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: Los Angeles County Department of Public Works	Address: 900 South Fremont Avenue Alhambra, CA 91803
Former Agency Caseworker: Mr. Phillip Gharibians-Tabrizi	Case No.: 004177-010080

Case Information

USTCF Claim No.: N/A	Global ID: T0603720023
Site Name: 7-Eleven/ Southland Corp No. 19597	Site Address: 844 East Avenue J Lancaster, CA 93535
Responsible Party: 7- Eleven, Inc.	Address: P.O. Box 711 Dallas, TX 75221-0711
USTCF Expenditures to Date: N/A	Number of Years Case Open: 10

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603720023

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 when product piping and dispenser islands from the underground storage tanks (USTs) were removed and replaced in October 2003. During the 2003 product piping and dispenser island removal, two soil samples were collected beneath the former dispenser islands. In November 2003, approximately 625 gallons of water from a leak test were transported to a facility for treatment and disposal.

The petroleum constituent release is limited to the shallow soil directly beneath the dispenser islands of the UST system. Concentrations in soil indicate a very minor level of contamination. The closest surface water body is Lake Palmdale which is located over 45,000 feet south of the

Site. The closest supply wells are located approximately 5,000 feet northeast and 5,666 feet west (crossgradient) of the Site. Public supply wells are usually constructed with competent sanitary seals and intake screens that are in deeper more protected aquifers.

Residual petroleum constituents are limited to shallow soil to a depth of approximately 5 feet below ground surface. Remedial actions have been implemented and further remediation would be ineffective and expensive. Additional assessment/monitoring will not likely change the CSM. Any remaining petroleum constituents do not pose significant 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 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 **EXCEPTION**. Exposure to petroleum vapors associated with historical fuel system releases are 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 – Site meets **CRITERIA (3) a**. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1. The estimated naphthalene concentrations are less than the thresholds in Table 1 of the Policy for direct contact. 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, 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.

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Benjamin Heningburg, PG No. 8130 Date
Senior Engineering Geologist