UST CASE CLOSURE SUMMARY

Agency Information

Current Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812-2231
Current Agency Caseworker: Mr. Matthew Cohen	Case No.: N/A

Former Agency Name: Los Angeles County Department of Public Works (Prior to 7/1/2013)	Address: 900 South Fremont Avenue Alhambra, CA 91803-1331
Former Agency Caseworker: Ms. Rani Iyer	Case No.: 013878-014338

Case Information

USTCF Claim No.: None	Global ID: T0603746885
Site Name: Ray Jackson Tire Center (Former)	Site Address: 3332 East Florence Avenue Huntington Park, CA 90255 (Site)
Responsible Party: The Burk Family Trust Attention: Mr. Michael J. Burk	Address: 298 Granada Avenue Long Beach, CA 90803-5520
USTCF Expenditures to Date: N/A	Number of Years Case Open: 25

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603746885

Summary

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 release at the Site was discovered in August 1988, when three underground storage tanks (USTs) and the associated dispensers were removed. In August 2006, an additional site assessment was conducted to further assess the vertical and lateral extent of petroleum contamination. Eight soil borings were constructed to a total depth of 40 feet below ground surface (bgs). Minor concentrations of total petroleum hydrocarbons as gasoline (TPHg) were identified in soil beneath one of the dispensers and one of the USTs. Benzene and methyl tertiary-butyl ether were not detected above laboratory reporting limits in the soil samples collected from the Site.

The Site is currently occupied by automotive repair shops. Groundwater was not encountered in any of the borings to the total depth investigated (40 feet bgs). The depth to groundwater is estimated to be 45 feet bgs. The nearest public supply well and surface water body are greater than 1,000 feet from

the Site. Additional corrective action will not likely change the conceptual site model. Any residual petroleum constituents pose a low risk to human health, safety, or the environment.

Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.

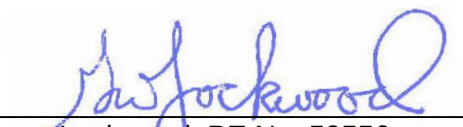
- Groundwater Media-Specific Criteria – Site releases **HAVE NOT LIKELY AFFECTED GROUNDWATER**. There do not appear to be sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria in this Policy.

- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERION 2 (b)**. A site-specific risk assessment of the vapor intrusion pathway was conducted. The assessment found that there is a low risk of petroleum vapors adversely affecting human health. Petroleum constituent concentrations appear to be minor and localized

- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION 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. The estimated naphthalene concentrations are less than the thresholds in Table 1 of the Policy for direct contact. 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% 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 of 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.

Recommendation for Closure

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



5/27/14

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