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 4th Street, Suite 200 Los Angeles, CA 90013
Agency Caseworker: Mr. Noman Chowdhury	Case No.: R-20330

Case Information

UST Cleanup Fund (Fund) Claim No.: 12646	Global ID: T0603705302
Site Name: Rapid Gas #19	Site Address: 10211 Alondra Boulevard Bellflower, CA 90706 (Site)
Responsible Party: Rapid Gas, Inc. Attention: Mr. Jeff Appel	Address: 1418 Amherst Avenue #1 Los Angeles, CA 90025
Fund Expenditures to Date: $1,376,114	Number of Years Case Open: 18

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705302

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 an active fueling facility. The release was discovered when concentrations of petroleum constituents were detected in soil samples collected at the Site following the replacement of five USTs in July 1997. A total of 242 gallons of free product were removed by hand bailing and skimming between June 1998 and August 2004. A five-day high-vacuum dual-phase extraction event was conducted at the Site in May 2002, extracting 1,021 pounds of petroleum constituents and 80,122 gallons of impacted groundwater. Soil vapor extraction was conducted from March 2004 through September 2004 and March 2005 through November 2007, removing 3,575 pounds of vapor-phase petroleum constituents. A groundwater pump and treat system operated at the Site between February 2007 and July 2007, removing 1,567,800 gallons of groundwater.

There are no existing water supply wells or surface water bodies within 1,000 feet of the Site. The affected shallow groundwater is not currently used as a source of drinking water, nor is it expected to be used as a source of drinking water in the foreseeable future. Low petroleum constituents were detected in the upper 45 feet of soil below ground surface, indicating a low risk via the direct contact and vapor intrusion pathways. 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 meets the criteria in **Class 4**. The contaminant plume that exceeds water quality objectives is less than 1,000 feet in length. There is no free product. The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary. The dissolved concentration of benzene is less than 1,000 micrograms per liter (µg/L), and the dissolved concentration of methyl-tert butyl ether is less than 1,000 µg/L.
- Petroleum Vapor Intrusion to Indoor Air – Site meets the **EXCEPTION** for vapor intrusion to indoor air. 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 from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy.

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.

GW Lockwood

10/23/2015

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