



August 13, 1997

Ms. Tammy Hodge
Chevron Products Company
6001 Bollinger Canyon Road, Building L
San Ramon, CA 94583-0804

Re: **Site Information Summary for Case Closure**
Chevron Service Station 9-2384
15526 Hesperian Boulevard
San Lorenzo, California
Cambria Project No. 310-0646-001

Dear Ms. Hodge:

As you requested, Cambria Environmental Technology, Inc. (Cambria) has reviewed Chevron's San Ramon project file for the above referenced site and has completed the attached Case Closure Form.

Based on available information, we believe the risk to human health and to the environment due to limited hydrocarbon releases at this site is low. The most current ground water data available from February 2, 1996, indicates that no petroleum hydrocarbons were detected above maximum contaminant levels for drinking water (MCLs). Although the ground water sample from MW-8 contained 76 ppb methyl-tertiary-butyl-ether (MTBE), the site is no longer dispersing gasoline and the MTBE concentration should decrease to below MCLs in the near future. Therefore, the site appears to be a candidate for case closure.

We appreciate this opportunity to provide environmental consulting services to Chevron. Please call if you have any questions.

CAMBRIA

ENVIRONMENTAL
TECHNOLOGY, INC.

1144 65TH STREET,

SUITE B

OAKLAND,

CA 94608

PH: (510) 420-0700

FAX: (510) 420-9170

Sincerely,
Cambria Environmental Technology, Inc.

N. Scott MacLeod, R.G.
Principal Geologist

Attachments: A - Case Closure Summary Form
B - Supporting Site Data

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ATTACHMENT A

Case Closure Summary Form

SITE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: 7/8/97

Agency Name: SF Bay Regional Water Quality Control Board	Address: 2101 Webster Street
City/State/Zip: Oakland, CA 94612	Phone: (510) 286-1255
Responsible Staff Person:	Title:

II. SITE INFORMATION

Site Facility Name: Former Chevron Service Station #9-2384				
Site Facility Address: 15526 Hesperian Blvd., San Lorenzo, CA				
RB/SMS Case No.:	Local or LOP Case No.:	Priority:		
URF Filing Date:	SWEEPS No.:			
Responsible Parties (include addresses and phone numbers)				
Chevron Products Company				
P.O. Box 5004				
San Ramon, CA 94583				
(510) 842-9500				
Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1, 2	2 x 10,000	Gasoline	Removed	5/30/91
3	5,000	Gasoline	Removed	5/30/91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Apparently product line leak; gasoline USTs failed tests in 1981 & 1990, but on both occasions tested tight after product piping was isolated. Quantity released unknown.		
Site characterization complete? Yes	Date Approved By Oversight Agency:	
Monitoring wells installed? Yes	Number: 7*	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 9.44 ft	Lowest Depth: 14.95 ft	Flow Direction: WSW to WNW
Most Sensitive Current Use: Not known		
Most Sensitive Potential Use and Probability of Use: Not known; area is probably zoned as municipal by the RWQCB Basin Plan		
Are drinking water wells affected? Not known	Aquifer Name:	
Is surface water affected? No	Nearest/Affected SW Name: San Lorenzo Creek, 1,500 ft north	
Off-Site Beneficial Use Impacts (Addresses/Locations): None Known		
Report(s) on file? Yes	Where is report(s) filed? Alameda County Environmental Health Dept.	

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank (fiberglass)	3 USTs	Removed/Disposed-not known where	5/30/91
Piping	estimated 180 feet	Removed/Disposed-not known where	5/30/91
Free Product	none		
Soil	Estimated 710 cubic yards	Excavated, aerated & used as backfill onsite	5/91-11/91
Groundwater	none	No engineered remediation performed	
Barrels	none		

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP									
POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before ¹	After ²	Before ³	After ⁴		Before ¹	After ²	Before ³	After ⁴
TPH (Gas)	2,800	400	14,000	2,100	Xylene	400	4.7	580	9.4
TPH (Diesel)	NA	NA	NA	NA	Ethylbenzene	69	6.2	980	11
Benzene	21	0.65 ⁵	910	<0.5	Oil & Grease	NA	NA	NA	NA
Toluene	110	1.1	28	<0.5	Heavy Metals (organic lead)	0.22	NA	NA	NA
MTBE	NA	NA	NA	76	Motor Oil	NA	NA	NA	NA

Comments (Depth of Remediation, etc.): Soils in the vicinity of former USTs & pump islands were over-excavated to 14.5 ft bgs in 5/91-11/91. Data is unclear as to whether all confirmatory sample locations represent final extent of excavation.

¹ Former UST pit and product line/dispenser excavation samples, 5/91-11/91, subsequently over-excavated.

² Soil boring MW-3 (5/92), except: ⁵ exploratory trench sample, 8/91.

³ Historic maximums; ⁴ Latest available data (2/29/96).

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:		
Monitoring Wells Decommissioned: yes *	Number Decommissioned: one*	Number Retained: six*
List Enforcement Actions Taken:		
List Enforcement Actions Rescinded:		

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

Title:	Date:
Blaine Tech Services, Inc., Multiple Event Sampling Report 910606-N-1	10/28/91
Blaine Tech Services, Inc., Multiple Visit Stockpile Tracking Report 911120-C-1	12/13/91
Groundwater Technology, Inc. (GTI), Environmental Assessment Report	7/16/92
GTI, Groundwater Monitoring and Activities Reports	10/26/92, 1/19/93, 4/20/93, 10/25/93
GTI, Additional Environmental Assessment Report	9/3/93

VI. ADDITIONAL COMMENTS, DATA, ETC.

PLEASE INCLUDE/ATTACH THE FOLLOWING AS APPROPRIATE:

- 1) SITE MAP INDICATING TANK PIT LOCATION, MONITORING WELL LOCATION, GROUNDWATER GRADIENT, ETC.; AND,
- 2) SITE COMMENTS WORTHY OF NOTICE (E.G., AREA OF RESIDUAL POLLUTION LEFT IN PLACE, DEED NOTICES ETC.)

The most recent groundwater monitoring data available in the files is from the February 1996 sampling events. The former UST, product line, and dispenser locations were generally excavated to low or non-detectable concentrations of hydrocarbons in 1991; however, the data is unclear as to whether some of the confirmatory sample locations represent the final extent of the excavation. The highest remaining petroleum hydrocarbon concentrations (other than benzene) in soil are from a depth of 14 feet at the original MW-3 boring location near the northwest corner of the site.

* Reference Section III & IV: The original monitoring well MW-3 was abandoned immediately after installation on 5/14/92, and immediately replaced by new well MW-3, located 10 feet away.

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

ATTACHMENT B

Supporting Site Data