

## State Water Resources Control Board

### UST CASE CLOSURE REVIEW SUMMARY REPORT

#### Agency Information

Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street Sacramento, CA 95814
Agency Caseworker: Matthew Cohen	Case No.: None

#### Former Agency Information

Agency Name: Los Angeles County Department of Public Works (County)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Agency Caseworker: Alberto Grajeda	Case No.: 008482-013710

#### Case Information

USTCF Claim No.: 19054	GeoTracker Global ID: T0603760977
Site Name: Valencia Car Wash	Site Address: 24233 Creekside Road Santa Clarita, CA 91355
Responsible Party: Valencia Auto Care Center	Address: 14044 Ventura #208 Sherman Oaks, CA 91423
USTCF Expenditures to Date: \$0	Number of Years Case Open: 9

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603760977](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603760977)

#### Summary

The Low-Threat Underground Storage Tank (UST) Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy. Highlights of the case follow:

This case is a former commercial fueling facility currently developed as an car wash. An unauthorized release was reported in May 2004 following the removal of three USTs (two gasoline, one waste oil) in April 2004. No active remediation has been conducted and no groundwater monitoring wells have been installed. This is a soil only case based on affected shallow soil being overexcavated, the excavation backfilled with clean import and low concentrations reported in the bottom of these excavations.

The petroleum release is limited to the soil. According to data available in GeoTracker, there are no supply wells regulated by the California Department of Public Health or surface water bodies within 1,000 feet of the defined plume boundary. No other water supply wells have been identified within 1,000 feet of the defined plume boundary in files reviewed. Water is provided to water users near the Site by the Newhall County Water District. Remaining petroleum hydrocarbon constituents are limited and stable, and concentrations are decreasing. Corrective actions have been implemented and additional corrective actions are not necessary. Any remaining petroleum hydrocarbon constituents do not pose a significant risk to human health, safety or the environment.

### **Rationale for Closure under the Policy**

- **General Criteria:** The case meets all eight Policy general criteria.
- **Groundwater Specific Criteria:** The case meets Policy Exemption, Soil Only Case. There are not sufficient mobile constituents (leachate, vapors, or light non-aqueous liquids [LNAPL]) to cause groundwater to exceed the groundwater criteria in this Policy. This is a soil only case based on affected shallow soil being overexcavated, the excavation backfilled with clean import and low concentrations reported in the bottom of these excavations. Soil samples from beneath the product lines were the only samples to identify low levels of TPHg in samples collected at approximately 5 feet bgs. The samples beneath the dispensers and USTs were low to non-detect, respectively.
- **Vapor Intrusion to Indoor Air:** The case meets Policy Criterion 2b. Although no document titled "Risk Assessment" was found in the files reviewed, a professional assessment of site-specific risk from exposure through the vapor intrusion pathway was performed by Fund staff. The assessment found that there is no significant risk of petroleum vapors adversely affecting human health. Soil beneath the USTs was excavated to a depth of three feet below the bottom of the USTs. No soil contamination was identified beneath former USTs. The Site is paved and accidental exposure to site soils is prevented.
- **Direct Contact and Outdoor Air Exposure:** The case meets Policy Criterion 3a. Maximum concentrations in soil are less than those in Policy Table 1 for Commercial/Industrial use, and the concentration limits for a Utility Worker are not exceeded. There are no soil sample results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2 percent benzene and 0.25 percent naphthalene. Therefore, benzene can be used as a surrogate for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Policy Table 1. Therefore, the estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact by a factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

### **Objections to Closure and Responses**

According to a June 25, 2013 letter, the County of Los Angeles Department of Public Works opposes closure because:

- There is a soil and a potential threat for groundwater contamination at the Site.  
**RESPONSE:** Soil samples from beneath the product lines were the only samples to identify low levels of TPHg in samples collected at approximately 5 feet bgs. The samples beneath the dispensers and USTs were minute and non-detect, respectively. With the estimated depth to groundwater at 35 feet bgs and the soil sampling results there is minimal chance of groundwater contamination.

Valencia Car Wash  
24233 Creekside Road, Santa Clarita  
Claim No. 19054

**Determination**

Based on the review performed in accordance with Health & Safety Code Section 25299.39.2 subdivision (a), the Fund Manager has determined that closure of the case is appropriate.

**Recommendation for Closure**

Based on available information, residual petroleum hydrocarbons at the Site do not pose a significant risk to human health, safety, or the environment, and the case meets the requirements of the Policy. Accordingly, the Fund Manager recommends that the case be closed. The State Water Board is conducting public notification as required by the Policy. The County has the regulatory responsibility to supervise the abandonment of monitoring wells.

*Lisa Babcock*

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Lisa Babcock, P.G. 3939, C.E.G. 1235

*11/5/14*

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Date

Prepared by: Kirk Larson, P.G.