

**State Water Resources Control Board**

**REVISED  
UST CASE CLOSURE REVIEW SUMMARY REPORT**

**Agency Information**

Agency Name: Santa Clara County Environmental Health Department (County)	Address: 1555 Berger Drive, Suite 300 San Jose, CA 95112
Agency Caseworker: Gerald O'Regan	Case No.: 0751W09G01f

**Case Information**

USTCF Claim No.: 3848	GeoTracker Global ID: T0608500556
Site Name: Chevron #9-4300	Site Address: 2790 Homestead Road Santa Clara, CA 95051
Responsible Party: Chevron Products Attn: Mark Lafferty	Address: 9001 Bollinger Canyon Road San Ramon, CA 94583
Responsible Party: Estate of Reynold Schweickhardt	Address: Private Address
USTCF Expenditures to Date: \$1,376,043	Number of Years Case Open: 29

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=T0608500556](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500556)

**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 Site is a former commercial petroleum fueling facility that has been redeveloped as a fast food restaurant. An unauthorized release was reported in March 1986. Unknown volume of impacted soil was excavated to a depth of 18 feet bgs and disposed offsite in 1987. Dual phase extraction was conducted intermittently between June 1996 and October 2013, which reportedly removed 401,657 gallons of contaminated groundwater. Groundwater extraction was conducted between 1999 and August 2005, which removed 4,585 pounds of total petroleum hydrocarbons as gasoline (TPHg) and 25 million gallons of contaminated groundwater. Since 1987, 32 groundwater monitoring wells have been installed and monitored, and ten wells have been destroyed. According to groundwater data, water quality objectives have been achieved or nearly achieved for all constituents.

The petroleum release is limited to the soil and shallow groundwater. According to data available in GeoTracker, the nearest surface water body (Saratoga Creek) is approximately 600 feet west (crossgradient) from the defined plume boundary. No other water supply wells have been identified within 1,000 feet of the Site in files reviewed. 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

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

Chevron #9-4300  
2790 Homestead Road, Santa Clara  
Claim No: 3848

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 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. The nearest surface water body (Saratoga Creek) is approximately 600 feet west (crossgradient) from the defined plume boundary. Groundwater flow direction at the Site has been historically consistent and parallel to the orientation of the creek, therefore, under present conditions and reasonably anticipated future conditions it is highly unlikely that the affected groundwater would migrate toward the creek. If not for this surface water body this case would satisfy Policy Criterion 1 by Class 4. The contaminant plume that exceeds water quality objectives is approximately 220 feet in length. There is no free product. The nearest downgradient water supply well is more than 1,000 feet from the defined plume boundary.
- **Vapor Intrusion to Indoor Air:** The case meets Policy Criterion 2a by Scenario 3b. The maximum benzene concentration in groundwater is less than 1,000 µg/L. The minimum depth to groundwater is greater than 10 feet, overlain by soil containing less than 100 milligrams per kilogram (mg/kg) of TPH.
- **Direct Contact and Outdoor Air Exposure:** The case meets Policy Criterion 3a. Maximum concentrations in soil are less than those in Policy Table 1 for Commercial/Industrial use, and the concentration limits for a Utility Worker are not exceeded.

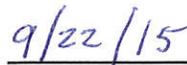
#### **Determination**

Based on the review performed in accordance with Health & Safety Code Section 25299.39.2 subdivision (a), the Fund Manager has determined that closure of the case is appropriate.

#### **Recommendation for Closure**

Based on available information, residual petroleum hydrocarbons at the Site do not pose a significant risk to human health, safety, or the environment, and the case meets the requirements of the Policy. Accordingly, the Fund Manager recommends that the case be closed. The State Water Board is conducting public notification as required by the Policy. Santa Clara County has the regulatory responsibility to supervise the abandonment of monitoring wells.

  
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Lisa Babcock, P.G. 3939, C.E.G. 1235

  
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Date

Prepared by: Kirk Larson, P.G.