



Central Coast Regional Water Quality Control Board

July 15, 2014

Mr. Tim Fillmore  
Santa Cruz County Environmental Health Services  
[tim.fillmore@co.santa-cruz.ca.us](mailto:tim.fillmore@co.santa-cruz.ca.us)

Dear Mr. Fillmore:

**UST: AHLPORT PETROLEUM (VENTURE OIL), 950 WEST BEACH STREET,  
WATSONVILLE, SANTA CRUZ COUNTY – CASE CLOSURE TRANSMITTAL (CASE  
NO. 339)**

Central Coast Regional Water Quality Control Board (Central Coast Water Board) staff reviewed Weber Hayes and Associates (WHA)'s June 25, 2014 *Monitoring Well Destruction Report* for the subject site. Thank you for the submittal. You have met the requirements for case closure. This concludes the Central Coast Water Board's regulatory oversight for the investigation and cleanup of the underground storage tank (UST) system release. This letter does not relieve you of the requirements of other agencies which may continue to have jurisdiction or require further work. As with any real property, the discovery of additional or previously unidentified contamination at the site may require additional investigation and cleanup. This case is now closed as certified by the enclosed Case Closure letter and Case Closure Summary. All previous orders relating to the underground storage tank release at this site are hereby rescinded.

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 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.

DR. JEAN-PIERRE WOLFF, CHAIR | KENNETH A. HARRIS JR., EXECUTIVE OFFICER

3901 Anacosta Place, Suite 101, San Luis Obispo, CA 93401 | [www.waterboards.ca.gov/centralcoast](http://www.waterboards.ca.gov/centralcoast)

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Mr. Fillmore

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July 15, 2014

Thank you for your diligence in addressing water quality issues and your continued commitment to the protection of water quality in the Central Coast Region. If you have any questions, please contact **Tom Sayles at (805) 542-4640** or at [tsayles@waterboards.ca.gov](mailto:tsayles@waterboards.ca.gov) or Chris Adair at (805) 549-3761.

Sincerely,



Digitally signed by Harvey

C. Packard

Date: 2014.07.15 08:46:26

-07'00'

for

Kenneth A Harris Jr.

Executive Officer

Enclosures: Closure Letter  
Case Closure Summary

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cc:

Mr. Scott Carson  
Santa Cruz County Environmental  
Health Services  
[Scott.Carson@co.santa-cruz.ca.us](mailto:Scott.Carson@co.santa-cruz.ca.us)

Venture Oil Company  
12745 Cambridge Drive  
Saratoga, CA 95070

Mr. Jered Chaney  
Weber Hayes and Associates  
[jered@weber-hayes.com](mailto:jered@weber-hayes.com)

Mr. Thomas A. Sayles  
Central Coast Water Board  
[tsayles@waterboards.ca.gov](mailto:tsayles@waterboards.ca.gov)

Mr. Robert Ketley  
City of Watsonville Planning Department  
[robert.ketley@cityofwatsonville.org](mailto:robert.ketley@cityofwatsonville.org)

Ms. Kendall Stahl  
Central Coast Water Board  
[kStahl@waterboards.ca.gov](mailto:kStahl@waterboards.ca.gov)

Mr. Jim Crowley  
Source Control Manager  
City of Watsonville  
[jim.crowley@cityofwatsonville.org](mailto:jim.crowley@cityofwatsonville.org)

DR. JEAN-PIERRE WOLFF, CHAIR | KENNETH A. HARRIS JR., EXECUTIVE OFFICER

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July 15, 2014

Mr. Tim Fillmore  
Santa Cruz County Environmental Health Services  
[tim.fillmore@co.santa-cruz.ca.us](mailto:tim.fillmore@co.santa-cruz.ca.us)

Dear Mr. Fillmore:

**UST: AHLPORT PETROLEUM (VENTURE OIL), 950 WEST BEACH STREET,  
WATSONVILLE, SANTA CRUZ COUNTY – CASE CLOSURE (CASE NO. 339)**

This letter confirms the completion of site investigation and corrective action for the underground storage tanks formerly located at the above-referenced location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks 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, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

Dr. Jean-Pierre Wolff, Chair | Kenneth A. Harris, Jr., Executive Officer

335 Avenida Plaza, Suite 101 | San Luis Obispo, CA 93401 | [www.waterboards.ca.gov/centralcoast](http://www.waterboards.ca.gov/centralcoast)

RECEIVED 8-14-14

Mr. Fillmore

- 2 -

July 15, 2014

This notice is issued pursuant to Health and Safety Code, Section 25296.10, subdivision (g). If you have any questions, please contact **Tom Sayles at (805) 542-4640** or at [tsayles@waterboards.ca.gov](mailto:tsayles@waterboards.ca.gov) or Chris Adair at (805) 549-3761.

Sincerely,



Digitally signed by

Harvey C. Packard

Date: 2014.07.15

08:45:08 -07'00'

for

Kenneth A Harris Jr.

Executive Officer

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Dr. James P. Wolff, Chair | Kenneth A. Harris, Jr., Executive Officer

805 Andrews Place, Suite 101, San Luis Obispo, CA 93401 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

07/15/2014 08:45:08

**CENTRAL COAST WATER BOARD**  
**CASE CLOSURE SUMMARY**  
Leaking Underground Fuel Storage Tank Program

**I. Agency Information**

<b>Agency Name:</b> Central Coast Water Board	<b>Address:</b> 895 Aerovista Place, Suite 101
<b>City/State/Zip:</b> San Luis Obispo, CA 93401-7906	<b>Phone:</b> (805) 542-4640
<b>Responsible Staff person:</b> Mr. Tom Sayles	<b>Title:</b> Engineering Geologist

**II. Case Information**

<b>Site Facility Name:</b> Former Venture Oil	<b>USTCF Claim No.</b> N/A	<b>Water Board Case No.</b>
<b>Site Facility Address:</b> 950 West Beach Street, Watsonville, CA 95076	<b>Assessor Parcel No:</b> 018-331-05 & 018-331-06	
<b>Responsible Parties</b>	<b>Address</b>	<b>Phone Number</b>
Santa Cruz County(Abandoned Site)	701 Ocean Street, Santa Cruz, CA	
<b>Property Owner</b>		
Abandoned Site		

**III. Tank Information**

Tank #	Size in Gallons	Contents	Closed in Place/Removed	Date
1	12,000	Unleaded Gasoline	Removed	10/2006
2	12,000	Unleaded Gasoline	Removed	10/2006
3	12,000	Unleaded Gasoline	Removed	10/2006
4	20,000	Diesel	Removed	10/2006

**IV. Release and Site Characterization Information**

<b>Cause and type of release:</b> - Gasoline / Diesel release from product piping, - fuel dispensers, - one gasoline UST (1/4" hole observed on bottom of tank)	<b>Was source of release removed to extent practical:</b> Yes, UST over-excavation completed during the 2006 Facility Closure. Additional secondary source excavation occurred in August 2013 to remove contamination detected beneath the area of the former product piping and a fuel dispensers.	
<b>Site characterization complete?</b> Yes	<b>Local Oversight Agency concurrence?</b> Yes	
<b>Monitoring Wells installed?</b> Yes	<b>Number:</b> 5 <sup>1</sup>	<b>Proper screen interval?</b> Yes
<b>Highest GW depth below ground surface:</b> 3.73 ft. bgs. (Zone A) <sup>2</sup>	<b>Lowest:</b> 27.3 ft. bgs (Zone B)	<b>Flow Direction:</b> N / NW
<b>Are Water Wells affected?</b> No, One industrial supply well located approximately 550 feet in the eastern side gradient direction of the site.	<b>Hydrologic Unit:</b> Watsonville Hydrologic Area of the Pajaro River Hydrologic Unit (305.10)	

<sup>1</sup> Two wells were damaged during UST removal and overexcavation operations and were subsequently properly destroyed and replaced. Three wells currently exist at the site.

<sup>2</sup> Two water bearing zones observed, Zone A (shallow) and Zone B (deeper).

# CASE CLOSURE SUMMARY

## Leaking Underground Storage Tank Program

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<b>Is the Site on Municipal Water?</b> Yes, (If Yes, Name of Water System) City of Watsonville	
<b>Distance to nearest Water Well(s):</b> 550 feet in the eastern side gradient direction of the site	<b>Well Type/Status:</b> apparently industrial / does not appear to be in use
<b>Distance to nearest Surface Water(s):</b> 550 feet	<b>Has Surface Water(s) been affected?</b> No
<b>Off-site Beneficial use impacts (addresses/locations):</b> N/A	
<b>Is site an active fueling facility:</b> No, Vapor intrusion assessment completed 9/17/2013	
<b>Conceptual Site Model complete?</b> Yes	<b>Date of CSM:</b> 04/20/2012

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

Material	Amount (Include Units)	Action (Treatment or Disposal Method)	Date
Tanks	4 USTs, 1 AST	Removal and Disposal at Haz-certified Facility	10/2006
Piping	removed	Removal and Disposal at Haz-certified Facility	10/2006
Free Product	n/a	No free product observed after dewatering during tank removal in 2006	N/A
Soil	1,000 cubic yards	Excavation and disposal to Class III landfill	10/2006
	360 cubic yards	Excavation and disposal to Class III landfill	8/2013
Ground Water	7,800 gallons	Pumped out of tank pit during excavation, floating product observed	10/2006

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)	2,800 <sup>1</sup>	290 <sup>2</sup>	3,500 <sup>7</sup>	< 50	1,2-DCA	N/A	N/A	N/A	N/A
TPH (Diesel)	1,500 <sup>3</sup>	680 <sup>4</sup>	270,000 <sup>8</sup>	< 100	Oil & Grease	N/A	N/A	N/A	N/A
Benzene	< 12	< 0.0050	17 <sup>7</sup>	< 0.5	Lead	2.4 <sup>6</sup>	N/A	N/A	N/A
Toluene	< 12	< 0.0050	45 <sup>8</sup>	< 0.5	MTBE	< 12	< 0.010	32 <sup>9</sup>	7.0 <sup>10</sup>
Ethylbenzene	0.017 <sup>5</sup>	< 0.015	8.4 <sup>8</sup>	< 0.5	TBA	N/A	< 0.050	< 5.0	< 5.0
Xylenes	< 25	< 0.010	59 <sup>7</sup>	< 1.5	Other				

#### Comments:

N/A=Not analyzed (Not a constituent of concern for the site)

<sup>1</sup>: SW-6, Nov. 1, 2006 – UST Excavation, <sup>2</sup>: SW-3, Aug. 28, 2013 – Secondary Source Excavation Soil Confirmation Sample, <sup>3</sup>: DP-16-d6, Nov. 16-17, 2011- Data Gap Assessment, <sup>4</sup>: SW-9, Aug. 28, 2013- Remedial Excavation Soil Confirmation Sample,

<sup>5</sup>: DP-8-d8, Nov. 16-17, 2011- Data Gap Assessment, <sup>6</sup>: Composite 1 (a-d), Composite 2 (a-d), Oct. 31, 2006 – UST Excavation, <sup>7</sup>: Pit water, Oct. 31, 2006 – UST Excavation (Grab sample collected from tank pit water),

<sup>8</sup>: Fuel Dispenser Rack, Nov. 8, 2006 – UST Excavation (Grab sample collected from fuel dispenser rack pit water), <sup>9</sup>: MW-3, Oct. 18, 2006 – Groundwater Monitoring, <sup>10</sup>: MW-3, Sept. 25, 2012 – Groundwater Monitoring

**CASE CLOSURE SUMMARY**  
Leaking Underground Storage Tank Program

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**VI. Closure**

<b>Amount of contaminant(s) mass removed:</b> See above, remedial excavation conducted in October 2006 removed 1,000 cubic yards of TPH contaminated soils and 7,800 gallons of TPH contaminated water. Secondary source remedial excavation conducted in August 2013 removed 360 cubic yards of TPH contaminated soils.		
<b>Contaminant and media type:</b> Gasoline and Diesel in soil, slightly elevated MTBE in limited area of groundwater (<10 µg/L) remains in one monitoring well (MW-3).		
<b>Location/depth of residual contaminant mass left-in-place:</b> Some elevated concentrations of TPH were left in soils at a depth of approximately 4 feet bgs adjoining a portion of the former product piping and one of the fuel dispensers following secondary source removal. Some localized residual TPH may also be present in soils at depths of approximately 8 feet bgs along the north, east and south sidewall of the UST excavation. Low level concentrations of MTBE in limited area of groundwater (<10 µg/L) remains in one monitoring well (MW-3).		
<b>Is the plume stable and/or shrinking?</b> Yes	<b>Does remaining plume extend off-site?</b> likely very limited	
<b>Approximate length of hydrocarbon plume (ft.):</b> MTBE limited to one downgradient well.		
<b>Does completed corrective action protect existing and potential beneficial uses per the Basin Plan?</b> Yes		
<b>Does corrective action protect public health for current land use?</b> Yes		
<b>Should corrective action be reviewed if land uses change?</b> Yes		
<b>Monitoring Wells destroyed?</b> Yes	<b>Number destroyed:</b> 5	<b>Number retained:</b> None


**VII. Local Agency Representative Data**

<b>Agency:</b> Santa Cruz County Environmental Health Services	<b>Address:</b> 701 Ocean Street, Room 312
<b>City/State/Zip</b> Santa Cruz, CA 95060	<b>Phone/Email:</b> (831) 454-2758
<b>Responsible Staff Person:</b> Mr. Scott Carson	<b>Title:</b> Professional Geologist

**VIII. Additional Comments**

**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, 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.

**IX. Central Coast Water Board Certification**

for  <b>Kenneth A. Harris, Jr. - Executive Officer</b>	Digitally signed by Harvey C. Packard Date: 2014.07.15 08:44:17 -07'00'	<b>Date:</b> July 15, 2014
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