

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

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| 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 |

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| 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.: 009866-009708 |

Case Information

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| USTCF Claim No.: None | Global ID: T0603712632 |
| Site Name: Sun's Liquor | Site Address: 3257 East Gage Avenue Huntington Park, CA 90255 (Site) |
| Responsible Party: Sun's Liquor Attention: Mr. Frank Polito | Address: 2030 Mira Vista Way Palm Springs, CA 92262 |
| USTCF Expenditures to Date: N/A | Number of Years Case Open: 16 |

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603712632

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 operated as a liquor store. Residual petroleum constituents in soil were discovered when two underground storage tanks (USTs) and product piping were removed in October 1998. Low concentrations of petroleum constituents were identified in one sample collected from the base of the excavation at an estimated depth of 10 feet below ground surface (bgs). The amount of impacted soil removed from the Site was not reported.

Groundwater was not encountered during soil sampling to an estimated depth of 10 feet bgs. Depth to water is estimated to be 56 to 68 feet bgs. The nearest surface water body is greater than 1,000 feet from the Site. The nearest public supply well is located more than 1,000 feet northwest of the Site. Supply well testing results since 1989 have never detected petroleum constituents. Additional

Sun's Liquor
3257 East Gage Avenue, Huntington Park, Los Angeles County

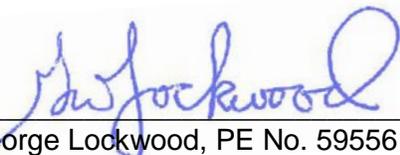
corrective action will not likely change the conceptual site model. Residual petroleum constituents only pose a low risk to human health, safety, and the environment.

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 LNAPL) 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 risk assessment for the vapor intrusion pathway was conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency. Minor concentrations of petroleum hydrocarbons were detected in one sample, located approximately 20 feet from the nearest building, during UST removal.
- 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. 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 and 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

11/6/2014

Date

