

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

StId 642

November 17, 1995

Attn: Kenneth Kan
Chevron U.S.A. Products Co.
Site Assessment & Remediation Group
PO Box 5004
San Ramon CA 94583-0804

**Subject: CLOSURE OF UNDERGROUND STORAGE TANKS at
19201 Center St., Castro Valley, CA 94546**

Dear Mr. Kan:

Thank you for forwarding to us Touchstone Developments' Underground Storage Tank Removal, Overexcavation, and Sampling Report, dated September 22, 1995; Gettler-Ryan Inc.'s Groundwater Sampling Report, dated August 29, 1995; and letter from Chevron U.S.A. Products Company dated November 16, 1995. These reports documented the removal of four underground storage tanks, overexcavation of soil, and sampling of groundwater at the Former Chevron Service Station located at 19201 Center St., Castro Valley, CA. After review of these report, it is our opinion that the three 10,000-gallon gasoline tanks and one 1,000-gallon waste oil tank were closed in compliance with Title 23 of the California Code of Regulations. Per your letter dated November 16, 1995, it is our understanding that the underground storage tanks removed from this site were not manifested for disposal and may be recertified for re-use at another Chevron location.

No further investigations or cleanup actions are required. Please be aware that further work may be required if conditions change or a water quality threat is discovered at this site.

If you have any further questions concerning this matter, please contact this office at (510)567-6700.

Sincerely,

Handwritten signature of Amy Leech in cursive.

Amy Leech
Hazardous Materials Specialist

c: Touchstone Developments
17170 Keaton Ave
Sonoma CA 94576

Acting Chief of Environmental Protection - File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

REMEDIAL ACTION COMPLETION CERTIFICATION

May 25, 1994

Mr. Kenneth Kan
Chevron USA
P.O.Box 5004
San Ramon, CA 94583-0804

StID 642 - 19201 Center St, Castro Valley, CA

Dear Mr. Kan:

This letter confirms the completion of site investigation and remedial action for the four former steel underground storage tanks removed in 1983 from the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, this office has determined that no further action is required at this time.

Based on the information submitted and current requirements, the RWQCB has also accepted the determination of this agency that no further action is required at this time. Further work could be required if conditions change or a water quality threat is discovered at the site.

If you have any questions regarding this letter, please give Mr. Scott Seery a call at (510) 271-4530.

Very truly yours,

Rafat A. Shahid
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division
Rich Hiett, RWQCB
Mike Harper, SWRCB (with attachment)
files

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: February 10, 1994

Agency name: Alameda County-HazMat Address: 80 Swan Wy., Rm 200
City/State/Zip: Oakland Phone: (510) 271-4320
Responsible staff person: Scott Seery Title: Sr. Haz Materials Spec.

II. CASE INFORMATION

Site facility name: Chevron Station 9-3356
Site facility address: 19201 Center St., Castro Valley, CA
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 642
URF filing date: 6/22/89 SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:

1. Dorothy Lorenzetti P.O.Box 5004
Trust, c/o Chevron San Ramon, CA 94583-0804
2. Chevron USA P.O.Box 5004
Attn. Ken Kan San Ramon, CA 94583-0804

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1.	6,000	Gasoline	Removed	Dec 1983
2.	5,000	Gasoline	Removed	Dec 1983
3.	2,000	Diesel (?)	Removed	Dec 1983
4.	550	Waste Oil	Removed	May 1983

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Hole in tank
Site characterization complete? YES
Date approved by oversight agency: October 1989
Monitoring Wells installed? YES Number: 3
Proper screened interval? YES
Highest GW depth below ground surface: 11.00' Lowest depth: 19.81'
Flow direction: S-SW
Most sensitive current use: Unknown
Are drinking water wells affected? Unknown Aquifer name: Unknown
Is surface water affected? NO Nearest affected SW name: N/A
Off-site beneficial use impacts (addresses/locations): Unknown

Report(s) on file? YES Where is report(s) filed? Alameda County
80 Swan Wy., Rm 200
Oakland CA 94621

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> <u>(include units)</u>	<u>Action (Treatment</u> <u>or Disposal w/destination)</u>	<u>Date</u>
Tank	No documentation on file		
Piping			
Free Product			
Soil			
Groundwater			
Barrels			

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppb)</u>	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)		9.9	23	ND
TPH (Diesel)		2.9		
Benzene		.091	1	ND
Toluene		ND	4	ND
Ethylbenzene		.10	1	ND
Xylenes		.49	4	ND
Oil & Grease		250	1000	ND
Heavy metals				
Organic lead			ND	
Other				

Comments (Depth of Remediation, etc.):

A hole was noted in one of the USTs removed in 1983. But it was not until March 2, 1989 when a soil gas survey was conducted. This investigation identified elevated levels, up to 830 ppm TVH, in soils. Three MWs were installed to delineate extent of soil and water contamination.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **Undetermined**
 Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **Undetermined**
 Does corrective action protect public health for current land use? **YES**
 Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**
 Monitoring wells Decommissioned: **NO**
 Number Decommissioned: **3 (upon site closure)** Number Retained: **None (once site closed)**
 List enforcement actions taken: **None**
 List enforcement actions rescinded: **None**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Scott Seery

Title: Sr. Haz Mat Spec.

Signature: 

Date: 2-10-94

Reviewed by

Name: Eva Chu

Title: Haz Mat Specialist

Signature: 

Date: 2/10/94

Name: Juliet Shin

Title: Haz Mat Specialist

Signature: 

Date: 2/10/94

VI. RWQCB NOTIFICATION

Date Submitted to RB: February 10, 1994

RB Response: No comments

RWQCB Staff Name: Rich Hiett

Title: Sr. San Engr. Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

This site is currently an active Chevron service station with four underground storage tanks (USTs) and two dispenser islands.

Four USTs were removed in 1983 (3 fuel and 1 W.O.). The replacement tanks were double walled fiberglass tanks, placed in the same pit as the former USTs. At the time of removal, a hole was noted in one of the tank bottoms. No soil samples from beneath the USTs were collected at this time. However, a soil gas vapor test was conducted in March 1989, indicating elevated levels of total volatile hydrocarbons (up to 830 ppm) near the SW end of both the tank pit and dispenser island. Further investigations began in August 1989, with the advancement of 3 soil borings (2 of the locations corresponded to the area which displayed elevated levels from the soil vapor study, and the 3rd soil boring was by the W.O. pit). These borings were converted into monitoring wells. Saturated soils were encountered at different depths in each of the borings. Monitoring wells MW-1, MW-2, and MW-3 were screened from 15-35', 10-30', and 19-39', respectively. Groundwater samples have been collected for over 15 quarters. Groundwater flow direction has generally been toward the south, south west. Initial groundwater samples collected in September 1989 detected 23 ppb TPH-G, and 1.0 ppb benzene in MW-2, and 1,000 ppb TOG in MW-3. Subsequent sampling did not detect contaminants above the MCL for primary drinking water standards, established by DHS, except for benzene in well MW-2 (2, and 9 ppb in May 1990 and January 1991, respectively). In July 1993, MW-2 exhibited 830 ppb TPH-G as a result of only a single peak in the chromatogram. Chevron Research Company identified the single peak in the chromatogram as methanol, which was used to prepare the sample.

Groundwater has not been significantly affected by the release of petroleum hydrocarbon products at this site.

chevron.cv

EMERGENCY RESPONSE EQUIPMENT

- 56) Equipment Location _____
- 57) Equipment Inspector _____
- 58) Inspection Frequency _____

59) Personal Protective Equipment

- _____ Boots
- _____ Chemical resistant suit
- _____ Face shield
- _____ Gloves
- _____ Helmet
- _____ Respiratory protection
- _____ Other _____
- _____
- _____

60) Spill Control Equipment

- _____ Absorbent
- _____ Brooms
- _____ Neutralizers
- _____ Pumps/Vacuums
- _____ Spill cart
- _____ Vapor Scrubber
- _____ Other _____
- _____
- _____

61) Communications Devices

- _____ Portable Radios
- _____ Telephones
- _____ Pagers
- _____ Other _____
- _____
- _____