

State Water Resources Control Board

UST CASE CLOSURE REVIEW SUMMARY REPORT

Agency Information

Agency Name: Tulare County Environmental Health Department (County)	Address: 5957 South Mooney Blvd. Visalia, CA 93277
Agency Caseworker: Leticia Tapia	Case No.: 734

Case Information

USTCF Claim No.: 12954	GeoTracker Global ID: T0610700372
Site Name: Pinky's Liquor	Site Address: 19534 Orange Belt Drive Strathmore, CA 93267
Responsible Party: Pinky's Liquor	Address: 19534 Orange Belt Drive Strathmore, CA 93267
USTCF Expenditures to Date: \$781,832	Number of Years Case Open: 18

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=T0610700372

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 an active commercial petroleum fueling facility and market. An unauthorized release was reported in March 1997 following the removal of three gasoline USTs. An unknown volume of impacted soil was excavated to a depth of 12 feet below ground surface (bgs) and disposed offsite in 1997. Soil vapor extraction and air sparging were conducted intermittently between November 2005 and December 2014, which reportedly removed 33,369 pounds of total petroleum hydrocarbons (TPHg). The recovery rate in December 2014 was calculated at less than 0.1 pound per day. Reportedly, dual phase extraction was conducted in January 2010, which removed 730 pounds of TPHg. Since 1999, six groundwater monitoring and three remediation wells have been installed and monitored. According to groundwater data, water quality objectives have been achieved or nearly achieved for all constituents except in the source area.

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 250 feet of the defined plume boundary. No other water supply wells have been identified within 250 feet of the defined plume boundary 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 foreseeable future. Other designated beneficial uses of the affected shallow groundwater are

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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 1. The contaminant plume that exceeds water quality objectives is less than 100 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 250 feet from the defined plume boundary.
- 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 exposure through the direct exposure pathway was performed by Fund staff. The assessment of site-specific risk from potential exposure to residual soil contamination 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. As an active petroleum fueling facility, any construction worker working at the Site will be prepared for exposure in their normal daily work.

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. Tulare County has the regulatory responsibility to supervise the abandonment of monitoring wells.

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

7/6/15
Date

Prepared by: Kirk Larsen, P.G.

Objections to Closure and Response
Regarding Pinky's Liquor, located at 19534 Orange Belt Drive, Strathmore, CA
Claim 12954

The Review Summary Report recommending closure was emailed to the Tulare County Environmental Health Department (County) on November 25, 2014, with a request for comments or a teleconference. No response was received. State Water Board staff determined that the lack of response indicated the County has no objections to closure.

According to the Path to Closure page in GeoTracker, finalized on December 30, 2013, the County's previous objections to closure included the following:

Comment: Secondary source remains. An estimated 28,389 pounds of hydrocarbons have been removed through the Third Quarter of 2013 with the destruction rate holding at 10 pounds per day. Continue active remediation due to the concentration of hydrocarbons remaining in the vadose and saturated zones and the presence of hydrocarbons beneath the occupied structure at the site.

Response: As of December 2014, an estimated 33,369 pounds of petroleum hydrocarbons have been removed. The recovery rate in December 2014 was calculated at less than 0.1 pound per day, which indicates that the remediation system has reached the limit of its effectiveness and secondary source has been removed to the extent practicable.