



California Regional Water Quality Control Board
San Francisco Bay Region



Dr. Alan Lloyd
Secretary for
Environmental
Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
<http://www.waterboards.ca.gov/sanfranciscobay>

Arnold Schwarzenegger
Governor

Date: January 14, 2005
File No.: 07-0437(MYM)

Chevron Environmental Management Company
Att: Tom Bauhs
6001 Bolinger Canyon Road
San Ramon, CA 94953

**SUBJECT: Transmittal of Case Closure Letter and Site Closure for 1705 Contra Costa Boulevard, Pleasant Hill, Contra Costa County
UST Case No. 07-0437**

Dear Mr. Bauhs:

Attached, please find the uniform underground storage tank closure letter and site closure summary for the subject site.

The existing monitoring wells that no longer will be used should be properly destroyed pursuant to the Contra Costa County monitoring well abandonment guidelines. For information regarding these guidelines, please contact the county's Department of Environmental Health at (925) 646-5225.

If you have any questions regarding this letter, please contact Martin Musonge at (510) 622-2396 or e-mail: mmusonge@waterboards.ca.gov.

Sincerely,

Bruce H. Wolfe
Executive Officer

Enclosure:

Closure letter dated January 14, 2005
Site Summary Form dated January 3, 2005

Mr. Bauhs
UST Case No. 07-0437
Page 2

Cc w/enclosure:

Allan Patton
Cleanup Fund Section
State Board
P.O. Box 100
Sacramento, CA 95812

Bob Winzlau
TERRADEX
855 El Camino Real, Suite No. 311
Palo Alto, CA 94301



California Regional Water Quality Control Board
San Francisco Bay Region



Dr. Alan Lloyd
Secretary for
Environmental
Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
<http://www.waterboards.ca.gov/sanfranciscobay>

Arnold Schwarzenegger
Governor

Date: January 14, 2005
File No.: 07-0437(MYM)

Chevron Environmental Management Company
Att: Tom Bauhs
6001 Bolinger Canyon Road
San Ramon, CA 94953

**SUBJECT: Underground Storage Tank (UST) Case Closure for 1705 Contra Costa
Boulevard, Pleasant Hill, Contra Costa County
UST Case No. 07-0437**

Dear Mr. Bauhs:

This letter confirms the completion of a site investigation and remedial action for the underground storage tank(s) formerly located at the above described location. Thank you for your co-operation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank(s) release is required.

This notice is issued pursuant to a regulation contained in Section 2721(e) of Title 23 of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Bruce H. Wolfe
Executive Officer

SITE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: January 3, 2005

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2396
Responsible Staff Person: M. Musonge	Title: Water Resources Control Engineer

II. SITE INFORMATION

Site Facility Name: Former Chevron Service Station 9-6817				
Site Facility Address: 1705 Contra Costa Boulevard, Pleasant Hill, California 94523				
RB Case Nos.: 07-0437	Local or LOP Case No.: 62918	Priority: Low		
URF Filing Date: 1986	SWEEPS No.:			
Responsible Parties (include addresses and phone numbers)				
Chevron Environmental Management Company 6001 Bolinger Canyon Road, San Ramon, California, 94853 Attn. Mr. Tom Bauhs, Mail Stop K2204 Voice: 925-842-8898				
Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1	10,000	Gasoline	Replaced	May 1986
2	10,000	Gasoline	Replaced	May 1986
3	5,000	Gasoline	Replaced	May 1986
4	1,000	Waste Oil	Removed	May 1986

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown		
Site characterization complete? Yes	Date Approved by Oversight Agency: Varies	
Monitoring wells installed? Yes	Number: 7	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 19.5 ft	Lowest Depth: 5.5 ft	Flow Direction: Northwest
Most Sensitive Current Use: Drinking Water (Not used in area where groundwater is impacted)		
Most Sensitive Potential Use: Drinking Water (Probable use is low)		
Are drinking water wells affected? No	Aquifer Name: Ygnacio Valley Groundwater Basin	
Is surface water affected? No	Nearest surface water name: Grayson Creek	
Off-Site Beneficial Use Impacts (Addresses/Locations): None		
Report(s) on file? Yes	Where is report(s) filed? SFRWQCB	

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	4 Tanks	Disposed	1986
Piping	Not specified	Disposed	1995
Free Product	None	--	---
Soil	None	---	---
Groundwater	1,900,000 Gallons	Treated and Discharged	1991-1996
Barrels	None	--	---

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP									
POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPH(g)	770 ¹	NS	110,000 ⁴	2,200 ²	Lead	7.1	NS	NS	NS
Benzene	2.2 ¹	NS	12,000 ⁴	12 ²	PCE	328 ³	NS	5,000 ¹⁰	750 ⁷
Toluene	.32 ¹	NS	7,100 ⁴	<1 ⁶	TCB	86 ³	NS	3,600 ¹¹	240 ⁷
Ethyl Benzene	1.6 ¹	NS	2,500 ⁴	4 ²	VC	ND	NS	1,000 ¹²	<1.0 ⁷
Xylenes	3.7 ¹	NS	12,000 ⁴	2 ²	T-1,2-DCE	ND	NS	870 ¹²	12 ⁷
MDE	ND	NS	570 ⁴	160 ²	C-1,2-DCE	ND	NS	2,900 ¹¹	430 ⁷

Comments:

1. Soil Boring P-3 at 3.5 feet collected on 11/9/95
2. Soil Boring for P-1 collected at 3.5 feet collected on 11/9/95
3. Soil Boring for Well EA-3 at 5-10 feet collected on 8/88
4. Various groundwater samples from Well MW-D collected during 1989 and 1990
5. Groundwater sample Well EA-5 on 5/22/00
6. Groundwater sample Well MW-D on 5/03/04
7. Groundwater sample Well EA-3 on 5/03/04
8. Groundwater sample Well EA-2 on 5/03/04
9. Groundwater sample Well EA-5 on 5/03/04
10. Groundwater sample EA-3 on 1/03/89
11. Groundwater sample EA-2 on 5/12/03
12. Groundwater sample MW-C and MW-D on 1/03/89

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Yes		
Site Management Requirements: Yes, see comments.		
Monitoring Wells Decommissioned: 0 to date	Number Decommissioned: 6	Number Retained: 1
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC., THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Title: Closure Request, Former Chevron Service Station 9-6817	Date: 9/13/2004
Title: Closure Request -- Supplemental Information	Date: 10/14/2004
Title	Date:
Title	Date:

VI. ADDITIONAL COMMENTS, DATA, ETC.

1. A site map indicating the former UST location, monitoring well locations (marked to be "destroyed"), groundwater gradient, and the site management zone that encompasses the area where residual contamination may be encountered in soil or groundwater.
2. Petroleum hydrocarbons and halogenated volatile organic compounds (HVOCs) will persist on the Site and into the public right-of-way of Linda Avenue, Dorris Drive and Contra Costa Boulevard. The petroleum hydrocarbons and HVOCs are stable, and both the petroleum hydrocarbons and HVOCs appear to be naturally attenuating, though the petroleum hydrocarbons are attenuating more rapidly.
3. A site management plan will be maintained until the residual petroleum hydrocarbons and HVOCs no longer pose a threat. Currently, there appears to be no threat to public health, the environment or water resources. Future potential threats, though not expected, can be limited through implementation of a site management plan. The site management plan will monitor for future land activities (Figure 1) that indicate either 1) future construction worker contact with soil, 2) relocation of occupied structures to current on-site carwash (residual HVOCs are present), 3) future environmental receptor contact with soil, or 4) future use of groundwater for drinking water or agricultural. The site management plan provides a mechanism for Chevron Environmental Management Company to mitigate the health and environmental impact of these activities.
4. A deed restriction is not necessary for this closure given that the site management program will be maintained for ten years, and then terminate.
5. Residual hydrocarbons do not appear to pose a current or potential threat to public health, the environment or water resources. Current land use on-site is as an active retail station, and the off-site is primarily within streets surrounding the Site, though some impact may extend across Linda Avenue. Current land uses and activities do appear at risk based upon risk assessments and site reconnaissance. When and if future land use changes or new activities occur, the site management plan provides a mechanism to detect, evaluate, and mitigate any adverse impact the petroleum hydrocarbons or HVOCs may pose.

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.