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	Address: 900 South Fremont Avenue Alhambra, CA 91803
Former Agency Caseworker: Mr. Alberto Grajeda	Case No.: 015066-049051

Case Information

USTCF Claim No.: None	Global ID: T0603713606
Site Name: R & R Services	Site Address: 500 South Ford Boulevard, Los Angeles, CA 90022 (Site)
Responsible Party: Mr. Jorge Viramontes	Address: 3685 Motor Avenue #200 Los Angeles, CA 90034
USTCF Expenditures to Date: None	Number of Years Case Open: 7

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603713606

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 at the Site was discovered when four gasoline underground storage tanks (USTs), one waste-oil UST, and associated piping were excavated and removed from the Site in April 2007. A concentration of total recoverable petroleum hydrocarbons (TRPH) was reported at less than 600 milligrams per kilogram (mg/kg), in only one sample (D3), beneath a dispenser island. No other petroleum constituents were reported above reporting limits in sample D3. The TRPH concentrations at all remaining soil sample locations were below 100 mg/kg. The Site improvements include an older vacant commercial building and a partially paved parking area.

The petroleum release is limited to the shallow soil. Groundwater was not encountered during UST removal activities. Based on depth to water measurements collected at a UST site (Former Shell Station), located approximately 2,100 feet southwest of the Site, groundwater depth is estimated to be

approximately 120 feet bgs and groundwater flow direction is towards the west. The nearest surface water body is greater than a 3,000 feet northeast of the Site. The nearest public supply well regulated by the California Department of Public Health is greater than 4,000 feet south of the Site.

Public water is provided by the California Water Service Company located in Montebello, CA. Public supply wells are usually constructed with competent sanitary seals. Remaining petroleum constituents are limited. Corrective actions have been implemented and additional corrective action would be unnecessary and costly. Additional assessment/monitoring will not likely change the conceptual site model. Remaining petroleum constituents do not pose significant risk to human health, safety or 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 the Policy.

- Petroleum Vapor Intrusion to Indoor Air Criteria – **Site meets CRITERIA 2 (b)**. A site-specific risk assessment for the vapor intrusion pathway is conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency. The petroleum release consists of weathered gasoline. The nearest existing building foundation is greater than 15 feet from the secondary source. Benzene concentrations in soil were non-detect. The bio attenuation zone is greater than 100 feet thick.

- Direct Contact and Outdoor Air Exposure Criteria – **Site meets CRITERIA 3 (b)**. Maximum concentrations of petroleum constituents in soil are less than levels that a site specific risk assessment demonstrates will have no significant risk of adversely affecting human health. There are no soil samples 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.

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