

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Agency Name: Orange County, Division of Environmental Health	Address: 1241 East Dyer Road, Suite 120 Santa Ana, CA 92705
Agency Caseworker: Shyamala Kalyanasundaram	Case No.: 11UT001

Case Information

USTCF Claim No.: N/A	Global ID: T10000002773
Site Name: G&M Oil No. 140	Site Address: 8032 Garden Grove Boulevard Garden Grove, CA 92844
Responsible Party: G&M Oil Company	Address: 16868 A Street Huntington Beach, CA 92647
USTCF Expenditures to Date: N/A	Number of Years Case Open: 8

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002773

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 Orange County Local Oversight Program (LOP) has requested that two sites, Shell Oil, UST Case T083000485T (Shell Oil) located at 12950 Garden Grove Boulevard, in Orange County, and the subject Site be considered concurrently. Beginning in February 2005, soil and groundwater at the Site was investigated during the assessment and cleanup for the Shell Oil Site. The existing monitoring well network for on-Site wells indicates a stable to decreasing contaminant plume. The remaining petroleum constituents in soil and groundwater beneath the Site, Garden Grove Boulevard, and Beach Boulevard are stable to decreasing. The site is an active service station, with four gasoline underground storage tanks (USTs), and six dispensers.

Groundwater is not currently being used as a source of drinking water or for any other designated beneficial use, and it is highly unlikely that groundwater will be used as a source of drinking water or for any other beneficial use in the foreseeable future. Public supply wells are usually constructed with competent sanitary seals and intake screens that are in deeper more protected aquifers. Additional assessment/monitoring will not likely change the CSM. Any 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 meets the criterion in **CLASS 4**. Based on an analysis of Site-specific conditions a conservative estimate of plume length that exceeds water quality objectives (WQOs) is less than 1,000 feet. There is no free product. The nearest existing water supply well or surface water body is greater than 1,000 feet from the estimated plume boundary. The dissolved concentration of benzene is less than 1,000 micrograms per liter ($\mu\text{g/L}$), and the dissolved concentrations of methyl tert butyl ether (MTBE) are less than 1,000 $\mu\text{g/L}$.
- Petroleum Vapor Intrusion to Indoor Air – Site meets **EXCEPTION**. Exposure to petroleum vapors associated with historical fuel system releases are comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure – 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.

Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, 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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10/17/13

Date

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10/17/13

Date