

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

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| Current Agency Name:<br>State Water Resources Control Board<br>(State Water Board)          | Address:<br>1001 I Street, P.O. Box 2231<br>Sacramento, CA 95812 |
| Current Agency Caseworker: Mr. Matthew Cohen  | Case No.: N/A  |
| Former Agency Name:<br>Los Angeles County Department of Public Works<br>(Prior to 7/1/2013) | Address:<br>900 South Fremont Avenue<br>Alhambra, CA 91803       |
| Former Agency Caseworker: Mr. John Awujo  | Case No.: 009481-009294  |

#### Case Information

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| USTCF Claim No.: None   | Global ID: T10000000162  |
| Site Name:<br>Queen of Heaven Cemetery  | Site Address:<br>2161 South Fullerton Road (Site)<br>Rowland Heights, CA 91748 |
| Responsible Party:<br>Archdiocese of Los Angeles<br>Attention: Cemeteries Department, George Harsch | Address:<br>3424 Wilshire Boulevard<br>Los Angeles, CA 90010-2241              |
| USTCF Expenditures to Date: N/A   | Number of Years Case Open: 11  |

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000000162](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000000162)

#### 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 Low-Threat Policy. This Case meets all of the required criteria of the Policy.

The release at the Site was discovered when one fuel dispenser and approximately sixteen feet of underground storage tank (UST) product piping were replaced in November 2002. Initial sampling indicated concentrations of petroleum constituents in soil at three feet below ground surface (bgs). A remedial excavation was conducted and approximately 14 tons of soil was excavated to 10 feet below the former fuel dispenser and piping. The post remediation soil sample collected at 10 feet bgs indicated methyl tert butyl ether (MTBE) at 39 parts per billion. No other petroleum constituents were reported in soil. The Site is operated as an active fueling facility at a cemetery.

Groundwater was not encountered during soil sampling; however depth to water is approximately 20 feet bgs. It is unlikely that a contaminant plume that exceeds water quality objectives (WQOs) would exceed 250 feet in length.

Queen of Heaven Cemetery  
2161 South Fullerton Road, Rowland Heights, Los Angeles County

The nearest public supply well and surface water body is greater than 1,000 feet from the estimated plume boundary. Public supply wells are usually constructed with competent sanitary seals and intake screens that are in deeper more protected aquifers. Remedial actions have been implemented and further remediation is not necessary. Additional assessment/monitoring will not likely change the conceptual model. 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 5**. Based on an analysis of site specific conditions that under current and reasonably anticipated near-term future scenarios, the Site poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame. It is unlikely that a contaminant plume would be greater than 250 feet in length. The nearest existing water supply well or surface water body is greater than 1,000 feet from the estimated plume boundary.
- Petroleum Vapor Intrusion to Indoor Air Criteria – 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 Criteria – Site meets **CRITERIA (3) a**. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1. The estimated naphthalene concentrations in soil meet the thresholds in Table 1 and the Policy criteria for direct contact by a 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, 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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11/21/13

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Date

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Senior Engineering Geologist

11/21/13

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Date