



Winston H. Hickox
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

San Francisco Bay Region

Internet Address: <http://www.swrcb.ca.gov>
1515 Clay Street, Suite 1400, Oakland, California 94612
Phone (510) 622-2300 • FAX (510) 622-2460



Gray Davis
Governor

July 16, 2001
File No. 2198.17(CTH)
RB File No. 01-1348

Equiva Services LLC
Ms. Karen Petryna
P.O. Box 7869
Burbank, CA 91510-7869

Subject: Transmittal of the Closure Letter and Summary,
Former Shell Service Station at 27501 Loyola Avenue, Hayward, CA

Dear Ms. Petryna:

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

Please contact Chuck Headlee of my staff at (510) 622-2433 or cth@rb2.swrcb.ca.gov if you have any questions regarding this matter.

Sincerely,

Loretta K. Barsamian
Executive Officer

Stephen A. Hill
Chief, Toxics Cleanup Division

Enclosure: Closure Letter
Site Closure Summary

cc: Hugh J. Murphy, Hayward Fire Department
Hazardous Materials Division
777 B Street
Hayward, CA 94541

Allan Patton & Steve Mizera, SWRCB
Division of Clean Waters Programs
1001 I Street
Sacramento, CA 98512

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Equiva Services LLC
Ms. Karen Petryna
P.O. Box 7869
Burbank, CA 91510-7869

Subject: Closure Letter for Former Shell Service Station at
27501 Loyola Avenue, Hayward, CA

Dear Ms. Petryna:

This letter confirms the completion of site investigation and remedial action for the underground storage tank(s) formerly located at the above mentioned location. Thank you for your cooperation 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 tank 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,

Loretta K. Barsamian
Executive Officer

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SITE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: **June 29, 2001**

Agency Name: S. F. B. R. W. Q. C. B.	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: (510) 622-2300
Responsible Staff Person: Chuck Headlee	Title: Associate Engineering Geologist

II. SITE INFORMATION

Site Facility Name: Former Shell Service Station				
Site Facility Address: 27501 Loyola Avenue, Hayward, California 94545				
RB LUSTIS Case No. 01-1348	Local or LOP Case No.:		Priority:	
URF Filing Date: 07/20/87	SWEEPS No.: 01-003-003239			
Responsible Parties (include addresses and phone numbers) Equiva Services LLC, P.O. Box 7869, Burbank, CA 91510-7869 Contact: Karen Petryna / Tel: (559) 645-9306				
Tank No.	Size in Gallons	Contents	Closed In-Place/Removed?	Date
1	8000	Unleaded Gasoline	Installed 1970/Removed Aug 84	8/84
2	5000	Regular Gasoline	Installed 1958/Removed Aug 84	8/84
3	5000	Regular Gasoline	Installed 1958/Removed Aug 84	8/84
4	5000	Unleaded Gasoline	Installed 1958/Removed Aug 84	8/84
5	Unknown	Waste Oil	Installed 1958/Removed Aug 84	8/84
6	8000	Unleaded Gasoline	Installed 1969/Removed- Unknown	Unknown
7	8000	Regular Gasoline	Installed 1969/Removed- Unknown	Unknown
8	550	Waste Oil	Installed 1969/Removed- Unknown	Unknown
9	Unknown	Premium Gasoline	Installed 1969/Removed- Unknown	Unknown
10	1000	Product Recovery	Installed 1985/Removed 1993	1993

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown mechanism; free product found in groundwater			
Site characterization complete? Yes	Date Approved By Oversight Agency:		
Monitoring wells installed? Yes	Number: 35	Proper screened interval? Yes	
Highest GW Depth Below Ground Surface: 7.73'	Lowest Depth: 15.27'	Flow Direction: S/SE	
Most Sensitive Current Use: None KNown			
Most Sensitive Potential Use and Probability of Use: None Known			
Are drinking water wells affected? No	Aquifer Name: Unknown		
Is surface water affected? No	Nearest/Affected SW Name: NA		
Off-Site Beneficial Use Impacts (Addresses/Locations): None Known			
Report(s) on file? Yes	Where are reports filed? SFBRWQCB & Hayward Fire Department		

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL									
Material	Amount (Include Units)		Action (Treatment or Disposal w/Destination)				Date		
Tank	10 tanks: capacities range from 550-gal to 8,000-gal		9 tanks disposed of at unknown facility. 1 x 1,000-gallon disposed of at Erickson Inc., Richmond, CA				5 in 1984; 1 in 1993; 4 on unknown date		
Piping	Unknown		Removed and disposed of at unknown facility				Unknown		
Free Product	Approximately 848 lbs		Removed by groundwater extraction system. Disposal facility unknown				1985 - 1994		
Soil	Unknown		Disposal Facility unknown				Unknown		
Groundwater	15,623,280 gallons		Water disposed of in sanitary sewer under permit				1985 - 1994		
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 (Gas)	ND	ND	SPH	980	Xylene	ND	NA	SPH	130
TPH (Diesel)	NA	ND	NA	NA	Ethylbenzene	ND	NA	SPH	49
Benzene	ND	ND	SPH	68	Oil & Grease	NA	NA	NA	NA
Toluene	ND	ND	SPH	15	Heavy Metals	NA	NA	NA	NA
MTBE	NA	NA	10	<0.5	Other				
<p>Comments (Depth of Remediation, etc.): 15,623,280 gallons of water were extracted by a groundwater extraction and treatment system over a period of 9 years (5/85 through 3/94) to remove hydrocarbons from groundwater. SVE testing in 1994 removed 36.80 lbs. of TPHg and 0.21 lbs. of benzene. No separate phase hydrocarbon (SPH) has been detected in monitoring wells since 1/91. Concentrations of hydrocarbons in groundwater monitoring wells at the site continue to show decreasing trends suggesting natural attenuation processes are working.</p>									

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
<p>Site Management Requirements: Residual impacted soil or groundwater disturbed or removed during future development activities must be properly managed and disposed of. Should property use intensify, a separate site assessment shall be conducted and clearance obtained from the Regional Board for proposed more intensive use.</p>	
Monitoring Wells Decommissioned: Yes	Number Decommissioned: 6 Number Retained: 33
List Enforcement Actions Taken: None	
List Enforcement Actions Rescinded: None	

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

See attached list of correspondences and reports

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.)

Based on RWQCB criteria, the subject site can be classified as a low-risk site. Groundwater is shallow, no water supply wells are screened within the shallow groundwater zone, and no surface water features or sensitive habitats have been affected by the release at this site. Historical groundwater data indicate that source removal has been effective and that the plume is shrinking. Residual hydrocarbons in groundwater are expected to continue to undergo natural attenuation processes.

A recent *Human Health Risk Assessment* prepared for this site (May 10, 2001) concluded the property was suitable for residential development. The SF Bay RWQCB reviewed this report and concurred with this conclusion in their June 13, 2001 letter.

Geophysical testing performed during May 2001 concluded there are no remaining underground storage tanks buried at this site.

Site maps and groundwater data are included and attached to this Site Closure Summary.

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