

SANTA CRUZ COUNTY ENVIRONMENTAL HEALTH SERVICE CASE CLOSURE SUMMARY

Leaking Underground Fuel Storage Tank Program

I. Agency Information

Agency Name: Santa Cruz Co. Environmental Health	Address: 701 Ocean Street, Room 312
City/State/Zip: Santa Cruz, CA 95060	Phone: (831) 454-2022
Responsible Staff person:	Title:

II. Case Information

Facility Name:	USTCF Claim #	Lead Agency Case #
Facility Address:	Assessor Parcel No:	
Responsible Parties	Address	Phone Number
Property Owner		

III. Tank Information

Tank #	Size in Gallons	Contents	Closed in Place/Removed	Date
1				
2				
3				
4				

IV. Release and Site Characterization Information

Cause and type of release:	Was source removed to extent practical:	
Site characterization complete?	Local Oversight Agency concurrence?	
Wells installed?	Number:	Proper screen interval?
Highest GW depth below ground surface:	Lowest:	Flow Direction:
Most Sensitive Current GW use:		
Are Water Wells affected?	Hydrologic Unit:	
Is the Site on Municipal Water? (If Yes, Name of Water System)		
Distance to nearest Water Well(s):	Well Type/Status:	
Distance to nearest Surface Water(s):	Has Surface Water(s) been affected?	
Off-site Beneficial use impacts (addresses/locations):		
Is site an active fueling facility: (If No, has Vapor Intrusion been evaluated?)		
Conceptual Site Model complete?	Date of CSM:	

CASE CLOSURE SUMMARY
Leaking Underground Storage Tank Program

V. Treatment/Disposal Methods (Attach any additional information)

Material	Amount (Include Units)	Action (Treatment or Disposal Method)	Date
Tanks			
Piping			
Free Product			
Soil			
Ground Water			

Maximum Documented Contaminant Concentrations--Before and After Cleanup

Contaminant	Soil (mg/kg)		Water (µg/L)		Contaminant	Soil (mg/kg)		Water (µg/L)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gas)					1,2-DCA				
TPH (Diesel)					Oil & Grease				
Benzene					Lead				
Toluene					MTBE				
Ethylbenzene					TBA				
Xylenes									
Naphthalene									

Comments:

VI. Closure

Amount of contaminant(s) mass removed:		
Contaminant and media type:		
Location/depth of residual contaminant mass left-in-place:		
Is the plume stable and/or shrinking?	Does remaining plume extend off-site?	
Approximate length of hydrocarbon plume (ft.):		
Does completed corrective action protect existing and potential beneficial uses per the Basin Plan?		
Does corrective action protect public health for current land use?		
Should corrective action be reviewed if land uses change?		<small>(if Yes – see Additional Comments section below)</small>
Wells destroyed?	Number destroyed:	Number retained:

CASE CLOSURE SUMMARY
Leaking Underground Storage Tank Program

VII. Other Agency Representative Data

Agency: Central Coast Regional Water Quality Control Board	Address: 895 Aerovista Place, Suite 101
City/State/Zip: San Luis Obispo, CA 93401	Phone/Email:
Responsible Staff Person:	Title:

VIII. Additional Comments

<p>Site Management Requirements: Residual soil and groundwater contamination may still exist on-site that could pose an unacceptable risk under certain site development activities such as site grading, excavation, or de-watering. The Central Coast Water Board, Santa Cruz County Environmental Health Services (SCCEHS), and the appropriate local planning and building departments must be notified prior to any changes in land use or configuration, grading activities, excavation, or dewatering. This notification must include a statement that residual soil and groundwater contamination underlie the property and nearby properties. The levels of residual contamination and any associated risks are expected to reduce with time.</p>

IX. County Certification

Signature of Environmental Health Director	Date:
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CASE CLOSURE SUMMARY
Leaking Underground Storage Tank Program

X. Additional Information (to be attached to this report)

1. Listing of Reports

Please include a list of all investigative reports, including reports prepared for financial institutions such as Phase I Environmental Assessments, all monitoring data, corrective action alternatives analyses, and other consultant reports. If a report on the list has not been previously submitted to the Regional Board, please submit the report with this form. On or attached to the beginning of the list must be the following statement, with the dated signature of the responsible party or his agent:

“I attest, under penalty of perjury, in accordance with Water Code section 13267, the following documents constitute the complete list of documents pertaining to waste discharged, hydrogeology and other information directly relevant to the characterization and cleanup of the waste discharged at the subject site.”

2. Notification Mailing List

Please submit a complete notification mailing list including a contact name and/or business name for all of the following entities: municipal and county water districts for the property; water replenishment districts for the property area; special act districts with groundwater management authority in the area of the property; agencies with authority to issue building permits for land affected by the petroleum release; current record owners of fee title to the property impacted by the petroleum release; occupants of the property impacted by the petroleum release; and the owners and occupants of all parcels adjacent to the impacted property (including owners and occupants of any parcels located across the street from the impacted property or that just contact a corner of the impacted property).

Please also submit a map showing the adjacent properties and their parcel numbers and addresses. The mailing list and map combination should enable us to identify the applicable parcel for each owner or occupant on the mailing list.

3. Extent of Soil Contamination

- a) Maps showing the extent of soil degradation by chemicals of concern in excess of guidelines, before and after remediation.
- b) Geologic log of the most highly degraded soil boring or monitoring well showing sample points with a list of contaminant concentrations.
- c) Summary table of all historic soil sampling results.

4. Extent of Ground Water Contamination

- a) Maps showing the extent of ground water degradation in excess of detection limits for chemicals of concern, before and after remediation.
- b) Geologic logs, including construction, for all wells.
- c) Representative geologic log identifying all aquifers.
- d) Two intersecting cross-sections of the site.
- e) Summary table of all historic ground water analyses and water levels.