

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



7

June 13, 2006

Mr. Mark Inglis
Chevron
6001 Bollinger Canyon Rd., Rm K2256
San Ramon, CA 94583-2324

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

Mr. Tim Havel
Director, Western Environmental, Health and Safety Service Hub
Kaiser Permanente
100 S. Los Robles, Ste. 410
Pasadena, CA 91188

Dear Messrs. Inglis and Havel:

Subject: Fuel Leak Case [REDACTED] 3701 and 3741 Broadway, Oakland,
CA 94611 (Proposed Kaiser Development)

Alameda County Environmental Health (ACEH) staff has reviewed the May 24, 2006 Proposed Kaiser Development and the June 12, 2006 Well Destruction Workplan by Cambria and the January 12, 2004 Phase I Environmental Site Assessment Report and the May 26, 2006 response letter report by Secor, all responding to the County's May 1, 2006 letter. It appears that the County concerns have been adequately addressed. We have the following observations and technical report requests.

TECHNICAL COMMENTS

1. 3701 Broadway-

- Vertical Delineation of Hydrocarbons will be addressed by advancing borings in locations where prior results exceeded environmental screening levels. The borings will be advanced to a maximum depth of 30' to determine the vertical extent of contamination. In addition, an area around SB-38, where elevated lead was detected will also be sampled for this analyte.
- Sidewall sampling approximately every 20 linear feet along the excavation, sampled at five-foot intervals will be performed.
- The drainage system proposed will be done to facilitate the excavation and not as a remediation method since the rate and amount of water removed is unknown. After completion of the excavation, please provide an estimate of the amount of hydrocarbons removed from the dewatering in your excavation report.
- A set of the requested design drawings for the development will be provided from Kaiser as soon as available. Kaiser states that a moisture vapor barrier is presumed to be included.
- It appears that there still is a difference in the cleanup levels proposed by Chevron and Kaiser. Site cleanup levels must be consistent with the future use of the property and site closure will be recommended based upon your meeting the appropriate cleanup levels. Your risk assessment should verify this.
- Three borings located within the excavation limits of the former waste oil tank will be analyzed for TPHd and TPHmo in addition to TPHg, BTEX and lead.
- The monitoring well decommissioning work plan for the six on-site wells is approved to accommodate the proposed site excavation. The off-site wells must either be sampled or properly decommissioned. Wells E and F have been paved over and not sampled since 3/03. It is uncertain whether these wells monitor the extent of the

plume since free product on-site and non-detectable concentrations off-site have been reported for years. Please include a proposal for wells E & F and a discussion of the extent of plume delineation in your well decommissioning report.

2. A copy of the Phase I investigation for the other properties of this site ie 3741, 3735-3737 and 3751-3757 Broadway has been provided by Secor. Based upon this report no additional areas of chemical concern were identified.
3. 3741 Broadway- This address is the area identified on the Val Strough Honda lot where the main sales office, storage room with a door covering the floor and a floor drain were located. The areas near SB-12 and SB-32 with elevated TPH and metals contamination will be excavated and re-sampled according to a soil management plan. Please submit the plan prior to excavation.
4. 3735-3737 Broadway- This address is the area where the former Rainbow Car Wash, sump and three underground storage tanks had been located. Kaiser will provide a work plan to complete investigation of soil and groundwater impacts associated with the former USTs at this site.
5. 3751-3757 Broadway- The localized TPH mo and TPHd contamination reported in SB-48 will be excavated and re-sampled according to the referenced soil management plan.

TECHNICAL REPORT REQUEST

Please submit the technical information according to the following schedule:

- 90 days after excavation of 3701 Broadway- Confirmation soil sampling (Excavation) report, design drawings for development, risk assessment, monitoring well decommissioning report and extent of plume discussion.
- 30 prior to hot spot excavation- Soil Management Plan and work plan for soil and groundwater investigation of 3735-3737 Broadway.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Please do not submit reports as attachments to electronic mail.

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. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. 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 monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

PERJURY STATEMENT

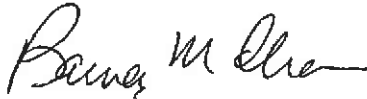
All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or 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.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos

Mr. Greg Hoehn, Secor, 57 Lafayette Circle, 2nd Floor, Lafayette, CA 94549
Mr. Bob Foss, Cambria, 5900 Hollis Street, Suite A, Emeryville, CA 94608
Mr. Jay Asercion, Kaiser Permanente, 1100 San Leandro Blvd., Suite 200,
San Leandro, CA 94577

RECEIVED
MAY 30 2006



SECOR
INTERNATIONAL
INCORPORATED

www.secor.com

57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549
925-299-9300 TEL.
925-299-9302 FAX

ENVIRONMENTAL HEALTH SERVICES

May 26, 2006

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

Alameda County
MAY 31 2006
Environmental Health

Re: Response to May 1, 2006 ACEH Letter
3701 And 3741 Broadway, Oakland, California
Proposed Kaiser Permanente Development
Fuel Leak Cases RO500 and RO205

Dear Mr. Chan:

SECOR International Incorporated (SECOR) on behalf of Kaiser Foundation Health Plan, Inc. (Kaiser Permanente) is pleased to present this response to your letter dated May 1, 2006, which provided technical comments to recent documents submitted by SECOR and Cambria Environmental Technology, Inc. (Cambria). These documents presented recent characterization work performed at 3701-3757 Broadway, the site of pending redevelopment by Kaiser Permanente.

The project site currently consists of several addresses: 3701 Broadway (former Chevron retail gasoline site), and 3735-3737, 3741, and 3751-3757 Broadway (former Honda car dealership). SECOR is the environmental consultant for Kaiser Permanente during redevelopment of the site into a medical office building. Cambria is the environmental consultant for Chevron, who is responsible for environmental remediation at the former gasoline retail site located at 3701 Broadway.

Because your May 1, 2006 letter addressed documents prepared by SECOR and Cambria, both parties will provide responses to you separately. This letter addresses technical comments applicable to work being completed on behalf of Kaiser Permanente and SECOR's involvement at the site at this time. The following sections list the comments pertaining to work being completed, followed by our response.

Technical Comment #1, Part 4:

'Please clarify the specific site development planned for the 3701 Broadway site and the other properties by providing our office a copy of these plans. The SGMP [Soil and Groundwater Management Plan, prepared by Cambria] states that a subsurface building at a depth of 15' bgs is proposed. Will a moisture vapor barrier be used?'

Mr. Barney Chan
Alameda County Environmental Health Services
May 26, 2006
Page 2 of 5

Response:

Kaiser Permanente's architect is producing a set of design drawings for submission to Alameda County Environmental Health Services. It is Kaiser Permanente's understanding that a moisture barrier will be used, and that the structure's surface treatment has been designed to withstand chemical constituents in soil and groundwater.

Technical Comment #1, Part 5:

'Please provide proposed cleanup levels for soil and groundwater at the site. Those of Chevron appear to differ from those proposed by SECOR (on) behalf of Kaiser.'

Response:

In previous reports, SECOR compared site chemical data to residential Environmental Screening Levels (ESLs) developed by the San Francisco Bay Regional Water Quality Control Board. In documents prepared by Cambria on behalf of Chevron, Cambria has compared data collected from 3701 Broadway to industrial ESLs. Remediation of site soil and groundwater to levels below residential ESLs is generally considered protective of 'unrestricted' development, and this conservative approach is appropriate until the development of site-specific cleanup goals, if necessary. It is our understanding that Chevron, through their actions at this time, will not be completing their environmental responsibilities, but is utilizing upcoming site development excavation as an aid in removing potentially impacted subsurface materials.

Technical Comment #2:

'Please provide a copy of the Phase I investigation for the other properties of this site ie 3741, 3735-3737, and 3751-3757 Broadway. This information is necessary to determine the adequacy of the sampling performed at these sites.'

Response:

SECOR, on behalf of Kaiser Permanente, will forward a printed copy of the Phase I performed at 3701-3757 Broadway.

Mr. Barney Chan
Alameda County Environmental Health Services
May 26, 2006
Page 3 of 5

Technical Comment #3:

'3741 Broadway – This address is the area identified on the Val Strough Honda lot where the main sales office, storage room with a door covering the floor and a floor drain were

located. The prior SECOR investigation identified elevated levels of TPHmo, TPHd, and heavy metals in soil samples. Based on the results of the 1/06 investigation the extent of TPH and metals appears limited to near SB-12 and SB-32. Will these areas be excavated prior to development?'

Response:

Elevated concentrations of metals and petroleum hydrocarbons observed in soils at the rear of 3741 Broadway appear to be related to historical discharges of materials through floor drains, which empty through a false floor onto the underlying soil. Additional soil sampling has confirmed that elevated chemical concentrations are limited to these soils beneath the rear of the building. This area will be excavated following building demolition, and soils will be disposed of appropriately. Excavation, soil disposal, and confirmation sampling tasks will be described in a soil management plan developed and submitted prior to wholesale redevelopment activities.

Technical Comment #4:

'3735-3737 Broadway – This address is the area where the former Rainbow Car Wash, sump and three underground storage tanks had been located. Based (on) the limited sampling of the initial SECOR investigation, results from boring B6 indicate a significant release to groundwater may have occurred from the former underground tanks. We recommend additional sampling be done to determine the limits of this release to groundwater. Since no sampling was performed in the 1/06 investigation, it is unclear to what extent the 3701 Broadway site has been impacted by this release. The former USTs on this site must be further investigated. Please provide a work plan to determine the extent of soil and groundwater contamination from this tank pit area. It is also noted that elevated petroleum contamination was detected in soil samples on the 3701 Broadway site along the boundary with this site. It is unclear which site(s) are the source(s) of the contamination, however, additional soil and groundwater characterization on the 3735-3737 Broadway property is required to delineate this detected contamination. We require Chevron and Kaiser Permanente work together and include this investigation in the requested work plan.'

Mr. Barney Chan
Alameda County Environmental Health Services
May 26, 2006
Page 4 of 5

Response:

Kaiser Permanente will be investigating properties (3781 through 3799 Broadway) to the north of the former Val Strough Honda dealership as part of future property acquisition due diligence. Based on information acquired during the Phase I environmental site assessment for the properties 3781 through 3799 Broadway, Phase II activities will be performed to investigate suspect areas identified during the Phase I. The scope of work to perform the Phase II investigation of 3781 through 3799 Broadway will be detailed in a forthcoming work plan. In conjunction with the Phase II due diligence, Kaiser Permanente will include steps in the work plan to more completely investigate impacts to soil and groundwater originating from the former USTs at 3735-3737 Broadway. Kaiser Permanente will work with, and seek Alameda County approval for all investigatory work plans prior to performing the work.

Technical Comment #5:

'3751-3757 Broadway – This address is indicated as where repair and service occurred. Two additional samples were taken in the 1/06 investigation. It appears that there may be localized TPHmo and TPHd as reported in SB-48. Please determine if this result is consistent with your Phase I results or whether additional sampling is warranted.'

Response:

SECOR's Phase I did not identify potential sources of chemical impact aside from the site's history as a vehicle repair shop. Concentrations of petroleum hydrocarbons detected in soils beneath 3751-3757 Broadway appear to be incidental and not indicative of a major release. Removal of these soils and confirmation sampling will be addressed in a soil management plan (see the Response to Technical Comment #3).

Through this letter, Kaiser Permanente and SECOR believe we have responded to your technical comments. Kaiser Permanente and SECOR would be happy to arrange a meeting with you, Chevron, and Cambria, prior to developing additional documentation for your review and files. The goal of this meeting would be to familiarize you with our currently envisioned site redevelopment activities progress of site investigation activities, and to discuss associated environmental issues.

Mr. Barney Chan
Alameda County Environmental Health Services
May 26, 2006
Page 5 of 5

If you have any questions regarding this letter, please contact David Grede at Kaiser Permanente at (510) 987-3143, or the undersigned at (925) 299-9300.

Sincerely,

SECOR International Incorporated



Greg Hoehn
Principal Geologist

Cc: Jay Asercion, Kaiser Permanente
Tim Havel, Kaiser Permanente
Dave Grede, Kaiser Permanente
Mark Inglis, Chevron
Laura Genin, Cambria

ALAMEDA COUNTY
HEALTH CARE SERVICES



7

AGENCY
DAVID J. KEARS, Agency Director

May 1, 2006

Mr. Mark Inglis
Chevron
6001 Bollinger Canyon Rd., Rm K2256
San Ramon, CA 94583-2324

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

Mr. Tim Havel
Director, Western Environmental, Health and Safety Service Hub
Kaiser Permanente
100 S. Los Robles, Ste. 410
Pasadena, CA 91188

Dear Messrs. Inglis and Havel:

Subject: Fuel Leak Cases RO500 and RO205, 3701 and 3741 Broadway, Oakland,
CA 94611 (Proposed Kaiser Development)

Alameda County Environmental Health (ACEH) staff has reviewed the March 6, 2006 Soil Characterization Report Kaiser Oakland MOB 3701-3757 Broadway Oakland, California prepared by Secor, Cambria's April 13, 2006, Waste Profile for Disposal Workplan and Cambria's April 18, 2006 Soil and Groundwater Management Plan Planned Site Excavation for 3701 Broadway. As you are aware, our office is working with Chevron with their investigation at their former service station at 3701 Broadway as well as overseeing the releases observed on 3735-3737 and 3741 Broadway, properties owned by Kaiser. We previously offered comment to the Secor December 22, 2005 *Additional Characterization Work Plan* in the County's 1/31/06 letter. That work plan followed up the February 10, 2004 Secor *Phase II Environmental Site Assessment Report*. Unfortunately, it appears our comments were not incorporated in the recent investigation. Although the investigation was helpful with Chevron's evaluation of soil impacts at 3701 Broadway, it appears that there are still data gaps to address prior to concurrence for redevelopment or site closure. We recommend Chevron and Kaiser work together to address the following technical comments and submit the technical reports requested below.

TECHNICAL COMMENTS

1. 3701 Broadway- Multiple borings and soil samples on this property were analyzed and reported in Secor's March 6, 2006 report. Although we previously recommended sampling to depths necessary to define the vertical extent of contamination and the sampling of groundwater, this was not done. Chevron's Soil and Groundwater Management Plan (SGMP) proposes to excavate the entire site, to the extent possible, to a maximum depth of ~18' bgs. A drainage system is proposed to direct groundwater to a sump basin that will then be pumped to a holding tank for proper disposal. Please address the following questions/concerns:

- How will the vertical extent of contamination be determined, particularly in the locations where concentrations appear to be increasing with depth and where these concentrations exceed cleanup levels?
 - The inability to collect sidewall confirmation samples poses a problem when attempting to estimate risk to occupants of the proposed subsurface building. There is a potential that the floor confirmation samples will underestimate actual residual concentrations. An attempt to estimate sidewall samples should be done, possibly at some intermediate stage of the excavation. Please provide a supplemental sampling proposal.
 - Please provide a diagram of the proposed drainage system. Please indicate how the source areas were identified and how they will be treated by the drainage system. How and with what frequency will groundwater be sampled? Will the system allow preferential drainage from specific areas? What will determine the duration of the groundwater removal system?
 - Please clarify the specific site development planned for the 3701 Broadway site and the other properties by providing our office a copy of these plans. The SGMP states that a subsurface building at a depth of 15' bgs is proposed. Will a moisture vapor barrier be used?
 - Please provide proposed cleanup levels for soil and groundwater at the site. Those of Chevron appear to differ from those proposed by Secor in behalf of Kaiser.
 - We concur that a risk assessment should be performed and approved prior to site development.
 - The Waste Profile for Disposal Workplan proposes 13 soil borings advanced to approximately 20' bg to characterize the residual concentrations. Shallower samples will characterize soil for disposal purposes. Given the amount of information already known at the site, the locations of these samples should be selected authoritatively not randomly. Please provide a sampling plan and sampling rationale. As mentioned, all efforts should be taken to define contaminants vertically to below cleanup levels. As noted in the SGMP, some soil samples should also be analyzed for TPHd and TPHmo in addition to TPHg, BTEX and lead.
2. Please provide a copy of the Phase I investigation for the other properties of this site ie 3741, 3735-3737 and 3751-3757 Broadway. This information is necessary to determine the adequacy of the sampling performed at these sites.
 3. 3741 Broadway- This address is the area identified on the Val Strough Honda lot where the main sales office, storage room with a door covering the floor and a floor drain were located. The prior Secor investigation identified elevated levels of TPHmo, TPHd and heavy metals in soil samples. Based on the results of the 1/06 investigation the extent of TPH and metals contamination appears limited to near SB-12 and SB-32. Will these areas be excavated prior to development?
 4. 3735-3737 Broadway- This address is the area where the former Rainbow Car Wash, sump and three underground storage tanks had been located. Based the limited sampling of the initial Secor investigation, results from boring B6 indicate a significant release to groundwater may have occurred from the former underground tanks. We recommended additional sampling be done to determine the limits of this release to groundwater. Since no sampling was performed in the 1/06 investigation

it is unclear to what extent the 3701 Broadway site has been impacted by this release. The former USTs on this site must be further investigated. Please provide a work plan to determine the extent of soil and groundwater contamination from this area. In the absence of any tank removal data, we recommend sampling the former tank pit area. It is also noted that elevated petroleum contamination was detected in soil samples on the 3701 Broadway site along the boundary with this site. It is unclear which site(s) are the source(s) of the contamination, however, additional soil and groundwater characterization on the 3735-3737 Broadway property is required to delineate this detected contamination. We require Chevron and Kaiser work together and include this investigation in the requested work plan.

5. 3751-3757 Broadway- This address is indicated as where repair and service occurred. Two additional samples were taken in the 1/06 investigation. It appears that there may be localized TPH mo and TPHd as reported in SB-48. Please determine if this result is consistent with your Phase I results or whether additional sampling is warranted.

TECHNICAL REPORT REQUEST

Please submit the technical information according to the following schedule:

- July 3, 2006- Written response to above items, sampling plan for sidewalls, diagram for drainage system, copy of development plans, proposed cleanup levels, post-excavation sampling plan, sampling plan for 3735-3737 Broadway and Phase I reports.
- 90 days after soil and groundwater investigation- Risk Assessment

ELECTRONIC SUBMITTAL OF REPORTS

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responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

Messrs. Inglis and Havel
May 1, 2006
Page 4 of 4

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

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.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions (Messrs. Foss & Hoehn)

cc: files, D. Drogos

Mr. Greg Hoehn, Secor, 57 Lafayette Circle, 2nd Floor, Lafayette, CA 94549
Mr. Bob Foss, Cambria, 5900 Hollis Street, Suite A, Emeryville, CA 94608
Mr. Jay Asercion, Kaiser Permanente, 1100 San Leandro Blvd., Suite 200,
San Leandro, CA 94577

4_27_06 3701_3757 Broadway

Chan, Barney, Env. Health

From: Foss, Bob (Robert) [bfoss@cambria-env.com]
Sent: Wednesday, January 11, 2006 11:58 AM
To: Chan, Barney, Env. Health
Cc: Inglis, John M [Contractor] (JMark.Inglis); Genin, Laura
Subject: Response to your questions

Barney:

In answer to the questions you raised in your previous email:

- 1) Soil data from previous investigations are up to 11 years old. Secor kno
new data are necessary to pre-profile soil for transport and disposal to a
Additionally, new data will provide Chevron/Cambria with information reg
our oversight is more crucial and allow Chevron/Cambria to plan for over
impacts are identified at greater depths than the planned excavation by k
of subsurface offices.
- 2) It is our understanding that some amount of dewatering will occur to facilitate excavation and
construction due to the
historic occurrence of groundwater from 10-15 feet below grade. This should be beneficial for increasing
water quality
beneath the site. Additionally, prior investigations (and that proposed above) will further define the extent
of impacted
soils that provide an ongoing source of hydrocarbons to groundwater. With the data provided from the
above referenced
investigation, Chevron/Cambria will be able to more effectively conduct additional excavation, anticipated
to extend to
depths of 20+ feet where necessary, to remove remaining sources of hydrocarbon impacts to
groundwater. The
combination of source removal and groundwater extraction and treatment should leave the site with
significantly improved
groundwater conditions.
- 3) With the work described above, the site should be in a developable condition upon completion of
excavation and
backfilling (up to the required construction elevation). The ongoing source of hydrocarbon impacts will
have been removed.
Some additional offsite investigation may be deemed necessary. However, downgradient definition has
already been
accomplished with the presence of three groundwater wells in the median of MacArthur Blvd., continually
showing non-
detected concentrations of hydrocarbons. It is anticipated that minimal migration has occurred beyond the
property
boundary due to the fine grained nature of subsurface materials and consequent very low permeability
associated with
clays and silts.

If you have any further questions feel free to contact either Mark, Laura or myself.

Robert Foss, P.G.
Associate Geologist
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

1/11/2006

No 500

Chan, Barney, Env. Health

From: Foss, Bob (Robert) [bfoss@cambria-env.com]
Sent: Wednesday, January 11, 2006 11:58 AM
To: Chan, Barney, Env. Health
Cc: Inglis, John M [Contractor] (JMark.Inglis); Genin, Laura
Subject: Response to your questions

Barney:

In answer to the questions you raised in your previous email:

- 1) Soil data from previous investigations are up to 11 years old. Secor knows, and Chevron concurs, that new data are necessary to pre-profile soil for transport and disposal to avoid stockpiling onsite. Additionally, new data will provide Chevron/Cambria with information regarding where (excavation-wise) our oversight is more crucial and allow Chevron/Cambria to plan for over-excavation in areas where impacts are identified at greater depths than the planned excavation by Kaiser to facilitate their one floor of subsurface offices.
- 2) It is our understanding that some amount of dewatering will occur to facilitate excavation and construction due to the historic occurrence of groundwater from 10-15 feet below grade. This should be beneficial for increasing water quality beneath the site. Additionally, prior investigations (and that proposed above) will further define the extent of impacted soils that provide an ongoing source of hydrocarbons to groundwater. With the data provided from the above referenced investigation, Chevron/Cambria will be able to more effectively conduct additional excavation, anticipated to extend to depths of 20+ feet where necessary, to remove remaining sources of hydrocarbon impacts to groundwater. The combination of source removal and groundwater extraction and treatment should leave the site with significantly improved groundwater conditions.
- 3) With the work described above, the site should be in a developable condition upon completion of excavation and backfilling (up to the required construction elevation). The ongoing source of hydrocarbon impacts will have been removed. Some additional offsite investigation may be deemed necessary. However, downgradient definition has already been accomplished with the presence of three groundwater wells in the median of MacArthur Blvd., continually showing non-detected concentrations of hydrocarbons. It is anticipated that minimal migration has occurred beyond the property boundary due to the fine grained nature of subsurface materials and consequent very low permeability associated with clays and silts.

If you have any further questions feel free to contact either Mark, Laura or myself.

Robert Foss, P.G.
 Associate Geologist
 Cambria Environmental Technology, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608

3/20/2007

Chan, Barney, Env. Health

rosco etal

From: Drogos, Donna, Env. Health
Sent: Thursday, August 18, 2005 9:01 AM
To: Chan, Barney, Env. Health; Wickham, Jerry, Env. Health
Subject: Kaiser plans big expansion Hospital quietly has acquired many new properties in N. Oakland

Article Last Updated: 8/18/2005 07:18 AM Kaiser plans big expansion Hospital quietly has acquired many new properties in N. Oakland By Cecily Burt, STAFF WRITER
 Inside Bay Area OAKLAND — For East Bay Kaiser members, it's good news indeed that the health care giant intends to transform its crowded North Oakland campus into a state-of-the-art medical center.

But those who reside in the shadow of Kaiser's planned reach are reacting with far less optimism and say the HMO has broken its promise to keep the community in the loop.

After quietly buying up property around its North Oakland headquarters at West MacArthur Boulevard and Howe Street, in April Kaiser unveiled an ambitious 10-year master plan that replaces its seismically unsafe hospital tower on Howe Street, creates a new cancer center and increases the square footage of its campus by nearly 53 percent, spread out over 21 acres.

The schedule calls for the environmental and planning documents to be approved this year and construction to start early next year. The construction will be done in phases and be completed by 2015.

The catalyst for the entire project is a state law requiring Kaiser to make extensive seismic upgrades to its Oakland facilities, including the 13-story hospital tower, by 2013.

Instead, Kaiser decided the aging 346-bed hospital building is no longer adequate. It doesn't have enough room to meet patient needs or accommodate updated technology or medical equipment. The HMO plans to replace it with a new 346-bed hospital, 1,600-car parking garage and 60,000-square-foot utility plant on West MacArthur Boulevard between Broadway, Piedmont Avenue and Interstate 580.

To accomplish that, the MacArthur Broadway Center, which Kaiser owns, as well as a 30-unit apartment building on Piedmont Avenue and a dry cleaners, barber college and other businesses on Broadway, will have to go.

Once the new hospital is completed, Kaiser will remove the upper three floors from its old hospital building on Howe Street, remodel the structure and use it for outpatient visits and medical offices.

It also plans to demolish the old Fabiola Building at the corner of West MacArthur and Broadway, Kaiser's first headquarters in Oakland. The building was damaged in the 1989 Loma Prieta earthquake and has not been occupied since.

"The thing to recognize about seismic safety laws, hospitals not only have to stay standing, but be fully functional, up to 2030 standards," said Debby Cunningham, Kaiser's Northern

8/18/2005

California vice president for strategy. "The hospital has to be life-safe and fully functional. It's an issue we are very concerned about. We don't want our members to think our buildings are not safe."

Although Kaiser officials refer to the project as a rebuild or replacement, not an expansion, the company's new footprint will cover a lot more ground in North Oakland and replace several longtime businesses with new medical facilities.

Cunningham said the entire plan is still fluid, that documents presented the Oakland Planning Commission in April could change once it gains more suggestions and input from residents, business owners and city officials during the environmental review.

Because of the size and potential impact of the project, the city has hired two additional consulting firms to do community outreach and collect suggestions that might be used to refine the hospital's designs. The first of such meetings with the community has been scheduled for 7 p.m. Aug. 25 at Mosswood Recreation Center.

For their part, residents and business owners say they are eager to give suggestions. But so far, they say, Kaiser has kept its distance.

Scary, blighted area

There are few people in North Oakland who would be sorry to see the architecturally bland MacArthur Broadway Center go. Neighbors said the often-vacant storefronts added a scary and blighted feeling to the area.

Less enthusiastic are the residents who live in cozy, single family houses on Manila Avenue between West MacArthur and 38th Street.

Kaiser has purchased the Honda dealership and nearly all of a row of small commercial businesses on Broadway that abut the neighbors' back yards and at least one side yard.

Kaiser intends to replace the low-lying structures the residents now hardly notice with a seven-level parking structure and a separate 75-foot tall cancer center. Cunningham said the new center will allow the HMO to consolidate all cancer services that are scattered around the hospital.

According to a June newsletter distributed to nearby residents, construction on the Honda site tentatively is scheduled to begin next year and be finished by mid-2007.

The newsletter provides no new details about the size of the new buildings on the Honda site, but Scott Gregory, a principal with Lamphier/Gregory who is serving as the city's planner for the project, said they will look at ways to reduce the size of the garage after neighbors said it was too tall.

"We'll be doing an analysis to find out where people park," he said. "We'll continue to study all of this. It's Kaiser's first proposal. They are projecting an 18 percent increase in patient visits per year."

Neighbors say they understand Kaiser needs to grow, they just want to ensure they don't get

trampled in the process. They think Kaiser should build up the MB site but keep the Honda site smaller to fit in with the residential neighborhood.

"The people in the community, we all recognize the need for Kaiser," said Gary Turchin, who has lived on Manila Avenue for 25 years and will have new Kaiser buildings looming over both his back and side yards.

"I'm not new to this community and Kaiser's plans have not yet taken into consideration this is a thriving residential community here. They act like we don't exist, or that they don't care."

Residents press Kaiser

Turchin, a Kaiser member, said he found out the HMO was negotiating to buy the Honda dealership from the manager, not from Kaiser officials. He contacted neighbors and they pressed Kaiser for a meeting. That was last summer.

In March, Kaiser made a presentation to the Piedmont Avenue Neighborhood Improvement League, and the following month Kaiser's plan was heard before the Oakland Planning Commission. By then Turchin had heard enough to know the plan would severely impact his quality of life.

"They said over and over, we don't know what we are going to be doing ... I did have a general idea of what they were planning even though they denied it," Turchin said. "My property borders the Honda lot, the back side and the whole southern wall of my house. At no time has anybody from Kaiser ever knocked on our door. Everything is actually happening behind closed doors. We're not feeling we've had any impact on anything."

A small section of Glen Echo creek separates the back yard of Turchin's neighbor George Pavlov and the planned parking garage. The document prepared for the April Planning Commission meeting stated that the creek ran through a culvert, but it runs above ground behind Pavlov's yard and the yards of a few neighbors.

In addition to losing trees, views and worries about erosion, Pavlov said the expected noise of car tires squealing on tight turns in the garage all day and night is not something he looks forward to.

"I'm a longtime Kaiser member, a longtime happy Kaiser member," Pavlov said. "Both of my daughters were born at Kaiser, and the hospital expansion and retrofit I view it in general as positive."

"I think the plan to demolish the MB Center, which is a blight now, is a good thing," he said. "But I have two small kids and our block is a residential block. It's not only a seven-story garage; there will be fumes, car alarms, screeching tires. It's a seven-story thing that is nasty to have if you live here with children who use the back yard."

Kaiser also has purchased the American Automobile Association (AAA) building on West MacArthur and will use it for administrative offices without changing the exterior.

And last, but not least, Kaiser's plan shows above-ground pedestrian walkways across Broadway between the new hospital and the existing Mosswood pediatric center, and across

West MacArthur between the new hospital and the proposed cancer center and parking garage on Broadway.

Jennifer Scanlon, Kaiser's spokesperson in charge of community outreach, said the organization has made an effort to keep neighbors informed and was sensitive to their concerns.

"We're not new here, we've been in this neighborhood for 30 years," Scanlon said. "We understand we have to work closely with the neighborhood ... we're trying to be as open as we can be."

The big picture

Valerie Winemiller, a PANIL steering committee member, said nobody wants to paint Kaiser as the bad guy, and some of what it proposes, if done right, could benefit the community.

But it's a large institution with its own agenda, and she worries too much of the plan has already been cast without community input.

"We want to look at this as a whole, but the history with Kaiser, they are reluctant to look at things in a holistic way," Winemiller said.

One example is the hospital parking garage between Howe Street and Piedmont Avenue, which created a dead zone in the Piedmont Avenue commercial area, she said. Winemiller said she is concerned some of the new plans, such as building pedestrian bridges from one Kaiser facility to the other, or replacing an apartment building with a new hospital power plant, will further deaden the streets.

"That whole MB Center, I commute downtown by foot or bicycle and it's scary," she said. "It's very dead and very scary. I'm not sure their plan will make it any better."

Cunningham said although plans are not final, the new hospital will feature some type of ground-floor shops that should make the area more inviting and lively.

"There will be retail space on Broadway to take care of those issues, she said. "The city doesn't want to take away the pedestrians. The city wants it to be robust. Our goal is for this hospital replacement to revitalize the area."

Contact staff writer Cecily Burt at cburt@angnewspapers.com.

C A M B R I A

February 25, 2005

Mr. Barney Chan
ACHSA
1131 Harbor Bay Pkwy.
Oakland, CA 94502-6577

RE: 3701 Broadway, Oakland
ACHSCA RO#: 0000500

Dear Mr. Chan:



This letter is to inform you of a change in management for the above-referenced site.

Effective immediately, the new ChevronTexaco project manager will be:

Mr. Mark Inglis
ChevronTexaco
6001 Bollinger Canyon Rd., K-2256
San Ramon, CA 94583
Phone: 925-842-1589

Please contact either Mr. Mark Inglis or Cambria if you have any questions.

Regards,

Cambria Environmental Technology, Inc.

cc: Mark Inglis, Chevron Texaco

**Cambria
Environmental
Technology, Inc.**

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170
Site #: 91026



State Water Resources Control Board



Alan C. Lloyd, Ph.D.
Agency Secretary

Division of Financial Assistance
1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/

Arnold Schwarzenegger
Governor

Alameda County
FEB 16 2005
Environmental Health

FEB 14 2005

Chevron Products Company
Karen Streich
P O Box 6004 Bldg V
San Ramon, CA 94583-0804

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), CLAIM NO. 005952, FOR SITE ADDRESS: 3701 BROADWAY, OAKLAND

The State Water Resources Control Board (State Board) is able to issue, pursuant to applicable regulations, the enclosed Letter of Commitment (LOC) in an amount not to exceed \$160,366. This LOC is based upon our review of the corrective action costs you reported to have incurred to date. The LOC may be modified by the State Board.

It is very important that you read the terms and conditions listed in the enclosed LOC. Claims filed with the Underground Storage Tank Cleanup Fund far exceed the funding available and it is very important that you make use of the funding that has been committed to your cleanup in a timely manner.

You are reminded that you must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Only corrective action costs *required* by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. If you have any questions about obtaining preapproval of your costs or the three bid requirement, please call Sunil Ramdass, our Technical Reviewer assigned to claims in your Region, at (916) 341-5757. Failure to obtain preapproval of your future costs may result in the costs not being reimbursed.

The following documents needed to submit your reimbursement request are enclosed:

Reimbursement Request Instructions and Information packages. **Retain these packages for future reimbursement requests.** These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988.

"Reimbursement Request" forms which you **must use to request reimbursement of costs incurred.**

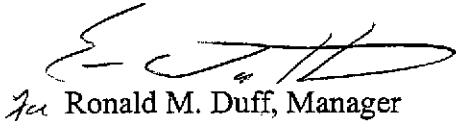
"Spreadsheet" forms which you **must use in conjunction with your reimbursement request.**

THIS IS IMPORTANT TO YOU, PLEASE NOTE:
Signature(s) on the application will be the signature(s) required for all future Fund documents.

You have 90 calendar days from the date of this letter to submit your first reimbursement request for incurred corrective action costs. **NO EXTENSIONS CAN BE GRANTED.** If you fail to do so, your LOC funds will automatically be reduced to zero (deobligated). Once this occurs, any future funds for this site are subject to availability when you submit your first reimbursement request. We continuously review the status of all active claims. You must continue to remain in compliance and submit a reimbursement request every 6 months. Failure to do so will result in the Fund taking steps to withdraw your LOC.

If you have any questions regarding the enclosed documents, please contact Toru Okamoto at (916) 341-5649.

Sincerely,



Ronald M. Duff, Manager
Underground Storage Tank Cleanup Fund

Enclosures

cc: Mr. Chuck Headlee
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

Claim No: 5952
 Claimant Name: Chevron
 Site Address: 3101 Broadway, Oakland

Compliance Documentation	
Date	Corrective Action Performed
4/82	Release discovered. The - 88 work ineligible. (piled tank test) the monitoring wells were installed.
4/21/88	Five UTS were removed. There were thirteen monitoring wells already in place. No holes were observed in the tanks. Quarterly groundwater sampling was implemented.
5/90	County requested a remedial/monitoring workplan
5/90	County requests monitoring report
1/91	Possible migration from neighboring site at 3737 Broadway, Oakland. See 1/18/91 County letter to Val Spanish/Arnold/Chevrolet.
7/91	Workplan for pump test and well deepening.
7/91	Chevron submits OMR 7/18/91
* 12/90	Chevron LR - County requested property owner upgradient of Chevron site to investigate whether hydrocarbons from former fuel tanks at this site have impacted GW beneath the Chevron site
2/91	Chevron letter - County requests WP to assess site conditions at 3737 Broadway - possible comingling plumes
4/91	CHEVRON LR - submitted OMR 4/16/91 - preparing WP for additional well replacement - modified treatment + reentered permitting process
* 5/90	Chemical Processors, Inc - submits to county - agreement of procedures, Air Stripper operations - system maintenance performance & safety reporting
10/7/91	Chevron submits OMR 9/30/91

Continued on Reverse



Confirmation of Corrective Action Compliance

Claimant in Corrective Action Compliance
 Claimant NOT in Corrective Action Compliance - 90 Day Letter Required

Caseworker _____ Fund will send letter Lead Agency will send letter
 (Send copy to Fund w/in two weeks)

Lead Agency Signature: Shari Knievism Date: 5-1-02
 Claims Reviewer Signature: _____ Date: 11/13/00
 Date of Detailed Review: 11/13/00

LOP - CHANGE RECORD REQUEST FORM

printed:
04/24/2000

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp:

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 467 LOC:
 SITE NAME: Candia's Chevron Service DATE REPORTED : 04/21/1988
 ADDRESS : 3701 Broadway DATE CONFIRMED: 04/21/1988
 CITY/ZIP : Oakland 94611 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 4 PRIOR CODE:2B4 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 03/27/1992
 PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:
 ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/27/1992
 LUFT FIELD MANUAL CONSID:
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN:

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: n/a
 COMPANY NAME: Heitzinger Assoc.
 ADDRESS: P.O. Box 1613
 CITY/STATE: Pebble Beach CA 93953

RP#2-CONTACT NAME: Brett Hunter
 COMPANY NAME: Chevron U. S. A., Inc.
 ADDRESS: P. O. Box 6004
 CITY/STATE: San Ramon, C A 94583-0804

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes	
ANPNPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

01/11/2000

UNDERGROUND STORAGE TANK CLEANUP SITE

AGENCY#: 10000 SOURCE OF FUNDS: F-FEDERAL INSPECTOR: SH
 StID: 467 SUBSTANCE: 8006619 -Gasoline
 SITE NAME: Candia's Chevron Service DATE REPORTED : 04/21/1988
 ADDRESS : 3701 Broadway DATE CONFIRMED: -0-
 CITY/ZIP : Oakland, CA 94611 MULTIPLE RP'S : Y

CASE TYPE: S CONTRACT STATUS: 4 PRIOR:2B4 EMERGENCY RESPONSE: -0-

RP SEARCH	: S	DATE END:	03/27/1992
PRELIM ASSESSMENT	: -	DATE BEGIN:	-0-
REMEDIAL INVESTIG	: -	DATE BEGIN:	-0-
REMEDIAL ACTION	: -	DATE BEGIN:	-0-
POST REMED MONITOR:	-	DATE BEGIN:	-0-

TYPE ENFORCEMENT ACTION TAKEN: 1 DATE OF ENFORC. ACTION: 03/27/1992

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

LUFT FIELD MANUAL CONSIDERATION: -0- CASE CLOSED: - on: -0-

DT EXC START: -0- REMEDIAL ACTIONS TAKEN: -0-

RP #1: CONTACT: n/a RP COST: -0-
 RP COMPANY NAME: Heitzinger Assoc. Ph: -0-
 ADDRESS: P.O. Box 1613
 CITY/STATE: Pebble Beach CA 93953

△ 2MENT:

SITE ID#: 467

ADDITIONAL RP'S

RP #2
 CONTACT NAME: Mark Miller
 COMPANY NAME: Chevron U. S. A., Inc. RP Ph: -0-
 ADDRESS: P. O. Box 5004
 CITY/ST/ZIP: San Ramon, C A 94583-0804

Change to Brett Hamilton

Listing all LOP DAILY activities since 1991 for StID # 467
as of 01/11/2000

Act91_4

Act92_1

ActivDat	Insp	ACT	Activ	StID	ActCostF	aComment
03/05/1992	JMS	200	0.5	467	\$17.59	Retrieved R.P. names and wrote
03/12/1992	JMS	200	0.3	467	\$10.55	Sent out letters through certi
03/13/1992	JE	200	0.3	467	\$10.55	-0-
03/18/1992	EC	200	0.3	467	\$12.31	cert letter
03/19/1992	JMS	215	0.5	467	\$17.59	Had to search files for update
03/24/1992	JMS	200	0.2	467	\$7.04	Notification Letter to site wa
03/27/1992	TP	215	0.2	467	\$11.08	assign priority
04/16/1992	TP	215	0.2	467	\$11.07	QR
06/19/1992	SH	215	2.5	467	\$111.41	case review

-0-

-0-

Act92_2

-0-

Act93_1

-0-

Act93_2

-0-

Act94_1

-0-

-0-

-0-

Act95_1

Act95_2

Act95_3

Act95_4

Act96_1

Act96_2

Act96_3

Act96_4

Act97_1

03/28/1997	SH	215	2.	467	\$111.38	review case file, summary, free product site
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Act97_2

05/01/1997	SH	215	1.	467	\$60.86	reviewed 2/97 report
------------	----	-----	----	-----	---------	----------------------

ACT97_3

ACT97_4

ACT98_1

ACT98_2

act98_3

act98_4

complete



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

January 11, 2000

Mr. Brett Hunter
Chevron U.S.A.
P.O. Box 6004
San Ramon, California 94583-0804

**RE: Former Chevron Service Station (STID# 467)
3701 Broadway, Oakland, California 94611**

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Hunter:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION

Re: 3701 Broadway, Oakland

January 11, 2000

Page 2 of 2

In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6780 should you have any questions about the content of this letter.

Sincerely,



Susan L. Hugo
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB
SH / files

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I am the sole landowner for the above site.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

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

Name of local agency
Street address
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY FOR
(Site Name and Address)

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

cleanup proposal (corrective action plan)

site closure proposal

local agency intention to make a determination that no further action is required

local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners



Chevron

June 21, 1999

207427

Chevron Products Company
6001 Bollinger Canyon Road
Building L, Room 1080
PO Box 6004
San Ramon, CA 94583-0904

Ms. Susan Hugo
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

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

Re: Former Chevron Service Station # 9-1026
3701 Broadway
Oakland, California

Dear Ms. Hugo:

Enclosed is a copy of the First Quarter (Semi-Annual) Groundwater Monitoring & Sampling Report for 1999 that was prepared by our consultant Blaine Tech Services Inc. for the above noted site. The sampling events are conducted in the 1st and 3rd quarters with the monitoring wells sampled and analyzed for TPH-g, BTEX and MtBE constituents. Wells B, B-1, B-2, B-3 and B-4 are sampled semi-annually, while wells A, E, F, EA-1 and EA-2 are sampled annually.

The concentration of benzene declined in monitoring well B-4 from the previous sampling event, while increasing in well B-1. Separate phase hydrocarbons (SPH) were detected in monitoring wells B, B-2 and B-3. The wells were bailed and approximately 0.132 gals. 0.079 gals. and 0.053 gals., were removed from the respective wells. Well A was inaccessible due to a trailer parked over it. The concentrations were below method detection limits in wells E, F, EA-1 and EA-2 for all of the constituents.

Depth to the groundwater varied from 9.42 feet to 14.21 feet below grade, with direction of flow to the southwest.

Since we continue to recover SPH in monitoring wells B and B-2 and recently in well B-3 over a long period of time, it appears that SPH may have accumulated in pockets surrounding these wells. **Chevron recommends the installation of an oxidant such as hydrogen peroxide, to oxidize the hydrocarbons in the areas surrounding each well (3rd request).** Hydrogen peroxide is a non-threat compound as the by-products are carbon dioxide (CO₂) and water (H₂O).

98 JUN 23 PM 2:34
ENVIRONMENTAL PROTECTION

June 21, 1999
Ms. Susan Hugo
Former Chevron Service Station #9-1026
Page 2

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

Cc. Ms. Bette Owen, Chevron

Mr. W. Bruce Bercovich
Kay & Merkel
100 The Embarcadero, 3rd Floor
San Francisco, CA 94105



Chevron

August 5, 1997

Ms. Susan Hugo
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

Dear Ms. Hugo:

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

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

February 20, 1997

John Randall
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

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

RE: SUBMITTAL OF QUARTERLY REPORTS

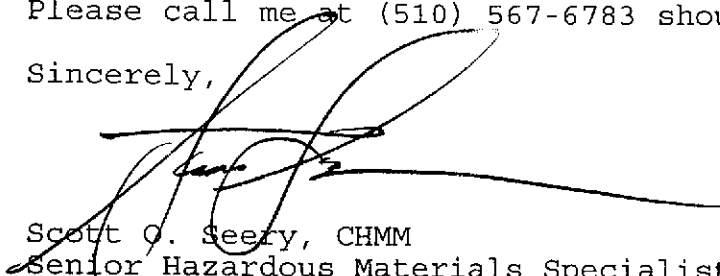
Dear Mr. Randall:

It has become increasingly apparent that quarterly monitoring and sampling reports for Chevron site assessment or remediation projects are not being submitted in a timely fashion. For example, 3rd quarter 1996 reports for several sites where sampling occurred in September 1996 were just submitted in February 1997, a full 5 months after the fact. This is not acceptable, particularly in those cases where the facts would have supported a request by this agency of some action by Chevron in the interim.

Please inform your staff that we expect such standard quarterly reports to be submitted within 60 days of the completion of field activities.

Please call me at (510) 567-6783 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Mee Ling Tung, Agency Director
Gordon Coleman, Acting Chief, Environmental Protection
Tom Peacock, ACDEH LOP
Larry Blazer, Alameda County District Attorney's Office
Kevin Graves, RWQCB
ACDEH LOP staff

ET



Chevron

September 5, 1995

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

S Assessment & Remediation Group
P (510) 842-9500

Ms. Susan Hugo
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Former Chevron Service Station #9-1026
3701 Broadway, Oakland, CA**

09/05/95
10:00 AM
SUSAN HUGO
ALAMEDA COUNTY
DEPT OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY
SUITE 250
ALAMEDA, CA 94502-6577
TEL: (415) 891-2100
FAX: (415) 891-2100

Dear Ms. Hugo:

Enclosed is the Quarterly Groundwater Sampling Report dated July 28, 1995, prepared by our consultant Gettler-Ryan, Inc. for the above referenced site. As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbon as gasoline (TPH-G) and BTEX. Concentrations of dissolved hydrocarbon constituents in the ground water samples analyzed were consistent with previous observations at the site. Depth to ground water was measured at approximately 10.6 feet to 15.6 feet below grade and the direction of flow is to the south-southwest.

Separate phase hydrocarbons (SPH) were observed in monitor wells E and B-3 at measured thicknesses of 0.11 and 1.23 feet, respectively. The SPH was bailed, removed from the site, and transported to Chevron's facility in Richmond for recycling.

On January 26, 1995, Chevron and Alameda County met to discuss our proposal to establish a zone of non attainment for ground water. In that meeting, your office had two questions regarding a former tank location and the lithology down gradient of the site. Below I have reiterated these specific questions along with our responses which we discussed verbally on July 6, 1995.

1. Noting that Tank D was located on the up gradient side of the Chevron site, could ground water contamination present in monitor wells A and B-4 be a result of operations at the former Chevron service station rather than a problem migrating from an up gradient off-site source?

This may be a possibility, however data contained in our files show that this is highly unlikely. Both soil samples collected beneath this tank during removal activities show that concentrations of TPH-G and BTEX were below method detection limits. Soil samples collected from two borings (SP-2 and SP-7) installed near former tank show only low concentrations of TPH-G and no BTEX above method detection limits were present. This indicates that the majority of the hydrocarbons present in ground water most likely did not originate from the operation of this tank. Additionally, approximately 3,500 gallons of water was evacuated from the pit during the tank removal. Currently, ground water sampling data also indicates that two separate source areas exist, with one of them being an up gradient off site source.

2. What is the lithology encountered in the down gradient wells?

The boring logs for down gradient wells EA-1, F and E show that clayey silt, silt, and sandy clay are present from surface to an average of 23 feet below grade. Historic depth to water measurements have been from 9 to 20 feet below grade. This indicates that the lithology in the down gradient wells provides a natural barrier to prevent further migration of hydrocarbons in ground water. Based on this information and the fact that dissolved hydrocarbon concentrations in these wells are predominantly below method detection limits, we do not feel that additional delineation is warranted at this time.

Chevron understands that the N.A.A. policy is relatively new and consistency in implementing this policy has not been firmly established by the Regional Board. Based on Chevron's experiences with other local agencies within the Bay Area, the Regional Board has allowed monitoring reductions consistent with N.A.A. guidelines for a two year period at selected sites. At the conclusion of the two year period, all historical data is evaluated again to determine if further reductions in monitoring or discontinuing monitoring is appropriate.

With this information provided, we are eager to implement modifications to the sampling program recommended in the Comprehensive Site Evaluation and Proposed Future Action Plan of December 20, 1994. A copy of these modifications is enclosed for your reference. I would suggest beginning with modifications to the third quarter sampling event and reevaluate all sampling data at the end of 1996 to determine future actions at the site.

Chevron agrees that several complications exist at this site due to potential contamination from up gradient sources. However, we are willing to continue working with your office and other responsible parties to evaluate any additional data suggesting that an alternative management plan should be developed for the site.

I will contact you by phone within the next week to discuss this plan. If you have any questions or comments, please do not hesitate to contact 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. W. Bruce Bercovich
Kay & Merkel
100 The Embarcadero, 3rd Floor
San Francisco, CA 94105

Who: * Mr. Bruce Grosnick?
Kory & Markel

1/26/95 Chevron STID 467
3701 Broadway Oakland 94611
- Site is automobile dealership

12/27/94 Rec'd Weiss Basis - Comprehensive
Site Evaluation & Proposed Future
Action Plan

1979

3 MWs installed

1982

9 additional MWs installed

4/88

April 1988 Station was closed
bldg / USTs removed ^{3-16,000 gal} 2 additional wells installed
to determine down gradient extent of HC in jetted
SPH found in on site wells near former pump
islands

* Up gradient source (B-4) increasing

1984 → HC in Lake Merritt - Glen Echo Creek Storm Drain

US EPA

residents complaining
no SPH in Chevron's wells

4/22/88

Chevron demolished the Service Station
removed 3 10,000 gal fiberglass
1 1000 gal wo
1 6000 recovery product UST

SPH found in water common pit at 14 ft bgs
2800g water ~~was~~ pumped fr. pit
confirmatory soils showed

of 890 ppm TPH_g 14,000 ppm TDG_g
4,300 ppm TPH_d

10)

Shun = B-1 B-2 B-3

B-2 - 280,000 ppb TPHg, 34,000 ppb Benzene (highest)

9/22/92 (2 drs) reviewed July 7, 1992 reports
Work Plan

7/7/92

report GR 5/1/92 and Q1992
& Work Plan for soil & groundwater assessment
dated June 17, 1992 by NEW consultants
→ Groundwater Technology (GTI); former consultants
Whise base.

Benzene → 16,000 ppb. (decreased fr. 34,000 ppb)

DTGW → 12.9 to 18.8 ft

direction flow → Southwest

B-1 & F will be deepened (^{reported} since 7/31/91) due to decrease
in water in the wells. all papers compiled & will
be submitted to City of Oakland for encroachment permits
as stated in 4/92 report - no corrective action
necessary based on up gradient source of
contamination.

→ submitted soil vapor extraction test reports (dated
4/7/92) results: not effective due to low permeability

→ report by GTI - 9 MW's sampled.

Well F → no H₂O; dry

→ all parameters in a surface map for MW's +
concentrations

Work plan for soil & groundwater assessment

- 1 soil boring

- destroy & replace 2 existing monitoring
wells

- install 1 MW

* site map/plan - per 29 CFR 1910.120 (OSHA)

* permits by Zone 7 & encroachment permit fr.
City of Oakland

7

(since 7/31/91)
report

Deepening of F & B-1 held up per City of Oakland encroachment permit

- Chevron instructed ^{WASS} to perform soil vapor extraction pilot test to assess feasibility for corrective action approach.

- Screen observed B1 B2 & B3

4/7/92

Quarterly Report - 1st Q 1992 (Feb 28, 1992)

B- 34,000 gpd (increased)

DTGW - 12.6 to 18.6 ft

Groundwater flow direction - South-Southwest

* deepening of F & B-1 held up due to City of Oakland encroachment permit requirements - city will issue permit if Chevron notifies property owner of the work at site, & assume full responsibility & secure written acknowledgement for Chevron to perform additional work

- pending signing authorization for Chevron

- plan to install additional off site well

to obtain down gradient delineation based on fluctuating groundwater flow direction Southwest to South

since 7/31/91

- soil vapor extraction pilot test - informal data yr. test - will not be effective based on relatively large vacuum required to induce small flow rates. Soil permeabilities very low.

- do not feel that groundwater remediation is appropriate corrective action for this site based on up gradient source; implementing remedial measure at site will not address impact of up gradient source (undetermined if that has migrated ~~to~~ to referenced site)

8

4/3/91

Quarterly Report end Q1991 - 7/18/91

B = up to 22,000 ypb

depth to H₂O - 13 to 18 ft deep

Groundwater fluctuates fr. southwest to south

B-6 & B-7 had been abandoned

B-8 installed

→ B-1 & F will be deepened due to lowering of groundwater at the site

→ pump test will be conducted

B-1 deepened & future extraction well

shown on B well

A - increased in TPH_g B E X

B - 26,000 ppb TPH_g, 7,100 ypb B

B1 - 21,000 ppb TPH_g increased

B3 - 260,000 ppb TPH_g 20,000 B

B4 - 16,000 " " 7,800 B

B6 & B7 abandoned

EA1 ND for TPH_g BTXE

EA2 ND " " "

F - not sampled not sufficient H₂O in well

10/7/91

3rd Quarter Report September 30, 1991

B - 28,000 ppb ; 80,000 ppb TPH_g → highest

DTGW - 14 to 20 ft

gradient - southwest to south

Encroachment permit fr. City of Oakland waiting for deepening of F & B-1 (2 months)

Finalizing groundwater remediation

1/2/92

4 Quarter Report December 20, 1991

B - 29,000 ppb 540,000 ppb TPH_g

DTGW = 14 to 20 ft

gradient - southwest to south

(7)

3/84 EPA notified several gasoline retailers of gasoline found in Lake Merritt through Elan Echo Creek Storm drain.

Sample collected fr. storm drain, nearby wells & on site dispensers & fun by GC.

8/84 - Chevron sent letter to EPA denying responsibility for contamination found in Elan Echo Creek.

4/85 - wells monitored on site

8/85 & 9/86 FP found in 5 wells

2/88 & 4/88 - EA conducted ^{soil vapor} site assessment

installed EA-1 & EA-2 (public right of ways)

11/88 - GTI did subsurface investigation

2 areas > 100 ppm TPH soil (near ^{former} pump islands)

5/89 - WMS conducted quarterly monitoring up to present

clayey silts & silty clays -> 20 ft BGS

silty sands - at 20 ft BGS in boring logs A, C & EA-2

11/11/90 - groundwater level 14.38 to 19.10 ft BGS

- gradient to west-southwest 10,0083 ft/H hydraulic gradient

- B-1 will be decommissioned & well B-8 installed in the borehole of B-1

- F will be decommissioned & well B-9 installed in the borehole of F

B-1 at 15.2 ft deepened to 35 ft for B-8 installation

F- 19.7 ft " " 40 ft " B-9 "

B-8 - will be screened at 10-30 ft BGL with 5 ft

pump placed below the screen to collect fine pulled during groundwater attraction.

B-9 will be screened at 15 to 40 ft BGL

reports not submitted
report?
report?
report?

nothing done submitted

5/17/91

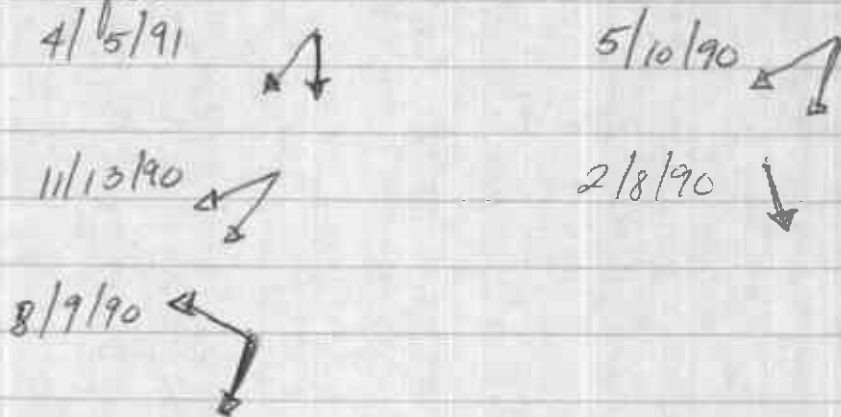
(6)

Reviewed 1st 1991 report - significant dissolved gasoline remain underneath the site. Wells B-6 & B-7 destroyed a new well to be installed to replace B-6 Remediation being designed; permit - for aqueous carbon system.

W-SW 11/13/90
SW-S 4/15/91

B-3 0.01 ft FP
B - Sheen

Groundwater flow direction



7/16/91

Work Plan - 7/1/91 by Burlington Environmental Inc.

- pump test
- Well B-1 - 4 in diameter for future extraction
- Well F constructed as 2 in well for degenerative monitoring

Wells F & EA-2 not correctly plotted on map - new map submitted

WP: - deepening of wells B-1 & F by pump test
B-10 will not be installed bec. of F corrected location hydraulically downgradient of decommissioned B-6

B-1 deepened to be named B-8

B-1 → B-4; A, B, CE & F installed 4/28/82 - as a result of unlined gasoline tank leak

PLWS - gasoline odors noticed 3 years ago

in park - MacArthur St 9 miles west of station

8 MWs out of 12 wells had FP

4/26/82 - UGTs removed & observed by ~~PLWS~~ FP

8/82 & 12/82 IT reported FP

5/83 - wells B & C only well SW FP

5

6/11/90

Identify Val Strough Honda as potential "upgradient" source of contamination - ACHD letter to Mr. Brady McQueen, Gen. Mgr. Val Strough Honda

12/27/90

Quarterly Monitoring Report for Chevron B-3 FP not sampled

Wells A & B-4 30 ft for upgradient potential source of contamination

Gradient direction of groundwater - ~~northward~~ Southward!

2/21/91

Letter fr. ACHD requesting \$500 deposit + report due 2/20/91

2/14/91

Meeting at RWQCB to discuss all Chevron sites

2/18/91

Letter fr. Chevron: deposit \$500⁰⁰ + site assessment for Val Strough

5/29/91

Note fr. P. Wistar: reviewed sampling reports 1-1/90
3 or 4 wells can not be sampled for a variety of reasons & as a result plan is not well defined.
- need to install additional wells prior to start-up of remediation

4/30/91

Quarterly Groundwater Monitoring Report 4/16/91

Kenzie - up to 4,000 ppb

B-6 & B-7 well abandonment

installation of new concrete vault

for future extraction well B

WP for replacement of B 6 to be submitted

Scheduled for 5/8/91

Remediation revised to use aqueous carbon system ^{instead of} an stripper or vapor carbon system. more cost effective / efficient

2/9/90

9
Letter fr. Chevron re: NOV
clarified issues for each sites; Workplan
mailed to 27th Street on 8/23/89 forwarded
will meet 5/17/90 deadline of all operating permits
3/1/90 progress report will meet.

5/7/90

Rec'd 1 GR fr site dated 5/3/90
3/13/90

total = 11 MW's

4 MW to be sampled bi annually
3 MW's to be destroyed bco. 6 to 12 inches
diameter cannot sealed against surface water
4 MW's sampled quarterly

* NO BORING LOGS SUBMITTED FOR ALL THE 11-MW'S

~~B-3~~ → (FP)

(B) not sampled bco. of large volume of
evacuation water necessary.

Groundwater flow - southward.

5/8/90

note fr. ZWiten: Reviewed quarterly report of Chempro
remediation alternatives. Prepare letter pulling
the pieces together (2 consultants working on case)
and setting out requirements for the remediation
program.

5/9/90

Letter fr. ACHD to Lisa Barklund (Chevron)
re: quarterly report includes proposal to
abandon 3 MW's B, B-6 & B-7 (cannot be sealed
& approved to be destroyed per Zone I protocol.
B-6 need to be replaced in the same area (since it
defines the northwestern edge of the GW monitoring system
- ^{additional well} further northwest of current B-6 location for
plume definition.

3 additional MW's
to be installed

- install additional MW in the NE of A & B4
" " " " " "

④

- install additional well northern corner of property (northern of station bldg.) to enhance upgradient plume characterization
- quarterly monitoring on all wells including new wells
- submit detailed info re: remediation treatment systems

5/23/90

Letter fr. Chevron re: response to ACHD'S 5/19/90 letter

- all MW's to be sampled quarterly & checked for FP monthly - monitoring program will be evaluated after installation of treatment system
- Wiss responsible for Quarterly monitoring
- Chempro " for all phases of installation & maintenance of treatment system
- submitted detailed info re: remediation treatment system

5/22/90

Report fr. Wiss Assoc. - Workplan for additional work

B, B-6, B-7 to be abandoned, approved by ACHD
Install 3 new MW's, to replace B-6, & 2 upgradient wells.

- WA learned 3 UGT'S removed from adjacent property (Kimber Car Wash; now occupied by new car dealership) 15 ft north of A & B-4. 3 yrs ago (1987) removed by R J Miller, Co. of no records of UGT removal.
New owner - Eunice Campbell of Piedmont of adjacent site.
- no upgradient wells will be installed until the issue is resolved re: the ^{up gradient} source of contamination

2

well #1, C, EA2 - silty sand layer at 20 feet
depth to water 13.3 ft to 17.51 ft. log
Two Areas (location 1 & 2) to be excavated
1200 cu yds.

Ground Water Treatment
4 recovery wells to be installed.

8/14/89

Quarterly Report
Sampling 8/19/89

Groundwater gradient -> Southernly flow

B-1 FP 2.4 in

B-3 FP 0.1 in

Offsite wells - EA1 & EA2
ND for TPHg, BTXE

B5, B6 -> panned over no sample taken.

* MWE not sampled?

12/15/89

Quarterly Report -
Sampling 11-9-89

gradient - southernly flow

B-1 FP 0.08 ft

B3 - FP 0.05 ft

F - boiled dry, no recharge

B5, B6 -> panned over

A & B4 - higher in dissolved HC

B1 - lower benzene

B-6 & B-7 - lower HC

B-2 - 110,000 TPHg
32,000 B

B4 - 14,000 TPHg
6,000 B

B6 - 13,000 TPHg
70 B

1/20/90

Letter fr. ACHD - Notice of Violations
for 5 sites

- RFP due 2/23/90
- implement 5/17/90
- H2O level measurements / sampling every quarter & every mo. once remediation begins
- Progress report every 3 mos - 1st report due 3/1/90
- 9/1/90 - assessment report - effectiveness of remediation

①

STID 467

Former Chevron - 3701 Broadway Oakland 94611
(Val Strough Parking Lot)

1989

UGT removal permit accepted. - total 5 tanks

3-10,000 G gasoline; 1-1000G waste oil; 1-6000 G
(leak Broadway side pump island 1977, gasoline/water
upgrading source 1984, fr. Rainbow Council)

4/22/88

UGTs Removed

6/13/88

Closure Report for UGT removals dated 6/13/88
Sampling 4/22/88

no holes found in the tank - all 5 UGTs are
fireproof; water in the pit - for tanks ABC
14 ft bgs; 1/8" FP observed, a water
2800 G allene water pumped out

Tank D - for recovery products, damaged
during removal, released product in water
700 G pumped

Waste oil pit - 4300 TPHd ^{ppm}; 14000 ppm OEG
overexcavated to ND for TPHd; & ND TOG - ~~1000 ppm~~ ^{ppm}

8/8/88

Letter fr. AEMD (L.M.) re: submission of laboratory
results, manifest, UGR. & Work Plan.

9/8/88

Letter fr. Chevron rec'd 9/18/88.

excavated Waste oil tank - to ND.

13 MW's on site - remediation plan being
developed by Crowley Environmental Services.
manifest for tanks (Certificate for Erickson)
records of stockpiled soil disposal.

dated 7/31/89

WP from Chevron (Lisa Marinard) for groundwater
treatment. & soil remediation by excavation.
from Crowley Environmental Services

Site used as Val Strough parking lot

11 MW's at site

180 ppm TPHg in Hal

(10)

drill 1 soil boring & destroy MWF & B-1

Soil vapor test - conducted 11/22/92 reported 4/7/92
not feasible.

Tank D damaged during the ^{removal} excavation
 release TPH in water surface
 700 gal pumped fr. pit
 2 soil samples collected fr. capillary zone
 TPH & benzene = ND

11/1988
 Further Characterization

16 borings (23 soil samples)

result showed TPH > 100 ppm at 5-10 ft bgs

Proposed: ^{FP} / 1 / 1 / ^{FP}

1) B-4 B B-1 B-2 & B-3 - sample ^{spring} semi-annually & fall through 1996

2) EA-2 EA-1 E, F → sample annually → 1996
 → 14000 ppm soil

No analyses for TOC - TPH & 300 ppm TPH
 frequency of sampling?

needs

1) may still be non-attainment

2) investigate Tank D if a source of contaminants found in A & B4; if yes install upgradient well

if Tank D is not the source; submit data & report of release investigation by (PA) re: contamination in the Park/

after report submitted will push to invest. get 3735 (PA) re: contamination

4) need Krasie's borings 1/98

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

01/26/95

UNDERGROUND STORAGE TANK CLEANUP SITE

AGENCY#: 10000 SOURCE OF FUNDS: F-FEDERAL INSPECTOR: SH
 StID: 467 SUBSTANCE: 8006619 -Gasoline
 SITE NAME: Candia's Chevron Service DATE REPORTED : 04/21/88
 ADDRESS : 3701 Broadway DATE CONFIRMED:
 CITY/ZIP : Oakland, CA 94611 MULTIPLE RP's : Y

CASE TYPE: S CONTRACT STATUS: 4 PRIOR:2B4 EMERGENCY RESPONSE:

RP SEARCH	: S	DATE END:	03/27/92
PRELIM ASSESSMENT	:	DATE BEGIN:	DATE END:
REMEDIAL INVESTIG	:	DATE BEGIN:	DATE END:
REMEDIAL ACTION	:	DATE BEGIN:	DATE END:
POST REMED MONITOR:	DATE BEGIN:	DATE END:	

TYPE ENFORCEMENT ACTION TAKEN: 1 DATE OF ENFORC. ACTION: 03/27/92

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

LUFT FIELD MANUAL CONSIDERATION: CASE CLOSED: on:

DT EXC START: REMEDIAL ACTIONS TAKEN:

RP #1: CONTACT: n/a RP COST:
 RP COMPANY NAME: Heitzinger Assoc. Ph:
 ADDRESS: P.o. Box 1613
 CITY/STATE: Pebble Beach, California 93953

△ 2MENT:

SITE ID#: 467

ADDITIONAL RP'S

RP #2
 CONTACT NAME: Mark Miller
 COMPANY NAME: Chevron U. S. A., Inc. RP Ph:
 ADDRESS: P. O. Box 5004
 CITY/ST/ZIP: San Ramon, C A 94583-0804

Listing of all 1992 activities for StID # 467
as of 01/26/95

ActivDat	Insp	ACT	Activ	StID	ActCostF	aComment
03/05/92	JM	200	0.5	467	\$17.59	Retrieved R.P. names and wrote
03/12/92	JM	200	0.3	467	\$10.55	Sent out letters through certi
03/13/92	JE	200	0.3	467	\$10.55	
03/18/92	EC	200	0.3	467	\$12.31	cert letter
03/19/92	JM	215	0.5	467	\$17.59	Had to search files for update
03/24/92	JM	200	0.2	467	\$7.04	Notification Letter to site wa
03/27/92	TP	215	0.2	467	\$11.08	assign priority
04/16/92	TP	215	0.2	467	\$11.07	QR
06/19/92	SH	215	2.5	467	\$111.41	case review
09/22/92	SH	215	2.	467	\$90.83	reviewed report 7/7/92
11/03/92	SH	215	1.	467	\$45.41	review case file, report of 6/13/88
11/04/92	SH	215	2.	467	\$90.83	reviewed case file: report dated 8/14/89, 8/22/89, 12/15/89
11/16/92	SH	215	2.5	467	\$113.53	reviewed case file: reports-5/23/90, 5/3/90, 2/9/90
11/17/92	SH	215	2.5	467	\$113.53	review following reports : 12/27/90, 4/30/91, 7/16/91.
11/18/92	SH	215	2.	467	\$90.83	review the following reports: 7/31/91, 10/7/91, 1/2/92, 4/7/92
12/02/92	SH	210	0.8	467	\$40.96	on site visit
09/30/93	SH	212	0.3	467	\$14.66	talked to Mark Miller re: status
11/16/93	SH	212	1.5	467	\$73.29	meeting w/ Mark Miller re: status of site
11/16/93	SH	215	2.	467	\$97.72	review case file , prepare for meeting
01/04/95	SH	215	0.3	467	\$15.99	review file, update database

complete

DATE: 2/21/92
TO : Local Oversight Program
FROM: JOPA
SUBJ: Transfer of Eligible Oversight Case

Site name: CHEVRON STATION # 91026

Address: 3701 BROADWAY City OAK Zip 94611

Closure plan attached? Y N 4/19/88 DepRef remaining \$ Neq Balance!

DepRef Project # 131 STID #(if any) 467

Number of Tanks: 5 removed? Y N Date of removal 4/22/88

Leak Report filed? Y N Date of Discovery 4/21/88

Samples received? Y N Contamination: YES

Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents

Monitoring wells on site 9 Monitoring schedule? Y N

LUFT category 1 2 3 * H S C A R W G O

Briefly describe the following:

Preliminary Assessment _____

Remedial Action Bailing, Soil extraction,

Post Remedial Action Monitoring _____

Enforcement Action _____

Full Demolition w/ Full Removal of ALL subsurface equipment - ALL Fiberglass Tanks. FREE PRODUCT FOUND FLOATING in B & B-3 - date 9/14/89. Major Contamination is UNDER THE FORMER PUMPS.

These people need to be pushed into starting & extraction well and begin Remediation. From the Reports, they appear to be stalling. READ LAST REPORT DATE 10/7/91.

WE NEED MORE MONEY! THEY ARE ALREADY AT A NEG. BALANCE!

66680
(p. 1800.13)

ENVIRONMENTAL HEALTH

TITLE 22

(Register 24, No. 41—10-13-64)

- 437. Mercuric oxide (red and yellow) (T,F)
- 438. Mercuric oxycyanide (T,R)
- 439. Mercuric potassium iodide, Mayer's reagent (T)
- 440. Mercuric salicylate, Salicylated mercury (T)
- 441. Mercuric subsulfate, Mercuric dioxysulfate (T)
- 442. Mercuric sulfate, Mercury sulfate (T)
- 443. Mercuric thiocyanate, Mercury thiocyanate (T)
- 444. Mercuriol, Mercury nucleate (T)
- 445. Mercurous bromide (T)
- 446. Mercurous gluconate (T)
- 447. Mercurous iodide (T)
- 448. Mercurous nitrate (T,R)
- 449. Mercurous oxide (T)
- 450. Mercurous sulfate, Mercury bisulfate (T)
- 472. *Mercury (T)
- 473. *Mercury compounds (T)
- 474. Metal carbonyls (T)
- 475. *Metal hydrides (F,R)
- 476. Metal powders (T,F)
- 477A. *Methomyl, LANNATE, S-Methyl-N-((methyl-carbamoyl)oxy)thioacetimidate (T)
- 477B. *Methoxychlor, 1,1,1-Trichloro-2,2-bis(p-methoxyphenyl)ethane, CHEMFLORM, MARLATE (T)
- 478. *Methoxyethylmercuric chloride, AGALLOL, ARETAN (T)
- 479. Methyl acetate (T,F)
- 480. Methyl acetone (Mixture of acetone, methyl acetate, and methyl alcohol) (T,F)
- 481. Methyl alcohol, Methanol (T,F)
- 482. *Methylaluminum sesquibromide (F,R)
- 483. *Methylaluminum sesquichloride (F,R)
- 484. Methylamine, Aminomethane (T,F)
- 485. N-Methylaniline (T)
- 486. *Methyl bromide, Bromomethane (T)
- 487. 2-Methyl-1-butene (F)
- 488. 3-Methyl-1-butene (F)
- 489. Methyl butyl ether (and isomers) (T,F)
- 490. Methyl butyrate (and isomers) (T,F)
- 491. Methyl chloride, Chloromethane (T,F)
- 492. *Methyl chloroformate, Methyl chlorocarbonate (T,F,R)
- 493. *Methyl chloromethyl ether, CMME (T,F)
- 494. Methylcyclohexane (T,F)
- 495. *Methyldichlorosilane (T)
- 496. *Methyldichlorosilane (T,F,R)
- 497. *4,4-Methylene bis(2-chloroaniline), MOCA (T)
- 498. Methyl ethyl ether (T,F)
- 499. Methyl ethyl ketone, 2-Butanone (T,F)
- 500. Methyl ethyl ketone peroxide (T,F)
- 501. Methyl formate (T,F)
- 502. *Methyl hydrazine, Monomethyl hydrazine, MMH (T,F)

TITLE 22

ENVIRONMENTAL HEALTH

(Register 24, No. 41—10-13-64)

- 503. *Methyl isocyanate (T,F)
- 504. Methyl isopropenyl ketone, 3-Methyl-3-butene-2-one (T,F)
- 505. *Methylmagnesium bromide (C,F,R)
- 506. *Methylmagnesium chloride (C,F,R)
- 507. *Methylmagnesium iodide (C,F,R)
- 508. Methyl mercaptan, Methanethiol (T,F)
- 509. Methyl methacrylate (monomer) (T,F)
- 510. *Methyl parathion, O,O-Dimethyl-O-para-nitrophenylphosphorothioate (T)
- 511. Methyl propionate (F)
- 512. *Methyltrichlorosilane (T,C,F,R)
- 513. Methyl valerate, Methyl pentanoate (and isomers) (F)
- 514. Methyl vinyl ketone, 3-Butene-2-one (T,F)
- 516A. *Mevinphos, PHOSDRIN, 2-Carbomethoxy-1-methylvinyl dimethyl phosphite (T)
- 516B. *Aitex; 1,1a,2,2,3,3a,4,5,5,5a,5b,6-Dodecachlorooctahydro-1,3,4-metheno-111-cyclobutyl (cd) pentalene, Dechlorane (T)
- 516. *MOCAP, O-Ethyl-S,S-dipropyl phosphorodithioate (T)
- 517. Molybdenum (powder) (F)
- 518. Molybdenum trioxide, Molybdenum anhydride (T)
- 519. Molybdic acid and salts (T)
- 520. Monochloroacetic acid, Chloroacetic acid, MCA (T,C)
- 521. Monochloroacetone, Chloroacetone, 1-Chloro-2-propanone (T)
- 522. Monofluorophosphoric acid (T,C)
- 523. Naphtha (of petroleum or coal tar origin), Petroleum ether, Petroleum naphtha (T,F)
- 524. Naphthalene (T,S)
- 525. alpha-Naphthylamine, 1-NA (T)
- 526. beta-Naphthylamine, 2-NA (T)
- 527. Neohexane; 2,2-Dimethylbutane (T,F)
- 528. Nickel (powder) (T,F)
- 529. Nickel acetate (T)
- 530. Nickel antimonide (T)
- 531. *Nickel arsenate, Nickelous arsenate (T)
- 532. *Nickel carbonyl, Nickel tetracarbonyl (T)
- 533. Nickel chloride, Nickelous chloride (T)
- 534. *Nickel cyanide (T)
- 535. Nickel nitrate, Nickelous nitrate (T,F,R)
- 536. Nickel selenide (T)
- 537. Nickel sulfate (T)
- 538. Nicotine, beta-pyridyl-alpha-N-methyl pyrrolidine (T)
- 539. Nicotine salts (T)
- 540. Nitric acid (T,C,F)
- 541. Nitroaniline, Nitraniline (ortho, meta, para) (T,R)
- 542. Nitrobenzol, Nitrobenzene (T)
- 543. *4-Nitrophenyl, 4-NBP (T)
- 544. Nitro carbo nitrate (F,R)
- 545. Nitrocellulose, Cellulose nitrate, Cuncotton, Pyroxylin, Collodion, Pyroxylin (nitrocellulose) in ether and alcohol (F,R)

66680
(p. 1800.13)

66680
(p. 1800.14)

ENVIRONMENTAL HEALTH

TITLE 22

(Register 24, No. 41—10-13-64)

- 546. Nitrochlorobenzene, Chloronitrobenzene (ortho,meta,para) (T)
- 547. Nitrogen mustard (T,C)
- 548. Nitrogen tetroxide, Nitrogen dioxide (T,F)
- 549. Nitroglycerin, Trinitroglycerin (T,F,R)
- 550. Nitrohydrochloric acid, Aqua regia (T,C,F)
- 551. *Nitrophenol (ortho, meta, para) (T)
- 552. *N-Nitrosodimethylamine, Dimethyl nitrosamine (T)
- 553. Nitroguanidine (R)
- 554. Nitrostarch, Starch nitrate (F,R)
- 555. Nitroxytol, Nitroxytolene, Dimethylnitrobenzene (2,4,3,4,2,5-isomers) (T)
- 558. 1-Nonene, 1-Nonylene (and isomers) (T,F)
- 557. *Nonyltrichlorosilane (T,R)
- 558. *Octadecyltrichlorosilane (T,R)
- 559. n-Octane (and isomers) (T,F)
- 560. 1-Octene, 1-Caprylene (T,F)
- 561. *Octyltrichlorosilane (T,R)
- 563. *Oleum, Fuming sulfuric acid (T,C,R)
- 565. Osmium compounds (T)
- 566. Oxalic acid (T)
- 567. *Oxygen difluoride (T,C,R)
- 568. *Para-oxon, MINTACOL, O,O-Diethyl-O-para-nitrophenyl phosphite (T)
- 569. *Parathion, O,O-Diethyl-O-para-nitrophenyl phosphorothioate (T)
- 570A. *Pentaborane (T,F,R)
- 570B. Pentachlorophenol, PCP, DOWICIDE 7 (T)
- 571. Pentaerythritol tetranitrate, Pentaerythritol tetranitrate (R)
- 572. n-Pentane (and isomers) (T,F)
- 573. 2-Pentanone, Methyl propyl ketone (and isomers) (T,F)
- 574. Peracetic acid, Peroxyacetic acid (T,C,F,R)
- 575. Perchloric acid (T,C,F,R)
- 576. Perchloroethylene, Tetrachloroethylene (T)
- 577. *Perchloromethyl mercaptan, Trichloromethylsulfenyl chloride (T)
- 578. Perchloryl fluoride (T,C,F)
- 580. Phenol, Carboic acid (T,C)
- 581. *Phenyldichloroarsine (T)
- 582. Phenylenediamine, Diaminobenzene (ortho,meta,para) (T)
- 583. Phenylhydrazine hydrochloride (T)
- 584. *Phenylphenol, Ortho-phenol, DOWICIDE 1 (T)
- 585. *Phenyltrichlorosilane (T,R)
- 586. *Phorate, THIMET, O,O-Diethyl-S-((Ethylthio) methyl) phosphorothioate (T)
- 587. *Phosolan, CYOLAN, 2-(Diethoxyphosphinylamino)-1,3-dithiolane (T)
- 588. *Phosgene, Carbonyl chloride (T,R)
- 589. *Phosphamidon, DIMECRON, 2-Chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphite (T)
- 590. *Phosphine, Hydrogen phosphide (T,F)
- 591. Phosphoric acid (C)
- 592. Phosphoric anhydride, Phosphorus pentoxide (C,F)



United States Testing Company, Inc.
Engineering & Support Services Division

3540 OAKDALE ROAD • P.O. BOX 6673
MODESTO, CALIFORNIA 95355 (209) 551-2271

91 OCT 35 PM 1:04

NEW YORK
MEMPHIS
ORLANDO
MIAMI
CHICAGO
COLORADO SPRINGS
SAN FRANCISCO
MODESTO
LOS ANGELES
SAN DIEGO

USTCOENV91-4150

October 31, 1991

Alameda County Health Care Services
Department of Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621

Att: Ms. Katherine Chesick

Dear Ms. Chesick,

As part of the investigative process for a Phase I Environmental Site Assessment, we would like to request the following information from the county files on the sites listed below, or arrange to come in and review the files. All locations are within the City of Oakland.

We have reviewed the Regional Water Quality Control Board files on the following sites, but would like to confirm that the most recent tank tightness tests passed:

- * Kaiser Permanente
3505 Broadway Boulevard
- * Shell Service Station
230 West MacArthur Boulevard
- * Chevron
3701 Broadway

We would like to know if a case file exists with the county for the following sites or if they have any tanks. If they do have tanks we would like to know status of them:


- * Prestige Products Corporation
240 West MacArthur Boulevard
- * Val Strough Honda
3707 Broadway

USTCOENV91-4150
Page 3

- * Brown Mortuary
3476 Piedmont Street
- * Big Three Tires and Brakes
3550 Piedmont (between Westfall and Warren)

If you have any questions please don't hesitate to call me at (209)
551-2271.

UNITED STATES TESTING COMPANY, INC.
Sincerely,



Vincent J. Patula
Project Geologist

VJP/km



Chevron U.S.A. Inc.

2410 Camino Ramon, San Ramon, California • Phone (415) 842-9500

Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

91 MAR -4 AM 11:07

Marketing Operations

R. B. Bellinger

Manager, Operations

S. L. Patterson

Area, Manager, Operations

C. G. Trimbach

Manager, Engineering

February 18, 1991

Mr. Gil Wistar
Alameda County Health Care Services
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621

Re: Former Chevron Service Station #9-1026
3701 Broadway
Oakland, CA 94611

Dear Mr. Wistar:

This letter is in response to your request dated January 21, 1991, requesting a progress report on the remediation at the above referenced site.

Chevron is currently negotiating with the property owner an acceptable location for the treatment system. We anticipate resolving this issue shortly. All necessary permits have been secured and all equipment purchased. Once approval is obtained you will be notified of the date the installation of the treatment system will commence.

In addition, we are in receipt of a copy of a letter to Val Strough Honda requesting submittal of a workplan to assess the site conditions in the area of the former underground storage storage tanks at 3737 Broadway, Oakland, as there is the possibility of comingling plumes. At completion of Val Strough's site assessment, Chevron will propose additional well(s), if necessary, to complete plume delineation.

As per our meeting and your request on February 14, 1991, I am enclosing additional copies of all reports generated for the above referenced site from 1990 to present.

Enclosed is a check for \$500.00 to cover Alameda County Health Care Services oversight costs per your request.

Page 2
February 18, 1991

If you have any questions or comments, please do not hesitate to contact me at (415) 842-9581.

Very truly yours,
C.G. Trimbach

By 
Nancy Vukelich

NLV/jmr
Enclosures

cc: Mr. Rich Hiett
RWQCB - Bay Area
1800 Harrison Street
Suite 700
Oakland, CA 94612

Ms. B.C. Brummett-Owen
Chevron Property Management Specialist



The Chevron Companies

CHECK DATE 02/14/91

0061

CHEVRON U.S.A. INC.
P.O. Box S, Concord, CA 94524

PAGE 01 OF 01

INV DATE	INVOICE NO.	ORDER IDENTIFICATION	REF. NO.	GROSS AMOUNT	DEDUCTIONS	NET AMOUNT	
02/09/91	020991ALA		02A6IR008WC	500.00		500.00	
	OVERSIGHT FEE \$500						
						TOTAL	500.00
DIRECT QUESTIONS TO: (415) 842-9576							WC
PAYEE 000191841		ALAMEDA COUNTY HEALTH CARE	ENVIRONMENTAL HEALTH DEPT	BANK MGR	00269		
001							
						Check No. 68349351	

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

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

Certified Mailer # P 062 127 755

January 18, 1991

Mrs. Maude G. Besthorn
1501 Ptarmigan Dr.
Walnut Creek, CA 94595

CALIFORNIA REGIONAL WATER
JAN 22 1991
QUALITY CONTROL BOARD

RE: Potential contamination from former underground fuel storage tanks at 3737 Broadway, Oakland

Dear Mrs. Besthorn:

As you may be aware, a Chevron gas station formerly occupied the property at 3701 Broadway, at the corner of Broadway and MacArthur. Samples of groundwater from the northern edge of this property indicate the possibility that hydrocarbons have migrated from the 3737 Broadway property onto the 3701 Broadway site. Information on file suggests that three underground tanks were removed from this location in early 1987, with incomplete soil sample results and documentation on file.

Under Sec. 13304(a) of the Porter-Cologne Water Quality Control Act (California Water Code), a responsible party is defined as any person who "has caused or permitted, causes or permits, or threatens to cause or permit any waste to be discharged or deposited where it is, or probably will be, discharged into waters of the state and creates, or threatens to create, a condition of pollution or nuisance..." This section goes on to state that this person must "clean up such waste or abate the effects thereof..." Thus, an underground tank system that in the past resulted in unauthorized releases confers liability on the following parties:

- 1) The property owner at the time of the release(s) and thereafter for as long as the releases threaten groundwater;
- 2) The property lessor (as distinguished from facility operator) at the time of release and thereafter for as long as the releases threaten groundwater; and
- 3) The facility operator (or sublessor) at the time of release.

The actual releases from the tanks are presumed to have occurred until February 1987, when they were removed; however, there is evidence that threats to groundwater from the former location of these tanks still remain. This is because the monitoring wells next

Mrs. Maude G. Besthorn
January 18, 1991
Page 2 of 2

door at 3701 Broadway that are upgradient of the tanks removed from that property, but downgradient of the former tank area on 3737 Broadway, show significant groundwater contamination.

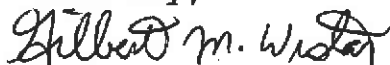
Therefore, we are requiring that a work plan be submitted to this office, which is designed to determine whether the old underground tanks at 3737 Broadway are contributing to the hydrocarbon plume beneath the former Chevron station, and if so, to what extent. This work plan is to be submitted to this office for approval, and is due **February 22, 1991 no later than 5 p.m.**

A suitably qualified environmental consultant must handle this investigative work. We are currently requiring Chevron to define the limits of and remediate contaminated groundwater underneath 3701 Broadway, and county oversight on this issue will continue until full cleanup occurs. However, you will be responsible for subsurface contamination (if any) originating from 3737 Broadway. In addition, we require that a deposit of \$425 be submitted to this office, made out to Alameda County, to cover our costs for report review and remedial oversight of the case. This deposit is due by February 22.

This letter constitutes a formal request for technical reports according to Sec. 13267 of the California Water Code, as well as Sec. 25299.36 of the California Health and Safety Code. Copies of all documentation sent here should also be sent to the Regional Water Quality Control Board in Oakland (attn: Lester Feldman). Failure to respond in a timely manner could result in civil liabilities under the Water Code of up to \$1,000 per day. Other violations of California law, such as Sec. 25299.37 of the California Health and Safety Code, may also be cited.

If you have any questions about this letter, please contact the undersigned at 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

cc: W. Bruce Bercovich, Kay & Merkle (100 The Embarcadero, San Francisco, CA 94105)
Lisa Marinaro, Chevron USA (P.O. Box 5004, San Ramon, CA 94583)
Lester Feldman, RWQCB
Gil Jensen, Alameda County District Attorney, Consumer and Environmental Protection Division
Rafat A. Shahid, Asst. Agency Director, Environmental Health files



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 761-1100

Certified Mailer # P 062 127 753

January 18, 1991

Mrs. Bernice H. Campbell
224 Mountain Ave.
Piedmont, CA 94611

PIEDMONT REGIONAL WATER
JAN 22 1991
QUALITY CONTROL BOARD

RE: Potential contamination from former underground fuel storage tanks at 3737 Broadway, Oakland

Dear Mrs. Campbell:

As you may be aware, a Chevron gas station formerly occupied the property at 3701 Broadway, at the corner of Broadway and MacArthur. Samples of groundwater from the northern edge of this property indicate the possibility that hydrocarbons have migrated from the 3737 Broadway property onto the 3701 Broadway site. Information on file suggests that three underground tanks were removed from this location in early 1987, with incomplete soil sample results and documentation on file.

Under Sec. 13304(a) of the Porter-Cologne Water Quality Control Act (California Water Code), a responsible party is defined as any person who "has caused or permitted, causes or permits, or threatens to cause or permit any waste to be discharged or deposited where it is, or probably will be, discharged into waters of the state and creates, or threatens to create, a condition of pollution or nuisance..." This section goes on to state that this person must "clean up such waste or abate the effects thereof..." Thus, an underground tank system that in the past resulted in unauthorized releases confers liability on the following parties:

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- 3) The facility operator (or sublessor) at the time of release.

The actual releases from the tanks are presumed to have occurred until February 1987, when they were removed; however, there is evidence that threats to groundwater from the former location of these tanks still remain. This is because the monitoring wells next

Mrs. Bernice H. Campbell
January 18, 1991
Page 2 of 2

door at 3701 Broadway that are upgradient of the tanks removed from that property, but downgradient of the former tank area on 3737 Broadway, show significant groundwater contamination.

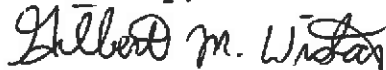
Therefore, we are requiring that a work plan be submitted to this office, which is designed to determine whether the old underground tanks at 3737 Broadway are contributing to the hydrocarbon plume beneath the former Chevron station, and if so, to what extent. This work plan is to be submitted to this office for approval, and is due **February 22, 1991 no later than 5 p.m.**

A suitably qualified environmental consultant must handle this investigative work. We are currently requiring Chevron to define the limits of and remediate contaminated groundwater underneath 3701 Broadway, and county oversight on this issue will continue until full cleanup occurs. However, you will be responsible for subsurface contamination (if any) originating from 3737 Broadway. In addition, we require that a deposit of \$425 be submitted to this office, made out to Alameda County, to cover our costs for report review and remedial oversight of the case. This deposit is due by February 22.

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If you have any questions about this letter, please contact the undersigned at 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

cc: W. Bruce Bercovich, Kay & Merkle (100 The Embarcadero, San Francisco, CA 94105)
Lisa Marinaro, Chevron USA (P.O. Box 5004, San Ramon, CA 94583)
~~Lester Feldman, RWQCB~~
Gil Jensen, Alameda County District Attorney, Consumer and Environmental Protection Division
Rafat A. Shahid, Asst. Agency Director, Environmental Health files



ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

Certified Mailer # P 062 127 754

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

January 18, 1991

JAN 22 1991 *LF*

Val Strough Honda
Val Strough Chevrolet
c/o Mr. W. Bruce Bercovich
Kay & Merkle
100 The Embarcadero, 3rd Floor
San Francisco, CA 94105

QUALITY CONTROL BOARD

RE: **Potential contamination from former underground fuel storage tanks at 3737 Broadway, Oakland**

Gentlemen:

Sitename

As you may be aware, a **Chevron** gas station formerly occupied the property at 3701 Broadway, at the corner of Broadway and MacArthur. Samples of groundwater from the northern edge of this property indicate the possibility that hydrocarbons have migrated from the 3737 Broadway property onto the 3701 Broadway site. Information on file suggests that three underground tanks were removed from this location in early 1987, with incomplete soil sample results and documentation on file.

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Val Strough Honda
Val Strough Chevrolet
c/o Mr. W. Bruce Bercovich
January 18, 1991
Page 2 of 2

these tanks still remain. This is because the monitoring wells next door at 3701 Broadway that are upgradient of the tanks removed from that property, but downgradient of the former tank area on 3737 Broadway, show significant groundwater contamination.

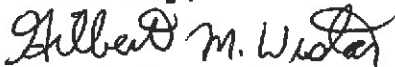
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A suitably qualified environmental consultant must handle this investigative work. We are currently requiring Chevron to define the limits of and remediate contaminated groundwater underneath 3701 Broadway, and county oversight on this issue will continue until full cleanup occurs. However, you will be responsible for subsurface contamination (if any) originating from 3737 Broadway. In addition, we require that a deposit of \$425 be submitted to this office, made out to Alameda County, to cover our costs for report review and remedial oversight of the case. This deposit is due by February 22.

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If you have any questions about this letter, please contact the undersigned at 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

cc: Lisa Marinaro, Chevron USA (P.O. Box 5004, San Ramon, CA 94583)
~~Lester Feldman~~, RWQCB
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division
Rafat A. Shahid, Asst. Agency Director, Environmental Health
files



ALAMEDA-COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

January 21, 1991

Ms. Lisa Backlund
West Central Engineer
Chevron, U.S.A., Inc.
P. O. Box 5004
San Ramon, CA 94583-0804

Re: **Former Chevron station 9-1026, 3701 Broadway, Oakland**

Dear Ms. Backlund:

The Alameda County Department of Environmental Health, Hazardous Materials Division has exhausted its deposit for the oversight of remediation at the above site. Please submit an additional deposit of \$500, made payable to Alameda County, for our continued oversight of this case. We draw upon these funds at a given hourly rate whenever a Hazardous Materials Specialist works on the case, but cannot process any report if there are no funds on deposit.

In addition, please submit a progress report on the status of remediation at the site. This report and the deposit are due to this office by **February 20, 1991**.

If you have any questions about this letter, please contact the undersigned at 271-4320.

Sincerely,

Gil Wistar
Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health



Chevron U.S.A. Inc.

2410 Camino Ramon, San Ramon, California • Phone (415) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

Marketing Operations

D. Moller
Manager, Operations
S. L. Patterson
Area Manager, Operations
C. G. Trimbach
Manager, Engineering

May 23, 1990

CALIFORNIA REGIONAL WATER
MAY 30 1990
QUALITY CONTROL BOARD

Mr. Gil Wistar
Alameda County
Department of Environmental Health
80 Swan Way, Rm. 200
Oakland, CA 94621

Re: Former Chevron Station #9-1026
3701 Broadway
Oakland, California

Dear Mr. Wistar:

Chevron is in receipt of your letter dated May 9, 1990 requesting a comprehensive remedial/ monitoring work plan. Enclosed are two documents: A workplan discussing additional wells submitted to Chevron by Weiss Associates, and a groundwater remediation program submitted to Chevron by Chempro Environmental. The Weiss report addresses the possible abandonment of several wells and the installation of additional wells for further site characterization. The Chempro report addresses items 1-3, 5, and 7 of the Alameda County letter.

Item 4 of the Alameda County letter addresses the monitoring well sampling regime during various stages of the remediation program. At this time all wells are sampled on a quarterly basis and checked for floating product on a monthly basis. The current monitoring program will be evaluated after the installation of the treatment system.

Item 6 of the Alameda County letter addresses the division of responsibility between consultants during remediation. Weiss Associates is the consultant responsible for quarterly monitoring of all wells. Chempro will be responsible for all phases of installation and maintenance of the treatment system.

In reference to a previous telephone conversation, the dealer did not allow anyone to dispose of waste by using his waste oil tank.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

May 9, 1990

Backlund
Ms. Lisa ~~Marinero~~
Chevron U.S.A. Inc.
P.O. Box 5004
San Ramon, CA 94583-0804

Re: Response to questions raised in quarterly report, former
Chevron #9-1026, 3701 Broadway, Oakland

Dear Ms. Marinero:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the Weiss Associates quarterly report at the former Chevron station listed above. In this report, Weiss proposes the abandonment of three monitoring wells that cannot be sealed against the intrusion of surface water. Weiss also proposes that sampling frequency in certain of the other monitoring wells be reduced from quarterly to semi-annually.

The Division concurs that any monitoring wells unable to be sealed should be destroyed, according to protocol established by Zone 7 of the Alameda County Flood Control and Water Conservation District. This includes monitoring wells B, B-6, and B-7. However, because well B-6 defines the northwestern edge of the groundwater monitoring system at the site, it will have to be replaced by another well in the same area. This new well should be placed further to the northwest than the current location of well B-6, to allow definition of the northwest edge of the groundwater contaminant plume.

The northern and northeastern sides of the plume remain poorly defined, as well. Even though the groundwater under this portion of the site has been calculated as "upgradient" from the former tanks and fuel islands, the levels of contaminants in monitoring wells A and B-4 are relatively high. Therefore, we are requiring the installation of at least one additional monitoring well to the northeast of wells A and B-4. We are also requiring a well to be placed on the northern corner of the property (on the northwest side of the former service station building) to enhance "upgradient" plume characterization. This raises a question: what is the origin of hydrocarbons in groundwater that is apparently upstream from the presumed source at the former service station?

Because of the levels of contamination at this site, including free product still being found in several wells, quarterly monitoring should continue in all wells, including the new ones to be installed. We expect that more frequent sampling and water-level

Ms. Lisa Marinaro
May 9, 1990
Page 2 of 3

measurements will occur anyway during the initial stages of groundwater remediation.

Turning now to the question of the remediation program, this office has only a brief sketch of alternatives, prepared by Chempro Environmental Services. More information needs to be submitted on the proposed remediation program, which you have stated is ready to go once property access details are negotiated. (The May 17 deadline we set for system startup appears unrealistic now, and we have to assume this is due to legal issues.) Please submit the following information to this office:

1. Aquifer test procedures and results, including optimum extraction well locations, pump rates, and expected radius of influence;
2. Specifics on air stripper operation and expected hydrocarbon removal efficiency;
3. Details on system maintenance and performance testing that will ensure the system is working as intended;
4. The monitoring well sampling regime during various stages of the remediation program;
5. Schedule milestones following formal landowner approval;
6. Information on who will be responsible for what tasks during remediation, and plans for coordination if more than one contractor/consultant is involved; and
7. Agency reporting frequency.

Please submit a comprehensive remedial/monitoring work plan addressing the issues in this letter to this office and to the Regional Water Quality Control Board by **May 31, 1990**. Because we are overseeing this site under the designated authority of the Water Board, this letter constitutes a formal request for technical reports, per Sec. 13267(b) of the California Water Code. Failure to respond in a timely manner could result in civil liabilities under the Water Code of up to \$1,000 per day.

If you have any questions about this letter or about remediation

Ms. Lisa Marinaro
May 9, 1990
Page 3 of 3

requirements established by the RWQCB, please contact the undersigned at 271-4320.

Sincerely,

Gilbert M. Wistar

Gil Wistar
Hazardous Materials Specialist

cc: Mariette Shin, Weiss Associates (5500 Shellmound St., Emeryville,
CA 94608)
Red Blevins, Chempro Environmental Services (950 Gilman St.,
Suite B, Berkeley, CA 94710)
Lester Feldman, San Francisco Bay RWQCB
Gil Jensen, District Attorney, Alameda County Consumer and
Environmental Protection Division
Rafat Shahid, Asst. Agency Director, Environmental Health
files

CHEVRON U.S.A. MARKETING FACILITIES
RWQCB QUARTERLY SUMMARY
1ST QUARTER 1990

DATE: 04/06/90



COUNTY: ALAMEDA
ENGINEER: L.A.MARINARO

CHEVRON FACILITY # 91026 3701 BROADWAY
OAKLAND , CA

WATER INVESTIGATION STATUS

/W

SOIL STATUS: NOT APPLICABLE
FREE HYDROCARBON STATUS: IN PROGRESS
DISSOLVED HYDROCARBON STATUS: IN PROGRESS
INVESTIGATION RELEASED: 07/13/88
NEXT CONSULTANT REPORT DUE: *LATEST CONSULTANT REPORT RECEIVED: 01/23/89
LAST REPORT SUBMITTED TO AGENCY:
INVESTIGATION COMPLETE:

WATER REMEDIATION STATUS

/W

SOIL STATUS: NOT APPLICABLE
FREE HYDROCARBON STATUS: TO BE DETERMINED
DISSOLVED HYDROCARBON STATUS: TO BE DETERMINED
TYPE OF RECOVERY SYSTEM:
REMEDIAL ACTION PLAN DUE FROM CONSULTANT: *
CONSTRUCTION OF CLEAN-UP SYSTEM STARTED:
CLEAN-UP SYSTEM START-UP:

GROUNDWATER MONITORING

/W

MONITORING FREQUENCY: QUARTERLY
NEXT REPORT DUE FROM CONSULTANT: 06/17/90 *
LATEST REPORT RECEIVED FROM CONSULTANT: 03/16/90
LAST REPORT SUBMITTED TO AGENCY: 02/20/90

NEXT ACTION: AWAITING APPROVAL FROM PROP. OWNER TO PERFORM WORK ON SITE.

* DUE DATE IS THE DATE THE REPORT IS SCHEDULED TO BE RECEIVED AT CHEVRON'S OFFICE. CHEVRON WILL TAKE A REASONABLE AMOUNT OF TIME FOR INTERNAL REVIEW BEFORE A COPY OF THE REPORT WILL BE FORWARDED TO THE REGIONAL BOARD OFFICES.

REPORT NAME: ERPTQUAL



Chevron U.S.A. Inc.

2410 Camino Ramon, San Ramon, California • Phone (415) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

Marketing Operations

February 9, 1990

D. Moller
Manager, Operations
S. L. Patterson
Area Manager, Operations
C. G. Trimbach
Manager, Engineering

Mr. Gil Wistar
Alameda County
Environmental Health
80 Swan Way, Suite 200
Oakland, California 94621

Re: January 22, 1990
Notice of Violation
Five Chevron Stations

Dear Mr. Wistar:

This letter is in response to your Notice of Violation dated January 22, 1990 for five Chevron service station sites in Alameda County. We will reply to those violations individually by service station.

1. 3701 Broadway, Oakland Chevron SS#9-1026

The remediation alternatives plan was mailed to your former 27th Street address August 23, 1989. Enclosed we are forwarding a copy of that plan.

Chevron is currently negotiating with the property owner an acceptable location for the treatment system. We anticipate resolving this issue shortly and the May 17, 1990 deadline will be adhered to. This date is contingent upon receiving necessary operating permits however.

Chevron will meet the March 1, 1990 progress report deadline.

2. 7420 Dublin Blvd., Dublin Chevron SS#9-2582

On November 3, 1989, a report documenting groundwater sampling conducted August 2, 1989, was forwarded to your office. As indicated in this report, only the tank backfill well showed levels of hydrocarbon contaminants. The other three groundwater monitoring wells showed non-detect.

The fourth quarter sampling has been completed and the report of findings is enclosed. As indicated in this report, the three

groundwater monitoring wells remained non-detect for hydrocarbon contaminants.

Permitting the new tank installation took much longer than anticipated and kept the independent Dealer out of operation for a long period of time. In order to minimize the Dealers hardship and the fact that groundwater sampling suggested that the contamination is localized around the tank complex and is not migrating offsite, Chevron felt that the Dealers operation should not be immediately hindered after his reopening. Western Geologic is in the process of conducting a vapor extraction vent test which will provide information necessary to finalize the treatment system design. Soil venting by April 6, 1990 is workable and an operational groundwater treatment system is possible by April 27. Chevron will make every attempt to meet these deadlines.

3. 5500 Telegraph Ave., Oakland Chevron SS#9-0338

In July 1989 modifications to underground piping were performed at this site. Soil samples collected after overexcavation of the piping trenches continued to show hydrocarbon contaminants. Chevron concurred with your request to install groundwater monitoring wells to define the full extent of contamination. Your office formally requested submittal of a work plan and an unauthorized release report on September 13, 1989. Your notice of violation states that you have not recieved this information. Enclosed we are forwarding copies of the work plan dated October 6, 1989 and release report dated September 19, 1989. According to our records the work plan was mailed to your office October 10, 1989 and the release report September 19, 1989. Verbal approval of the work plan was received from your office on November 1, 1989. The wells have been installed and our consultants report of findings will be submitted prior to your requested March 9, 1990 due date.

4. 5509 Martin Luther King, Jr. Way, Oakland Chevron SS#9-1583

Again during piping modifications performed at this site in December of 1989, levels of hydrocarbon contaminated soil were encountered. At that time your office verbally requested installation of groundwater monitoring wells to define the extent of contamination. Chevron concurred with your request and a consultant has been retained to perform this work. Your April 6, 1990 due date for a report of findings will be adhered to. In your Notice of Violation letter you have requested that a release report be filed. This report has been prepared and forwarded to your office under a separate cover letter. Enclosed is a copy of that report dated January 25, 1990.

5. 1925 Barcelona St., Livermore Chevron SS#9-7314

In early 1989 Chevron retained EA Engineering to perform an environmental assessment at this site to prepare for a scheduled permanent closure of the underground tank and piping facilities. This assessment consisted of performing a soil vapor survey and advancing five soil borings to depths up to 50 feet. One soil sample collected at a depth of 10.5 feet from a boring adjacent to the underground storage tank showed 740 PPM total petroleum hydrocarbon as gasoline (TPHG). Samples collected below 10.5 from all the borings showed no detectable TPHG or Benzene. Based on these findings, EA did not recommend further work. The report of these findings was submitted to your office September 6, 1989. Beginning on September 18, 1989 Chevron proceeded with the planned tank removal. EA was retained to collect excavation closure soil samples. All soil samples collected below the fuel storage tanks and pipelines showed at most 33 PPM-TPHG and 0.065 PPM Benzene. An additional soil sample was collected from a trench dug beyond the south wall of the tank field beyond the borehole that contained the soil sample which showed 740 PPM-TPHG. This soil sample showed no detectable TPHG. Soil samples collected of the fuel tank backfill and used oil tank excavation showed levels of contamination which required removal and disposal of those soils. Due to sampling turnaround requirements and lengthy soil disposal arrangements, overexcavation of the used oil tank excavation and soil disposal continued thru mid-December. Final sampling of the used oil tank excavation showed no detectable levels of oil and grease contamination. The final report of this work will be submitted to your office by February 15, 1990. Your Notice of Violation requests the submittal of a release report and a work plan to address soil and potential groundwater contamination. The release report has been prepared and was submitted to your office under a separate cover letter. A copy is enclosed. In regards to the work plan, the assessment work completed to date indicate that only very minor soil contamination exists below this site. Contaminated soil discovered during the tank removal was removed to practical limits. Our consultant, EA, concluded that the low levels of detected hydrocarbon remaining do not represent a risk based on LUFT analysis. As such, upon your review of the final report which will be submitted as noted, we will await your comment and concurrence.

You have noted that Chevron was in violation for failure to submit unauthorized release reports at three of the five discussed stations. We would like to receive formal clarification to your requirement for these reports. It is clear to Chevron that release reports are required whenever a known release occurs such as in the case of a precision test failure or breach of underground fueling system integrity. This immediate reporting requirement makes sense from the standpoint that immediate

attention may be required to effect public protection. However, in situations involving tank or piping closures and discretionary environmental assessments for property transfers, where hydrocarbons found in the soil may have been released many years prior to being found and ongoing assessment reports are or will be submitted to the regulatory authorities, it seems that filing an unauthorized release report is redundant and a duplication of effort. It is important for Chevron to receive clarification to your requirements along with governing regulatory guidelines as we suspect that many stations for which we have been in the process of investigating and remediating in the recent past, may not have had formal release reports filed. It has been our assumption that submittal of formal assessment reports generated during tank closures and property transfers satisfied your reporting requirements and an additional report was not required.

We hope that the above comments have addressed your concerns. If you have any further questions please do not hesitate to call John Randall at 842-9625.

Sincerely,


C. G. Trimbach

JMR/jmr
Enclosures

cc: Lester Feldman w/o enclosures
RWQCB
1800 Harrison Street
Suite #700
Oakland, CA 94612

Gil Jensen w/o enclosures
District Attorney
Alameda County Consumer and Environmental Protection Division
24405 Amador St.
Hayward, CA 94544

Rafat Shahid w/o enclosures
Asst. Agency Director, Environmental Health
Alameda County Health
80 Swan Way, Suite 200
Oakland, CA 94621

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



DEPT. OF ENVIRONMENTAL HLTH
HAZARDOUS MATERIALS PROG.
80 SWAN WAY, SUITE 200
OAKLAND, CA 94621
430-4530

Certified Mailer # P 062 127 793

Telephone Number: (415)

January 22, 1990

Mr. D. Moller
Manager, Operations
Chevron USA
P.O. Box 5004
San Ramon, CA 94583-0804

NOTICE OF VIOLATION

Dear Mr. Moller:

At five current or former Chevron sites in the cities of Oakland, Dublin, and Livermore, the Alameda County Department of Environmental Health, Hazardous Materials Division has determined that there are outstanding violations of the California Health and Safety Code (H&SC) requiring immediate attention. This letter describes these violations, which concern Sec. 25295(a)(1) and Sec. 25298(c)(4) of the H&SC. These violations are failure to report unauthorized releases of a hazardous material, and improper closure of an underground tank system, respectively. This letter does not address any other current or former Chevron sites within Alameda County, which also may have outstanding violations.

This office is the lead agency overseeing all five sites' environmental investigations and cleanups. The Regional Water Quality Control Board (RWQCB) is currently unable to manage the large number of fuel leak cases within Alameda County, and has therefore delegated this authority to our office, including provisions of the California Water Code. Nonetheless, you must continue to keep the Water Board apprised of all actions taken to characterize and remediate contamination, because the Board retains the ultimate responsibility for ensuring protection of waters of the state. The five sites included in this letter will be covered one at a time, beginning below.

1. ~~3701 Broadway, Oakland (former Chevron #9-1026)~~

At this site, five underground storage tanks were removed on April 21, 1988, and significant contamination was found both in soil and groundwater. In a letter dated 9/9/88, you stated that a remediation plan was being developed by Crowley Environmental Services of Oakland. Subsequently, this office has received two quarterly reports from Chevron, dated 8/14/89 and 12/15/89; both indicate that a remediation plan was being prepared. On August 14, 1989, I spoke with Lisa Marinaro of Chevron, USA, who stated that a remediation plan would be submitted to this office by September 1, 1989.

Mr. D. Moller
January 22, 1990
Page 2 of 4

Several inches of product have been found floating on the groundwater at this site, and dissolved TPH levels of as high as 672 ppm have been recorded in the 13 monitoring wells. In addition, levels of benzene up to 30 ppm have been found in the groundwater; thus it is clear that there is significant hydrocarbon contamination beneath the site. Still, no remediation plan has been received to date.

The gasoline discharges have created a continuing condition of groundwater pollution and nuisance that calls for the imposition of a cleanup schedule. Therefore, this site must be remediated according to the following schedule:

- A comprehensive remedial action plan is due in this office no later than February 23, 1990;
- Remediation acceptable to this office must go into operation by May 17, 1990;
- Water level measurements and sampling shall occur during the first quarter of 1990 and every month once remediation begins;
- Written progress reports shall be submitted every three months, with the first such report due on March 1, 1990. The September 1, 1990 report shall include an assessment of the effectiveness of the groundwater remediation system.

2. 7420 Dublin Blvd., Dublin (former Chevron #9-2582)

Underground gasoline tanks were removed from this site on February 16, 1989, and new installations for an independent operator were completed over the summer of 1989. On-site monitoring well EA-3 has yielded dissolved TPH levels of up to 2,300 ppm; the most recent groundwater monitoring results show levels of dissolved hydrocarbons at 110 ppm in the tank pit.

Some contaminated soil was left in place beneath the canopy support structure, because its removal could have caused canopy collapse. A soil venting system was installed prior to the installation and backfilling of new piping.

Bob Foss of Chevron USA has indicated on several occasions that a remediation system is in the works, but months have gone by without diligent actions to ensure that groundwater pollution does not move off site. Because of concern over potential contaminant migration to drinking water wells in the Amador Valley, a remedial plan for this site should be formalized and implemented according to a set timetable. Due dates are shown below.

Mr. D. Moller
January 22, 1990
Page 3 of 4

- A concise remedial action plan, including milestones and timetables, is due in this office by February 23, 1990. It should describe both soil venting/off-gas treatment (indicating the status of a BAAQMD permit, if required), and groundwater extraction/treatment.
- Soil venting/off-gas treatment shall begin operations by April 6, 1990.
- A limited groundwater extraction/treatment operation shall be on line by April 27, 1990.
- Water levels, sampling, and extracted soil gas sampling shall occur as frequently as necessary to monitor the systems' effectiveness, but no less often than quarterly. Quarterly progress reports must be submitted to this office and to the RWQCB, with the first report due June 1, 1990.

3. 5500 Telegraph Ave., Oakland (Chevron #0338)

At this site, old piping was removed on July 7, 1989; soil samples taken from one area of the pipe trench contained up to 800 ppm of hydrocarbons, and levels in soil just above the water table still exceeded 100 ppm. This data indicated the possibility of a significant release of gasoline to groundwater. As a result, in a September 13, 1989 letter to John Randall, Chevron USA, the Division requested a work plan to be submitted for this site within 30 days, and an unauthorized release report within 5 days. Chevron has not responded as of the date of this letter.

Chevron must still supply the information requested in the 9/13/89 letter; an unauthorized release report should be submitted to this office immediately. In addition, three monitoring wells around the trench "hot spot" shall be installed, developed, and sampled by March 9, 1990. We are requesting quarterly sampling and reporting for at least one year.

4. 5509 Martin Luther King, Jr. Way, Oakland (Chevron #1583)

Old piping was removed from this site on December 14, 1989. One soil sample from the trench contained 1,700 ppm TPH and 180 ppm xylene. The sampler encountered the water table before soil hydrocarbons attenuated to below levels of concern. Therefore, the possibility exists for a significant release of gasoline to groundwater, and three monitoring wells must be installed around the point of release. These wells shall be installed, developed, and sampled by April 6, 1990, and then sampled quarterly for at least one year. In addition, an unauthorized release report must be submitted immediately to this office.

Mr. D. Moller
January 22, 1990
Page 4 of 4

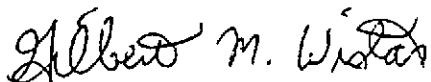
5. 1925 Barcelona St., Livermore (former Chevron #9-7314)

Four underground tanks and associated piping were removed from this site on September 18, 1989. This office has still not received the soil sampling report, which was due 11/18/89. An EA, Engineering Science & Technology report dated 7/5/89 indicates that there was significant soil contamination around the tanks prior to their removal. Thus, an unauthorized release report is due in this office immediately, and soil sampling results and a comprehensive work plan to address soil and potential groundwater contamination must be submitted by February 23, 1990.

Regarding these five sites, copies of all reports or work plans should also be sent to the RWQCB (attention: Lester Feldman). Because we are overseeing this site under the designated authority of the Water Board, this letter constitutes a formal request for technical reports, per Sec. 13267(b) of the California Water Code. Failure to respond in a timely manner could result in civil liabilities under the Water Code of up to \$1,000 per day. Other violations of California law, such as Sec. 25299 of the H&SC, which specifies fines of up to \$5,000 per day, may also be cited.

If you have any questions about this letter or about remediation requirements established by the RWQCB, please contact the undersigned at 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

cc: Doug Krause, DOHS
Lester Feldman, San Francisco Bay RWQCB
Gil Jensen, District Attorney, Alameda County Consumer and
Environmental Protection Division
Rafat Shahid, Asst. Agency Director, Environmental Health
files (5 locations)

Chevron U.S.A. Marketing Facilities
RWQCB Quarterly Summary
4th quarter 1990

Date: 01/12/90

County: ALAMEDA
Engineer: L.A.MARINARO

Chevron facility # 91026 3701 BROADWAY
OAKLAND , CA

Investigation status

Soil status:NOT APPLICABLE
Free hydrocarbon status:IN PROGRESS
Dissolved hydrocarbon status:IN PROGRESS
Investigation released:07/13/88
Next consultant report due:*

Latest consultant report received:01/23/89

Last report submitted to agency:

Investigation complete:

Remediation status

Soil status:NOT APPLICABLE
Free hydrocarbon status:DESIGN/PERMITTING
Dissolved hydrocarbon status:DESIGN/PERMITTING
Type of recovery system:
Remedial action plan due from consultant:*

Construction of clean-up system started:

Clean-up system start-up:

Groundwater monitoring

Monitoring frequency:QUARTERLY
Next report due from consultant:03/17/90 *
Latest report received from consultant:12/20/89
Last report submitted to agency:01/05/90

Next action: AWAITING APPROVAL FROM PROP. OWNER TO PERFORM WORK ON SITE.

* Due date is the date the report is scheduled to be received at Chevron's office. Chevron will take a reasonable amount of time for internal review before a copy of the report will be forwarded to the Regional Board offices.

report name: EREP

CHEVRON U.S.A. MARKETING FACILITIES
RWQCB QUARTERLY SUMMARY
3RD QUARTER 1989

DATE: 10/11/89

10/17/89

COUNTY: ALAMEDA
ENGINEER: L.A.MARINARO

CHEVRON FACILITY # 91026 3701 BROADWAY
OAKLAND , CA Cell

/UINVESTIGATION STATUS

/W

SOIL STATUS:NOT APPLICABLE
FREE HYDROCARBON STATUS:IN PROGRESS
DISSOLVED HYDROCARBON STATUS:IN PROGRESS
INVESTIGATION RELEASED:07/13/88
NEXT CONSULTANT REPORT DUE: *
LATEST CONSULTANT REPORT RECEIVED:01/23/89
LAST REPORT SUBMITTED TO AGENCY:
INVESTIGATION COMPLETE:

/UREMEDIATION STATUS

/W

SOIL STATUS:NOT APPLICABLE
FREE HYDROCARBON STATUS:DESIGN/PERMITTING
DISSOLVED HYDROCARBON STATUS:DESIGN/PERMITTING
TYPE OF RECOVERY SYSTEM:
REMEDIAL ACTION PLAN DUE FROM CONSULTANT: *
CONSTRUCTION OF CLEAN-UP SYSTEM STARTED:
CLEAN-UP SYSTEM START-UP:

/UGROUNDWATER MONITORING

/W

MONITORING FREQUENCY:QUARTERLY
NEXT REPORT DUE FROM CONSULTANT:12/17/89 *
LATEST REPORT RECEIVED FROM CONSULTANT:09/18/89
LAST REPORT SUBMITTED TO AGENCY:10/02/89

NEXT ACTION: AWAITING APPROVAL FROM PROP. OWNER TO PERFORM WORK ON SITE.

* DUE DATE IS THE DATE THE REPORT IS SCHEDULED TO BE RECEIVED AT CHEVRON'S OFFICE. CHEVRON WILL TAKE A REASONABLE AMOUNT OF TIME FOR INTERNAL REVIEW BEFORE A COPY OF THE REPORT WILL BE FORWARDED TO THE REGIONAL BOARD OFFICES.

REPORT NAME: ERPTQUAL

County: ALAMEDA
Engineer: L.A.MARINARO

Chevron facility # 91026 3701 BROADWAY
OAKLAND , CA

Investigation status

Soil status:NOT APPLICABLE
Free hydrocarbon status:NOT APPLICABLE
Dissolved hydrocarbon status:DEFINITION COMPLETE
Investigation released:07/13/88
Next consultant report due: *
Latest consultant report received:01/23/89
Last report submitted to agency:
Investigation complete:

Remediation status

Soil status:NOT APPLICABLE
Free hydrocarbon status:NOT APPLICABLE
Dissolved hydrocarbon status:TO BE DETERMINED
Type of recovery system:
Remedial action plan due from consultant: *
Construction of clean-up system started:
Clean-up system start-up:

Groundwater monitoring

Monitoring frequency:QUARTERLY
Next report due from consultant:09/17/89 *
Latest report received from consultant:06/16/89
Last report submitted to agency:06/28/89

Next action: CHEMPRO TO SUBMIT REMEDIATION PLAN

* Due date is the date the report is scheduled to be received at Chevron's office. Chevron will take a reasonable amount of time for internal review before a copy of the report will be forwarded to the Regional Board offices.

report name: ERPTQUAL

County: ALAMEDA
Engineer: L.A.MARINARO

Chevron facility # 91026 3701 BROADWAY
OAKLAND , CA

Investigation status

Soil status:IN PROGRESS
Free hydrocarbon status:IN PROGRESS
Dissolved hydrocarbon status:IN PROGRESS
Investigation released:07/13/88
Next consultant report due:*Latest consultant report received:01/23/89
Last report submitted to agency:
Investigation complete:

Remediation status

Soil status:DESIGN/PERMITTING
Free hydrocarbon status:DESIGN/PERMITTING
Dissolved hydrocarbon status:DESIGN/PERMITTING
Type of recovery system:
Remedial action plan due from consultant:*
Construction of clean-up system started:
Clean-up system start-up:

Groundwater monitoring

Monitoring frequency:
Next report due from consultant:*
Latest report received from consultant:
Last report submitted to agency:

Next action: CHEMPRO TO SUBMIT REMEDIATION PLAN

* Due date is the date the report is scheduled to be received at Chevron's office. Chevron will take a reasonable amount of time for internal review before a copy of the report will be forwarded to the Regional Board offices.

report name: ERPTQUAL

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

August 8, 1988

Chevron U.S. A., Inc.
2 Annabel Lane
San Ramon, CA 94623

RE: CHEVRON SVC. STATION #91026, 3701 BROADWAY, OAKLAND 94611

Dear Sirs:

In April 1988, the underground tanks located at the subject location were removed. The following information is past due and must be submitted within thirty (30) days:

1. Results of all soil and water testing
2. Copies of all manifests, bills of lading, and tank disposal certificates
3. A written narrative of remedial action taken to date
4. Please complete and submit the form titled "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report." This report must be filed with the Health Agency immediately. A copy is enclosed for your convenience.
5. You will need to obtain professional services from a reputable engineering/consulting firm.

The responsibility of your consultant will be to establish the extent of contamination and provide professional judgment/recommendations, based on scientific data of the necessary remedial actions needed. A plan and time schedule for investigation should be submitted to the agency within 30 days.

The following is a summary of the steps your consultant should take to evaluate the problem.

1. Preliminary Assessment
 - site history
 - results of initial work done
 - proposal for the delineation of the site's contamination

Chevron U.S.A. Inc.
2 Annabel Lane
San Ramon, CA 94583
August 8, 1988
Page 2 of 2

2. Site Investigation

- site geology and hydrogeology
- definition of lateral & vertical extent of contamination, including soil and groundwater
- evaluation of mitigation alternatives

3. Final Remedial Plan

- plans for the removal of soil contaminants and recovery of fuel product & removal of dissolved constituents from the groundwater
- details & time frame for implementing the various remedial phases

Should you have any questions regarding your responsibilities in this matter, please contact Mr. Lowell Miller, Senior Hazardous Materials Specialist at 271-4320.

Sincerely,

R/A SW

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:mam

cc: Don Strough, P.O. Box 28886, Oakland, CA 94604

Enclosure

**STATE
COMPENSATION
INSURANCE
FUND**

P.O. BOX 807, SAN FRANCISCO, CALIFORNIA 94101-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

APRIL 18, 1988

POLICY NUMBER: 571-87 UNIT 0001486
CERTIFICATE EXPIRES: 10-1-88

ALAMEDA COUNTY HEALTH AGENCY
ATTN: STORM GORANSON, DIV OF HAZARDOUS MATERIAL
470 - 27TH ST, ROOM 322
OAKLAND
CA 94612

RECEIVED
APR 10 1988
GOLDEN WEST BUILDERS

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon ten days' advance written notice to the employer.

We will also give you TEN days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.


PRESIDENT

EMPLOYER

GOLDEN WEST BUILDERS, INC
2563 BOULEVARD CIRCLE #103
WALNUT CREEK
CA 94595

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
470 - 27TH ST., RM. 322
OAKLAND, CA 94612
PHONE NO. 415/874-7237

Project # US05631
Fee Paid \$960.00
Date 3-17-88

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name SS # 91026
Business Owner Chevron USA Inc.
2. Site Address 3701 Broadway
City Oakland Zip 94611 Phone 658 2927
3. Mailing Address 2 Annabel Lane
City San Ramon Zip 94583 Phone 838 5000
4. Land Owner Val Strough Chevrolet
Address 3330 Broadway city, state Oakland, Ca. Zip _____
5. EPA I.D. No. _____
6. Contractor Golden West Builders
Address 2363 Boulevard Circle
City Walnut Creek, Ca. Phone 930 6666
License Type A ID# 432103
7. Other (Specify) _____
Address _____
City _____ Phone _____

8. Contact Person for Investigation

Name Bill Barnard Title Engineer
Phone 838 5252

9. Total No. of Tanks at facility 5

10. Have permit applications for all tanks been submitted to this office? Yes [] No []

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter None

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

b) Rinsate Transporter (non-hazardous)

Name Erickson Inc EPA I.D. No. _____
Address 255 Parr Blvd.
city Richmond State Ca. zip 94801

c) Tank Transporter (non-hazardous)

Name Erickson Inc EPA I.D. No. _____
Address 255 Parr Blvd.
city Richmond State Ca zip 94801

d) Contaminated Soil Transporter

Name Erickson Inc. EPA I.D. No. CAD009466392
Address 255 Parr Blvd.
city Richmond State Ca. zip 94801

12. Sample Collector

Name Blaine Tech Services
Company _____
Address 1370 Tully Road Suite 505
city San Jose State Ca. Zip 95122 Phone 408.995.5535

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
10,000	Gasoline	Soil	2' below tank (-13')
10 000	Gasoline	Soil	" " "
10 000	Gasoline	Soil	" " "
1 000	Waste Oil	Soil	" " (-10')
6 000	Gasoline/water	Soil	" " (-13')

14. Have tanks or pipes leaked in the past? Yes [] No []

If yes, describe. leak at Broadway side pump island in 1977.
Also there was an up gradient source detected on site in 1984
that wasn't Chevron's, possibly from former Rainbow Carwash, now gone.

15. NFPA methods used for rendering tank inert? Yes [] No []

If yes, describe. Triple wash and rinse tank to remove
gas, sludge & contamination. Inert tank with Dry ice, 15#
per 1000 gal. capacity

16. Laboratories

Name Anamatrix Inc.

Address 2754 Aiello Dr.

City San Jose State Ca. Zip 95111

State Certification No. _____

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
TOTAL Hydrocarbons B.T.X EB Oil	Sampling method as described in Attachment 3 of Bay Area Water Quality Board Manual on fuel leaks dated 9/85	8020 5030 8010 3550

18. Site Safety Plan submitted? Yes No

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No

Name of Insurer FARMERS INS. copy with city of Oakland

20. Plot Plan submitted? Yes No

21. Deposit enclosed? Yes No

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) Rick Henderson
Signature *Rick Henderson*
Date 3-11-88

Signature of Site Owner or Operator

Name (please type) Chevron USA Inc. by W.H. Barnard
Signature *W.H. Barnard*
Date 3/10/88

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. A copy of your approved plan must be sent to the landowner.

Site Safety Plan

Golden West Builders will have first aid kits, fire extinguishers and respirators on the job site during removal of tanks. There has been 10 test wells drilled and we do not anticipate any unknown high levels of contamination. However we have done an extensive amount of tank removals and are ^{well} prepared as you can be for any unknown surprises. If you have any questions please call me at 930-6666.

^{signature}
Rick Henderson



TRUCK INSURANCE EXCHANGE

INTERIM CERTIFICATE AS TO EVIDENCE OF INSURANCE

THIS IS NOT AN INSURANCE POLICY. THIS IS ONLY A VERIFICATION OF INSURANCE. IT DOES NOT IN ANY WAY AMEND, EXTEND OR ALTER THE COVERAGE PROVIDED BY THE POLICIES LISTED BELOW.

Named Insured . D. BAILEY NEFF
Address . DBA: GOLDEN WEST BUILDERS
 . 2363 BOULEVARD CIRCLE STE. #103
 WALNUT CREEK, CALIFORNIA 94595

	60046 05 91
96 78 335	Policy # - Gen. Liab. 60046 05 91
Agent	Policy # - Auto Liab.
	Policy # - CARGO
	Policy # - Work Comp.

This is to certify that policies for the above named insured are in force as follows:

This Interim Certificate As To Evidence of Insurance shall expire sixty days from 12:01 A. M.,
APRIL 15, 1988, unless cancelled prior to such date by written notice to the named insured.

COVERAGE	COMBINED LIMITS OF LIABILITY																					
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;"><input checked="" type="checkbox"/> COVERED</td> <td style="width: 33%;"><input type="checkbox"/> NOT COVERED</td> <td style="width: 33%;">AUTO LIABILITY</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Owned</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Hired</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Non-Owned</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Employer's Non-Ownership Contingent Liability</td> </tr> </table>	<input checked="" type="checkbox"/> COVERED	<input type="checkbox"/> NOT COVERED	AUTO LIABILITY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Owned	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hired	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Non-Owned	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employer's Non-Ownership Contingent Liability	<p>Bodily Injury \$ _____,000 each person \$ _____,000 each occurrence Property Damage \$ _____,000 each occurrence</p>						
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Single Limit Liability for Coverages checked <input checked="" type="checkbox"/> above	\$ <u>500</u> ,000 each occurrence																					
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<input type="checkbox"/>	<input type="checkbox"/>	WORKERS' COMPENSATION																				
* Includes Goods or Products Warranty, Written Lease of Premises, Easement Agreement, Municipal Ordinance Agreement, Sidetrack Agreement, Elevator or Escalator Maintenance Agreement only, unless accompanied by specific endorsement providing additional Contractual Coverage.																						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><input type="checkbox"/> Described below</td> <td style="width: 15%;"><input checked="" type="checkbox"/> Description waived</td> <td style="width: 70%;"></td> </tr> </table>		<input type="checkbox"/> Described below	<input checked="" type="checkbox"/> Description waived																			
<input type="checkbox"/> Described below	<input checked="" type="checkbox"/> Description waived																					
OWNED AUTO-MOBILES, IF COVERED	YEAR, MAKE, TYPE OF BODY, LOAD CAPACITY	IDENTIFICATION NUMBER																				
	5420 48 64 Umbrella Liability																					
	POLICY NUMBER																					
		\$ <u>10</u> ,000 retained limit \$ <u>3,000,000</u> each occurrence \$ <u>3,000,000</u> aggregate																				

If this Interim Certificate As To Evidence Of Insurance is to be cancelled prior to the expiration date, we shall provide 10 days advance notice in writing to whom this certificate is issued.

Certificate issued to:

Name And Address . ALAMEDA COUNTY HEALTH AGENCY
 . ATTENTION: STORM GORANSON
 . DIVISION OF HAZARDOUS MATERIALS
 . DEPT. OF ENVIRONMENTAL HEALTH
 . 470 - 27TH STREET RM. 322

Earl E. Wellborn
 Countersigned **EARL E. WELLBORN** 4-15-88
 Authorized Representative

** Not Applicable in Texas. OAKLAND, CA. 94612
 *** In Texas the aggregate also applies to owners and contractors protective, contractual and/or completed operations.

A C O R D C E R T I F I C A T E O F I N S U R A N C E

Date 04/19/88

PRODUCER
A. P. Crist & Associates
PO Box 10265
Oakland CA 94610-0265

CSR

This certificate is issued as a matter of information only and confers no rights upon the certificate holder. This certificate does not amend, extend or alter the coverage afforded by the policies below.

COMPANIES AFFORDING COVERAGE

INSURED
Golden West Builders
2363 Boulevard Way #103
Walnut Creek CA 94595

COMPANY LETTER A: Aetna Casualty and Surety
COMPANY LETTER B:
COMPANY LETTER C:
COMPANY LETTER D:
COMPANY LETTER E:

COVERAGES

This is to certify that policies of insurance listed below have been issued to the insured named above for the policy period indicated, notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions, and conditions of such policies.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	EFF DATE	EXP DATE	ALL LIMITS IN THOUSANDS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCURRENCE <input type="checkbox"/> OWNER'S & CONTR. PROTECTIVE <input type="checkbox"/> <input type="checkbox"/>	05ACM525500SCCA	04/21/88	04/21/89	GENERAL AGGREGATE 1000 PRODUCTS-COMP/OPS AGGREGATE 1000 PERSONAL & ADVERTISING INJURY EACH OCCURRENCE 500 FIRE DAMAGE (ANY ONE FIRE) MED EXPENSE (ANY ONE PERSON)
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS <input type="checkbox"/> GARAGE LIABILITY <input type="checkbox"/>	05FJ798705CCA	04/21/88	04/21/89	CSL 500, BODILY INJURY (PER PERSON) BODILY INJURY (PER ACCIDENT) PROPERTY DAMAGE
A	EXCESS LIABILITY <input checked="" type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM	05XS546633WCA	04/21/88	04/21/89	EACH OCCURRENCE 3000 AGGREGATE 3000
	WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY		/ /	/ /	STATUTORY (EACH ACCIDENT) (DISEASE-POLICY LIMIT) (DISEASE-EACH EMPLOYEE)
A	OTHER Equipment	05ACM5255005FCA	04/21/88	04/21/89	\$100,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/RESTRICTIONS/SPECIAL ITEMS

CERTIFICATE HOLDER
Alameda City Health Agency
Dept of Environmental Health
470 27th Street #322
Oakland Ca 94612

CANCELLATION
Should any of the above described policies be cancelled before the expiration date thereof the issuing company will endeavor to mail 10 days written notice to the certificate holder named to the left, but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives.
AUTHORIZED REPRESENTATIVE *APCrist*

470 - 27TH ST., RM. 322

OAKLAND, CA 94612

PHONE NO. 415/874-7237

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th St., Oakland, CA 94612

These plans have been accepted by this Department and to the Department to determine if such plans meet the requirements of State and local laws.

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These plans must be on the job and read by the contractor and craftsmen involved with the project for construction.

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THERE IS A PERMIT ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, Oakland, CA 94612
Telephone: (415) 874-7237

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UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

- 1. Business Name SS # 91026
Business Owner Chevron USA Inc.
- 2. Site Address 3701 Broadway
City Oakland Zip 94611 Phone 658 2927
- 3. Mailing Address 2 Annabel Lane
City San Ramon Zip 94583 Phone 838 5000
- 4. Land Owner Val Strough Chevrolet
Address 3330 Broadway City, State Oakland, Ca. Zip _____
- 5. EPA I.D. No. _____
- 6. Contractor Golden West Builders
Address 2363 Boulevard Circle
City Walnut Creek, Ca. Phone 930 6666
License Type A ID# 432103
- 7. Other (Specify) _____
Address _____
City _____ Phone _____

NO PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

3. Contact Person for Investigation

Name Bill Barnard Title Engineer

Phone 838 5752

9. Total No. of Tanks at facility 5

10. Have permit applications for all tanks been submitted to this office? Yes [] No []

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter None

Name _____ EPA I.D. No. _____

Address _____

City _____ State _____ Zip _____

b) Rinsate Transporter

Name Erickson Inc EPA I.D. No. CAD0009466392

Address 255 Parr Blvd.

city Richmond State Ca. Zip 94801

c) Tank Transporter

Name Erickson Inc EPA I.D. No. CAD0009466392

Address 255 Parr Blvd.

city Richmond State Ca Zip 94801

d) Contaminated Soil Transporter

Name Erickson Inc. EPA I.D. No. CAD0009466392

Address 255 Parr Blvd.

City Richmond State Ca. Zip 94801

12. Sample Collector

Name Blaine Tech Services

Company _____

Address 1370 Tully Road Suite 505

city San Jose State Ca. Zip 95122 Phone 408-995-5535

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
10,000	Gasoline	Soil	2' below tank (-13')
10 000	Gasoline	Soil	" " "
10 000	Gasoline	Soil	" " "
1 000	Waste Oil	Soil	" " (-10')
6000	Gasoline/water	Soil	" " (-13')

14. Have tanks or pipes leaked in the past? Yes [] No []

If yes, describe. leak at Broadway side pump island in 1977.
Also there was an upgradient source detected on site in 1984
that wasn't Chevron's, possibly from former Rainbow Carwash, now gone.

15. NFPA methods used for rendering tank inert? Yes [] No []

If yes, describe. Triple wash and rinse tank to remove
gas, sludge & contamination. Inert tank with Dry ice, 15*
per 1000 gal. capacity

16. Laboratories

Name Anamatrix Inc.

Address 2754 Aiello Dr.

city San Jose State Ca. zip 95111

State Certification No. _____

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
Gasoline: 4 Tanks, 2 samples Per tank	CRWQCB Region 2 Guidelines for standard interface sampling & collection dated 9/85 EPA 5020	Total volatile hydrocarbons modified EPA 8015 GC-FID-PID
Waste Oil: 1 tank, 1 sample for tank smaller than 1000 gals. otherwise - 2	Solvent extraction	Total Oil & Grease EPA 503E Total hydrocarbons heavy & light Modified EPA 8015, G.C.

18. Site Safety Plan submitted? Yes No

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No

Name of Insurer _____

20. Plot Plan submitted? Yes No

21. Deposit enclosed? Yes No

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) Rick Henderson

Signature *Rick Henderson*

Date 4-19-88

Signature of Site Owner or Operator

Name (please type) Chevron USA Inc. by W.H. Barnard

Signature *W.H. Barnard*

Date 3/10/88

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. A copy of your approved plan must be sent to the landowner.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)

INSTRUCTIONS

2. SITE ADDRESS

Address at which closure or modification is taking place.

5. EPA I.D. NO.

This number may be obtained from the State Department of Health Services, 916/324-1781.

6. CONTRACTOR

Prime contractor for the project.

7. OTHER

List professional consultants here.

12. SAMPLE COLLECTOR

Persons who are collecting samples.

13. SAMPLING INFORMATION

Historic contents - the principal product(s) used in the last 5 years.

Material sampled - i.e., water, oil, sludge, soil, etc.

16. LABORATORIES

Laboratories used for chemical and geotechnical analyses.

17. CHEMICAL METHODS:

All sample collection methods and analyses should conform to EPA or DHS methods.

Contaminant - Specify the chemical to be analyzed.

Sample Preparation Method Number - The means used to prepare the sample prior to analyses - i.e., digestion techniques, solvent extraction, etc. Specify number of method and reference if not an EPA or DHS method.

Analysis Method Number - The means used to analyze the sample - i.e., GC, GC-MS, AA, etc. Specify number of method and reference if not a DHS or EPA method.

NOTE:

Method Numbers are available from certified laboratories.

18. SITE SAFETY PLAN

A plan outlining protective equipment and additional specialized personnel in the event that significant amount of hazardous materials are found. The plan should consider the availability of respirators, respirator cartridges, self-contained breathing apparatus (SCBA) and industrial hygienists.

19. ATTACH COPY OF WORKMAN'S COMPENSATION

20. PLOT PLAN

The plan should consists of a scaled view of the facility at which the tank(s) are located and should include the following information:

- a) Scale
- b) North Arrow
- c) Property Line
- d) Location of all Structures
- e) Location of all relevant existing equipment including tanks and piping to be removed
- f) Streets
- g) Underground conduits, sewers, water lines, utilities
- h) Existing wells (drinking, monitoring, etc.)
- i) Depth to ground water
- j) All existing tanks in addition to the ones being pulled

1/88

LEAK/SPILL INCIDENT UPDATE CONTINUED

Page: 4

Division: WEST CENTRAL Incident Date: 3/11/83 HQID #: _____

Div ID #: SS 91026

CURRENT STATUS

Date: January 1986

Product layer remaining at less than 1". Monitoring and Bailing to continue.

February 1986

Three centrally located wells are showing increases in the amount of free floating product not exceeding 1½ inches.

Monitoring and bailing to continue.

March 1986 - One centrally located well showing increase in the amount of free floating product not exceeding 2 inches. Two other wells decreased to 1/8" inch or trace of free floating product.

Monitoring and bailing to continue.

LEAK/SPILL INCIDENT UPDATE CONTINUED

Page: 3

Division: West Central Incident Date: 3-11-83 HQID #: _____

Div ID #: SS 91026

CURRENT STATUS

Date: Sep 1984

Seven wells all located on our property were showing varying amounts of free product ranging from 1/64" to 1". Monitoring and bailing to continue.

Oct 1984 - No change.

Nov 1984 - No change.

Dec 1984 - No change.

Jan 1985 - No change.

Feb 1985 - No change.

Mar 1985 - No change.

Apr 1985 - No change.

May 1985 - Three of the same seven centrally located wells are showing increases in the amount of free floating product not exceeding 9 inches in depth and black in color. Down gradient wells continue to show no signs of free floating product. Monitoring and bailing to continue.

June 1985 - Bailing has reduced the free floating product layer which had appeared in three centrally located wells during May to less than 6 inches. Down gradient wells continue to show no signs of free floating product. Monitoring and bailing to continue.

July 1985 - Bailing has reduced the product layer which appeared in 3 centrally located wells to less than 3 inches. Down gradient wells continue to show no product. Monitoring and bailing to continue.

August 1985 - Bailing has reduced the product layer which appeared in 3 centrally located wells to less than 2 inches. Down gradient wells still clean. Monitoring, bailing to continue.

September 1985 - Product layer remaining at less than 2" - monitoring. Bailing to continue.

October 1985 -- Product layer remaining less than 2" -- monitoring bailing to continue.

November 1985 - Product layer in same wells remaining less than 2" - Monitoring and bailing to continue.

December 1985 - Product layer reduced to less than 1". Monitoring and bailing to continue.

LEAK/SPILL INCIDENT UPDATE CONTINUED

Page: 2

Division: West Central Incident Date: 3-11-83 HQID #: _____

Div ID #: SS 91026

CURRENT STATUS

Date: ~~April~~ 1984

Same three wells are still showing varying amounts of free product, not exceeding 3" in depth. This product was tested and confirmed to be non-Chevron product. In regards to gasoline entering Glen Cove Creek, we discovered that the adjacent service station (car wash) had a dispenser knocked over by a car. According to employees, a large quantity of gasoline was spilled; this incident took place about the same time that the EPA received a report of the product at Glen Cove. This information was reported to the EPA and they will be investigating. We believe this was the source of product that entered the creek and the product that is being found in our monitoring wells has not migrated off our site.

May 1984

No change. The EPA has been backlogged in their workload and has not pursued the investigation any further.

Jun 1984

Three wells continue showing varying amounts of free product, not exceeding 1" in depth. Weekly monitoring and bailing to continue. CRC has compared samples collected from the storm drain, Chevron product tanks, and the car wash product tanks. Results show one of the storm drain samples closely resembles the car wash gasoline. The other storm drain sample does not resemble Chevron or the car wash gasoline but appears to be some type of solvent. The EPA has been notified of the results of this testing.

Jul 1984

Same 3 wells continue showing varying amounts of free product not exceeding 3/4" in depth. Weekly monitoring and bailing to continue.

Aug 1984

Same 3 wells and two additional down gradient perimeter wells are showing varying amounts of free product not exceeding 3/4" in depth. The perimeter wells are not in the direction of the storm drain. Weekly monitoring and bailing to continue.

(X) (X) (X)
A III
ATP

LEAK/SPILL INCIDENT UPDATE

Division: West Central HQID #: _____
Incident Date: 3-11-83 Div. ID #: _____
Close Date: _____ Leak - On Leak - Off Spill
Type of Facility: SS 91026 Product: Supreme
Name & Address: Chevron Estimated Gallons Lost: Unknown
3701 Broadway Estimated Gallons Recovered
Oakland, CA / Alameda This Month: _____ To Date: 151

Description: A review of loss/gain records indicates no loss of product. A test detected a leaking tank. All tanks and lines have been replaced. Free product was detected in the tank hole excavation. Monitoring and bailing continues-

CURRENT STATUS

Date: Jan 1984

Status: On 1/24;84 four wells revealed product (7½", 3", 2" and a trace). Three gallons of product were recovered. Monitoring and bailing will continue at an increased frequency.

Feb 1984

A perimeter well is showing 3/4" of free product. Two other centrally located wells are showing traces. Weekly monitoring and bailing to continue.

Mar 1984

The same 3 wells are showing increasing amounts of free product varying from 0" to 10". Remaining ten wells are showing no free product. The EPA has discovered and contained approximately 100-200 gallons of hydrocarbon in Glen Cove creek. They removed samples from our test wells which their laboratory analysis matched with the free product found in the creek. We have collected samples and are currently running our own analysis. Product appeared to have entered through cracks in a nearby storm drain. Currently, no product is entering the creek. Further investigation to determine where the product came from is in progress.

SPILL/LEAK REPORTING FORM

Rev. 8/2/84

TO: Toxics Cleanup Division
RWQCB, Rm. 6040
1111 Jackson St.
Oakland, CA 94607

Report Date: ___/___/___ Reported By: _____

Facility Name: Chevron Facility Address: 3701 Broadway, Oakland, CA

Facility Contact: _____ Phone: () _____

Owner: Chevron Address: 2 Annabel Lane, Suite 200 San Ramon, CA 94583

Contact: John Randall Phone: (415) 838-5339

Date Discovered: 3/11/82 Date Started: ___/___/___

How Detected: Tank Removal ___ Routine Monitoring X Other _____

Chemicals: Supreme Gasoline (Leaded) Max. Concentration: FP

Est. Vol. Lost: Unknown Est. Method: _____

Tank Age: _____ Tank Volume: _____ Tank Material: _____

Pressure Test: Tank Leak Piping _____ Leak Stopped: Yes

Contamination Defined: Soil NO Floating Product NO

Local Wells Sampled: No

Monitoring Well Data: FP Product Plume Cleanup: Yes

Vapor Check (Y/N): _____ Results: Storm Drains ___ Sewers ___
Utility Vaults ___ Bldgs ___
Other _____

Other Agencies Notified: EPA

Status and Proposed Activities: Increasing amount of free product detected
Further investigation to determine the source of
the free product is in progress. Monitoring and bailing
continuing.