

## State Water Resources Control Board

### 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 (Prior to 7/1/2013)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Former Agency Caseworker: Ms. Kattya Batres Rinze	Case No.: 005806-006016

#### Case Information

USTCF Claim No.: None	Global ID: T0603729356
Site Name: Tamco Interprises	Site Address: 1531 West 135 <sup>th</sup> Street Gardena, CA 90249 (Site)
Responsible Party: Tamco Interprises Attention: Mr. Richard Burwick	Address: 1531 West 135 <sup>th</sup> Street Gardena, CA 90249
USTCF Expenditures to Date: N/A	Number of Years Case Open: 16

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603729356](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603729356)

#### 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.

Residual petroleum constituents at the Site were discovered when two underground storage tanks (USTs) were removed in November 1998. Low concentrations of total petroleum hydrocarbons as gasoline (TPHg) and total petroleum hydrocarbons as diesel (TPHd) were identified at approximately four feet below the former diesel UST during the USTs removal. Benzene and methyl tert-butyl ethyl (MTBE) were not detected in any soil samples. The Site is operated as a vehicle storage and maintenance facility.

Groundwater was not encountered during the USTs removal to a maximum explored depth of approximately 14 feet below ground surface (bgs). The depth of the shallow water bearing zone is estimated to be 23 feet bgs. Regional groundwater used for municipal supply is separated from

Tamco Interprises  
1531 West 135<sup>th</sup> Street, Gardena, Los Angeles County

shallow groundwater by the Bellflower Aquiclude, which extends to approximately 140 feet bgs in the vicinity of the Site, providing a barrier to the downward migration of petroleum constituents to deeper, productive aquifers.

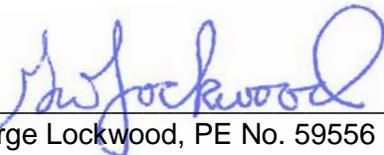
The nearest public supply well and surface water body are greater than 1,000 feet from the Site. Additional corrective action will not likely change the conceptual site model. Residual petroleum constituents pose a low risk to human health, safety, and the environment.

### 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 a low risk of petroleum vapors adversely affecting human health. Low concentrations of petroleum constituents are limited to the north end of the diesel UST at approximately 14 feet bgs. This location is approximately 30 feet to the maintenance building and 60 feet to the next closest on-Site structure. Benzene was not detected at this location. Given the depth of the residual petroleum constituents, the distance from the nearest structures, and the lack of a volatile component, residual petroleum constituents pose a low risk to human health via the Vapor Intrusion to Indoor Air exposure pathway.
- 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 because:
  - Soil samples collected at approximately 14 feet bgs contain only low concentrations of TPHg and TPHd;
  - Benzene and MTBE were not detected in any soil samples;
  - The Site is paved and accidental access to Site soils is prevented;

### 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

12/12/2014

Date

