate on January 15, 1992 to allow for sufficient time to secure the necessary access agreements. If securing of necessary easement agreements is not completed by this time, you will be formally notified.

If you have any questions or comments, please do not hesitate to contact me at (510) 842-9581.

Very truly yours,
CHEVRON U.S.A. INC.

Nancy Vukelich
Environmental Engineer

cc: File (9-4612-4)

Mr. Ariu Levi - Alameda County Health Care Services

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

Telephone Number: (415) 271-4320

Vernon McIlraith
1809 Goldenrain Road #5
Walnut Creek, CA, 94595

Dear Sir:

Re: 3614 San Leandro St.

This letter confirms the conversation between your son, Terry McIlraith, and this Agency on June 15, 1988. As discussed, the subsurface hydrocarbon contamination found in the course of preliminary foundation studies must be evaluated for its lateral and horizontal extent. Your letter to this Dept. dated May 25, 1988, will not be considered verification for the date when the underground tank system at the above address was removed.

California Health and Safety Code, Section 25189.5(a), states: the disposal of any hazardous waste, or the causing thereof, is prohibited when the disposal is at a facility which does not have a permit from the department issued pursuant to this chapter, or at any point which is not authorized according to this chapter.

California Health and Safety Code, Section 25189(d), states: any person who negligently disposes or causes the disposal of any hazardous or extremely hazardous waste, at a point which is not authorized shall be subject to a civil penalty of not more than twenty five thousand (\$25,000) dollars per day for each violation.

California Administrative Code, Title 22, Section 66328(d), states: if corrections are needed, the operator shall provide the department with a written plan of correction, which states the actions to be taken and the expected dates of correction.

Your plan of correction must include, but is not limited to the following:

1. Define the horizontal and lateral extent of contamination by sampling. Identify sampling methods.
2. Proposed clean up actions.
3. Name of licensed hazardous waste hauler.
4. Location of disposal site.
5. Measures that will be taken to prevent this problem from reoccurring.
6. Identify intent to submit copies of all manifests and receipts for all hazardous waste removed.
7. Include statement that clean up will begin after receiving approval from this Dept. for submitted plan of correction.

You are requested to respond to this letter within fifteen working days from the above letter date.

If you have any questions concerning this matter, your contact person is Ariu Levi, Hazardous Materials Specialist. He can be reached at 415-271-4320.

Sincerely,

Rafat Shahid

Rafat Shahid, Chief,
Hazardous Materials Division

RAS:AL:mnc

cc Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency

Pete Johnson, RWQCB
Dwight Hoenig, DOHS

Vonder Haar Hydrogeology

1609 Jaynes
Berkeley, CA 94703
(415) 527-7652

July 25, 1988

Ariu Levi
Hazardous Materials Specialist
Alameda County
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

Re: 3614 San Leandro Street
Plan of Correction

Dear Mr. Levi:

This letter is in response to the letter sent by your department via fax on July 13, 1988 to Vernon McIlraith concerning possible hydrocarbon contamination at his property on 3614 San Leandro Street, Oakland. As you may recall, we spoke last week on the telephone concerning this matter. Vonder Haar Hydrogeology has been retained by M.A. Linquist Company, Inc., a construction-management firm in Oakland, who are working as Mr. McIlraith's representative on this site. It is our understanding that plans are under consideration for building a single-story commercial warehouse on this location (Figure 1).

Efforts are being made by the Linquist Company to obtain information from Chevron, Standard Oil of California, and local agencies concerning the filling station Chevron previously operated on the site. To the best of our knowledge the fuel tanks were removed about 10 years ago and the excavation backfilled with sand. We will provide you with copies of this information when we receive it.

A preliminary soil investigation of the site (Rogers/Pacific, 1988) revealed a strong gasoline odor in three borings drilled on site (Figure 1). This report also suggested that a sand filled depression around boring B-2 may indicate the location of a preexisting gasoline storage tank.

At this time, we have a preliminary plan of correction pending obtaining information from Chevron on the gasoline tank removed. As stated in your letter of

July 13, 1988, the site must be evaluated for the vertical and lateral extent of hydrocarbon contamination. We propose the following:

1. Contact local agencies to help determine the local groundwater flow direction. The generalized flow is to the southwest toward San Francisco Bay.
2. Install a groundwater monitoring well on site in accordance with state and local guidelines. The location of this well will be determined by the information provided by Chevron. If no data is available from Chevron, the well will be placed about 10 feet southwest of the estimated tank location shown in Figure 1.
3. Soil samples will be collected every 5 feet from the monitoring well boring using standard operating procedures. Any indication of hydrocarbon odor or coloration will be noted. All soil samples will be collected in clean brass tubes, sealed, refrigerated, and transported to Brown and Caldwell Laboratories, or another approved laboratory. Four soil samples will be analyzed by EPA Method 8015 for total fuel hydrocarbons and benzene, toluene, and xylenes (BTX). The remaining soil samples will be placed on hold for later analysis as needed.
4. The monitoring will be developed. After a suitable period of recovery, water-level measurements will be made. The well will then be purged and the well water sampled using a teflon bailer. The water sample will be analyzed for total fuel hydrocarbons and BTX using EPA method 8015. Optional analyses include EPA method 624 for volatile organic compounds (VOCs).
5. A report documenting the above activities will then be made and presented to you for evaluation.

The above preliminary plan of correction should help determine the degree of hydrocarbon contamination at the site. Based on this initial acquisition of quantitative data, further soil borings, monitoring wells, and remediation can be planned if needed.

Vonder Haar Hydrogeology

1609 Jaynes
Berkeley, CA 94703

(415) 527-7652

Stephen P. Vonder Haar, Ph.D., R.G.
Principal Hydrogeologist

Yours truly,

Vonder Haar Hydrogeology



by Stephen P. Vonder Haar, Ph.D., R.G.
Principal Hydrogeologist

1809 Goldenrain Road #5
Walnut Creek, CA 94595

Ariu Levi

May 25, 1988

Alameda County Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Dear Mr. Levi,

This letter is in response to your verbal inquiry regarding petroleum residue found at 3614 San Leandro Street. It has been assumed that the residue resulted from leaking underground gasoline storage tanks. The service station and the tanks were removed from my property by Chevron prior to February 1983 as I have determined from my income tax returns. That is the date the last rent check was received from Chevron. The property has been an unused vacant lot since that time.

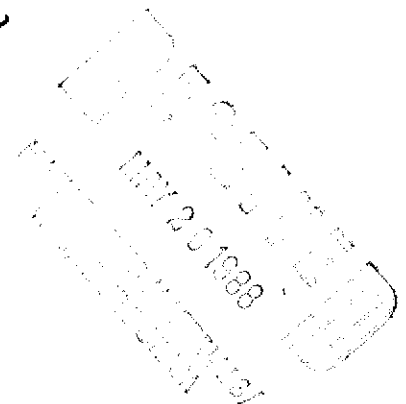
It should be noted that the residue was found 20 feet below the surface which is 18 feet below the foundation of the warehouse to be built on the property.

Sincerely,



Vernon C. McIlraith

Property Owner



DEPARTMENT OF CONSERVATION
DIVISION OF MINES AND GEOLOGY
DIVISION HEADQUARTERS
1416 NINTH STREET, ROOM 1341
SACRAMENTO, CA 95814
(Phone 916—445-1825)



February 22, 1988

Ms. Mary Carter
Hazardous Materials
470 - 27th Street, Room 322
Oakland, CA 94612

Dear Ms. Carter:

This is being reported on behalf of the designated employees of the Department of Conservation.

Sincerely,

A handwritten signature in cursive script that reads "Theodore C. Smith".

Theodore C. Smith
Planning Officer

RECEIVED
FEB 23 1988

Reporting Agency : DEPARTMENT OF CONSERVATION

NOTIFICATION TO COUNTIES OF HAZARDOUS WASTE DISCHARGE SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (PROP 65)

Agency File Number Assigned by Coordinator: _____

1. Date (Today): 02 22 88
2. Initials of Staff Filing Report: TCS
3. Division/Program : M, I, N, E, S, / G, E, O, L

4. Type of Discharge : UNKNOWN
(Tank leak/Spill/Other-Specify/Unknown)
5. How Discharge Discovered: PHONE*
(Phone/Letter/Report/Inspection)
6. Date Discharge Discovered: 02 19 88*
I WAS NOTIFIED ON 2/22/88

INSTRUCTIONS
Use this report form to record pertinent information about a discharge. Send copies to the appropriate County Health Officer and Board of Supervisors. Also send a copy to your agency coordinator for county notifications. Your agency coordinator is:
Dennis O' Bryant
1416 Ninth St, Rm 1326-2
Sacramento, CA 95814
(916) 322-5873

7. PERSON/AGENCY REPORTING DISCHARGE (The source of your information.)
Name: PETER BAILEY
Agency: ROGERS/PACIFIC
Address: 396 CLUIC DR
City: PALMHEART HILLS
State: CA Zip: 94523 Phone: 415.682.7601

9. DISCHARGE LOCATION (Or sampling location. YOU MUST ENTER THE COUNTY!)
Name: LOTS 18 & 19
Address: SAN LEANDRO ST (BETWEEN 36th & 37th)
City: OAKLAND
COUNTY: ALAMEDA Zip: _____
Phone: _____
Latitude: _____ Longitude: _____
Township: _____ Range: _____ Section: _____ Baseline (N/M/S) _____

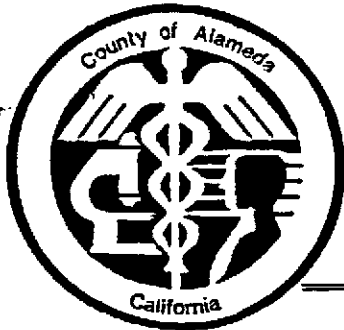
8. PROBABLE DISCHARGER (Enter UNKNOWN if not known.)
Name: UNKNOWN
Address: _____
City: _____
State: _____ Zip: _____ Phone: _____

10. HAZARDOUS CHEMICALS SUSPECTED/CONFIRMED PRESENT?
(Attach Hazardous Chemicals Report to Counties. (S/C): _____
See note in box # 11)

11. DESCRIPTION OF INCIDENT
(If more than 120 characters required, continue comments in box #16 on reverse side of this form.)
SOIL CONTAMINATED WITH HYDROCARBONS DISCOVERED AT OLD FILLING STATION SITE (FORMER CHEVRON? STATION)

12. DECISIONS
Significant Health Threat? Yes/No/Unknown (Y/N/U) U
Date Determined Reportable: _____ M D
Time Determined Reportable: _____ (24 hr)
Notify County Listed in #9 (above)? _____ (Y/N)
Notify the following counties in addition to County listed in #9. (Use County codes. Leave blank if none.)

County Codes: 01-Alameda 08-Del Norte 15-Kern 22-Mariposa 29-Nevada 35-San Benito 41-San Mateo 47-Siskiyou 53-Trinity
02-Alpine 09-El Dorado 16-Kings 23-Mendocino 30-Orange 36-San Bernardino 42-Santa Barbara 48-Solano 54-Tulare
03-Amador 10-Fresno 17-Lake 24-Merced 31-Placer 37-San Diego 43-Santa Clara 49-Sonoma 55-Yuba
04-Butte 11-Glenn 18-Lassen 25-Modoc 32-Plumas 38-San Francisco 44-Santa Cruz 50-Stanislaus 56-Ventura
05-Calaveras 12-Humboldt 19-Los Angeles 26-Mono 33-Riverside 39-San Joaquin 45-Shasta 51-Sutter 57-Yolo
06-Colusa 13-Imperial 20-Madera 27-Monterey 34-Sacramento 40-San Luis Obispo 46-Sierra 52-Tehama 58-Yuba



HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

GERALD H. WINN, DIRECTOR

HAZARDOUS MATERIALS MANAGEMENT DIV.

470 - 27th ST., RM. 322

OAKLAND, CA 94612 (415) 874-7237

- () HAZARDOUS MATERIALS RELEASE AND NOTIFICATION REPORT (H&SC 25180.7)
() EMERGENCY RESPONSE

1. INFORMATION RECEIVED BY: Mary Jo Carter
DATE: 2/22/88 TIME: 9:27 A
2. INCIDENT LOCATION: San Leandro St. Between 36+37th Ave.
Lots 18+19. OAKLAND 94601
3. DATE OF INCIDENT: 2/19/88 TIME OF INCIDENT: unk
4. REPORTED BY: Ted Smith AGENCY: CA Div. of Mines
ADDRESS: 1416 - 9th St. Sacramento
TELEPHONE: (916) 322-3202 CONTACT NAME: Peter Bailey - 682-7601
5. TYPE OF DISCHARGE:
 Discharge from vehicle License Plate No. _____
Manifest/Shipping Information: _____
 Abandoned Material Fixed Facility
Name: _____ Address: _____
City: _____ Zip: _____
 Other (Specify) _____
6. ESTIMATED QUANTITY DISCHARGED: unk QUANTITY THREATENED TO BE RELEASED: _____
7. NATURE OF MATERIAL:
 Solid Liquid Gas Powder Granular
 Radio Active Other Soil
Chemical Name Gasoline Common Name _____
8. HAZARDOUS PROPERTIES: Corrosive Ignitable Toxic Reactive
 Other
9. HAZARDOUS MATERIAL WAS RELEASED TO:
 Air Storm Drain San Francisco Bay Sanitary Sewer
 Other Natural Waterway (creek, lake, reservoir) Ground
Water Ground Surface (soil, road, etc.) Other (Specify) _____
10. WEATHER CONDITIONS: Good
11. NUMBER OF INJURED PERSONS REQUIRING HOSPITALIZATION: NA
NAMES AND ADDRESSES OF HOSPITALS UTILIZED:

12. PERSONS PRESENT AT SCENE:

NAME	AFFILIATION	PHONE NO.
PETER Bailey	Rogers / Pacific	682-7601

13. RESPONSIBLE PARTY:

NAME: _____ PHONE NO. _____
 ADDRESS: _____

14. EVIDENCE COLLECTED (SAMPLES, PHOTOGRAPHS, ETC.)

15. CLEAN-UP ACTIONS:

NAMES AND ADDRESSES OF PERSONS DOING CLEAN-UP

DESCRIPTION OF CLEAN-UP ACTIONS: _____

16. TIME INCIDENT CLOSED: _____

17. ELAPSED TIME: _____

18. DISCHARGE NOT TO BE NOTIFIED ()

Unlikely to Cause Substantial Injury to Public Health & Safety
 Public knowledge Ongoing criminal investigations Permitted Discharge Other

19. DISCHARGE TO BE NOTIFIED ()

FACTORS DETERMINING THAT THIS HAZARDOUS WASTE DISCHARGE OR POTENTIAL DISCHARGE IS LIKELY TO CAUSE SUBSTANTIAL INJURY TO THE PUBLIC HEALTH OR SAFETY _____

20. NOTIFICATION

- Board of Supervisors
- Health Officer
- Alameda County Press Room
- California Department of Health Services
- Reporting Agency or Individual

By copy of this report to the above listed agencies and officials, we are hereby submitting this information on behalf of all designated employees of the Department of Environmental Health, according to Section 25180.7, Health & Safety Code. The information submitted in this report is based upon the best available information at the time the report was completed.

Inspector's Name: [Signature] Date: 3-1-87

Inspector's Signature: [Signature]

GEO TECH

SUBSURFACE INVESTIGATION

VERVEN MCELRAITH

1809 GOLDEN MAIN ROAD #5

WALNUT CREEK

94595

(P.G.E.)

Tenny

- 972-3372

GAS?

STANDARD ^{station}

3608 - 3626

SAN LEANDRO

TANKS REMOVED N TYN.
CHEVON

BORING - 21' - 25'

GRN H₂O 14' - 9'

Soil SAND/GRAVEL CLAY

3/16/88 SPOKE TO TENNY MCELRAITH & REQUESTED
DOCUMENTATION RE TANK REMOVAL.

3/24/88 SPOKE TO GEO TECH RE SITE. INFORMED NIM
UPDATE RE CLOSURE DATE STILL NEEDED.

3/31/88 SPOKE TO MCELRAITH SR. REQUESTED
LETTER STATING PROGRESS TOWARD IDENTIFYING
DATE GAS STATION CLOSED.

4/6/88 spoke to McRAITH SR.
REQUESTED INFO ON TANK CLOSURE DATE

5/24/88 spoke to McRAITH JR.

6/14/88 LEFT MESSAGE 4 McRAITH JR TO CALL BACK

Reporting Agency :

NOTIFICATION TO COUNTIES OF HAZARDOUS WASTE DISCHARGE
SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT, 1986 (PROP 65)

13. COUNTY HEALTH AGENCY: INITIAL CONTACT
Date: 02 22 88 (MM/DD/YY) Check box if one contact may be used to notify both the County Health Officer and the Board of Supervisors.
Time: 09:25 (24 hr)
How: PHONE (Example: Phone/Ans. Mach./Conversatr/Modem)
Who: MARY CARTER
Phone: 415.874.7237

WRITTEN NOTICE

Date: _____ (MM/DD/YY)
POST OFFICE CERTIFIED MAIL NUMBER: _____
Who: MARY CARTER
Agency: HAZARDOUS MATERIALS
Addr: 470 27th ST RM 322
City: OAKLAND
Zip: 94612 Phone: 415.874.7237

15. STAFF CONTACT FOR FURTHER INFORMATION
Name: DAVID L WAGNER
Phone: 415. ~~646~~ 5932
Reference File: _____
(Example: Permit Number)

16. DESCRIPTION OF INCIDENT (CONT.) AND FOLLOW UP NOTES (Limit 120 characters)

14. COUNTY BOARD OF SUPERVISORS: INITIAL CONTACT
Date: 02 22 88 (MM/DD/YY)
Time: 09:20 (24 hr)
How: PHONE (Example: Phone/Ans. Mach./Conversatr/Modem)
Who: ROSE CABALERRO
Phone: 415.272.6347

WRITTEN NOTICE

Date: _____
POST OFFICE CERTIFIED MAIL NUMBER: _____
Who: BOARD OF SUPERVISORS
Agency: ALAMEDA COUNTY
Addr: 1221 OAK
City: OAKLAND
Zip: 94612 Phone: 415.272.6347

17. DESIGNATED EMPLOYEE
Name: THEODORE C SMITH
Phone: 916.322.3202

Signature of Designated Employee

Date Signed: _____
M M D D Y Y

Time Signed: _____ (24 hr)

Lots 19 & 18

San Leandro Street between

36th & 37th

Oakland -

Peter Bailey

Royers/Pacific

682-7601

gasoline ~~gas~~

(old filling station tank)

removed tank

former site

remnants of leak

discovered old leak

contaminated w/ hydrocarbons

ENVI. UPDATED

Press [ESC] for the menu

UNDERGROUND STORAGE TANK CLEANUP SITE

-LOP:A--TRemov:--SLIC:--

SITE ID: 4249	SOURCE OF FUNDS: F	SUBSTANCE : 8006619
SITE NAME: Chevron		DATE REPORTED : 07/12/1988
SITE ADDRESS: 3616	-0 San Leandro St	DATE CONFIRMED: 07/12/1988
CITY: Oakland	ZIP CODE: 94601	MULTIPLE RPs : Y

CASE TYPE: 0 CONTRACT STAT: 4 PRIORITY: -0- DATE ER: -0-

RP SEARCH : S	DATE END: 07/17/1992
PRELIM ASSESSMENT : -	DATE BEGIN: -0- DATE END: -0-
REMEDIAL INVEST : -	DATE BEGIN: -0- DATE END: -0-
REMEDIAL ACTION : -	DATE BEGIN: -0- DATE END: -0-
POST REMED MONITOR: -	DATE BEGIN: -0- DATE END: -0-

ENFORCEMENT TYPE: 1	DATE ENFORCEMENT ACTION TAKEN: 07/17/1992
LUFT CATEGORY: -0-	CASE CLOSED: - DATE CASE CLOSED: -0-
DT EXC START : -0-	REMEDIAL ACTIONS TAKEN: -0-

PgDn for Screen #2

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: SITE Table: SITE Field: Source Page: 1

STID: 4249

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

IN-HOUSE MANAGEMENT:

RISK ASSESSMENT : -0-	LOC-CleanUp Fund? -0-
DATE LAST CORSP : 01/07/1999	INSPECTOR INIT: BC

CONTACT/RESPONSIBLE PARTY INFORMATION:

RP #1: CONTACT: n/a	RP COST: \$0.00
RP COMPANY NAME: Mr. Jack Ratto	Ph: -0-
ADDRESS: 191 98th Street	
CITY/ST/ZIP: Oakland, California 94603	

COMMENT: MTBE= 216 ppb in VH-1 (11/24/99) no sensitive receptors nearby

PgUp For Screen #1;PgDn For More RP'S

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: SITE Table: SITE Field: FlagDate Page: 2

RP seq#: 2-9

ADDITIONAL RP'S -SCREEN # 3

RP #2	
CONTACT NAME: Mark Miller	Ph: -0-
COMPANY NAME: Chevron U. S. A. Products Co.	

ADDRESS: P. O. Box 5004
CITY/ST/ZIP: San Ramon, California 94583

RP #

CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/ST/ZIP:

Ph:

RP #

CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/ST/ZIP:

Ph:

PgUp for Screen #2;

<F7>/<F8> for Next / Previous RP

[ESC] Done

[F2] Clear field

[Shift-F2] Clear to end

[Shift-F10] More

Form: SITE

Table: RPs

Field: RPseq#

Page: 3

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Telephone Number: (415)

7/14/88

Vernon McIlraith
1809 Goldenrain Road #5
Walnut Creek, CA, 94595

Dear Sir:

Re: 3614 San Leandro St.

This letter confirms the conversation between your son, Terry McIlraith, and this Agency on June 15, 1988. As discussed, the subsurface hydrocarbon contamination found in the course of preliminary foundation studies must be evaluated for its lateral and horizontal extent. Your letter to this Dept. dated May 25, 1988, will not be considered verification for the date when the underground tank system at the above address was removed.

California Health and Safety Code, Section 25189.5(a), states: the disposal of any hazardous waste, or the causing thereof, is prohibited when the disposal is at a facility which does not have a permit from the department issued pursuant to this chapter, or at any point which is not authorized according to this chapter.

California Health and Safety Code, Section 25189(d), states: any person who negligently disposes or causes the disposal of any hazardous or extremely hazardous waste, at a point which is not authorized shall be subject to a civil penalty of not more than twenty five thousand (\$25,000) dollars per day for each violation.

California Administrative Code, Title 22, Section 66328(d), states: if corrections are needed, the operator shall provide the department with a written plan of correction, which states the actions to be taken and the expected dates of correction.

Your plan of correction must include, but is not limited to the following:

1. Define the horizontal and lateral extent of contamination by sampling. Identify sampling methods.
2. Proposed clean up actions.
3. Name of licensed hazardous waste hauler.
4. Location of disposal site.
5. Measures that will be taken to prevent this problem from reoccurring.
6. Identify intent to submit copies of all manifests and receipts for all hazardous waste removed.
7. Identify intent to start clean up after receiving approval from this Dept. for submitted plan of correction.

You are requested to respond to this letter within fifteen working days from the above letter date.

If you have any questions concerning this matter, your contact person is Ariu Levi, Hazardous Materials Specialist. He can be reached at 415-271-4320.

Sincerely,

Rafat Shahid, Chief,
Hazardous Materials Division

RAS:AL:mnc

cc Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Pete Johnson, RWQCB
Dwight Hoenig, DOHS

Copy for INSPECTOR

Excavation Permit Granted _____ No. _____

CITY OF OAKLAND

Tank Permit

Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks. No. _____

Oakland, California, 2/9/76 19__

PERMISSION IS HEREBY GRANTED TO ~~Install~~ ~~remove~~ ~~repair~~ Gasoline tank and excavate commencing _____ feet inside _____ line

on the W side of San Leandro Street 500 feet W of 36th Ave. Street Avenue

House No. 3636 San Leandro Street Avenue Present Storage 2-10,000 and 1-5,000

Owner Standard Oil Co. Address R O. Box 722 Campbell Phone _____

Applicant H. L. Stevens Inc. Address 990 - 98th Ave. Phone _____

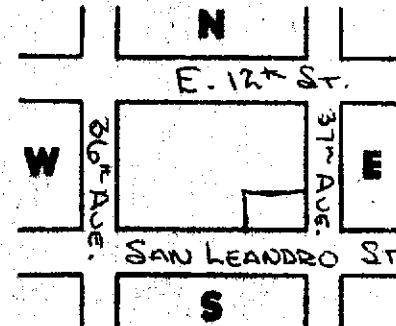
Dimensions of street (sidewalk) surface to be disturbed None X Number of Tanks 3 Capacity 2-10,000 Gallons, each.

Remarks: _____

This Permit is granted in accordance with existing City Ordinances.
 Owner hereby agrees to remove tanks on discontinuance of use or when notified by the City Authorities.
 When installing, removing or repairing tanks, no open flame to be on or near premises.

Approved _____ Fire Marshal

Approved _____ Drainage Division Engineering Dept.



EXCAVATING PERMIT

Issued in accordance with Ord. No. 278 CMS, Sec. 4-2.04

_____ square feet of digging or removal granted.

The receipt of \$ _____ special deposit is hereby acknowledged.

GENERAL DEPOSIT.

BUREAU OF PERMITS AND LICENSES

Inspection Fee Paid 10.00 ck. #3039

Received by J. Griffin FIRE PREVENTION BUREAU

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and passed on Sept. 14 1976

By Steven B. Fallett Fire Marshal

Inspector was not called for during removal.

NOTICE

Before Covering Tanks, Above Certificate Must Be Signed.

When ready for inspection notify Fire Prevention Bureau, 273-3851

THIS PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR.

AB

D. J. Stevens Inc. states that tanks have been removed.
Inspection on 9-14-76 by 209 revealed no filler lines
visible and new patch of asphalt over tank area.

Steve B. Jolley