

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Agency Name: Los Angeles Regional Water Quality Control Board	Address: 320 West 4 <sup>th</sup> Street, Suite 200 Los Angeles, CA 90013
Agency Caseworker: Mr. Noman Chowdhury	Case No.: 902420017

#### Case Information

USTCF Claim No.: None	Global ID: T10000003520
Site Name: Rancho Los Amigos Hospital (North Campus)	Site Address: 7601 Imperial Highway East Downey, CA 90242 (Site)
Responsible Party: Los Angeles County Department of Public Works Attention: Mr. Michael Lear	Address: 900 South Fremont Avenue Alhambra, CA 91803-1331
USTCF Expenditures to Date: N/A	Number of Years Case Open: 21

**URL:** [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000003520](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000003520)

#### 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 case originally encompassed the entire Rancho Los Amigos Hospital Site and was opened in 1994. The case was split into northern and southern units in March 2012. This summary addresses releases from the diesel underground storage tanks (USTs) on the northern unit. In 1992 one diesel UST was removed from the Site. Low concentrations of petroleum constituents were reported in soil.

Between December 1998 and May 1999 four additional diesel USTs were removed from the Site. Site investigations in 2009 and 2013 identified low concentrations of petroleum constituents in soil. Tert-butyl alcohol (TBA) concentrations reported in groundwater reputedly resulted from contamination during the sample process and additional sampling confirmed that groundwater is not impacted by TBA. The low level non-petroleum constituents identified at the Site are not believed to have originated from the release. The Site is operated as a medical rehabilitation center, with seven active diesel USTs present.

Rancho Los Amigos Hospital (North Campus)  
7601 Imperial Highway East, Downey, Los Angeles County

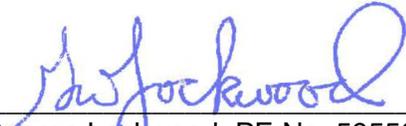
Groundwater was encountered at approximately 55 feet below ground surface (bgs) and has not been impacted by petroleum constituents. The nearest public supply well and surface water body are greater than 1,000 feet from the Site. Additional corrective action will not likely change the conceptual site model. 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 in this Policy.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERION 2 (b)**. A Site-specific assessment of the vapor intrusion pathway was conducted. The assessment found that there is low risk of petroleum vapors adversely affecting human health. Low concentrations of total petroleum hydrocarbons as diesel were reported in soil stockpiled during the removal of UST 7, and in a soil sample collected from soil boring B-14 at 15 feet bgs. Boring B-14 was advanced near UST 7 and approximately 20 feet from Building 100. The stockpiled soil was returned to the excavation following tank removal. Only low concentrations of volatile organic compounds were detected in soil samples associated with the removed USTs. Given the concentrations reported in soil, the localized nature of the residual petroleum constituents, reported depth to groundwater, and distance to nearby structures, there is low risk to human health.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION 3 (a)**. Maximum concentrations of residual petroleum constituents in soil 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, 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.

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

2/27/2015  
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Date

