

**State Water Resources Control Board**

**UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY**

**Agency Information**

Agency Name: Los Angeles Regional Water Quality Control Board (Los Angeles Water Board)	Address: 320 West 4 <sup>th</sup> Street, Suite 200 Los Angeles, CA 90013
Agency Caseworker: Mr. Ahmad J. Lamaa	Case No.: R-06768

**Case Information**

US Cleanup Fund (Fund) Claim No.: N/A	Global ID: T0603743398
Site Name: Humberto Foreign Car Service	Site Address: 19717 Valley Boulevard Walnut, CA 91789 (Site)
Responsible Party: Humberto Foreign Car Services Attention: Mr. and Mrs. Batista Humberto	Address: 19717 East Valley Boulevard Walnut, CA 91789
Fund Expenditures to Date: Not Applicable	Number of Years Case Open: 18

**URL:** [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603743398](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603743398)

**Summary**

**This case has been proposed for closure by the State Water Resources Control Board at the request of the Los Angeles Water Board, which concurs with closure.**

The Low-Threat Underground Storage Tank 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.

The Site is currently a closed auto repair facility. The release at the Site was discovered in July 1998 when petroleum constituents were detected in soil samples obtained during the removal of a waste oil UST. A total of two feet of soil from beneath the removed UST was over-excavated with an undocumented quantity of impacted soil disposed off-site. A subsequent Site assessment in May 2004 did not identify any petroleum constituents in soil samples obtained near the former UST location.

Groundwater was not encountered at the depth of 15 feet below ground surface (bgs), the maximum depth explored at the Site. Depth to groundwater is estimated to be 19 feet bgs. Remaining petroleum constituents are limited, stable, and decreasing. Additional assessment

would be unnecessary and will not likely change the conceptual model. Any remaining petroleum constituents do not pose significant risk to human health, safety, or the environment under current conditions.

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

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site releases **Have Not Likely Affected Groundwater**. Soil does not contain sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria in this Policy.
- Petroleum Vapor Intrusion to Indoor Air – Site meets **Criteria 2 (b)**. A Site-specific risk assessment for the vapor intrusion pathway was conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency. Soil gas samples were not collected at the Site. The localized, low concentrations of petroleum constituents detected at the Site are unlikely to impact the Site users through the indoor vapor intrusion pathway.
- Direct Contact and Outdoor Air Exposure – Site meets **Criteria 3 (a)**. Maximum concentrations of petroleum constituents in soil from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy.

There are no soil samples 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% benzene and 0.25% naphthalene. Therefore, benzene concentrations 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 Table 1 of the Policy. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact with a safety factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

Humberto Foreign Car Service  
19717 Valley Boulevard, Walnut, Los Angeles County

**Recommendation for Closure**

The corrective action performed at this Site ensures the protection of human health, safety, the environment. The corrective action performed at this Site is consistent with chapter 6.7 of the Health and Safety Code, implementing regulations, applicable state policies for water quality control and applicable water quality control plans. Case closure is recommended.



George Lockwood, PE No. 59556  
Senior Water Resource Control Engineer

2/26/2016

Date

