

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Current Agency Name: Orange County Health Care Agency	Address: 1241 East Dyer Street, Suite 120 Santa Ana, CA 92705
Current Agency Caseworker: Ms. Julie Wozencraft	Case No.: 88UT062

#### Case Information

USTCF Claim No.: 5631	Global ID: T0605900661
Site Name: Mobil #18-FXW	Site Address: 5962 La Palma Avenue La Palma, CA 90623 (Site)
Responsible Party: ExxonMobil Environmental Services Attention: Ms. Sylvana M. Azana	Address: 3700 West 190 <sup>th</sup> Street, NTO Torrance, CA 90504
USTCF Expenditures to Date: \$0	Number of Years Case Open: 27

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0605900661](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900661)

#### 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.

Residual petroleum constituents were discovered during a Site investigation in 1988. A groundwater pump and treat system (GWPTS) operated at the Site from March 1989 to July 2000. Approximately 26 million gallons of petroleum-impacted groundwater were extracted and treated by the system. The GWPTS was restarted in February 2002 and operated through June 2002, removing an additional 141,945 gallons of petroleum-impacted groundwater. A soil vapor extraction (SVE) system operated periodically at the Site from May 1993 to February 2002 and removed approximately 18,150 pounds of vapor phase petroleum constituents.

Four underground storage tanks (USTs), associated dispensers, and product piping were removed from the Site in August 2000. More than 770 tons of impacted soil were removed and transported off-site for disposal and 650 gallons of free product and groundwater mixture were removed from the tank excavation during UST removal. Free product has not been reported at the Site since 1997.

An air sparge (AS)/SVE system began operating at the Site intermittently from June 2006 through June 2009. The AS/SVE system removed 1,920 pounds of vapor phase petroleum constituents. Oxygen releasing compound socks were installed in an off-site groundwater monitoring well in November 2006 and July 2007. An eight-hour dual phase extraction remediation event was conducted

Mobil #18-FXW  
5962 La Palma Avenue, La Palma, Orange County

at the Site in August 2010 and removed approximately 0.012 pounds of petroleum constituents. The Site is operated as a retail bank.

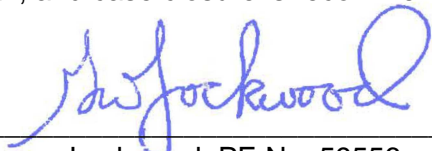
The average depth to groundwater at the Site is eight feet below ground surface. The nearest public supply well is greater than 1,000 feet from the Site. Moody Creek Flood Control Channel, the concrete-lined underground, is located adjacent to the Site to the northwest. Additional corrective action will not likely change the conceptual site model. Remaining residual petroleum constituents pose a low risk to human health, safety, and 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 criteria in **CLASS 2**. The contaminant plume that exceeds water quality objectives is less than 250 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 concentration of benzene is less than 3,000 µg/L and the dissolved concentration of methyl tert-butyl ether is less than 1,000 µg/L.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERION 2 (b)**. A Site-specific assessment for the vapor intrusion pathway was conducted. The assessment found that there is a low risk of petroleum vapors adversely affecting human health. The localized petroleum constituents detected at the Site are unlikely to impact Site users through the indoor vapor intrusion pathway.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION 3 (a)**. Maximum concentrations of residual petroleum constituents in soil are less than or equal to those listed in Table 1 of the Policy.

### Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, and 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.



George Lockwood, PE No. 59556  
Senior Water Resource Control Engineer

February 19, 2015

Date

