

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

November 7, 2006

Mr. Dana Thurman
Chevron Environmental Management Co.
6001 Bollinger Canyon Rd., K2236
P.O. Box 6012
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

Dear Mr. Thurman:

Subject: Fuel Leak Case RO0000002, 5509 Martin Luther King Jr. Way, Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the subject site including the October 11, 2006 Workplan for Soil Borings by Cambria. This work plan follows up our site September 2006 discussions at the County offices with you and your consultant. The intent of the work plan is to fill in identified data gaps and move the site towards closure. Our technical comments are intended to address those areas where additional information is needed. Please address the following comments when performing the proposed work.

TECHNICAL COMMENTS

1. We concur with your proposal to drill three borings adjacent to monitoring wells MW-1 through MW-3. This will provide the shallow soil data near these wells and the existing UST tank pit, previously missing and identified as a data gap.
2. The compounds, BTEX, MTBE, other ether oxygenates and the lead scavengers were not analyzed in soil boring B, which detected 1700 ppm TPHg. Therefore, we request that an additional boring be drilled down-gradient (to the southeast) of former boring B. Both soil and groundwater samples should be collected for chemical analysis. We recommend the same suite of chemicals be analyzed as proposed for the three borings in number.
3. The historic presence of TPHg and MTBE in wells MW-7 and MW-8 has not been explained. In the absence of additional information, we assume this contamination originated from the former waste oil tank. Groundwater was insufficient to collect during the tank removal. We recommend an additional boring be drilled within the former waste oil tank pit and a groundwater sample collected and sampled for TPHmo, TPHg, BTEX, MTBE, ether oxygenates and the lead scavengers.

TECHNICAL REPORT REQUEST

Please submit the following report according to the following schedule:

- December 29, 2006- Soil and groundwater investigation report

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.

Mr. Dana Thurman
November 7, 2006
Page 3 of 3

UNDERGROUND STORAGE TANK CLEANUP FUND


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

AGENCY OVERSIGHT

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

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos
Mr. David Herzog, Cambria Environmental, 2000 Opportunity Drive, Suite 110,
Roseville, CA 95678

11_8_06 5509 MLKJr Way

1205-111-1
R0 2

CAMBRIA

Alameda County

JAN 20 2004

Environmental Health

Ms. Eya ~~Chu~~ ^{DH}
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda CA, 94502

**Re: Change of Environmental Project Managers
Chevron Environmental Management Company
Cambria Environmental Technology, Inc.
Site #: 9-1583, 5509 Martin Luther King Jr. Way, Oakland**

Dear Ms. Chu:



This letter is submitted by Cambria Environmental Technology, Inc. (Cambria) on behalf of Chevron Environmental Management Company (Chevron) to notify your agency that a change of environmental project management for this site occurred on January 1, 2004. In the future kindly direct all correspondence relating to environmental project management to:

Mr. Bruce Eppler
Cambria Environmental Technology, Inc.
4111 Citrus Avenue, Suite 9
Rocklin, CA 95677
Email beppler@cambria-env.com

The new Chevron contact for copies of correspondence for this site will be:

Ms. Karen Streich
Project Manager
Chevron Environmental Management Company
6001 Bollinger Canyon Rd.
P.O. Box 6012
San Ramon, CA 94583-2324

Thank you for your cooperation and please call (916) 630-1855 ext. 102 with any questions.

Sincerely,
Cambria Environmental Technology, Inc.

Bruce H. Eppler
Project Manager

cc Karen Streich
David Charter

10-002



3164 Gold Camp Drive, Suite 200
 Rancho Cordova, California 95670
 Phone: (916) 851-7342
 Fax: (916) 638-8385

FAX TRANSMITTAL

DATE: 4/9/02
 RECIPIENT: Eva chu
 COMPANY: _____
 RECIPIENT FAX NO: 916-337-9335
 SENDER: Brett Bardsley
 NO. OF PAGES TO FOLLOW: 2
 SUBJECT: well Driller's Agreement
 DELTA PROJECT NO: _____

Urgent For Review Please Comment Per Request Please Reply

Message: Eva,

Please sign and send back to me, Thank you for your help.

This fax may contain information that is privileged or confidential. If you are not the intended recipient, please notify us immediately.



STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
CENTRAL DISTRICT

3251 "S" Street - Sacramento - CA 95816 - (916) 227-7561



WELL DRILLER'S REPORTS
INSPECTION REQUEST AND AGREEMENT

Project: Chevron Service Station No. 9-1583 Contract Number: _____

Township, Range and Section: T.1S., R.3W., Address: 5509 Martin Luther King Way, Oakland

County: Alameda Date: 4/9/02

Request is made pursuant to Section 13751 of the California Water Code for permission to inspect or copy Water Well Driller's Reports, which are on file in your office.

In accordance with the requirements of Section 13752 of the Water Code, it is stipulated and agreed that such reports, or any copy or copies made thereof, will not be made available for inspection by the public but will be used solely by this governmental agency for making studies. If copies are made or taken, each copy will be stamped "CONFIDENTIAL" or "FOR OFFICIAL USE ONLY" and will be kept in a restricted file, access to which is limited to the staff of this governmental agency or to its contracted agents. Any copies furnished to contracted agents must be returned to the Department of Water Resources, Central District upon completion of work by the contracted agent.

No information contained in these reports can be disseminated or published without the written permission of the owner of the well.

DELTA Environmental Consultants, Inc.
Contracted Agent

Alameda Co. Environmental Health
Governmental Agency

3164 Gold Camp Drive Suite 200, ~~Alameda~~
Address Alameda

1131 Harbor Bay Parkway
Address

Rancho Cordova, CA 95670
City, State & Zip Code

Alameda CA 94502
City, State & Zip Code

By: Brett Bardsley
Officer

By: Eva Chu
Officer

STAFF Geologist
Title

Haz Mat Specialist
Title

(916) 638-2164
Telephone

510/567-6762
Telephone

Brett Bardsley
Signature

[Signature]
Signature

4/9/02
Date

4/9/02
Date

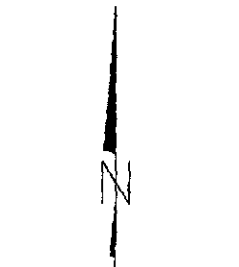


R.J.W.

GENERAL NOTES:
 BASE MAP FROM U.S.G.S.
 OAKLAND WEST, CA.
 7.5 MINUTE TOPOGRAPHIC
 PHOTOREVISED 1980



QUADRANGLE LOCATION



SCALE 1:24,000

FIGURE 1
 SITE LOCATION MAP

CHEVRON SERVICE STATION NO. 9-1583
 5509 MARTIN LUTHER KING WAY
 OAKLAND, CA.

PROJECT NO. DG91-583	DRAWN BY M.L. 4/8/02
FILE NO. DG91583A	PREPARED BY BAB
REVISION NO. 1	REVIEWED BY



**ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY**

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

September 25, 1995
STID# 2047

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

**RE: Soil and Groundwater Investigation
5509 Martin Luther King Way, Oakland, California 94609**

Dear Mr. Miller:

The Alameda County Department of Environmental Health, Environmental Protection Division has recently reviewed the case file concerning the soil and groundwater investigation at the referenced site. This office is in receipt of the Waste Oil Tank Removal Report (June 12, 1995) prepared by Touchstone Development and the latest quarterly groundwater monitoring report dated August 4, 1995 and prepared by Blaine Tech Services.

Based on this review the following issues must be addressed regarding the soil and groundwater investigation at the subject site:

- 1) It appears that the extent of the soil and groundwater contamination remains undefined. Monitoring well MW-8 which was installed west of the property boundary on February 1994 consistently detected petroleum hydrocarbon contamination. The sampling conducted on July 6, 1995 found 19,000 ppb TPH as gasoline, 280 ppb benzene, 1200 ppb ethyl benzene, and 2600 ppb xylene. Monitoring well MW-7 which was installed north of the property boundary detected 320 ppb TPH gasoline and 6900 ppb total oil and grease during the July 1995 sampling event. Although the direction of the groundwater flow observed during the last four quarters indicated a change from the historical north - northwest to the current south - southwest, the lateral limits on the contamination must be determined. The soil and groundwater investigation must be expanded off-site to the west-northwest of the subject site. Review of the data appeared to indicate that the plume may have migrated off the site. Soil boring and grab groundwater samples may be performed initially prior to placement of permanent wells. A work plan must be submitted to delineate the extent of the contamination at the site. Please submit your work plan to this office no later than November 27, 1995.

Mr. Mark Miller
RE: 5509 Martin Luther King Way, Oakland, CA 94609
September 25, 1995
Page 2 of 3

- 2) Please submit a copy of the former waste oil tank's manifest and records of the stockpiled soil disposed at BFI in Livermore.
- 3) Monitoring well sampling frequency must occur every quarter. All the wells must be sampled for the following target compounds: TPH gasoline, benzene, toluene, ethyl benzene, xylene and methyl tertiary butyl ether (MTBE). Groundwater level measurements must be incorporated in the monitoring program.
- 4) Monitoring wells MW-7 and MW-8 must be sampled for TPH as motor oil in addition to the above mentioned target compounds.

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

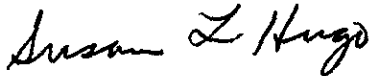
- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

Mr. Mark Miller
RE: 5509 Martin Luther King Way, Oakland, CA 94609
September 25, 1995
Page 3 of 3

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

If you have any questions concerning this letter, please contact me at (510) 567-6780.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Jun Makishima, Interim Director, Environmental Health
Kevin Graves, San Francisco Bay RWQCB
George Young, Acting Chief, Environmental Protection / files

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

II, III

Site ID # 2047 Site Name CHEVRON Today's Date 4/17/95

- II.A BUSINESS PLANS (Title 19)
- 1. Immediate Reporting 2703
 - 2. Bus Plan Sids. 25503(b)
 - 3. RR Cars > 30 days 25503.7
 - 4. Inventory Information 25504(a)
 - 5. Inventory Complete 2730
 - 6. Emergency Response 25504(b)
 - 7. Training 25504(c)
 - 8. Deficiency 25505(a)
 - 9. Modification 25505(b)

Site Address 5509 MARTIN KING WAY

City OAKLAND Zip 94609 Phone _____

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

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

- II.B ACUTELY HAZ. MATLS
- 10. Registration Form Filed 25533(a)
 - 11. Form Complete 25533(b)
 - 12. RMAPP Contents 25534(c)
 - 13. Implement Sch. Req'd? (Y/N)
 - 14. OffSite Conseq. Assess. 25524(c)
 - 15. Probable Risk Assessment 25534(d)
 - 16. Persons Responsible 25534(g)
 - 17. Certification 25534(i)
 - 18. Exemption Request? (Y/N) 25536(b)
 - 19. Trade Secret Requested? 25538

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

Comments:
 1- 1000 gallon WASTE OIL TANK REMOVED.
 Tank is made of fiberglass manufactured by Century West Xerox.

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670

- Monitoring for Existing Tanks
- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
 - Semi-annual groundwater
 - One time soils
 - 3) Daily Vadose
 - One time soils
 - Annual tank test
 - 4) Monthly Groundwater
 - One time soils
 - 5) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - Vadose/gndwater mon.
 - 6) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - 7) Weekly Tank Gauge
 - Annual tank test
 - 8) Annual Tank Testing
 - Daily Inventory
 - 9) Other

Oakland Fire Dept = Larry Jones left bec. LEL is still high. Approx. 1100 lbs of dry ice was added. LEL & O2 dropped to 9% (LEL) & 4.3% (O2).

Tank hauler's Erickson; Manifest # 93237690
 Tank appeared to be in good condition; Remote fill inside the building had been capped with concrete.

- 7. Precls Tank Test 2643
- Date: _____
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647

2 Soil samples collected (one from each end of the tank) East sample (at 11 ft depth) & west sample at 0.5 ft depth.

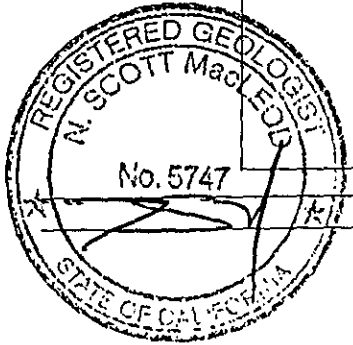
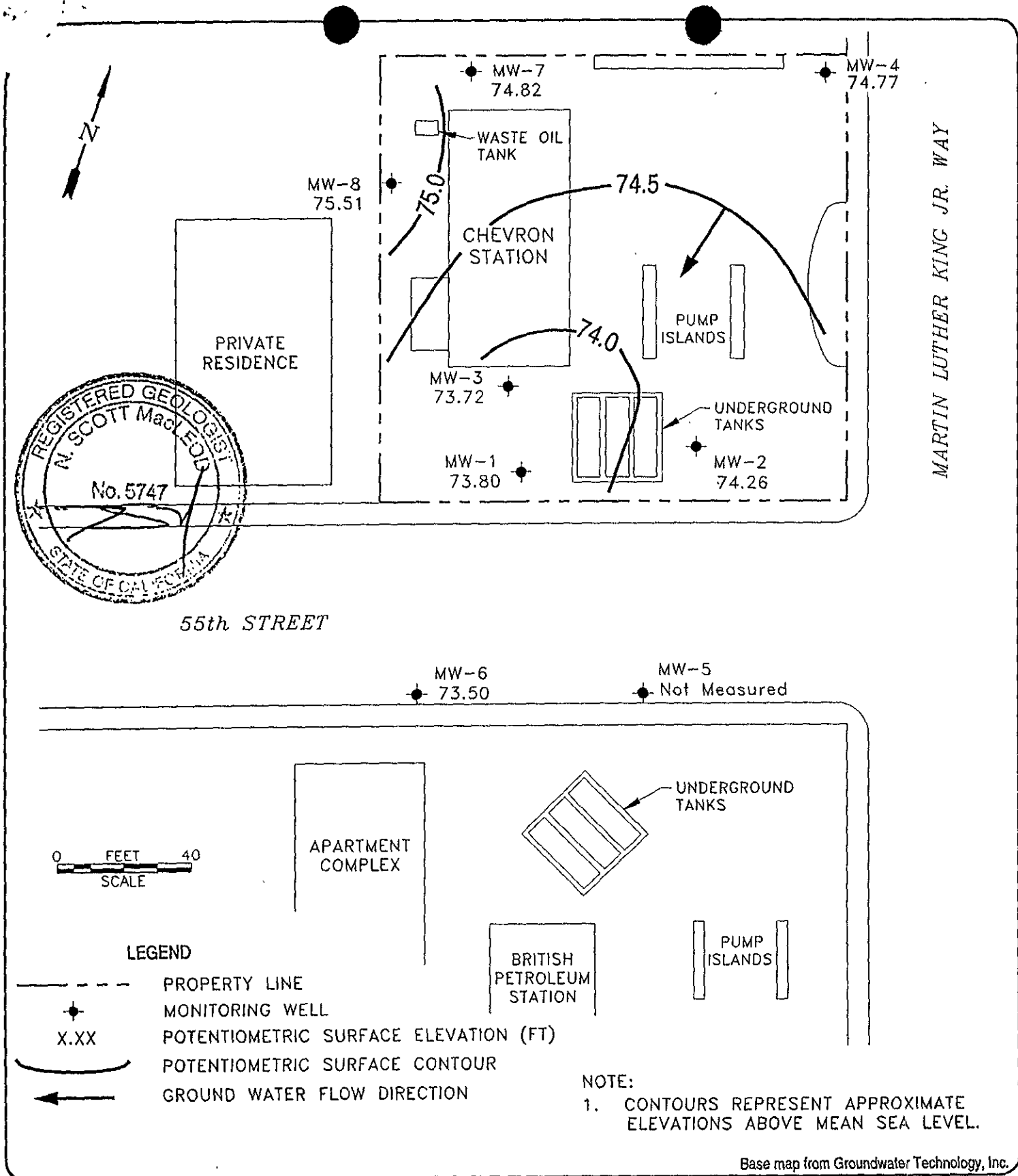
- New Tanks
- 11. Monitor Plan 2632
 - 12. Access, Secure 2634
 - 13. Plans Submit 2711
 - Date: _____
 - 14. As Built 2635
 - Date: _____

Soil staining present especially on the east wall next to the building.

Stackpiled soil shall be characterized for disposal.

Rev 6/88

Contact: _____
 Title: _____
 Signature: investigation remediation
 Inspector: Jessie L. Hays
 Signature: _____
 This site is an active service station II, III & currently being investigated.



MARTIN LUTHER KING JR. WAY

55th STREET

CAMBRIA
Environmental Technology, Inc.

Chevron Station 9-1583
5509 Martin Luther King Jr. Way
Oakland, California

ICHEVRON9-1583\1583-QM(1-Q95).DWG

Ground Water Elevation
January 18, 1995

FIGURE
1

SUSAN L. HUGO

80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320

Alameda County
STIP 2047

ACCEPTED
DEPARTMENT OF ENVIRONMENTAL HEALTH
473 - 27th Street, Third Floor
Oakland, CA 94612
Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The permit procedure herein is now released for issuance of any required building permits for construction.

One copy of these accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any change or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:

- Removal of Tank and Piping
- Sampling
- Final Inspection

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Please make note of
changes made on page
4 & 5
Susan L. Hugo
3/29/95

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

1. Business Name Chevron Station
Business Owner Chevron USA
 2. Site Address 5509 Martin Luther King Way
City Oakland CA Zip 94601 Phone _____
 3. Mailing Address P.O. Box 5004
City San Ramon CA Zip 94583-0804 Phone (510) 842-9521
 4. Land Owner Chevron USA
Address P.O. Box 5004 City, State San Ramon CA Zip 94583-0804
 5. Generator name under which tank will be manifested Chevron USA
- EPA I.D. No. under which tank will be manifested CA L000030016

1) Site Safety Officer? Harold Spelman ✓
2)

6. Contractor Golden West
Address 567 Exchange Court
City Livermore CA 94550 Phone 9510447-2484
License Type* ABC-9 ID# 702214

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant N/A
Address _____
City _____ Phone _____

8. Contact Person for Investigation
Name Steve Pratt Title Const. Engineer
Phone 510 842-9181

9. Number of tanks being closed under this plan 1
Length of piping being removed under this plan 75 ft.
Total number of tanks at facility 1

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled **
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter

Name ERICKSON EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date 7/31/95
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site

Name Erickson EPA I.D. No. CAD009466392
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

c) Tank and Piping Transporter

Name Erickson EPA I.D. No. CA0009466392 ✓
Hauler License No. 0019 - License Exp. Date 7/3/95
Address 255 Parr Blvd
City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson EPA I.D. No. CA0009466392
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

11. Experienced Sample Collector

Name Jeff Morrow
Company Touchstone Developments
Address P.O. Box 2554
City Santa Rosa State CA Zip 95405 Phone (707) 538-8818

12. Laboratory

Name Sequoia Analytical
Address 680 Chesapeake Dr.
City Redwood City State CA Zip 94063
State Certification No. 1210

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

DRY TCE

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
1 K	W/O unkn when last used.	Soil Groundwater sample to be collected if present in the excavation	2 ft under both ends of tank One soil sample collected from each end of the tank no deeper than 2 ft into the natural soil

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) < 50 cy	Sampling Plan Soil Samples will be collected from the excavation bucket and handled as recommended by the LUFT Manual + TRI Regional Board Staff. Soil will be collected in 2" x 6" brass liners.

Stockpiled soil must be characterized for disposal. Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
TPH	TPH 418-1		1.0 ppm
TPH G	5030	GC/FID	1.0 ppm (soil) 0.05 ppm (water)
TPH D	3550	GC/FID	1.0 ppm (soil) 0.05 ppm (water)
BTEX	8020 or 8240		
Cl HC	8010 or 8240		1.005 ppm (soil) 1.005 ppm (water)
Semi-volatiles	8270		
Metals: Pb, Cd, Cr, Ni, Zn	ICAP or AA		
TOG	5520 DEF		50 ppm (soil) 1.005 ppm (water)

17. Submit Site Health and Safety Plan (See Instructions)

Name of Insurer State Fund

- 19. Submit Plot Plan (See Instructions)
- 20. Enclose Deposit (See Instructions)-
- 21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)
- 22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

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 understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. 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.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) Terri L. Stack ✓

Signature Terri L. Stack

Date 3/2/95

Signature of Site Owner or Operator

Name (please type) STEPHEN E. PRATT ✓

Signature SE Pratt

Date 3/2/95



AMERICAN CONSTRUCTION & ENVIRONMENTAL SERVICES, INC.

567 EXCHANGE COURT
LIVERMORE, CA 94550
(510) 447-2484 • FAX (510) 447-4145

SITE WORK HEALTH AND SAFETY PLAN

JOB NAME: Chevron Station @ 5509 Martin Luther King, Oakland
95-238

EMERGENCY TELEPHONE NUMBERS

FIRE.....911
FIRST AID.....911
AMBULANCE.....911
POLICE.....911
POISON CONTROL CENTER.....911

HOSPITAL

(prev. Merritt Hosp.)

Name: Summitt Medical Center **Phone:** (510)655-4000

Address: 350 Hawthorne, Oakland, CA

FROM SITE:

Proceed south on Martin Luther King (map shows as Grove St.)
Turn left of 34th. St. Hospital is on right side,
corner of 34th. and Hawthorne. Approx. 2 miles from site.

American Construction & Environmental Services, Inc.

D. Bailey Neff.....(510) 447-2484 ext. 102 ✓
Rick Henderson.....(510) 447-2484 ext. 106



SITE WORK HEALTH AND SAFETY PLAN

1. GENERAL

This Health and Safety Plan has been designed to conform to and/or exceed guidance standards promulgated by EPA and the California Department of Health Services, Federal OSHA regulations (29CFR1910.120) and CAL/OSHA regulations. Because considerable experienced judgement must be applied to decisions that will be made while actually working on site, it is the goal of this plan to provide maximum work efficiency while maintaining an uncompromisingly safe working environment. This plan is not a substitute for experienced judgement and direction, or for common sense during construction activities.

American Construction will provide services and equipment for the completion of the scope of work. American Construction (as well as all subcontractors and independent contractors) will adhere to the Site Work Health and Safety Plan.

2. WORK OBJECTIVE

The overall work objective is to provide for proper and safe completion of scope of work.

3. SAFETY MANAGEMENT

The field supervisor, _____, is the site and safety officer and will ensure that all personnel comply with all

applicable regulations and requirements of this plan. Due to the various aspects of the work, specific personnel are not assigned to this project at present. Basic requirements are:

- a. Personnel shall be physically able (and mentally willing) to comply with safety requirements.
- b. A copy of this safety plan shall be posted at the job site and a copy made available to each individual who will work at the site.
- c. These plans should also include and/or address as a separate plan, the following:
 - a. A Worker Hazard Communication Program
- d. Periodically scheduled "tailgate safety" meetings shall be held to review the safety program. Attenders will sign the Safety Meeting Notice.
- e. Unsafe acts shall be stopped when discovered.
- f. Required safety equipment shall be present on site and shall be checked to verify completeness and function prior to being put into service.
- g. Sources of ignitions will be eliminated where possible. Smoking will be strictly forbidden on site.

- h. The field supervisor is _____. Personnel may change depending on field conditions. Changes will be noted in the field log book.

Employee Training Assignments

All on-site employees will be trained in accordance with T8 CCR 5192 (e). The person serving as Site Safety and Health Supervisor will have completed a standard first aid course.

4. HAZARDS

Identified Physical Hazards

The presence of **heavy equipment** at this site presents the potential for physical injury during the permanent closure. All heavy equipment operators and workers around the equipment must be constantly aware of the hazards associated with the operation of that equipment. The following precautions will be taken during any construction activity to prevent physical harm:

1. All heavy equipment at the site (backhoes, front-end loaders, utility trucks, etc.) must be used only for the purposes for which it was designed. Under no circumstances will a piece of heavy equipment be used for personnel lifts.
2. All vehicles with a haulage capacity of 2-1/2 cubic yards or more must be equipped with an automatic electric back-up alarm which is audible at a distance of 200 feet.

3. All heavy equipment and service vehicles should be checked at the beginning of each shift to ensure all parts, equipment and accessories are in good working condition and free of damage.

4. All heavy equipment and service vehicles on the site must conform with the applicable inspection codes:
 - a. All mobile equipment will be equipped with an approved roll-over protection device.

 - b. All mobile equipment must be equipped with seat belts which must be worn by the operator at all times.

 - c. All job site vehicles will be equipped with a service brake, parking brake and emergency brake system.

In the event of **open excavations**, which is a hazard to on-site workers, the following policy regarding excavations will be followed:

- Entry into excavations greater than 4 feet deep is prohibited, unless the requirements of T8 CCR 1541 are met.

- Hazards associated with general construction may occur during the course of construction. Personnel should be alert and prevent as well as avoid these hazards.

- When tank removal is part of scope of work, there is a significant potential for hazards from falling loads when lifting and removing tanks. Workers must be especially alert to this hazard.

- During general construction activities, there is also a potential for general (construction type) safety hazards. This plan does not address general safety in detail. If personnel are frequently reminded and will cooperate in being courteous, careful, alert, and thoughtful of outlines safety procedures, and if they use common sense in actions and in considering probable consequences, much will already have been accomplished to insure a safe working environment.

- Fires may occur from sources of ignition.

- If Contamination exposure is encountered on this project, activities will cease and

proper notifications and procedures will be followed.

5. EXCLUDED WORK ZONE

The boundary of the site shall be an excluded work zone. Personnel not actively involved in site work activities (other than inspectors from concerned regulatory agencies) shall not be allowed within the excluded work zone.

6. HAZARD COMMUNICATION

All personnel are to be familiar with this Site Work Health and Safety Plan.

Field supervisor will telephone for emergency service and notify office when needed.

7. EQUIPMENT

Personal Safety Equipment

Workers engaged in the remediation work shall wear/have available personal protective safety equipment as minimum:

- Hard hats
- Safety glasses and/or goggles
- Respirators
- Work boots
- Gloves
- Coveralls

Facility Safety Equipment

The following safety equipment shall be continuously available at the job site:

- First aid kit (20-unit).
- Fire extinguishers (2) ABC.
- "No Smoking" signs.
- Barricade tape.
- Explosimeter (LEL)/Organic Vapor Analyzer.

8. PERSONAL HEALTH AND HYGIENE

Personal safety and the safety of fellow workers require mental alertness on the part of all employees. No alcohol or drugs shall be permitted at any job site. Intake of alcohol and prescription drugs should be limited when an employee is assigned to hazardous material remediation projects due to the potential for synergistic effects. Prescription drugs should not be taken without the express approval of a physician with knowledge of project/site activities.

Eating and smoking will only take place in an approved break area.

ON-SITE WORK PLAN FOR TANK REMOVAL AND EXCAVATION

Removal of Flammable Vapors and Removal of Tanks

Removal of flammable vapors and removal of tanks will be performed in accordance with the requirements of Local Regulatory Agencies. The following are general guide lines.

A review of available codes, standards, and recommended procedures produces the following consensus:

- A. All possible sources of ignition must be kept from impacting the tank or the area in which flammable vapors may reside during excavation or after removal.
- B. Drain and flush all piping into tank. Flammable or combustible free standing liquid production stock will be removed from the tank prior to removal. Avoid spilling product on the ground during disconnection of the tank from its associated lines.
- C. Vent lines should not be sealed and should be cut last. Keep all sources of ignition away from vent lines as well as tanks.
- D. Once all liquid has been removed from the tank, any tank with flammable vapors in excess of 10% of the LEL or 5% oxygen will be purged with dry ice (CO₂). Thirty pounds of dry ice per 1,000 gallons of tank capacity is added to render the tank inert. All piping except the vent pipe should be disconnected.

Emergency Services

The address and telephone number of the local hospital, ambulance and medical emergency room should be prominently posted. In addition, the telephone number of the fire department/rescue unit should be posted.

General information regarding emergency services may be found on front page.

Emergency Equipment

The following emergency equipment will be available:

- A 20-unit first aid kit.
- ABC fire extinguishers (2).

DECONTAMINATION

The requirement for decontamination will be determined by the specific site conditions.

Pre-moistened tissues will be available.

SAFETY TRAINING REQUIREMENTS

The minimum training requirements specified in Federal OSHA 1910.120 Hazardous Waste Operations and Emergency Response will be met for all remediation personnel. (if required)

All on-site employees will be trained in accordance with T8 CCR 5192 (e), First Aid and CPR.

INFORMATIONAL PROGRAMS:

Employees, contractors and subcontractors engaged in hazardous waste operations at the site will be informed of the nature, level and degree of exposure likely as a result of participation in these operations in accordance with T8 CCR 5192 (i).

MEDICAL SURVEILLANCE:

All on-site employees who meet the conditions specified by T8 CCR 5192 (f)(2)(a) - (c) will be covered by a medical surveillance program with meets the requirements of T8 CCR 5192 (f).

SAFETY AND HEALTH RISK ANALYSIS

The following potential impacts to the safety and health of on-site employees have been identified from a review of the comprehensive workplan for this project.

A. Exposure to Toxic Substances

1. BENZENE

Exposure to benzene is primarily by inhalation of skin absorption. Benzene is irritating to the eyes and skin and can produce

erythema, burning, edema and blistering of the skin. Inhalation of high concentrations of benzene can produce central nervous system depression characterized by confusion, dizziness, tightening of the leg muscle, excitation, stupification and coma. Benzene is a known leukemogen and suspected human mutagen, carcinogen and teratogen. It is also a severe fire hazard. TLV = 10ppm, PEL = 1ppm, Odor Threshold Concentration = 4.7 ppm. Ionization Potential = 9.245.

2. NAPHTHALENE

Naphthalene can affect the body by inhalation, eye or skin contact or by ingestion; it is also absorbed by the skin. Inhalation or ingestion may cause gastrointestinal disorders and bloody or dark urine. Exposure to naphthalene may also cause destruction of red blood cells resulting in anemia, jaundice, and kidney and liver damage. Naphthalene may also cause skin irritation and, possible, and allergic rash. Repeated exposure may cause cataracts. TLV = 10 ppm, PEL = 10 ppm, Threshold Odor Concentration = 0.003 to 0.3 ppm. Ionization Potential = 8.12.

3. ETHYL BENZENE

Liquid ethyl benzene is an irritant to the skin and mucous membranes. Ethyl benzene vapors are irritating to the eyes and can cause dizziness, irritation to the nose and throat, and a sense of constriction of the chest. Exposure to high vapor concentrations can cause ataxia, loss of consciousness, tremor of the extremities and death due to respiratory failure. It is also an experimental teratogen. TLV = 100 ppm, PEL = 100 ppm, Odor Threshold Concentration = 0.25 to 200 ppm. Ionization potential = 8.76.

4. TOLUENE

Toluene is a skin and eye irritant. It can cause central nervous system depression which is characterized by headaches, nausea, loss of appetite, lassitude and impairment of coordination and reaction time. It may affect the liver and blood, and it may also be a mutagen. TLV = 100 ppm, PEL = 100 ppm. Odor Threshold Concentration = 0.17 to 40 ppm. Ionization Potential = 8.82.

5. XYLENE

Xylene is a skin, eye and respiratory system irritant. It is moderately toxic by inhalation and ingestion and may cause pulmonary edema if inhaled in high concentrations. TLV = 100 ppm, PEL = 100 ppm. Odor Threshold Concentration = 0.5 to 3.8 ppm. Ionization Potential = 8.45 - 8.56.

B. Fire and Explosion

The presence of volatile liquids and vapors at this site presents the potential for fire or explosion during the excavation. The following precautions will be taken during the project to prevent fire or explosion:

1. There will be *NO SMOKING* within a 50 foot radius from the source of any vapors.
2. The atmosphere at the site will be continually monitored for the presence and concentration of flammable vapors and measurements will be documented in writing.
3. Two 10 A-20 B:C fire extinguishers will be maintained on site within 50 feet of the line of travel of the on-ground person designated as fire watch at all times.
4. During refueling of vehicles and heavy equipment, the engines of the equipment will be required to be off. There must be metal to metal contact between the refueling equipment and vehicle/heavy equipment being refueled. No combustion sources will be allowed with 25 feet of refueling operations.

PERSONAL PROTECTIVE EQUIPMENT

Level D PPE will be required on site at all times. The following table will guide upgrades from this level of protection:

Consistent-Sustained
Breathing Zone
PID Reading

Level of Protection

<20 ppm	Level D
20 - 100 ppm	Level D + half-mask air purifying respirator
100 - 500 ppm	Level D + full-face air purifying respirator
>500 ppm	Level D + SCBA

Descriptions of the different levels of protection are found in Appendix A.

C. Air Monitoring, Personnel Monitoring, Environmental Sampling Techniques and Instrumentation

The following monitoring will be performed at this site.

- A **combustible gas indicator (CGI)** will be used to monitor the atmosphere at the site for flammable vapors.
- A **Photoionization Detector (PID)** or equivalent will be used to determine the appropriate level of protection.
- A **Photoionization Detector (PID)** or equivalent will be used to screen soils for contamination as they are removed from the excavation.

Monitoring with the CGI, for flammable vapors, and the PID, to determine levels of protection, will be performed continually and documented in writing. Monitoring with the PID to screen for soil contamination will be performed as needed. When the PID is being used to screen soils, breathing zone measurements will be alternated with soil screening measurements. Breathing zone measurements from the person screening the soils will be used to guide levels of protection for all workers within the exclusion zone.

All environmental monitoring and sampling at the site will be performed in accordance with Federal, State, and Local Regulations and accepted standards. Monitoring instruments will be calibrated and maintained in accordance with the manufacturer's instructions. Calibration will be documented in writing.

SPILL CONTAINMENT PROGRAM

If there is no health threat from containing a spill, the following spill control measures will be implemented immediately:

- a. Take measures to stop the release.
- b. Construct a containment barrier using excavated soil to prevent the contaminant from spreading.
- c. Remove as much of the liquid portion of the substance as possible using a pump truck and/or adsorbent material.
- d. Place contaminated containment soil into an appropriate container for disposal.
- e. Place all contaminated materials which cannot

be decontaminated into appropriate containers for disposal.

- f. Decontaminate all tools used in the spill control procedures.
- g. Properly dispose of all contaminated materials including decontamination rinse water.
- h. Notify the appropriate authorities.

Appendix A

Levels of Protection

Level A

1. Positive pressure, full-facedpiece, self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA.
2. Totally-encapsulating chemical-protective suit.
3. Gloves, outer, chemical-resistant.
4. Gloves, inner, chemical-resistant.
5. Boots, outer, chemical-resistant steel toe and shank.
6. Optional Level A:
 - Coveralls
 - Long Underwear
 - Hard hat*

Level B

1. Positive pressure, full-facedpiece, self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA.
2. Hooded chemical-resistant clothing.
3. Gloves, outer, chemical-resistant.
4. Gloves, inner, chemical-resistant.
5. Boots, outer, chemical-resistant steel toe and shank.
6. Optional Level B:
 - Coveralls
 - Boot covers, outer, chemical-resistant, disposal
 - Hard hat
 - Face shield

Level C

1. Full-face or half-mask air purifying respirator.
2. Hooded chemical-resistant clothing.
3. Gloves, outer, chemical-resistant.

4. Gloves, inner, chemical-resistant.

5. Optional Level C:

- Coveralls
- Boot covers, outer, chemical resistant, disposal
- Hard hat
- Face shield
- Boots, outer, chemical-resistant steel toe and shank
- Escape Mask

Level D

1. Coveralls

2. Boots/shoes, chemical-resistant steel toe and shank.

3. Safety glasses or chemical splash goggles.

4. Gloves, inner, chemical-resistant.

5. Optional Level D:

- Gloves
- Boots, outer, chemical-resistant, disposal
- Hard hat*
- Face shield
- Escape Mask

*Required

...forms\safetank.att

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME <i>Chevron</i>		NAME OF OPERATOR <i>MP</i>		
ADDRESS <i>5509 Martin Luther King</i>		NEAREST CROSS STREET <i>55th</i>	PARCEL # (OPTIONAL)	
CITY NAME <i>Oakland</i>		STATE <i>CA</i>	ZIP CODE	SITE PHONE # WITH AREA CODE <i>MP</i>
<input checked="" type="checkbox"/> BOX TO INDICATE <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL AGENCY DISTRICTS <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> FEDERAL AGENCY				
TYPE OF BUSINESS		<input checked="" type="checkbox"/> 1 GAS STATION	<input type="checkbox"/> 2 DISTRIBUTOR	<input type="checkbox"/> 3 FARM
		<input type="checkbox"/> 4 PROCESSOR	<input type="checkbox"/> 5 OTHER	
		<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE <i>1</i>	E. P. A. I D. # (optional)

EMERGENCY CONTACT PERSON (PRIMARY)

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST) <i>Pratt, Steve</i>	PHONE # WITH AREA CODE <i>510842-9181</i>	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST) <i>Henderson, Rick</i>	PHONE # WITH AREA CODE <i>510447-2488</i>	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME <i>Chevron</i>		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS <i>20 Box 5004</i>		<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL AGENCY
CITY NAME <i>San Ramon</i>		<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> COUNTY AGENCY
	STATE <i>CA</i>	ZIP CODE <i>94583-0804</i>	PHONE # WITH AREA CODE <i>510842-9181</i>	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER <i>Chevron</i>		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS <i>20 Box 5004</i>		<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL AGENCY
CITY NAME <i>San Ramon</i>		<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> COUNTY AGENCY
	STATE <i>CA</i>	ZIP CODE <i>94583-0804</i>	PHONE # WITH AREA CODE <i>510842-9181</i>	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ -

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input checked="" type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

VI. LEGAL NOTIFICATION AND BILLING ADDRESS Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. II. III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <i>Terri Suck</i>	APPLICANT'S TITLE <i>Proj. Coordinator</i>	DATE <i>3/3/95</i>	MONTH/DAY/YEAR
LOCAL AGENCY USE ONLY			

COUNTY # <input type="text" value=""/> <input type="text" value=""/>	JURISDICTION # <input type="text" value=""/> <input type="text" value=""/>	FACILITY # <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

INSTRUCTIONS FOR COMPLETING FORM 1A*

GENERAL INFORMATION

1. One FORM 1A must be completed for all NEW PERMITS, PERMITS, LICENSES or any RENEWALS of INFORMATIONAL, COMMERCIAL, RESIDENTIAL or FACILITY use, regardless of whether the facility is a new or existing one.
2. For information regarding other USES, APPLICABLE REGULATIONS AND REGULATORY INFORMATION, please type or print your requested information.
3. Use a hard copy of this form if you are making 3 copies.

TOP OF FORM: GENERAL INFORMATION

Write on this form the name of the facility that best describes the nature of the facility to be permitted.

I. FACILITY/STRUCTURE/USE AND ADDRESS (MUST BE COMPLETED)

1. Write the address (street, city, location) of the facility on this form. NO OTHER ADDRESS HAVE A VALID PHYSICAL LOCATION INCLUDING THE STREET ADDRESS. (STREET ADDRESS AND NOT APO BOXES). If there is no street address, and none of the options below, please type the address of the facility.
2. If the facility is a mobile home, please type the height, make, type, and year of the facility.
3. If the facility is a mobile home, please type the make, type, and year of the facility.
4. Check the appropriate box(es) for the type of facility:
 - a. Partially or fully enclosed structure or other facility (e.g., tent, shed, etc.)
 - b. Fully enclosed structure (e.g., building)
 - c. Other (e.g., mobile home, etc.)

II. FACILITY/STRUCTURE/USE AND ADDRESS (MUST BE COMPLETED)

Complete this form if the facility is a mobile home, tent, shed, etc. If the facility is a mobile home, please type the make, type, and year of the facility.

III. FACILITY/STRUCTURE/USE AND ADDRESS (MUST BE COMPLETED)

Complete this form if the facility is a mobile home, tent, shed, etc. If the facility is a mobile home, please type the make, type, and year of the facility.

IV. FACILITY/STRUCTURE/USE AND ADDRESS (MUST BE COMPLETED)

Please use this form if the facility is a mobile home, tent, shed, etc. If the facility is a mobile home, please type the make, type, and year of the facility. If you do not have a mobile home, tent, shed, etc., please type the address of the facility. If you do not have a mobile home, tent, shed, etc., please type the address of the facility. If you do not have a mobile home, tent, shed, etc., please type the address of the facility.

V. FACILITY/STRUCTURE/USE AND ADDRESS (MUST BE COMPLETED)

Complete this form if the facility is a mobile home, tent, shed, etc. If the facility is a mobile home, please type the make, type, and year of the facility.

VI. FACILITY/STRUCTURE/USE AND ADDRESS (MUST BE COMPLETED)

Complete this form if the facility is a mobile home, tent, shed, etc. If the facility is a mobile home, please type the make, type, and year of the facility.

APPLICANT INFORMATION AND CONTACT INFORMATION

PERSONAL INFORMATION (MUST BE COMPLETED)

The name and address of the applicant must be typed and must be identical to the name and address of the facility. The name and address of the applicant must be typed and must be identical to the name and address of the facility.

PLEASE PRINT OR TYPE THE FOLLOWING INFORMATION: NAME, ADDRESS, CITY, STATE, ZIP CODE, PHONE NUMBER, FAX NUMBER, E-MAIL ADDRESS, BUSINESS NAME, BUSINESS TYPE, BUSINESS ADDRESS, BUSINESS PHONE NUMBER, BUSINESS FAX NUMBER, BUSINESS E-MAIL ADDRESS, BUSINESS WEBSITE ADDRESS, BUSINESS SOCIAL MEDIA ADDRESS, BUSINESS OTHER CONTACT INFORMATION.

APPLICANT CONTACT INFORMATION
NAME: [Name]
ADDRESS: [Address]
CITY: [City]
STATE: [State]
ZIP CODE: [Zip Code]
PHONE: [Phone Number]
FAX: [Fax Number]
E-MAIL: [Email Address]

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Chewron

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # <u>1</u>	B. MANUFACTURED BY: <u>unkn</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>unkn</u>	D. TANK CAPACITY IN GALLONS: <u>1,000</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input checked="" type="checkbox"/> 4 OIL	B. <input type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED	<input type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 6 AVIATION GAS
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED	<input type="checkbox"/> 4 GASAHOL	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED	<input type="checkbox"/> 5 JET FUEL	<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A 1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED _____ C. A. S. #: _____

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input checked="" type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input checked="" type="checkbox"/> 95 UNKNOWN
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		<input type="checkbox"/> 4 PHENOLIC LINING
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) <u>unkn</u>		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>unkn</u>

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U 1 SUCTION	<input type="checkbox"/> A <input type="checkbox"/> U 2 PRESSURE	<input type="checkbox"/> A <input type="checkbox"/> U 3 GRAVITY	<input type="checkbox"/> A <input type="checkbox"/> U 99 OTHER
B. CONSTRUCTION	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U 1 SINGLE WALL	<input type="checkbox"/> A <input type="checkbox"/> U 2 DOUBLE WALL	<input type="checkbox"/> A <input type="checkbox"/> U 3 LINED TRENCH	<input type="checkbox"/> A <input type="checkbox"/> U 95 UNKNOWN
C. MATERIAL AND CORROSION PROTECTION	<input type="checkbox"/> A <input type="checkbox"/> U 1 BARE STEEL	<input type="checkbox"/> A <input type="checkbox"/> U 2 STAINLESS STEEL	<input type="checkbox"/> A <input type="checkbox"/> U 3 POLYVINYL CHLORIDE (PVC)	<input type="checkbox"/> A <input type="checkbox"/> U 4 FIBERGLASS PIPE
	<input type="checkbox"/> A <input type="checkbox"/> U 5 ALUMINUM	<input type="checkbox"/> A <input type="checkbox"/> U 6 CONCRETE	<input type="checkbox"/> A <input type="checkbox"/> U 7 STEEL W/ COATING	<input type="checkbox"/> A <input type="checkbox"/> U 8 100% METHANOL COMPATIBLE W/FRP
	<input type="checkbox"/> A <input type="checkbox"/> U 9 GALVANIZED STEEL	<input type="checkbox"/> A <input type="checkbox"/> U 10 CATHODIC PROTECTION	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U 95 UNKNOWN	<input type="checkbox"/> A <input type="checkbox"/> U 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 99 OTHER

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input checked="" type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>unkn</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>10</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
---	--	---

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Carro Stock</u>	DATE <u>2/3/90</u>
---	--------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all **NEW PERMITS, PERMIT CHANGES, REMOVALS** and/or any other **TANK INFORMATION CHANGE**.
2. This form should be completed by either the **PERMIT APPLICANT** or the **LOCAL AGENCY UNDERGROUND TANK INSPECTOR**.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the **DDA or Facility name** where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

- A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. 123456789).
- B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.)

II. TANK CONTENTS

- A. 1. If **MOTOR VEHICLE FUEL**, check box 1 and complete items B & C.
2. If not **MOTOR VEHICLE FUEL**, check the appropriate box in section A and complete items B & D.
- B. Check the appropriate box.
- C. Check the type of **MOTOR VEHICLE FUEL** (if box 1 is checked in A).
- D. Print the chemical name of the hazardous substance stored in the tank and the **C.A.S.#.** (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in **TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING** and **CORROSION PROTECTION**.
2. If **OTHER**, print in the space provided.

IV. PIPING INFORMATION

1. Circle **A** if above ground; circle **U** if underground; and circle both if applicable.
2. If **UNKNOWN**, circle; or if **OTHER**, print in space provided.
3. Indicate the **LEAK DETECTION** system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the **LEAK DETECTION** system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY OF HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THIS FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(S) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.R.C.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

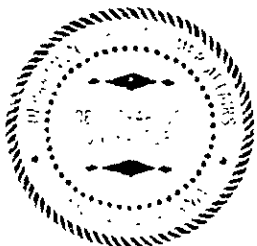


Building Quality



HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination.



Qualifier: DAVID BAILEY NEFF

License No.: 702214

Business Name: GOLDEN WEST ENVIRONMENTAL SERVICES, INC.

WITNESS my hand and official seal this
1ST day of FEBRUARY 1995

David R. Phillips
Registrar of Contractors

13L-36 (12 91)

This certification is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

A 6453

State of California

Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code
and the Rules and Regulations of the Contractors State License Board,
the Registrar of Contractors does hereby issue this license to:

GOLDEN WEST ENVIRONMENTAL SERVICES INC



to engage in the business or act in the capacity of a contractor
in the following classification(s):

A - GENERAL ENGINEERING CONTRACTOR
HAZ - HAZARDOUS SUBSTANCES REMOVAL



Witness my hand and seal this day,

February 2, 1995

Issued February 1, 1995

Signature of Licensee

Signature of License Qualifier

Registrar of Contractors

702214

License Number

This license is the property of the Registrar of Contractors, is not
transferrable, and shall be returned to the Registrar upon demand
when suspended, revoked, or invalidated for any reason. It becomes
void if not renewed.

**STATE
COMPENSATION
INSURANCE
FUND**

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

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

ISSUE DATE: 10-01-94

POLICY NUMBER: 571-94 UNIT 0001486
CERTIFICATE EXPIRES: 10-01-95

ALAMEDA COUNTY HEALTH DEPT.
80 SWAN WAY ROOM 200
OAKLAND CA 94606

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 30 days' advance written notice to the employer.

We will also give you 30 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.

John A. Deth
PRESIDENT

EMPLOYER'S LIABILITY LIMIT: \$3,000,000.00 PER OCCURRENCE

ENDORSEMENT #2085 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 10/01/94 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

LEGAL NAME

GOLDEN WEST ENVIRONMENTAL
SERVICES/BUILDERS
567 EXCHANGE CT.
LIVERMORE CA 94551

THE D. B. NEFF CORP

THE BAILEY NEFF CORPORATION
 dba BAILEY'S BUILDING SUPPLY & HARDWARE
 567 EXCHANGE COURT
 LIVERMORE, CA 94550

WELLS FARGO BANK
 BRENTWOOD, CA 94513
 11-24/1210

1281

1281

SIX HUNDRED THREE AND
 NO/100DOLLARS

DATE

AMOUNT

03/03/95

*****\$603.00

PAY
 TO THE
 ORDER
 OF:

ALAMEDA COUNTY HEALTH

[Handwritten Signature]

Ray Menacho

 AUTHORIZED SIGNATURE

⑈001281⑈ ⑆21000248⑆0327 018180⑈

3/7/95

To Whom It May Concern:

This is an LOP site, check
 returned. If there are
 questions please call
 Susan Hugo
 Alameda County Health Agency
 Dept of Environmental Protection
 1131 Harbor Bay Parkway, 2nd Fl
 Alameda, CA 94502
 (510)567-6700

egh

Z 773 036 431



**Receipt for
 Certified Mail**

No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

Sent to		<i>BAILEY NEFF CORP.</i>	
Street and No.		<i>567 EXCHANGE CT.</i>	
P.O., State and ZIP Code		<i>LIVERMORE, CA 94550</i>	
Postage		\$	
Certified Fee			
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered			
Return Receipt Showing to Whom, Date, and Addressee's Address			
TOTAL Postage & Fees		\$	
Postmark or Date			

PS Form 3800, March 1993

Fold on line over top of envelope to the
 right of the return address

CERTIFIED

Z 773 036 431

MAIL

THE BAILEY NEFF CORPORATION dba BAILEY'S BUILDING SUPPLY & HARDWARE 567 EXCHANGE COURT LIVERMORE, CA 94550

1281

CHECK# 1281
DATE 03/03/95

PAYEE ALAMEDA COUNTY HEALTH

ENVIRONMENTAL PROTECTION

MEMO CHEV/MLK

AMOUNT 603.00

95 MAR -7 PM 2:08

Check returned - site is an LOP case.

*Sy Hugo
3/7/95*

THE BAILEY NEFF CORPORATION
dba BAILEY'S BUILDING SUPPLY & HARDWARE
567 EXCHANGE COURT
LIVERMORE, CA 94550

WELLS FARGO BANK
BRENTWOOD, CA 94513
11-24/1210(8)

1281

1281

SIX HUNDRED THREE AND
NO/100DOLLARS

DATE

AMOUNT

03/03/95

*****\$603.00

PAY TO THE ORDER OF:

ALAMEDA COUNTY HEALTH

[Signature]
Ray Menacho
AUTHORIZED SIGNATURE

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

H

Certified Mailer # Z773 036 428

February 14, 1995

ALAMEDA COUNTY HEALTH AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577 (cc 430-451)
Ph (510) 567-6700 FAX (510) 337-9335

Ms. Sarah Ortiz
Chevron USA, Inc.
P.O. Box 5004
San Ramon, CA 94583

RE: Chevron Station #91583
5509 Martin Luther King Jr. Way
Oakland, CA 94609

NOTICE OF LEGAL OBLIGATION

Dear Ms. Ortiz:

On November 10, 1994 an inspection of the above listed facility revealed the presence of a 1000 gallon waste oil tank that has not been in use since a new franchisee took over the business in January of 1994.

In accordance with the California Code of Regulations, Title 23, Chapter 3, Subchapter 16, Article 7, Section 2670; you are required to submit an underground tank closure plan to this department within 30 days of the receipt of this letter. I have enclosed a copy of this form along with the state permit A and B forms and a form letter outlining the underground tank removal process in Alameda County.

If you have any questions on this matter, please contact me at 567-6742.

Sincerely,

Ronald J. Owcarz, REHS
Hazardous Materials Specialist

Enclosures

pc: Gil Jensen, Alameda County District Attorney's Office
Cherie Woodrow, business manager

~~Steve Chu, DOP~~

Ariu Levi - file

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

June 24, 1993
STID# 2047

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Mr. Mark Miller
Chevron USA Products Company
2410 Camino Ramon
San Ramon, California 94583

**RE: Investigation / Remediation Related to an Underground
Storage Tank Unauthorized Release at Chevron Service
Station - 5509 Martin Luther King Way, Oakland, CA 94609**

Dear Mr. Miller:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the files concerning the soil and groundwater investigation/remediation at the referenced site. Underground piping modifications were performed in December 14, 1989. Soil samples collected at the bottom of the piping trenches (approximately 3 feet bgs) exhibited elevated levels of TPH as gasoline (1700 ppm) and benzene (0.14 ppm). We are in receipt of the following reports:

- * Geotest's Laboratory Report dated 12/20/89
- * Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report (1/25/90)
- * Results of Groundwater Sampling Activities (April 2, 1990) prepared by Geraghty & Miller, Inc.
- * Site Assessment Workplan (April 23, 1990) prepared by Geraghty and Miller, Inc.
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Mr. Mark Miller

RE: 5509 Martin Luther King Way, Oakland, CA 94609

June 24, 1993

Page 2 of 4

- * Quarterly Groundwater Sampling Report (May 12, 1993)
prepared by Groundwater Technology, Inc,
- * Workplan For Additional Site Assessment (June 7, 1993)
prepared by Groundwater Technology, Inc.

Based upon the review process of all the reports submitted to this office for the referenced site, the following issues needed clarification and must be addressed:

- 1) Free floating product had been detected in MW-3. Please clarify the total volume of free floating product recovered from the referenced site to date. This data must be incorporated in your quarterly report. Free product must be recovered on a regular basis. Free product removal must comply with the California Code of Regulations, Title 23, Section 2655.
- 2) Elevated levels of TPH gasoline (1700 ppm) and benzene (0.14ppm) were detected in the soil samples collected from the bottom of the piping trenches. Please clarify if any overexcavation of contaminated soil was performed and provide this office with the results of verification soil samples.
- 3) Monitoring wells MW-1, MW-2 and MW-3 detected the highest concentration of petroleum hydrocarbon contaminants including free floating product in MW-3 (from 10/05/92 to 1/05/93). Boring logs and monitoring well construction diagrams for these three wells have not been submitted to this office. Please provide this office with copies of the boring logs and monitoring well installation diagrams for MW-1, MW-2 and MW-3, including data for the placement of the screens.
- 4) Currently, there is no downgradient well on site. The extent of the soil and groundwater contamination remains undefined. The workplan for additional site assessment proposes the installation of two downgradient wells located at the property boundary. Soil borings and/or monitoring wells within ten feet downgradient of the fuel pump islands (location where the soil contamination was found in December, 1989 that initiated this investigation / remediation) must be included in the proposed additional site assessment.

Response to the items mentioned above must be provided to this office no later than July 30, 1993.

Mr. Mark Miller
RE: 5509 Martin Luther King Way, Oakland, CA 94609
June 24, 1993
Page 3 of 4

This department concurs with the basic elements of the workplan for additional site assessment. The work plan is acceptable and can be implemented with the following conditions:

- * Construction and placement of the well must adhere to the requirements specified in "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites", August, 1990. Monitoring wells must be screened to intercept free floating product and accommodate seasonal water table fluctuations.
- * Soil samples must be collected every five feet as per RWQCB's guidelines. Field instruments are acceptable as a screening tools only. Any evidence of soil contamination such as odor, visual staining or field instrument readings must be verified by analysis from a state certified laboratory.
- * Groundwater monitoring wells must be sampled on a quarterly basis and analyzed for the following target compounds: TPH gasoline, benzene, toluene, ethyl benzene and xylene. Groundwater elevation readings must be included in the quarterly monitoring program. After four quarters of non detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure by RWQCB will be determined.
- * Please submit a time schedule for all phases of the investigation and remediation activities and the anticipated time when cleanup will be completed at the site.
- * Please notify this office at least 48 hours in advance for the start up of work plan implementation so a site visit can be arranged by a representative from this office.
- * Response to item #4 listed above must be addressed.

A report must be submitted within **45 days** after completion of this investigation. Until cleanup is complete, you will need to submit reports to this office and to RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan

Mr. Mark Miller
RE: 5509 Martin Luther King Way, Oakland, CA 94609
June 24, 1993
Page 4 of 4

- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department or the RWQCB of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

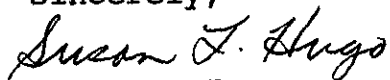
All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project. Copies of reports must also be submitted to :

Rich Hiatt
RWQCB, San Francisco Bay Region
2101 Webster Street, Fourth Floor
Oakland, California 94612

Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Rich Hiatt, San Francisco Bay RWQCB
Gil Jensen, Alameda County District Attorney's Office
Edgar B. Howell, Chief, Hazardous Materials Division - files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

June 24, 1993
STID# 2047

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Mr. Mark Miller
Chevron USA Products Company
2410 Camino Ramon
San Ramon, California 94583

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Mr. Mark Miller
RE: 5509 Martin Luther King Way, Oakland, CA 94609
June 24, 1993
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Mr. Mark Miller

RE: 5509 Martin Luther King Way, Oakland, CA 94609

June 24, 1993

Page 4 of 4

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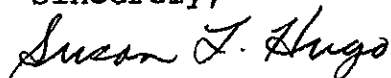
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Rich Hiett
RWQCB, San Francisco Bay Region
2101 Webster Street, Fourth Floor
Oakland, California 94612

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Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Rich Hiett, San Francisco Bay RWQCB
Gil Jensen, Alameda County District Attorney's Office
Edgar B. Howell, Chief, Hazardous Materials Division - files

Not listed
Property owner: Chevron U.S.A. Inc.

P.O. Box 5004
San Ramon, CA
94583-9050

DATE: 2/19/92
TO : Local Oversight Program
FROM: Eva Chu
SUBJ: Transfer of Eligible Oversight Case

David Johnson

Site name: Chevron Service Station # 9-1583

Address: 5509 MLK Jr. Way City Oak Zip 94609

Closure plan attached? N piping only DepRef remaining \$ ~~277,000~~ ~~277,000~~ ^{288,150}

DepRef Project # 398 STID #(if any) 2047

Number of Tanks: 4 removed? Y N ^{piping only} Date of removal 12/14/89

Leak Report filed? N Date of Discovery 12/14/89

Samples received? N Contamination: Soil / GW

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

Monitoring wells on site 2 off site Monitoring schedule? ^{??} N

Briefly describe the following:

Preliminary Assessment 90% complete - more well(s) needed

Remedial Action needs some action

Post Remedial Action Monitoring NA

Enforcement Action NA

Comments:

Soil contamination confirmed through laboratory analyses of sample collected below piping trenches during piping upgrade (modification) construction. TPH-G was discovered as high as 1,700 ppm. GW was reached in at least one of these shallow borings (?). ~~Three off-site wells were subsequently installed. GW was significantly impacted by these wells.~~
Three (3) wells were installed previously in 1983, and were relocated by Chevron's consultant. Significant GW contamination was found in samples collected from these wells, up to 3000 ug/l benzene in MW-1, downgradient of UST pit, during 3/90. ~~4 Borings, Miller proposal dated 4/13/90~~ Geraghty's Miller installed 3 additional wells in 1990 (2 off-site, 1 on-site). One off-site well, MW-5, is located adjacent to the BP Station to the South. GW shows 110 ug/l TPH-G. Gradient has shifted 90° to west.

DAILY INSPECTION LOG

Inspector: _____

Entered	Insp Date	Site ID#	OR	Company/Address Violation Codes (CAC, H&S)	Insp Time	Activity
1	/ /	_____	_____	_____	_____	394.65 105.36 <u>289.29</u>
2	/ /	_____	_____	_____	_____	105.36 394.65
3	/ /	_____	_____	_____	_____	71 1.5 <u>355</u>
4	/ /	_____	_____	_____	_____	71 <u>106.5</u>
5	/ /	_____	_____	_____	_____	_____
6	/ /	_____	_____	_____	_____	289.29 106.50 <u>182.79</u>
7	/ /	_____	_____	_____	_____	394.65 106.50 <u>288.15</u>
8	/ /	_____	_____	_____	_____	_____
9	/ /	_____	_____	_____	_____	_____
10	/ /	_____	_____	_____	_____	_____
11	/ /	_____	_____	_____	_____	_____
12	/ /	_____	_____	_____	_____	_____
13	/ /	_____	_____	_____	_____	_____

* INSPECTION TIME: In 1/2 hours
(e.g., 2 1/2 hours = 5; 90 min. = 3)

SEVERITY LEVELS 1, 2, 3:
1-extreme danger
2-significant 1-minor

INTERACTION CODES: ACTIVITY AND CATEGORY	
Activity	Category
I - regular inspection	O - Office
- Follow-up inspection	L - Legal
- Spill / release	P - Program
Q - Request, complaint inpec.	T - Training
A - Advice / consultation (phone)	1 - Generators
E - Environmental study	2 - UG Tanks
H - occupational Health	3 - Business Plans
	4 - Hazardous Waste Hauler
	5 - Emergency Response
	6 - Contaminated Site
	7 - Public lands
	8-Residential



Chevron U.S.A. Inc.

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

91 FEB 20 2:11:39

Marketing Operations

R. B. Bellinger
Manager, Operations
S. L. Patterson
Area, Manager, Operations
C. G. Trimbach
Manager, Engineering

✓ February 25, 1991

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

RE: Chevron Service Station #9-1583
5509 Martin Luther King Jr. Hwy.
Oakland, CA

Dear Mr. Wistar:

In response to the Alameda County Health Care Services Agency, Department of Environmental Health (ACHCS) letter to Chevron U.S.A. Inc. (Chevron) dated February 6, 1991, Chevron proposes to install an additional groundwater monitoring well in the vicinity of the downgradient property boundary to better define the extent of dissolved petroleum hydrocarbons in the shallow groundwater.

The above referenced letter from ACHCS requested the installation of a groundwater monitor well within 10-feet and downgradient from the location from which a soil sample was collected at the time the product piping was removed from the facility. Chevron's environmental consultant, Geraghty & Miller, Inc., recommends installing the additional well near the downgradient property boundary because it would better evaluate the extent of dissolved petroleum hydrocarbons in the shallow groundwater. Based on the results of previous groundwater assessment activities as summarized in the Geraghty & Miller, Inc.'s report dated December 15, 1990, shallow groundwater beneath the facility has been impacted by petroleum hydrocarbons. The objective of installing a groundwater monitor well within 10-feet of and downgradient from a potential source, would be to evaluate whether or not groundwater had been impacted by the petroleum hydrocarbons. Since groundwater assessment data has already shown that groundwater has been impacted by petroleum hydrocarbons, the objective of an additional groundwater monitor well should be to evaluate the downgradient extent of dissolved petroleum hydrocarbons in the shallow groundwater.

The results of the assessment activities documented in the Geraghty & Miller, Inc.'s report dated December 15, 1990, and the results obtained from the first quarterly monitoring event performed at the site on February 15, 1991, will be reviewed to select the location for the additional groundwater monitor well.

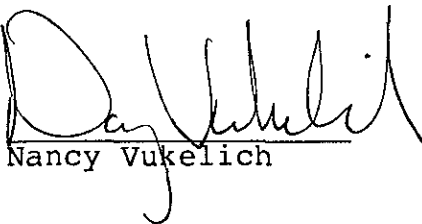
Currently, there is no downgradient well on-site

Page 2
February 25, 1991

As requested in the letter from ACHCS dated February 6, 1991, a check in the amount of \$500 is attached as an additional deposit for on-going project oversight by ACHCS.

If you have any questions regarding this letter, please do not hesitate to contact Nancy Vukelich at (415) 842-9581.

Very truly yours,
C.G. Trimbach

By 
Nancy Vukelich

NLV/jmr

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

Mr. S.A. Willar
Chevron Property Management Specialist

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



February 6, 1991

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

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

RE: **Chevron #9-1583, 5509 Martin Luther King, Jr. Way, Oakland**

Dear Ms. Vukelich:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the December 15 report submitted on the above site and prepared by Geraghty & Miller. This report documents the installation of three monitoring wells, two off-site; as of October 1990, these wells show low levels of hydrocarbon contamination or are "ND." However, the three previously installed wells showed much higher levels of contamination when last sampled in March 1990. At this time, G & M replaced all three wells' caps, which in their deteriorated condition may have permitted surface contamination to enter the wells.

The report also indicates that groundwater flows about 90 degrees to the west of the anticipated direction. This means that, as G & M point out, there is no monitoring well downgradient of the point where pipe trench "sample B," contaminated with 1,700 ppm gasoline, was taken. **Therefore, Chevron must install an additional well within 10 feet of and downgradient from, this location.** The report on this well's installation and sampling will be due with the 2nd quarter 1991 monitoring report. It will not be necessary to submit a work plan for approval prior to this well's installation.

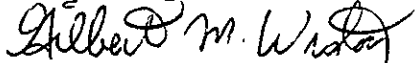
In addition, as you point out in your letter, ALL wells on-site will need to be monitored on a quarterly basis, which means that the 1st quarter 1991 sampling is due now. Depending on the outcome of the next several episodes of sampling, we may require the installation of additional wells; the objective of the investigation will be to define the limits of any hydrocarbon plume that may exist.

Please also submit an additional deposit of \$500 to us, made out to Alameda County, for ongoing project oversight. Funds on deposit for this project have been exhausted. 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 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. 25299.37 of the Health and Safety Code, may also be cited.

Ms. Nancy L. Vukelich
February 6, 1991
Page 2 of 2

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

Sincerely,



Gil Wistar
Hazardous Materials Specialist

cc: Lester Feldman, San Francisco Bay RWQCB
Rafat Shahid, Asst. Agency Director, Environmental Health
files





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 received 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



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.

- 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

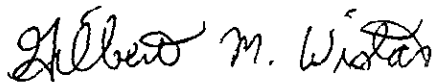
5. 1925 Barcelona St., Livermore (former Chevron #9-7314)

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)

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE		
REPORT DATE 01/25/90		CASE #		SIGNED _____ DATE _____		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT John Rendall		PHONE (415) 842 9625		SIGNATURE <i>J Rendall</i>	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME			
	ADDRESS P O Box 5004 San Ramon CA 94583					
RESPONSIBLE PARTY	NAME Same		CONTACT PERSON		PHONE ()	
	ADDRESS					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) SS # 1583		OPERATOR		PHONE ()	
	ADDRESS 5509 Martin Luther King Jr Way Oakland CA 609					
	CROSS STREET		TYPE OF AREA <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER		TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER	
IMPLEMENTING AGENCIES	LOCAL AGENCY ACEH		AGENCY NAME		CONTACT PERSON Gil Wister	
	REGIONAL BOARD BA				PHONE ()	
SUBSTANCES INVOLVED	(1) NAME Chevron Gasoline				QUANTITY LOST (GALLONS) _____ <input type="checkbox"/> UNKNOWN	
	(2)				_____ <input type="checkbox"/> UNKNOWN	
DISCOVERY/ABATEMENT	DATE DISCOVERED 1/21/89		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER			
	DATE DISCHARGE BEGAN _____ <input type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> OTHER <i>pipng modifications</i>			
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE _____					
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		TANKS ONLY/CAPACITY _____ GAL. AGE _____ YRS <input type="checkbox"/> UNKNOWN		MATERIAL <input type="checkbox"/> FIBERGLASS <input type="checkbox"/> STEEL <input type="checkbox"/> OTHER	
	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER					
CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES					
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)					
COMMENTS	Soil contamination found during pipe modification work. Consultant assigned to perform assessment.					

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety Code Section 25120.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility and surrounding area. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Provide details on tank age, capacity and material if known. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which actions have been used to cleanup or remediate the leak. Descriptions of options follow:

- Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.
- Containment Barrier - install vertical dike to block horizontal movement of contaminant.
- Excavate and Dispose - remove contaminated soil and dispose in approved site.
- Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).
- Remove Free Product - remove floating product from water table.
- Pump and Treat Groundwater - generally employed to remove dissolved contaminants.
- Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
- Replace Supply - provide alternative water supply to affected parties.
- Treatment at Hookup - install water treatment devices at each dwelling or other place of use.
- No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies in tact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Water Quality, Underground Tank Program, P. O. Box 100, Sacramento, CA 95801
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

90 FEB 13 PM 3:57

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Chevron Today's Date 12/26/89
 Site Address 5509 Martin Luther King Jr EPA ID# _____
 City Oakland Zip 94601 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

IA GENERATOR (Title 22)

- | | | |
|-------------------|-----------------------------|---------|
| Manifest | 1. Waste ID | * 66471 |
| | 2. EPA ID | 66472 |
| | 3. > 90 days | 66508 |
| | 4. Label dates | 66508 |
| | 5. Biennial | 66493 |
| Manifest | 6. Records | 66492 |
| | 7. Correct | 66484 |
| | 8. Copy sent | 66492 |
| | 9. Exception | 66484 |
| | 10. Copies Rec'd | 66492 |
| Misc. | 11. Treatment | 66371 |
| | 12. On-site Disp. (H.S.&C.) | 26189.5 |
| | 13. Ex Haz. Waste | 66570 |
| Prevention | 14. Communications | 67121 |
| | 15. Aisle Space | 67124 |
| | 16. Local Authority | 67126 |
| | 17. Maintenance | 67120 |
| | 18. Training | 67105 |
| Conlin. Agency | 19. Prepared | 67140 |
| | 20. Name List | 67141 |
| | 21. Copies | 67141 |
| | 22. Emg. Coord. Trng. | 67144 |
| Containers, Tanks | 23. Condition | 67241 |
| | 24. Compatibility | 67242 |
| | 25. Maintenance | 67243 |
| | 26. Inspection | 67244 |
| | 27. Buffer Zone | 67246 |
| | 28. Tank Inspection | 67259 |
| | 29. Containment | 67245 |
| | 30. Safe Storage | 67261 |
| | 31. Freeboard | 67257 |

Comments:

1:00
 Reinspected leaking vent riser behind station bldg. The joint (90° elbow) was uncovered and the riser tightened. Pressure was brought up to ~ 50 psi and the joint soaped. No leak detected
 O.F.D. was also on-site to do an inspection

IB TRANSPORTER (Title 22)

- | | | |
|----------|---------------------------|-------|
| Manifest | 32. Applic./Insurance | 66428 |
| | 33. Comp. Cert./CHP Insp. | 66448 |
| | 34. Containers | 66465 |
| Manifest | 35. Vehicles | 66465 |
| | 36. EPA ID #s | 66531 |
| | 37. Correct | 66541 |
| | 38. HW Delivery | 66543 |
| | 39. Records | 66544 |
| Cont'rs | 40. Name/ Covers | 66545 |
| | 41. Recyclables | 66800 |

Rev 6/88

Contact: John Mc Mahon
 Title: Foreman
 Signature: [Signature]

Inspector: _____
 Signature: [Signature]

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ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

II, III

Site ID # _____ Site Name Chvron Today's Date 12/26/89

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Sids. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Site Address 5509 Martin Luther King, Jr.

City Oakland Zip 94609 Phone _____

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

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ___ II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N)
- ___ 14. OnSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(i)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

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

Comments:

Product piping pressurized to approx 100 psi.
 Vent lines (3) pressurized 50-60 psi. System
 had been pressurized for approx 1/2 hour before
 my arrival at 9:05 Am. The system was
 observed for 45 minutes. All joints, where
 threaded, were soaped. No pressure drop
 noted in either product or vent piping*. A minor
 leak was repaired in a threaded joint before my arrival.
 Oakland F.D. expected at 1:00 PM to inspect
 installation. The system will remain pressurized
 for the duration.

* A leak was noted at the end of the test period
 at the vent stand pipe, the center of three (3),
 at the rear of the facility. This will require that
 this section be jackhammered in order to repair the
 joint. The leak is minor ≤ 5 psi @ 50 psi
 during the last hour test period.

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|---|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Gndwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| New Tanks | ___ 7. Precls Tank Test 2643 |
| | Date: _____ |
| | ___ 8. Inventory Rec. 2644 |
| | ___ 9. Soil Testing. 2646 |
| | ___ 10. Ground Water. 2647 |
| | ___ 11. Monitor Plan 2632 |
| | ___ 12. Access. Secure 2634 |
| | ___ 13. Plans Submit 2711 |
| | Date: _____ |
| | ___ 14. As Built 2635 |
| Date: _____ | |

Rev 8/88

Contact: John McMahon
 Title: Foreman
 Signature: [Signature]

Inspector: [Signature]
 Signature: [Signature]

II, III

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 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

II, III

Site ID # _____ Site Name Chevron Today's Date 12/19/89

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N) _____
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(i)
- ___ 18. Exemption Request? (Y/N) _____
- ___ 19. Trade Secret Requested? 25536

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670
6. Method
- 1) Monthly Test
 - 2) Daily Vadose
Semi-annual groundwater
One time soil
 - 3) Daily Vadose
One time soil
Annual tank test
 - 4) Monthly Gndwater
One time soil
 - 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
 - 6) Daily Inventory
Annual tank testing
Cont pipe leak det
 - 7) Weekly Tank Gauge
Annual tank testing
 - 8) Annual Tank Testing
Daily Inventory
 - 9) Other _____
- 7. Precs Tank Test 2643
Date: _____
 - 8. Inventory Rec. 2644
 - 9. Soil Testing 2646
 - 10. Ground Water 2647
- 1. Monitor Plan 2632
 - 2. Access. Secure 2634
 - 3. Plans Submit 2711
Date: _____
 - 1. As Built 2635
Date: _____

Site Address 5509 Martin Luther King, Jr.
 City Oakland, CA Zip 94609 Phone _____

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

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ___ II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

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

Comments:

Service station is replacing underground pipeline system. Fiberglass trench being installed as secondary containment. Test today involves the integrity of this line system.

Trench appears to be holding water - 24-hour test on most sections, visual inspection on others. There are spaces for 3 monitoring points.

Slope / flow test performed on trench system - water drains as expected from highest point (pumps) to lowest point (tanks).

Contact: J.M. McMahon (Ch. Stevens)
 Title: Foreman
 Signature: J.M. McMahon

Inspector: _____
 Signature: Gilbert M. Wisla

II, III

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 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Chevron Station Today's Date 12/14/89

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Slids. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Site Address 5509 Martin Luther King Jr.

City Oakland Zip 94609 Phone _____

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

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N) 25524(c)
- ___ 14. OffSite Conseq. Assess. 25534(d)
- ___ 15. Probable Risk Assessment 25534(e)
- ___ 16. Persons Responsible 25534(f)
- ___ 17. Certification 25534(g)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

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

Comments:

Removal and replacement of piping.
 Soil samples collected below old fiberglass pipe -
 a total of 6 shallow samples taken from
 beneath and adjacent to pump islands.
 Cynthia Wong from Chevron specified
~~one~~ ^{one} deeper samples as well, to try to get
 to uncontaminated soil.

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670

Monitoring for Existing Tanks

- ___ 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
 - Semi-annual groundwater
 - One time soils
 - 3) Daily Vadose
 - One time soils
 - Annual tank test
 - 4) Monthly Gndwater
 - One time soils
 - 5) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - Vadose/gndwater mon.
 - 6) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - 7) Weekly Tank Gauge
 - Annual tank tsg
 - 8) Annual Tank Testing
 - Daily inventory
 - 9) Other _____

- ___ 7. Precs Tank Test 2643
- Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing . 2646
- ___ 10. Ground Water. 2647

- New Tanks
- ___ 11. Monitor Plan 2632
 - ___ 12. Access. Secure 2634
 - ___ 13. Plans Submit 2711
 - Date: _____
 - ___ 14. As Built 2635
 - Date: _____

Rev 6/88

Contact: Cynthia C. Wong
 Title: Chevron Engineer
 Signature: Cynthia C. Wong

Inspector: _____
 Signature: William M. Weston

II, III

8. Contact Person for Investigation

Name Darryl Hovander Title Engineer
Phone 415/842-9518

9. Total No. of Tanks at facility 4

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

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name Erickson EPA I.D. No. CA D009466392
Address 255 Park Blvd.
City Richmond State CA Zip 94801

b) Rinsate Transporter

Name N/A EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

c) Tank Transporter

Name N/A EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

d) Tank Disposal Site

Name N/A EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

e) Contaminated Soil Transporter

Name ~~Eric Erickson~~ Erickson EPA I.D. No. CAD 009466392
Address 255 Parr Blvd.
City Richmond state CA zip 94801

12. Sample Collector

Name ~~NMA~~
 Company Geotest
 Address P.O. Box 90911
 city Long Beach state CA zip 90809 Phone _____

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
	gasoline NMA	soil	6 inches below pipe joints in trench

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

If yes, describe. _____

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

If yes, describe. _____

An explosion proof combustible gas meter shall be used to verify tank inertness.

16. Laboratories

Name ~~NMA~~ Geotest
 Address P.O. Box 90911
 city Long Beach state CA zip 90809-0911
 State Certification No. _____

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 understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan 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) _____

Signature _____

Date _____

Signature of Site Owner or Operator

Name (please type) Chevron, U.S.A.

Signature [Handwritten Signature]

Date 09 JANUARY 1989

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. After approval of plan, notification of at least two (2) working days (48 hours) must be given to this Department prior to removal of tank(s).
5. A copy of your approved plan must be sent to the landowner.
6. Triple rinse means that:
 - a) Final rinse must contain less than 100 ppm of Gasoline (EPA method 8020 for soil, or EPA method 602 for water) or Diesel (EPA method 418.1). Other methods for halogenated volatile organics (EPA method 8010 for soil, EPA method 601 for water) may be required. The composition of the final rinse must be demonstrated by an original or facsimile report from a laboratory certified for the above analyses.
 - b) Tank interior is shown to be free from deposits or residues upon a visual examination of tank interior.
 - c) Tank should be labelled as "tripled rinsed; laboratory certified analysis available upon request" with the name and address of the contractor.

If all the above requirements cannot be met, the tank must be transported as a hazardous waste.

7. Any cutting into tanks requires local fire department approval.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

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

07 February 1989
Facility #1583: Chevron
5509 Martin Luther King (Grove)
Oakland, CA 94609
DCI Job #8846

BACKGROUND & SITE SAFETY PLAN

BACKGROUND:

Existing gasoline piping to be removed and replaced. Waste oil remote fill line to be rinsed and filled with concrete.

SAFETY PROCEDURES:

Four existing tanks ((1) Regular Gasoline, (1) Unleaded Gasoline, (1) Super Unleaded Gasoline, and (1) waste oil) to remain, will be capped during the gas piping replacement process. Site and pit to be fenced. No leakage is suspected of the existing pipes, however, in the event that evidence suggests otherwise, a sample collector will be called in to analyze the situation. Aerate contaminated soil on site, if found.

Safety equipment on site shall include an explosimeter and level "C" protective clothing, in addition to the usual fire extinguishing equipment. The designated site safety officer at the job site shall be _____ of _____. Work area shall be closed with barricades and tape. Flashing lights will be on site at night. Piping shall be pressure tested as per drawing specifications. Inert gas shall be used in lieu of air testing due to the presence of gasoline in tanks. Lines are to be plugged at the remote (submersible) pumps. Impact valves are to be closed at dispensers to protect dispenser meters. Surge test lines to 50 psig for five cycles. Second pressure test to be conducted as per drawings. Vapor blockage tests shall also be performed.

IN AN EMERGENCY:

Poison Control Center
San Francisco 415-476-6600
or 800-523-2222

Providence Hospital
3100 Summit Street 415-835-4500
Oakland

Peralta Hospital
450 30th Street 415-451-4900
Oakland

Or dial 911 for emergency assistance.

GENERAL HOSPITAL DIRECTIONS:

Travel south on Martin Luther King Jr. Way to W. MacArthur. Go east (left) on W. MacArthur to Telegraph Avenue. Head south (right) on Telegraph to 30th Street. See map below.

5509 MARTIN LUTHER KING at 55th st.
OAKLAND



**STATE
COMPENSATION
INSURANCE
FUND**

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

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

JUNE 21, 1989

POLICY NUMBER: 571-88 UNIT 0005064
CERTIFICATE EXPIRES: 10-1-89

COUNTY OF ALAMEDA
ENVIRONMENTAL HEALTH
200 SWAN WAY
OAKLAND, CA 94621

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 ³⁰~~15~~ days' advance written notice to the employer.

We will also give you ³⁰~~15~~ 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

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE
10/01/88 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

SEIBOLD CORP
P.O. BOX 728
STOCKTON, CA 95201



CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)
2/10/89

PRODUCER

CURTIS DAY & COMPANY
50 Fremont Street
San Francisco, CA 94105

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

COMPANY LETTER A	SUPERIOR NATIONAL INSURANCE COMPANY
COMPANY LETTER B	REPUBLIC INDEMNITY INSURANCE COMPANY
COMPANY LETTER C	
COMPANY LETTER D	
COMPANY LETTER E	

INSURED

R.L. STEVENS COMPANY
22240 Meekland Avenue
Hayward, CA 94541

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. **LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.**

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	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"/> OWNERS & CONTRACTORS PROTECTIVE	CBP 10074	6/04/88	6/04/89	GENERAL AGGREGATE	\$ 2000
					PRODUCTS-COMP/DPS AGGREGATE	\$ 1000
					PERSONAL & ADVERTISING INJURY	\$ 1000
					EACH OCCURRENCE	\$ 1000
					FIRE DAMAGE (ANY ONE FIRE)	\$ 50
					MEDICAL EXPENSE (ANY ONE PERSON)	\$ 5
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	CBP 10074A	6/04/88	6/04/89	CSL	\$ 1000
					BODILY INJURY (PER PERSON)	\$
					BODILY INJURY (PER ACCIDENT)	\$
					PROPERTY DAMAGE	\$
	EXCESS LIABILITY <input type="checkbox"/> OTHER THAN UMBRELLA FORM				EACH OCCURRENCE	\$
					AGGREGATE	\$
B	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY	PC 994311	2/11/89	2/11/90	STATUTORY	
					\$ 1000	(EACH ACCIDENT)
					\$ 1000	(UNEMPLOYMENT BENEFITS)
	OTHER				\$ 1000	(DISEASE-EACH EMPLOYEE)

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

PRODUCER'S REPRESENTATIVE

ALAMEDA HAZARDOUS WASTE
80 Swan Way
Oakland, CA 94621

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OF LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE



CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)
2/10/89

PRODUCER

CURTIS DAY & COMPANY
50 Fremont Street
San Francisco, CA 94105

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

COMPANY LETTER	A	SUPERIOR NATIONAL INSURANCE COMPANY
COMPANY LETTER	B	REPUBLIC INDEMNITY INSURANCE COMPANY
COMPANY LETTER	C	
COMPANY LETTER	D	
COMPANY LETTER	E	

INSURED

R.L. STEVENS COMPANY
22240 Meekland Avenue
Hayward, CA 94541

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. **LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.**

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS IN THOUSANDS	
A	GENERAL LIABILITY	CBP 10074	6/04/88	6/04/89	GENERAL AGGREGATE	\$ 2000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OPS AGGREGATE	\$ 1000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCURRENCE				PERSONAL & ADVERTISING INJURY	\$ 1000
	OWNER'S & CONTRACTORS PROTECTIVE				EACH OCCURRENCE	\$ 1000
					FIRE DAMAGE (ANY ONE FIRE)	\$ 50
					MEDICAL EXPENSE (ANY ONE PERSON)	\$ 5
A	AUTOMOBILE LIABILITY	CBP 10074A	6/04/88	6/04/89	CSL	\$ 1000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (PER PERSON)	\$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (PER ACCIDENT)	\$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE	\$
	<input type="checkbox"/> HIRED AUTOS					
<input type="checkbox"/> NON-OWNED AUTOS						
<input type="checkbox"/> GARAGE LIABILITY						
	EXCESS LIABILITY				EACH OCCURRENCE	AGGREGATE
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM				\$	\$
B	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY	PC 994311	2/11/89	2/11/90	STATUTORY	
					\$ 1000	(EACH ACCIDENT)
					\$ 1000	(UMBRELLA POLICY LIMIT)
					\$ 1000	(UMBRELLA EACH EMPLOY)
	OTHER					

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

CERTIFICATE HOLDER

ALAMEDA HAZARDOUS WASTE
80 Swan Way
Oakland, CA 94621

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OF LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE



CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)
2/10/89

PRODUCER

CURTIS DAY & COMPANY
30 Fremont Street
San Francisco, CA 94105

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.

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	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				\$ 2000	
	<input type="checkbox"/> CLAIMS MAIL <input checked="" type="checkbox"/> OCCURRENCE				PRODUCTS-COMP/OPS AGGREGATE	
	<input type="checkbox"/> OWNERS & CONTRACTORS PROTECTIVE				\$ 1000	
					PERSONAL & ADVERTISING INJURY	
					\$ 1000	
					EACH OCCURRENCE	
		\$ 1000				
		FIRE DAMAGE (ANY ONE FIRE)	\$ 50			
		MEDICAL EXPENSE (ANY ONE PERSON)	\$ 5			
A	AUTOMOBILE LIABILITY	CBP 10074A	6/04/88	6/04/89	CSL	\$ 1000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (PER PERSON)	\$ 00
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (PER ACCIDENT)	\$ 00
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE	\$ 00
	<input type="checkbox"/> HIRED AUTOS					\$ 00
	<input type="checkbox"/> NON-OWNED AUTOS					\$ 00
	<input type="checkbox"/> GARAGE LIABILITY					\$ 00
		EACH OCCURRENCE	\$ 00	AGGREGATE	\$ 00	
		OTHER THAN UMBRELLA FORM				
B	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY	PC 994311	2/11/89	2/11/90	STATUTORY	
					\$ 1000	(EACH ACCIDENT)
					\$ 1000	(DISABLE POLICY LIMIT)
					\$ 1000	(UMBRELLA POLICY LIMIT)
	OTHER					

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AUTHORIZED REPRESENTATIVE

Thompson Buchanan