

State Water Resources Control Board

REVIEW SUMMARY REPORT – CLOSURE PRELIMINARY REVIEW – DECEMBER 2015

Agency Information

Agency Name: Riverside County Environmental Health Department (County)	Address: 3880 Lemon Street, Suite 200 Riverside, CA 92501
Agency Caseworker: Sharon Boltinghouse	Case No.: 200319647

Case Information

USTCF Claim No.: 19727	GeoTracker Global ID: T0606526127
Site Name: Shell Heacock	Site Address: 12301 Heacock Street Moreno Valley, CA 92557
Responsible Party: Equilon Enterprises Attn: Deborah Pryor	Address: 20945 South Wilmington Ave. Carson, CA 90810
USTCF Expenditures to Date: \$0	Number of Years Case Open: 12

To view all public documents for this case available on GeoTracker use the following URL:

http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606526127

Summary

The Low-Threat Underground Storage Tank (UST) 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. Highlights of the case follow:

This case is an active commercial petroleum fueling facility. An unauthorized release was reported in March 2003. Approximately 1,174 tons of contaminated soil was excavated to the depth of 8 feet below ground surface (bgs) in December 2002. Soil vapor extraction was conducted between September 2006 and June 2010, which removed 3,288 pounds of total petroleum hydrocarbons as gasoline (TPHg). Since 2004, 15 groundwater monitoring wells have been installed and monitored. In April 2013, the Public Notice for implementing monitored natural attenuation was made. According to groundwater data water quality objectives have been achieved or nearly achieved except methyl tert-butyl ether (MTBE). One offsite monitoring well (MW-16) indicates stable, elevated concentrations of tert-butyl alcohol (TBA).

The petroleum release is limited to the soil and shallow groundwater. According to data available in GeoTracker, there are no public water supply wells or surface water bodies within 1,000 feet of the defined plume boundary. One public supply well (Well 64) has been identified approximately 1,000 feet from the defined plume boundary. The unauthorized release is located within the service area of a public water system, as defined in the Policy. The affected shallow groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the affected shallow groundwater will be used as a source of drinking water in the foreseeable future. Other designated beneficial uses of the affected shallow groundwater are not threatened, and it is highly unlikely that they will be, considering these factors in the context

Shell Heacock
12301 Heacock Street, Moreno Valley
Claim No: 19727

of the site setting. Remaining petroleum hydrocarbon constituents are limited and stable, and concentrations are decreasing. Corrective actions have been implemented and additional corrective actions are not necessary. Any remaining petroleum hydrocarbon constituents do not pose a significant risk to human health, safety or the environment.

Rationale for Closure under the Policy

- **General Criteria:** The case meets all eight Policy general criteria.
- **Groundwater Specific Criteria:** The case meets Policy Criterion 1 by Class 5. There is a public supply well (Well 64) located approximately 1,000 feet from the defined plume boundary. If not for this supply well the case would meet Policy Criterion 1 by Class 4. The contaminant plume that exceeds water quality objectives is less than 1,000 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 1,000 feet from the defined plume boundary. The dissolved concentrations of benzene and MTBE are each less than 1,000 micrograms per liter ($\mu\text{g/L}$).
- **Vapor Intrusion to Indoor Air:** The case meets the Policy Exclusion for Active Station. Soil vapor evaluation is not required because the Site is an active commercial petroleum fueling facility and the release characteristics do not pose an unacceptable health risk.
- **Direct Contact and Outdoor Air Exposure:** This case meets Policy Criterion 3b. Although no document titled "Risk Assessment" was found in the files reviewed, a professional assessment of site-specific risk from potential exposure to residual soil contamination was completed by Fund staff. The results of the assessment found that maximum concentrations of petroleum constituents remaining in soil will have no significant risk of adversely affecting human health. The Site is paved and accidental exposure to site soils is prevented. Therefore, the pathway is incomplete. Any construction crew performing subsurface work will be prepared to deal appropriately with environmental hazards anticipated or encountered in their normal daily work. The presence of residual contamination should be taken into account when issuing and executing excavation or building or other permits at the Site, including but not limited to the inclusion of a Competent Person in the work crew.

Agency Communications

The Review Summary Report recommending closure was emailed to the County on May 15, 2015, with a request for comments or a teleconference. The email requested a response by June 1, 2015. The County declined a teleconference, provided objections to closure, and stated an additional round of groundwater sampling was necessary because a number of wells have been consistently submerged. Additional groundwater sampling events were performed in June and September 2015, and results further support the State Water Board staff recommendation for closure.

Shell Heacock
12301 Heacock Street, Moreno Valley
Claim No: 19727

State Water Board staff recommends that County staff initiate closure proceedings. State Water Board staff also recommends that the County staff direct the Responsible Party to perform public notice activities. At the completion of the public comment period, State Water Board staff recommends that the County staff direct the Responsible Party to properly destroy the monitoring wells, dispose of the investigation derived waste, and upload the well destruction report to GeoTracker. The only activities that will be reimbursable are the tasks identified above, with the assumption that reasonable costs are proposed in the Budget Change Request, and adhered to during their implementation. Reasonable and necessary costs associated with these tasks will be reimbursed under the current budget category.



Kirk Larson, P.G. Date 12/2/15
Engineering Geologist
Technical Review Unit
(916) 341-5663



Pat G. Cullen, P.G. Date 12/2/15
Senior Engineering Geologist
Chief, Technical Review Unit
(916) 341-5684

BLANK

Lisa Babcock, P.G. 3939, C.E.G. 1235 Date _____
Fund Manager