

Case Closure Summary

Leaking Underground Fuel Storage Tank Program

I. Agency Information

Agency Name: Kern County Environmental Health Services	Address: 2700 M Street, Suite 300
City/State/Zip: Bakersfield, CA 93301	Phone: (661) 862-8743
Responsible Staff Person: Barbara D. Houghton	Title: Environmental Health Specialist IV

II. Case Information

Site Facility Name: Logrecco Property				
Site Facility Address: 1330 High Street, Delano, CA				
RB LUSTIS Case No.: T0602925877			LOC Case No.: 500040	
URF filing date: 10/31/2005				
Responsible Parties		Address		Phone No.
D.D. & Josephine (d.1994) Logrecco		Rt 1, Box 950, Delano, CA 93215		
Tank No.	Size (Gallons)	Contents	Removed/Closed in Place	Date Closed
1	350	gasoline	removed	11/2/2005
2	350	gasoline	removed	11/2/2005
3	3500	gasoline	removed	11/2/2005
4	3500	gasoline	removed	11/2/2005
		gasoline	removed	

III. Release and Site Characterization Information

Cause and type of release: Unk				
Site characterization completed: No			Date Approved by oversight agency:	
No. of Monitoring Wells Installed: 0			Appropriate Screen Interval? N/A	
Min. Depth to Groundwater (ft) bgs: ~70			Max Depth to Groundwater (ft) bgs:	
Most Sensitive Current Use of Ground Water: Municipal			Drinking Wells Affected: No	
GW Flow Direction: south			Groundwater Sub-Basin: Tulare Lake	
Surface Water Affected: No			Nearest Surface Water Body Name: N/A	
No. of Vadose Zone Wells Installed: 0			Appropriate Screen Interval? N/A	
Offsite beneficial use impacts (addresses, locations): None		Report(s) on file: Yes	File location: Local Agency	Summary Report Attached? Yes
Treatment and Disposal of Affected Material				
Material	Amount	Action	Destination	Date
Tank	4 USTS	Disposal	Sierra Recycling	11/03/2005
Rinsate	100	gallons Disposal	Der Menno/Kerdoon	10/31/2005

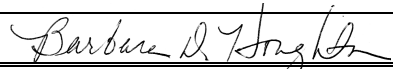
III. Release and Site Characterization Information (continued)

Maximum Documented Contaminant Concentrations – Before and After Remedial Action							
Soil (mg/Kg)				Groundwater µg/L			
Contaminant	Before (See Summary)	After ()	Before ()	After ()	Contaminant	Before	After

IV. Closure

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? N/A (if no provide explanation in Summary Report)	
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? N/A (if no provide explanation in Summary Report)	
Does corrective action protect public health for current land use? Yes (if no provide explanation in Summary Report)	
List site management requirements: deed restrictions	
Should corrective action be reviewed if land use changes? Yes (if yes provide explanation in Summary Report)	
Number of Monitoring/Vadose Wells Destroyed: All wells will be destroyed upon RWQCB approval of closure	Number of Monitoring/Vadose Zone Wells Retained (describe why in Summary Report):

V. Local Agency Representative Data

Name: Barbara D. Houghton, PG, CHG, REHS	Title: Environmental Health Specialist IV
Signature: 	Date: 05/10/2011

VI. RWQCB Notification

Date Submitted to RWQCB: 05/10/2011	RWQCB Approval: Pending	
RWQCB Representative: John D. Whiting	Title: Engineering Geologist	Date Approved:

VII. Summary

September 2005 – KCEHSD received notification by Kern County Roads Dept. concerning a hole next to the road that was caused by road work in front of the facility on High Street in Delano. The hole appeared to lead into a UST and a petroleum odor was noted. At Notice of Violation was issued to the City of Delano, who was believed to be the responsible party, to investigate the presence of the UST and determine if other USTs were present.

It was determined that the UST was on the property belonging to DD and Josephine Logrecco. A letter was sent c/o Elizabeth Blaine (daughter) to remove the unpermitted UST.

October 2005 – Four USTs were removed under KCEHSD permit. Soil sample results collected from 2 and 6 feet beneath the USTs (after removal) indicated the presence of gasoline range hydrocarbons beneath UST #2 that were increasing with depth. No benzene was detected and storage of gasoline in the tanks was pre-MtBE usage.

December 2005 – Two borings were advanced in the vicinity of the former UST #2. Boring B-1 was advanced to a depth of 15 feet below ground surface (bgs). No hydrocarbons were detected above detection limits. Boring B-2 was advanced to a depth of 30 feet bgs. At 30 feet 860 mg/kg TPH-g and 0.08 and 15 mg/kg of Toluene and Total Xylenes were detected.

April 2006 – KCEHSD requested a Site Characterization Workplan.

December 2006 – Boring B-3 was advanced to a depth of 75 feet bgs. Groundwater was encountered at 73 feet bgs. Soil sample results indicated TPH-g and BTEX from 35 feet to 70 feet bgs. The highest concentration of hydrocarbons was found at 70 feet bgs. A grab sample of groundwater was also collected. Samples results were as follows: TPH-g 160,000 ug/L, Benzene 11,000 ug/L, Toluene 14,000 ug/L, Ethyl Benzene 1,800 ug/L, Total Xylenes 10,000 ug/L and lead 0.142 mg/L. MtBE was not detected above detection limits.

September 2007 – KCEHSD received notification from the Water Resources Control Board that the facility had applied for the Orphan Site Cleanup Account. The letter stated that KCEHSD would be notified of the acceptance or denial of the application. No further correspondence was received for this facility.

Because the USTs at the facility were not permitted, it is likely the responsible party was not eligible for any funding. The property's last known use was a headstone engraving shop. It is not known how long the USTs were out of service or when and by whom they were installed. While the source of the contamination has been removed, groundwater sample analysis indicates that there have been impacts to groundwater. The closest municipal well is located greater than 1000 feet upgradient (based on groundwater data from other sites). There are two other sites upgradient; however both of these sites have MtBE in groundwater so it is not likely that groundwater impacts at the Logrecco site are a result of off-site migration. The property surrounding the facility is a mixture of multi-family residential, commercial, and industrial.

KCEHSD recommends either conditional closure with deed restrictions on the property or referral to the RWQCB for case oversight.