

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Agency Name: Los Angeles Regional Water Quality Control Board (Los Angeles Water Board)	Address: 320 West 4 <sup>th</sup> Street, Suite 200 Los Angeles, CA 90013
Agency Caseworker: Mr. Ahmad Lamaa	Case No.: I-07605A

#### Case Information

USTCF Claim No.: 5606	Global ID: T0603703311
Site Name: Mobil 18-114	Site Address: 22628 Golden Springs Drive Diamond Bar, CA 91765 (Site)
Responsible Party: Circle K Stores, Inc. Attention: Mr. Rex Abacan	Address: 255 East Rincon Street, Suite 100 Corona, CA 92879
USTCF Expenditures to Date: \$481,953	Number of Years Case Open: 19

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603703311](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703311)

#### Summary

**This case has been proposed for closure by the State Water Resources Control Board at the request of the Los Angeles Water Board, which concurs with the 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 release at the Site was discovered when the diesel product line failed a pressure test in July 1990. The product and vent lines were replaced in November 1990. Over 375 tons of soil were transported offsite for disposal during product line replacement activities. Free product removal was conducted at the Site via regular bailing and over-purging between December 1995 and July 2012. Approximately 23 gallons of free product were removed. Measurable free product has not been reported at the Site since February 2013. A 24-hour dual phase extraction test was conducted at the Site in July 2003, removing over 1,000 gallons of groundwater and over 0.8 pounds of vapor phase hydrocarbons. Four underground storage tanks (USTs), along with dispensers and associated product piping were removed from the Site in December 2013. Over 1,400 cubic yards of impacted soil were over-excavated and transported offsite for disposal during UST removal activities in December 2013 and January 2014. Three new USTs were installed at the Site in January 2014. The Site is operated as an active retail fueling facility.

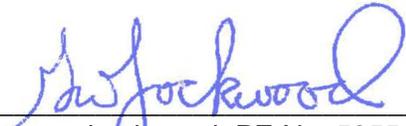
Groundwater was measured at a depth of approximately 43 feet below ground surface. The contaminant plume that exceeds water quality objectives is less than 250 feet in length and has been stable or decreasing. The nearest public supply well is greater than 1,000 feet from the Site. The nearest surface water bodies, the Diamond Bar County Golf Course Lake and the Diamond Bar Creek, are located approximately 530 feet north-northwest and 870 feet northwest of the Site, respectively. Additional corrective action will not likely change the conceptual site model. Residual petroleum constituents do not pose a 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 – The Site meets the criterion in **CLASS 5**. The regulatory agency determines, based on an analysis of Site-specific conditions that under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health, safety, and to the environment and water quality objectives will be achieved within a reasonable time frame. 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 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 MTBE is less than 1,000 µg/L. Although the Diamond Bar County Golf Course Lake and the Diamond Bar Creek are located over 500 feet downgradient from the Site, they are unlikely to be impacted by the release at the Site because concentrations of petroleum constituents in the groundwater beneath the Site are very low and the groundwater plume has been stable or decreasing since 2011.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **EXCEPTION**. Exposure to petroleum vapors associated with historical fuel system releases is 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 **CRITERION 3 (a)**. Maximum concentrations of residual petroleum constituents in soil are less than or equal to those listed in Table 1.

### 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.

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

5/7/2015  
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Date

