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 City 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.: N/A

Case Information

USTCF Claim No.: None	Global ID: T0603784060
Site Name: Mobil Station 18L5K	Site Address: 11680 Burbank Boulevard North Hollywood, CA 91601-2330 (Site)
Responsible Party: Circle K Stores, Inc. Attention: Mr. Greg Glover	Address: 255 East Rincon, Suite 100 Corona, CA 92879
USTCF Expenditures to Date: N/A	Number of Years Case Open: 13

URL http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603784060

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 currently operating as an active fueling facility. There were two releases at the Site; the first was discovered when product piping was repaired in 1992 (the gasoline USTs were subsequently removed and replaced with new USTs); and the second was revealed when a facility upgade was performed in February 2001 (installation of double-walled product piping, new underdispenser containment, and UST sumps). The 1992 release case was closed in August 2006.

In 2001 facility upgrade soil samples collected from beneath the product piping and dispenser islands indicated that a release had occurred. Subsurface assessment conducted in March 2003 and January 2005 indicated elevated petroleum constituents. The residual petroleum appeared to be limited to shallow soil in the vicinity the product piping and the underground storage tanks (USTs) at a depth of approximately 20 feet below ground surface (bgs). Groundwater was not encountered to

the maximum depth explored at the Site (120 feet bgs). Depth to groundwater at the Site is estimated to be approximately 150 feet bgs.

The nearest public supply well is greater than 1,000 feet from the Site. Surface water in a concrete-lined culvert containing the Central Branch Tunjunga Wash is present beneath the Site, and daylights adjacent to the Site. Due to the depth to groundwater and concrete-lined nature of the channel, surface water in the wash is unlikely to be in contact with groundwater or to be impacted by the release. Site remediation activities include excavation and disposal of an unknown quantity of soil during UST replacement and fueling system upgrade activities. Remedial actions have been implemented, and further remediation is not necessary. Additional corrective action will not likely change the conceptual site model. Any residual 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.

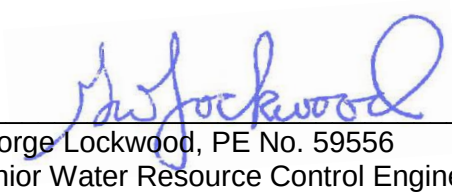
- Groundwater Media-Specific Criteria – Site releases **HAVE NOT LIKELY AFFECTED GROUNDWATER**. There are not sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria.

- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **EXCEPTION**. Soil vapor evaluation is not required because the Site is an active commercial petroleum fueling facility and the release characteristics do not likely pose an unacceptable health risk.

- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION (3) b**. A site-specific risk assessment of the direct contact and outdoor air exposure pathway was conducted. The assessment found that there is a low risk of residual petroleum constituents adversely affecting human health. A single shallow soil sample, P2-6, was found to have exceeded the values present in Table 1 of the Policy for ethylbenzene. The location of P2-6 is beneath pavement and in close proximity to the dispenser islands present at the Site. Fugitive vapors from the dispensers at the Site would likely exceed exposure via volatilization to outdoor air. Furthermore, due to the presence of pavement, accidental access to Site soil is prevented. Since the Site is an active commercial petroleum fueling facility, Site construction workers would likely be prepared for any potential exposure.

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.



7/21/14

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