

State Water Resources Control Board

**UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY**

**Agency Information**

|                                                                                            |                                                                                 |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Agency Name:<br>Los Angeles Regional Water Quality Control Board (Los Angeles Water Board) | Address:<br>320 West 4 <sup>th</sup> Street, Suite 200<br>Los Angeles, CA 90013 |
| Agency Caseworker: Ahmad J. Lamaa                                                          | Case No.: R-12372                                                               |

**Case Information**

|                                                                            |                                                                              |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------|
| UST Cleanup Fund (Fund) Claim No.: N/A                                     | Global ID: T0603708568                                                       |
| Site Name:<br>SCE - Walnut Substation                                      | Site Address:<br>16333 East Gale Avenue<br>City of Industry, CA 91746 (Site) |
| Responsible Party:<br>Southern California Edison<br>Attention: Mark Landin | Address:<br>1218 South Fifth Avenue<br>Monrovia, CA 91016                    |
| Fund Expenditures to Date: N/A                                             | Number of Years Case Open: 17                                                |

**URL:** [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603708568](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603708568)

**Summary**

**This case has been proposed for closure by the State Water Resources Control Board at the request of the Los Angeles Regional Water Quality Control Board, which concurs with closure.**

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 currently operates as a substation for Southern California Edison, an electric utility provider. The release was discovered in 2002 upon the removal of two USTs and associated dispensers from the Site. Trace concentrations of methyl tertiary butyl ether and tertiary butyl alcohol were detected in a confirmation soil sample.

Residual petroleum constituents pose low threat via direct contact, outdoor air, and vapor intrusion pathways. Trace concentrations of fuel oxygenates detected in Site soils are below relevant screening levels and pose low risk to groundwater resources or Site users. Remaining petroleum constituents are limited, stable, and decreasing. Additional assessment would be unnecessary and will not likely change the conceptual model. Any remaining petroleum constituents do not pose significant risk to human health, safety, or the environment under current conditions.

### 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**. Soil does not contain sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria in this Policy.
- Petroleum Vapor Intrusion to Indoor Air – Site meets **Criteria 2 (a), Scenario 3**. As applicable, the extent of the bioattenuation zone, oxygen concentrations in soil gas, concentrations of total petroleum hydrocarbons as gasoline and diesel combined in soil, and dissolved concentrations of benzene in groundwater meet the Policy.
- Direct Contact and Outdoor Air Exposure – 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.

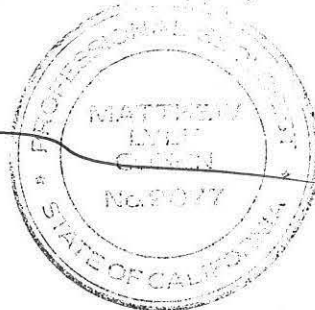
There are no soil sample results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain 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, the environment. The corrective action performed at this Site is consistent with chapter 6.7 of division 20 of the Health and Safety Code, implementing regulations, applicable state policies for water quality control and applicable water quality control plans. Case closure is recommended.



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Senior Engineering Geologist



3/20/2019  
Date