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
Current Agency Caseworker: Mr. Matthew Cohen	Case No.: N/A

Former Agency Name: City of Los Angeles Fire Department (Prior to 7/1/2013)	Address: 200 North Main Street, Suite 1780 Los Angeles, CA 90012
Former Agency Caseworker: Mr. Eloy Luna	Case No.: TT

Case Information

USTCF Claim No.: None	Global ID: T0603702450
Site Name: Gas S/S	Site Address: 14106 Burbank Boulevard Van Nuys, CA 91406 (Site)
Responsible Party: Julius and Elvira Nasch	Address: 623 Mountain Drive Beverly Hills, CA 90210
USTCF Expenditures to Date: N/A	Number of Years Case Open: 21

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702450

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 Site is operated as an active fueling facility. Residual petroleum constituents in soil were discovered during a Site investigation in 1992. Sixteen soil borings were advanced at the Site in 1992. Initial sampling identified petroleum constituents in soil, largely confined to 15 and 30 feet below ground surface (bgs) in the vicinity of the underground storage tanks (USTs). The USTs were re-lined in 1992 to stop the release and Site dispensers were replaced in 1997. Soil sampling during dispenser replacement indicated that petroleum constituents were mostly non-detect. Groundwater was not encountered to a maximum explored depth of approximately 50 feet bgs during the Site investigations. At nearby UST cleanup sites, depth to water in the shallow and deep groundwater zones are reported at approximately 70 feet bgs and 150 feet bgs, respectively.

No public supply wells or surface water bodies are located within 1,000 feet of the Site. Corrective action has been implemented and further corrective action is not necessary. Any remaining petroleum constituents pose a low risk to human health, safety, and the environment.

Rationale for Closure under the Policy

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

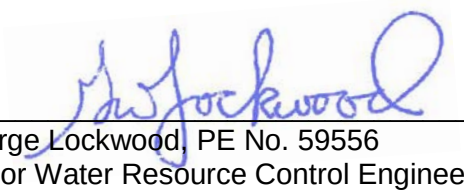
- Groundwater Media-Specific Criteria – Site releases **HAVE NOT LIKELY AFFECTED GROUNDWATER**. Groundwater has not been encountered to a maximum explored depth of approximately 50 feet bgs. There are approximately 100 feet between the deepest significant petroleum constituents detected in soil and the expected depth of groundwater. There are not sufficient mobile constituents (leachate, vapors, or light non-aqueous phase liquid) to cause groundwater to exceed the groundwater criteria in this Policy.

- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **EXCEPTION** for vapor intrusion to indoor air. The Site is an active petroleum fueling facility and has no release characteristics that can be reasonably believed to pose an unacceptable health risk. Exposure to petroleum vapors associated with historical fuel system releases is comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.

- Direct Contact and Outdoor Air Exposure Criteria – 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. 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.



8/4/14

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