

## 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 95812-2231
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. Rani Iyer	Case No.: 012478-012631

#### Case Information

USTCF Claim No.: None	Global ID: T0603799326
Site Name: Golden Bear Marketing Terminal	Site Address: 416 West Carter Drive Glendora, CA 91740 (Site)
Responsible Party: Golden Bear Marketing Attention: Mr. Ole Jensen	Address: 442 Fleetwood Place Glendora, CA 91740-5969
USTCF Expenditures to Date: N/A	Number of Years Case Open: 15

URL [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603799326](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603799326)

#### 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 Site is operating as a storage/parking lot for a commercial trucking company. Residual petroleum constituents in soil at the Site were discovered when one diesel underground storage tank, dispenser, and associated product piping were removed in 1999. Approximately 21 tons of impacted soil were removed from the Site and transported off-Site. Soil sampling results indicated elevated total petroleum hydrocarbons as diesel (TPHd) in soil underneath the dispenser. Benzene and methyl tert-butyl ether were non-detect.

In August 2013, depth-discrete soil samples were collected in the former dispenser area. The soil sampling location was near the soil sample collected in 1999. Soil samples indicated no detections of petroleum constituents, including TPHd. Groundwater was not encountered to a maximum explored [approximately 40 feet below ground surface (bgs)]. Depth to groundwater was reported at approximately 150 feet bgs at a nearby site in 2005.

Golden Bear Marketing Terminal  
416 West Carter Drive, Glendora, Los Angeles County

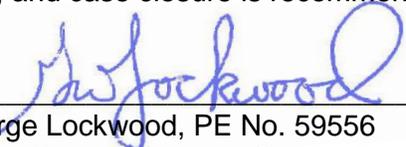
The nearest public supply well is greater than 1,000 feet from the Site. The nearest surface water body is the San Dimas Wash and located approximately 300 feet from the Site. Corrective action has been implemented and further additional corrective action will not likely change the conceptual site model. 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**. Groundwater has not been encountered to a maximum explored depth of approximately 40 feet bgs. There are not sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERION (2) b**. A site-specific risk assessment for the vapor intrusion pathway was conducted. The assessment concluded that there is a low risk of petroleum vapors adversely affecting human health. Total petroleum hydrocarbons as gasoline and benzene have never been detected in any soil samples. The Site is paved and currently operates as a storage/parking lot for a commercial trucking facility.
- Direct Contact and Outdoor Air Exposure Criteria – 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. The estimated naphthalene concentrations are less than the thresholds in Table 1 of the Policy for direct contact. There are no soil sample results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2% benzene and 0.25% naphthalene. Therefore, benzene concentrations can be used as a surrogate for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Table 1 of the Policy. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 of the Policy criteria for direct contact with a safety factor of eight. 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, 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

8/13/14

Date

