

CENTRAL COAST WATER BOARD CASE SUMMARY FORM

Leaking Underground Fuel Storage Tank Program

I. Agency Information

Agency Name: Central Coast Water Board	Address: 895 Aerovista Place, Suite 101
City/State/Zip: San Luis Obispo, CA 93401-7906	Phone: (805) 542-4648
Responsible Staff person: Dr. Wei Liu	Title: Engineering Geologist

II. Case Information

Site Facility Name: Former Exxon/Hambey Property	USTCF Claim No. 11346	Water Board Case No. 2523
Site Facility Address: 11399 Merritt St, Castroville, CA	Assessor Parcel No: 030-191-016	
Responsible Parties	Address	Phone Number
Lawson Hambey, Jr. (deceased) c/o Lawson & Mildred Hambey Trust B	c/o Tim Hambey, Trustee, P.O. Box 71, Castroville, CA 95012	(831) 214-8239
Property Owner		
Same as above	Same as above	Same as above

III. Tank Information

Tank #	Size in gallons	Contents	Closed in place or removed	Date
1	550	Waste Oil	Removed	Dec. 7, 1994
2	6,000	Gasoline	Removed	Dec. 7, 1994
3,4,5	6,000	Gasoline	Removed	Dec. 7, 1994

IV. Release and Site Characterization Information

Cause and type of release: Dispenser and piping leaks	Was source removed to extent practical? Yes	
Site characterization complete? Yes	Local agency comments? No	
Monitoring wells installed? Yes	Number: 9	Proper screen interval? Yes
Highest groundwater depth: 23.5 ft. bgs	Lowest: 38 ft. bgs	Flow direction: Northwest
Most sensitive current groundwater use: Municipal domestic water production from deeper wells screened 180 to 400 feet bgs		
Are water wells affected? No	Hydrologic Unit: Salinas Valley Groundwater Basin	
Is the site on municipal water? (If Yes, Name of water system) Yes, Castroville Community Service District		
Distance to nearest water well(s): Within site boundaries	Well Type/Status Private/Domestic water supply	
Distance to nearest surface water(s): 1,300 feet	Has surface water(s) been affected? No	
Offsite beneficial use impacts (addresses/locations): None		
Is site an active fueling facility: (If No, has vapor intrusion been evaluated?) Not active since 1994; all TPH-g/VOCs have tested non-detect in vadose zone soil samples to 23 feet bgs		
Conceptual Site Model complete? Yes	Date of CSM: October 10, 2017	

V. Treatment/Disposal Methods

Material	Amount (Include Units)	Action (Treatment or Disposal method)	Date
Tanks	One 550 Gallons Four 6,000 Gallons	Removed	Dec. 7, 1994
Piping	NA	Removed	Dec. 7, 1994
Free Product	None	NA	NA
Soil	Approximately 1,200 cubic yards	Over-excavation with onsite aeration of soils that were off-hauled to local landfill in 2010	1994, 2003, 2010
Groundwater	NA	NA	NA

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)	6,030	<0.0005	140,000	7,400	1,2-DCA	NA	NA	<0.5	NA
TPH (Diesel)	NA	NA	NA	NA	Oil & Grease	NA	NA	NA	NA
Benzene	9.07	<0.0005	1,600	<1.0	Lead	NA	NA	<1.0	NA
Toluene	41.8	<0.0005	43,000	3.3	MTBE	5.5	<0.001	NA	NA
Ethylbenzene	22.9	<0.0005	35,000	760	TBA	NA	NA	NA	NA
Xylenes	148.5	<0.001	25,660	2,100	Other				
Naphthalene	NA	NA	1,100	170					

Comments:

VI. Closure

Amount of contaminant(s) mass removed: All contaminated soils above detection limits have been removed from the vadose zone at 0 to 23 feet bgs: ~1,200 yards. 1,388 pounds of TPHg were removed by soil vapor extraction.		
Contaminant and media type: TPHg, benzene ethylbenzene, toluene, xylene and MTBE in soil and groundwater		
Location/depth of residual contaminant mass left-in-place: Residual contamination is limited to 35 to 45 feet bgs in the former tank pit area.		
Is the plume stable and/or shrinking? Yes	Does remaining plume extend offsite? Yes, it is assumed it extends NW partway under/across HW156	
Approximate length of hydrocarbon plume (ft.): 200		
Does completed corrective action protect existing and potential beneficial uses per the Basin Plan? Yes		
Does corrective action protect public health for current land use? Yes		
Should corrective action be reviewed if land uses change? Yes – see Additional Comments section below		
Monitoring wells destroyed? Pending	Number destroyed: Pending	Number retained: Pending

CASE SUMMARY FORM

VII. Local Agency Representative

Agency: Monterey County Dept. of Environmental Health	Address: 1270 Navidad Road, Room 301
City/State/Zip: Salinas, CA 93906	Phone/Email: (831) 755-4570 welchc@co.monterey.ca.us
Responsible Staff Person: Cory Welch	Title: Hazardous Material Specialist III

VIII. Additional Comments

Site Management Requirements: Residual soil and groundwater pollution 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, the local health agency, 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 pollution underlie the property and nearby properties. The levels of residual pollution and any associated risks are expected to reduce with time.

IX. Central Coast Water Board Certification

<p>for John M. Robertson, Executive Officer</p>	<p>Date:</p>
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X. Additional Information (to be attached to this report)

GeoTracker Global ID: # T0605300132

See GeoTracker:

https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605300132