

## 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.: I-11173A

#### Case Information

USTCF Claim No.: None	Global ID: T0603729722
Site Name: Spadra Ranch	Site Address: 3530 Pomona Boulevard Pomona, CA 91768 (Site)
Responsible Party: California State Polytechnic University Attention: Mr. David L. Patterson	Address: 3801 West Temple Avenue Pomona, CA 91768
USTCF Expenditures to Date: N/A	Number of Years Case Open: 8

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603729722](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603729722)

#### 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 was discovered when two underground storage tanks (USTs) were removed from the Site in April 2007. Low concentrations of petroleum constituents were detected beneath one of the former USTs. During the January 2008 Site investigation, four soil borings were constructed to 50 feet below ground surface (bgs). Low concentrations of petroleum constituents were detected between 10 and 40 feet bgs. The Site is a farmland for the Agricultural Department at California State Polytechnic University in Pomona.

Groundwater was not encountered during the Site investigation. Depth to groundwater is over 55 feet bgs. The nearest existing water supply well is greater than 1,000 feet from the Site. The nearest surface water body, the concrete-lined San Jose Creek, is located adjacent to the Site to the east-southeast. 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 for the vapor intrusion pathway was conducted. The assessment found that there is a low risk of petroleum vapors adversely affecting human health. Soil samples collected between 10 and 50 feet bgs at the Site contain less than 100 milligram per kilogram of total petroleum hydrocarbons.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION 3 (b)**. A Site-specific 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. While shallow soil samples (less than 10 feet bgs) were not collected at the time of UST removal and further Site investigation, soil samples collected between 10 and 15 feet bgs contain petroleum constituents at concentrations below the thresholds 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.



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

3/24/2015

Date

