

**SANTA CRUZ COUNTY ENVIRONMENTAL HEALTH DIVISION
CASE CLOSURE SUMMARY
ENVIRONMENTAL CLEANUP PROGRAM**

I. Agency Information

Agency Name: Santa Cruz County Env 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

Site Facility Name:		Grant Claim No.	Lead Agency Case No.
Site Facility Address:		Assessor Parcel No:	
Responsible Parties	Address	Phone Number	
Property Owner			

III. Tank Information (If Applicable)

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?	
Monitoring 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):			
Has the Vapor Intrusion Pathway been evaluated?			
Conceptual Site Model complete?		Date of CSM:	

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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					Other				

Comments:

Maximum Documented Contaminant Concentrations--Before and After Cleanup

Contaminant	Soil Gas (µg/m³)		Contaminant	Soil Gas (µg/m³)	
	Before	After		Before	After
TPH (Gas)			PCE		
Benzene			TCE		
Toluene			Vinyl Chloride		
Ethylbenzene			Other		
Xylenes					
Naphthalene					

Comments:

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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 or solvent 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? (if Yes – see Additional Comments section below)		
Monitoring Wells destroyed?	Number destroyed:	Number retained:

VII. Local 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:
Agency: Department of Toxic Substances Control	Address: 700 Heinz Avenue
City/State/Zip: Berkeley, CA 94710	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 Division (SCCEHD), and the appropriate local planning and building departments must be notified prior to any changes in land use, 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. Local Officer Certification

Signature of Director of Environmental Health	Date:
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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 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.”

The following items are optional as applicable to the review of the site for closure:

2. List of property owners or occupants within a 200 ft. radius of the site

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.