

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



01-2402

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

January 22, 2002

Tom Bauhs, Project Manager
Chevron USA, Inc.
Site Assessment & Remediation
6001 Bollinger Canyon Rd., V1132
PO Box 6004
San Ramon, CA 94583-0904

Dear Mr. Bauhs:

Subject: Former Chevron Service Station #9-9708, 5910 MacArthur Blvd., Oakland, CA;
RO0000124

"Interim Corrective Action (ICA) Evaluation" dated January 2, 2002 by Delta Environmental Consultants, Inc., and "2nd Quarter Event of June 19, 2001" dated July 19, 2001 by Gettler-Ryan, Inc., for the facility referenced were reviewed. The ICA evaluation determined that no significant benefit was realized from this activity and recommended discontinuation of ICA activities. We concur. Groundwater monitoring results from September 18, 2001 samples from wells MW-1, MW-2, MW-3, and MW-4, were also reported. All wells were sampled for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, xylene (BTEX), and methyl tertiary-butyl ether (MTBE). MW-3 was additionally sampled for TPH as diesel (TPH-D) and volatile organic compounds (VOC). Results were consistent with recent samples with the following exceptions: MW-3 had the highest TPH-D concentration, 4,800 ug/l, since sampling was initiated in 1997. MW-3 was below the detection limit for all other analytes. The 1,2-dichloroethane (1,2-DCA) concentration from MW-3 was below the detection limit, <2 ug/l. However, the detection limit exceeds the maximum contaminant level (MCL) of 0.5 ug/l. MW-4 was below the detection limit for all analytes. MW-1's concentrations for TPH-G, BTEX, and MTBE, were 200, 32, 0.55, 3, <1.5, and 1,600 ug/l. The MTBE concentration was much higher than the previous quarter's 110 ug/l, which was also much lower than other recent quarters. MW-2's concentrations were 1,700, 42, 1.9, 2, 2.9, and 280 ug/l, respectively.

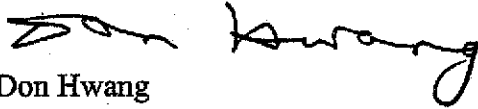
"2nd Quarter Event of June 19, 2001" dated July 19, 2001 by Gettler-Ryan, Inc., reported the sampling of MW-1, MW-2, MW-3, and MW-4, on June 19, 2001 for TPH-G, BTEX, and MTBE. MW-3 was additionally sampled for TPH-D and VOC. Constituent concentrations were low or nondetectable for all wells. Constituent concentrations were consistent with recent

Mr. Bauhs
January 22, 2002
Page 2 of 2

samples with the following exceptions: MW-1's MTBE concentrations decreased to 110 ug/l from 1,570 to 6,030 ug/l found since 1999. The 1,2-DCA concentration from MW-3 was below the detection limit, <1.6 ug/l. However, the detection limit exceeds the MCL of 0.5 ug/l. MW-3's TPH-D of 120 ug/l was less than the 690 to 2,700 found since sampling started in 1997. MW-4 exhibited detectable concentrations of 210 ug/l TPH-G, 7.6 ug/l benzene, 1.4 ug/l toluene, and 10 ug/l MTBE, whereas the previous 4 samples collected in 2000 were nondetectable for all constituents.

Future analyses of 1,2-DCA need detection limits at or below 0.5 ug/l, the MCL. The two additional downgradient wells proposed in the ICA dated June 30, 2000 still have not been installed but installation is anticipated during the first quarter of 2002. The sanitary sewer and storm drain were identified as possible pathways for dissolved and vapor phase petroleum hydrocarbons. Again, you may consider using EPA Method 8260 to confirm the presence of MTBE and other oxygenates for groundwater samples from monitoring well MW-1. If you have any questions, call me at (510) 567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist

u
C: Todd Del Frate, Delta Environmental Consultants, Inc., 3164 Gold Camp Dr., Suite 200,
Rancho Cordova, CA 95670-6021

File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



1-27-01

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

November 26, 2001

Tom Bauhs, Project Manager
Chevron USA, Inc.
Site Assessment & Remediation
6001 Bollinger Canyon Rd., V1132
PO Box 6004
San Ramon, CA 94583-0904

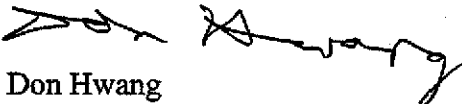
Dear Mr. Bauhs:

Subject: Former Chevron Service Station #9-9708, 5910 MacArthur Blvd., Oakland, CA;
RO0000124

"Sensitive Receptor Survey Report" dated August 1, 2001 and "Interim Corrective Action" dated August 6, 2001 by Gettler-Ryan, Inc., were reviewed. These reports documented the implementation of some of the items proposed in the Interim Corrective Action Plan (ICAP) dated June 30, 2000. The sanitary sewer and storm drain were identified as possible pathways for dissolved and vapor phase petroleum hydrocarbons. Hydrocarbon impacted groundwater was extracted from monitoring wells MW-1 and MW-2. An evaluation of the extraction activities will be included with the next quarterly groundwater monitoring results.

The two additional downgradient wells were not installed. Indicate when they will be installed. If you have any questions, please call me at (510) 567-6746.

Sincerely,


Don Hwang
Hazardous Materials Specialist

u
C: Todd Del Frate, Steven Meeks, Brett Bardsley, Gettler-Ryan, Inc., 3164 Gold Camp Dr., Suite 200, Rancho Cordova, CA 95670-6021

File

ALAMEDA COUNTY
HEALTH CARE SERVICES

July 13, 2001

AGENCY
DAVID J. KEARS, Agency Director



07-16-01

Tom Bauhs, Project Manager
Chevron USA, Inc.
Site Assessment & Remediation
6001 Bollinger Canyon Rd., V1132
PO Box 6004
San Ramon, CA 94583-0904

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

Dear Mr. Bauhs:

Subject: Former Chevron Service Station #9-9708, 5910 MacArthur Blvd., Oakland, CA;
RO0000124

"1st Quarter Event of March 1, 2001" dated April 18, 2001 by Gettler-Ryan, Inc., for the facility referenced was reviewed. Monitoring wells MW-1, MW-2, and MW-3, were sampled on March 1, 2001 for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, xylene (BTEX), and methyl tertiary-butyl ether (MTBE). Monitoring well MW-3 was additionally sampled for TPH as diesel (TPH-D) and volatile organic compounds (VOC). Monitoring well MW-4 was inaccessible for sampling. Constituent concentrations were consistent with recent samples. The MTBE concentration in monitoring well MW-1 was 3,360 ug/l. Monitoring well MW-2's MTBE concentration was 245 ug/l. The concentrations for the other constituents found in monitoring wells MW-1 and MW-2 were low or nondetectable. Monitoring well MW-3's TPH-D was 1,060 ug/l. The 1,2-dichloroethane (1,2-DCA) concentration of 0.528 ug/l for monitoring well MW-3 exceeded the maximum contaminant level (MCL) of 0.5 ug/l. The concentrations for the other constituents found in monitoring well MW-3 were low or nondetectable.

The Interim Corrective Action Plan (ICAP) dated June 30, 2000 which proposed 2 additional wells further downgradient, a sensitive receptor survey, and over-purging of monitoring well MW-1, has not been implemented. To delineate the extent of the contamination for TPH-D and VOC, these contaminants need to be included for monitoring wells MW-1, MW-2, and MW-4, as well as the proposed wells. Again, you may consider using EPA Method 8260 to confirm the presence of MTBE and other oxygenates for groundwater samples from monitoring well MW-1. If you have any questions, call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

u

C: Deanna Harding, Gettler-Ryan, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 9-15-2000

20124

September 15, 2000

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

Tom Bauhs, Project Manager
Chevron USA, Inc.
Site Assessment & Remediation
6001 Bollinger Canyon Rd., Bldg. L
P.O. Box 6004
San Ramon, CA 94583-0904

Dear Mr. Bauhs:

Subject: Former Chevron Service Station #9-9708, 5910 MacArthur Blvd., Oakland, CA;
StId 871

"Interim Corrective Action Plan (ICAP)" dated June 30, 2000 by Delta Environmental Consultants was reviewed. ICAP proposed 2 additional wells further downgradient, a sensitive receptor survey, and over-purging of monitoring well MW-1. ICAP is acceptable.

You may consider using EPA Method 8260 for Methyl Tertiary-Butyl Ether (MTBE) and other oxygenates for groundwater samples from monitoring well MW-1.

If you have any questions, call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: Will Speth; Delta Environmental Consultants, Inc.; 3164 Gold Camp Dr., Suite 200,
Rancho Cordova, CA 95670

file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 6-5-2000

RO124

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

June 2, 2000

Tom Bauhs, Project Manager
Chevron USA, Inc.
Site Assessment & Remediation
6001 Bollinger Canyon Rd., Bldg. L
P.O. Box 6004
San Ramon, CA 94583-0904

Re: Former Chevron Service Station #9-9708, 5910 MacArthur Blvd., Oakland, CA;
StId 871

Dear Mr. Bauhs:

This office has reviewed the 4th quarter 1999 groundwater monitoring report dated March 13, 2000 and the 1st quarter 2000 groundwater monitoring report dated April 24, 2000 by Blaine Tech Services, Inc., for the above noted facility. The March 1, 2000 sample from MW-1 was significantly higher for all constituents compared to the December 8, 1999 sample and prior samples. Total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, xylene (BTEX), and methyl tertiary-butyl ether (MTBE) were 2580 ug/l, 481ug/l, 6.84 ug/l, 86.6 ug/l, 41.9 ug/l, and 5460 ug/l, respectively. The March 1, 2000 and December 8, 1999 samples from MW-2 were nondetectable (ND) except for MTBE on March 1, 2000 at 254 ug/l, benzene on March 1, 2000 and December 8, 1999 at 6.92 and 2.74 ug/l, respectively, and TPH-G at 96.8 ug/l. The March 1, 2000 and December 8, 1999 samples from MW-3 and MW-4 were ND for all constituents.

Your request for an extension until July 1, 2000 to submit a Corrective Action Plan, which includes an assessment of impacts, a feasibility study, and applicable cleanup levels, is accepted.

If you have any questions, call me at (510) 567-6746.

Sincerely,


Don Hwang
Hazardous Materials Specialist


C: file

Sent 12/17/99
Including CC's

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

20124

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

December 17, 1999

Brett Hunter, Project Manager
Chevron USA, Inc.
Site Assessment & Remediation
6001 Bollinger Canyon Rd., Bldg. L
P.O. Box 6004
San Ramon, CA 94583-0904

Re: Former Chevron Service Station #9-9708, 5910 MacArthur
Blvd., Oakland, CA; STID 871

Dear Mr. Hunter:

This office has reviewed the 3rd quarter 1999 groundwater monitoring report dated December 1, 1999 by Blaine Tech Services, Inc., for the above noted facility. The September 29, 1999 sample from MW-1 contained 647 PPB total petroleum hydrocarbons as gasoline (TPH-G), 167 PPB benzene, <2.5 PPB toluene, 58.6 PPB ethyl benzene, 14.8 PPB xylene (BTEX), and 1570 PPB methyl tertiary-butyl ether (MTBE). The September 29, 1999 sample from MW-2 contained 2000 PPB total petroleum hydrocarbons as gasoline (TPH-G), 320 PPB benzene, 10.4 PPB toluene, 16.5 PPB ethyl benzene, 20.3 PPB xylene (BTEX), and 642 PPB MTBE. The results were within the range of previous samples from these wells.

You indicated that you did not plan to use ORC and instead would submit an alternative proposal. A Corrective Action Plan, which includes an assessment of impacts, a feasibility study, and applicable cleanup levels, is required. Submit a Corrective Action Plan, which incorporates your findings within 30 days.

If you have any questions, call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: file
19.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R024

June 15, 1999

STID 871

Philip R. Briggs
Chevron products Company
6001 Bollinger Canyon Rd.
San Ramon, CA 94583

ENVIRONMENTAL HEALTH SERVICES

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

RE: 5910 MacArthur Blvd., Oakland, CA 94605

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Briggs:

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.

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:

LANDOWNER NOTIFICATION

Re: 5910 MacArthur Blvd., Oakland, CA 94605

June 15, 1999

Page 2 of 2

- 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) 567-6782 should you have any questions about the content of this letter.

Sincerely,



Thomas Peacock, Manager
Environmental Protection Division

Attachments

c. Chuck Headlee, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0#124

January 15, 1999

STID 871

Phil Briggs
Chevron U S A Inc.
P. O. Box 5004
San Ramon, CA 94583-0904

re: Chevron Station, 5910 MacArthur Blvd., Oakland, CA 94605

Dear Mr. Briggs:

This office has received and reviewed a Quarterly Groundwater Monitoring Report dated October 15, 1998 by Gettler-Ryan Inc, with your cover letter dated October 30, 1998. The following comments concern this report:

1. The level of contamination in MW-2 is still very high, with MTBE levels of 1,300 ppb when tested using EPA 8260. Although the level declined from the previous quarter, this is not significant in relationship to the levels since 06/04/97 when it was at 2,100 ppb. Without a down gradient well it is not known what is happening to this contamination. Where is it going?
2. The workplan is acceptable. You say that implementation will begin upon regulatory approval. This should be within at least 60 days. Please call this office at least 3 days prior to implementation of the field portion of the workplan. I guess the previous approval crossed in the mail.

You may contact me at (510) 567-6782 if you have any questions regarding this letter.

Sincerely,

Thomas Peacock, Manager
Environmental Protection Division

c: Dick Pantages, Chief – **Files-Tom**
LeRoy Griffin, City Of Oakland Hazardous Materials

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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0#124

November 12, 1998

STID 871

Phil Briggs
Chevron U S A Inc.
P. O. Box 5004
San Ramon, CA 94583-0904

ENVIRONMENTAL HEALTH SERVICES

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

re: Chevron Station, 5910 MacArthur Blvd., Oakland, CA 94605

Dear Mr. Briggs:

This office has received and reviewed a Quarterly Groundwater Monitoring Report dated July 31, 1998 by Gettler-Ryan Inc, with your cover letter, and a work plan dated August 25, 1998, also by Gettler-Ryan Inc. The following comments concern this report and the workplan:

1. The level of contamination in MW-2 is still very high, with MTBE levels of 4,000 ppb when tested using EPA 8260. Although the level declined from the previous quarter, this is not significant in relationship to the levels since 06/04/97 when it was at 2,100 ppb.
2. The workplan is acceptable. You say that implementation will begin upon regulatory approval. This should be within at least 60 days. Please call this office at least 3 days prior to implementation of the field portion of the workplan.

You may contact me at (510) 567-6782 if you have any questions regarding this letter.

Sincerely,

Thomas Peacock, Manager
Environmental Protection Division

c: Dick Pantages, Chief - Files-Tom
LeRoy Griffin, City Of Oakland Hazardous Materials

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0724

June 26, 1998

STID 871

Phil Briggs
Chevron U S A Inc.
P. O. Box 5004
San Ramon, CA 94583-0904

ENVIRONMENTAL HEALTH SERVICES

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

re: Chevron Station, 5910 MacArthur Blvd., Oakland, CA 94605

Dear Mr. Briggs:

This office has received and reviewed a Quarterly Groundwater Monitoring Report dated April 22, 1998 by Gettler-Ryan Inc. The following comments concern this report:

1. The level of contamination in MW-2 is very high, with MTBE levels of 7,100 ppb when tested using EPA 8260. This well is downgradient of the dispenser islands and also is the downgradient well on the site.
2. This situation requires further investigation in the downgradient direction to assess the lateral extent of contamination. You are required to submit a workplan for further investigation within 60 days

You may contact me at (510) 567-6782 if you have any questions regarding this letter.

Sincerely,

Thomas Peacock, Manager
Environmental Protection Division

c: Dick Pantages, Chief - Files-Tom
LeRoy Griffin, City Of Oakland Hazardous Materials

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0124

RAFAT A. SHAHID, Assistant Agency Director

STID # 871
December 12, 1994

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

Ms. Kathy Norris
Marketing Assistant
Chevron USA, Products Company
P.O. Box 5004
San Ramon, California 94583

Re: **FIVE YEAR UNDERGROUND TANK PERMIT AT CHEVRON # 99708,
5910 MACARTHUR BLVD., OAKLAND, CA 94602**

Dear Ms. Norris:

Please find enclosed a **five year underground storage tank permit certificate**. This permit is being issued for the site noted above, contingent upon the facility's compliance with all applicable underground tank monitoring requirements. These conditions are described in the revised Title 23, California Code of Regulations (C.C.R.) which became effective May 5, 1994. In order to maintain a valid permit, any deficiencies noted on the final underground tank inspection report or subsequent inspections, must be corrected. Below is a summary of your monitoring requirements and options for your facility:

1. Sections 2645 and 2646 - Inventory Reconciliation

- a) Record the daily variation by inventory reconciliation. This is the difference between the measured inventory in the tank and the calculated inventory. The calculated inventory shall be determined by adding the fuel inputs from deliveries and subtracting the day's sales withdrawals. The deliveries are added to the gallons measured at the end of the previous day. **The number of gallons sold is calculated from the pump meter, and subtracted from the physically measured inventory of the day before.**

Meters or gauges used to measure in the tank inventory must be approved by this office. Commercial gauges and measuring devices should meet the standards in Title 4, Chapter 9, of the California Code of Regulations (C.C.R.) and be inspected by the County Department of Weights and Measures.

At facilities where the highest anticipated groundwater may rise to less than 20 feet below the bottom of the tank Statistical Inventory Reconciliation (SIR-method) is required. This method

Page 2 of 4
Ms. Norris
December 1, 1994

requires the daily inventory reconciliation data to be evaluated by a third party certified statistical analyst.

For manual inventory reconciliation your daily variations shall be summed for a period of one month. If monthly variations exceed one (1%) per cent of the monthly tank deliveries plus 130 gallons, a leak may be suspected. You must notify this office and investigate as to the cause of excess variations within 24 hours.

- b) Submit an annual statement to this office which states that all inventory reconciliation data are within allowable limits or list the times and corresponding variations when allowable limits were exceeded. This statement shall be executed under penalty of perjury.
- c) Weekly tank gauging is allowable for small tanks with a total system capacity of 2000 gallons or less and can be taken out of service for at least 48 to 72 continuous hours each week. Proper measurements of the tank volume must be taken at the beginning and end of the gauging period. No product shall be added to the tank for a 12 hour period preceding the gauging period. The variation between the beginning and ending measurements shall not exceed the weekly or monthly standards set forth in table 4.1 of Title 23 C.C.R..

2. Section 2643 - Non-visual Monitoring

- a) Monitoring of pressurize piping shall be conducted at least hourly, and shall be capable of alerting the operator when a leak occurs or a leak rate calculated at three gallons per hour at 10 p.s.i. exists; **and**

Annual piping system integrity testing shall be conducted which is capable of detecting a minimum release of 0.1 gallon per hour at one and a one half (1.5) times normal operating pressure.

- b) Annual tank volumetric integrity testing shall be conducted which is capable of detecting a release of 0.1 gallon per hour at or above the maximum product level of the tank. **Or**
- c) Conduct one of the following monthly automatic tank gauging

Page 3 of 4
Ms. Norris
December 1, 1994

procedures:

- 1) Once per calendar month after the tank filled to within 10% of the highest operating level with the capability of detecting a release of 0.2 gallon per hour.
- 2) Automatic tank gauge plus manual inventory reconciliation. Provided the gauge is capable of detecting a release of 0.1 gallon per hour during testing and product level in the tank is at least 3 feet.

Tank gauging equipment must have a 95% probability of detection and not more than a 5% probability of false alarm. In addition, it shall generate a hard copy of all data reported, including time and date; tank identification; fuel depth; water depth; temperature; liquid volume; the time automatic tank gauging is performed and duration of test; the calculated leak rate; leak threshold and hourly temperature corrected volume data during the automatic tank test.

Automatic Liquid Level gauging devices must be approved by the State Water Resources Control Board. All certified integrity testing procedures and monitoring equipment are listed in the Board's guidance letter LG-113.

3. Section 2663 - Overfill Prevention

- a) Onsite personnel or the operator's agent must ensure that the volume of product or waste oil to be transferred into the tank does not exceed the remaining tank capacity before the transfer is made. Also the transfer process must be watched to prevent overfilling and spilling.
- b) Tank systems must maintain their spill container or upgrade by Dec. 22, 1998 to provide an approved spill container in good repair. Each spill container shall meet the requirements specified in section 2635 (b), of Title 23, (C.C.R.).

4. Section 2643 et. seq., Non-Visual Monitoring

- b) Maintain the monitoring equipment in good repair and service in accordance with the manufacturer's instruction.

Page 4 of 4
Ms. Norris
December 1, 1994

In a written plan, describe the training needed or the operation of both the tank system and monitoring equipment. Maintain the plan on site for review.

5. Section 2712 - Permit Conditions

- a) Retain all monitoring and maintenance records on-site or at a readily available location off-site, if approved by this agency, for a period of at least 3 years. These records must be made available, upon request within 36 hours, to the local agency or the Regional Water Quality Control Board.

The above listed requirements reflect the information currently on file and may not include deficiencies disclosed during routine inspections or changes that will result from tank and piping upgrading required by December 22, 1998. According to our most recent records, there are three 10,000 gallon fuel tanks on site.

These tanks were reported as being single-walled fiberglass with single-wall piping. Spill basins are not present at the fill risers. Therefore your permit will expire December 22, 1994, unless secondary containment is installed and the tank system construction material is verified.

If you do not monitor by the program described above. Be advised your program must be approved and implemented as described for tanks and pipelines in the revised Title 23, C.C.R.. Please send a letter to this office notifying us of any changes in the monitoring methods.

Consult the revised Title 23, C.C.R. regarding any additional requirements. To obtain a copy of the regulations, you may contact the State Water Resources Control Board at 916-227-4303

Should you have any questions or concerns regarding the contents of this letter, please call me at 510-567-6700.

Sincerely,



Kevin Tinsley
Hazardous Materials Specialist

cc: Edgar Howell, Chief (files - kt)
Ricardo Tan, Station operator

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO124

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

November 15, 1991

Mr. Mike Vomund
Chevron USA, Inc.
P.O. Box 5004
San Ramon, CA 94583

SUBJECT: FIVE YEAR UNDERGROUND STORAGE TANK OPERATING PERMIT
5910 MacArthur Blvd., Oakland, CA 94605

Dear Mr. Vomund:

Please find enclosed a five year underground storage tank permit to operate three single walled tanks with single walled pressure piping at the subject facility. To operate under a valid permit, you are required to comply with the conditions as described in the revised Title 23, California Code of Regulations (CCR) adopted effective August 9, 1991. The conditions are summarized below:

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

5910 MacArthur Blvd., Oakland
November 15, 1991
Page 2 of 3

Title 23, specifies that non-visual monitoring/quantitative release detection be performed. The following methods may be utilized:

- a) SINGLE WALLED UNDERGROUND STORAGE TANKS, Section 2643 (c) (2) (A&B);
 - annual tank integrity test, AND
 - monthly inventory reconciliation
- b) PRESSURIZED PIPING, Section 2643(d);
 - hourly automatic line leak detector, AND
 - annual line tightness test

You may utilize other release detection methods for tanks and piping as outlined in Appendix IV of Title 23, CCR. Enclosed is a copy of Appendix IV for your reference. You are required to send written notification to this office regarding any changes in the current monitoring methods.

Inventory reconciliation is an integral part of the non-visual monitoring/quantitative release detection method. The following summary is taken from Title 23, Section 2646.

- a) The daily variation in inventory reconciliation shall be the difference between the physically measured inventory in storage and the calculated inventory in storage. Daily variations shall be summed for a period of one month. Monthly variations exceeding a variation of 1% of the monthly tank delivery plus 130 gallons must be investigated in accordance with this section. Please find enclosed a sample worksheet to perform inventory reconciliation.
- b) You are required to submit on an ANNUAL basis, a statement to this office which states that all inventory reconciliation data are within allowable variations or, submit a list of the days and corresponding variations which exceeded the allowable variations. Said statement shall be executed under penalty of perjury.

Please note that after January 1, 1993, inventory reconciliation, and any other leak detection method that utilizes manual stick readings, shall NOT be used as part of non-visual monitoring for

5910 MacArthur Blvd., Oakland
November 15, 1991
Page 3 of 3

existing underground storage tanks, where the ground water level or the highest anticipated ground water level is less than 20 feet below the bottom of the tank. If this applies to tanks you operate then you are required to then select another release detection method(s) for tanks and piping as out-lined in Appendix IV.

Consult the revised Title 23, CCR for additional requirements. To obtain a copy of the amended regulations, you may contact the State Water Resources Control Board at (916) 657-0917.

Should you have any questions or concerns regarding the contents of this letter, please contact Robert Weston at (510) 271-4328.

Sincerely,

Paul M. Smith

Paul Smith
Hazardous Materials Specialist

PMS:RW:rw

c: Richard Tan
Files

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mem555

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0124

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

August 12, 1991

Mr. Ricardo Tan
5910 MacArthur Blvd.
Oakland, CA 94605

Re: Chevron #99708, 5910 MacArthur Blvd, Oakland

Dear Mr. Tan,

On August 7, 1991, Cathy Gates from this office inspected the above premises with regard to issuance of a 5-year permit to operate three underground storage tanks (UST's). Our records indicate that the above facility is operating without any Underground Storage Tank Permits. In order to comply with California Hazardous Material and UST laws, and attain valid UST permits, you must comply with the following:

- 1) Section 2641(c)(5)(B), 2644(b) Title 23, CCR - Obtain water-reactive paste and use to stick tanks once per month. This will allow you to determine that a) no water has entered the tanks, and b) the tape readings are correct. Also, open each new month with measured inventory, not metered readings.
- 2) Section 2641(e),(f) Title 23, CCR - Please submit quarterly reports to this agency within 10 days of the end of each quarter. Use the summary form provided during the inspection. This form provides space for explanations of discrepancies for each date that exceeds the maximum allowable variance. You must provide explanations for each listed date which demonstrate that the required steps were followed to prove a leak had not occurred. (These steps are stated in 2644(f)(1-7), Title 23, CCR and on the back of the provided form.)

Initially, submit this report and the daily reconciliation records for the month of August only (by September 10, 1991). In October, begin using the normal quarterly schedule; i.e. include July, August, and September for the third quarter report, and submit the next quarterly summary for Oct. - Dec., 1991 by January 10, 1992.

- 3) Section 2712, Title 23, CCR - All monitoring records must be kept on-site for at least 3 years. In addition to

Mr. Ricardo Tan
August 12, 1990
Page 2 of 2

daily inventory reconciliation and quarterly summary reports, this should include precision tests, records for equipment repair, and any other pertinent records. Please provide written verification that these records will be maintained on-site by September 10, 1991.

- 4) Section 25504, CH&S - Submit a Hazardous Material Management Plan (HMMP) by September 10, 1991. Enclosed is a form to use to prepare the plan. Please also note that Chevron may have a copy of the previous owner's plan, which you may modify. Also send verification that your Hazardous Materials Management Plan is available on-site, and that your employees are familiar with how to respond in an emergency.

A 5-year permit will be issued when this office receives:

- A. Verification that water reactive paste will be used.
- B. Summary reports of daily reconciliation and daily monitoring records for August.
- C. Verification that ALL monitoring records will be kept on-site for at least three years.
- D. A copy of your HMMP.

Please submit all of the required materials in the time frame specified. Failure to respond in a timely manner could result in civil liabilities under the Health and Safety Code.

Should you have any questions regarding this letter, please feel free to contact Cathy Gates at (415) 271-4320.

Sincerely,

Paul M. Smith

Paul Smith, HMS
Hazardous Materials Division

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division
Mike Vomund, Chevron U.S.A.
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enclosure
PS:CG:cg mem20

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0124

September 19, 1990

Sylvester Perkins
Perkins Chevron Service
5910 MacArthur Blvd.
Oakland, CA 94605

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

Re: Waste Minimization Assessment

Dear Sylvester Perkins:

Your business has been selected to receive a hazardous waste minimization assessment. As you are probably aware, hazardous waste reduction has become a statewide, if not a national, issue. To address this issue at a county level, Alameda County is establishing its own Hazardous Waste Minimization Program and is planning to conduct waste minimization assessments for all hazardous waste generating facilities in the County.

We have chosen businesses in the auto repair industry to receive the first round of waste minimization assessments. It is our hope that these assessments will assist participating businesses in minimizing their hazardous wastes - and will give us further information on the best way to structure our minimization program.

One of our Hazardous Materials Specialists will be contacting you during the week of September 24 to arrange a meeting with you for an assessment of your business. During this meeting and assessment, the Specialist will work with you in examining your business's hazardous waste generating practices. The Specialist will then provide you with materials on waste reduction technology and assist you in setting up appropriate hazardous waste minimization practices.

We look forward to working with you in reducing the amount of hazardous waste your business generates. Of course, your comments and suggestions are encouraged; we need your input in order to best serve you! Please direct any comments and questions to Katherine Chesick at 415/271-4320.

Sincerely,

Edgar B. Howell, Chief,
Alameda County Hazardous Materials Division

EBH:kac

cc: Fire Department
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