

State Water Resources Control Board

DRAFT
REVIEW SUMMARY REPORT – ADDITIONAL WORK
PRELIMINARY REVIEW – OCTOBER 2014

Agency Information

Agency Name: San Francisco Bay Regional Water Quality Control Board (Regional Water Board)	Address: 1515 Clay Street, Suite 1400 Oakland, CA 94612
Agency Caseworker: Kevin Brown	Case No.: 01-0399

Case Information

USTCF Claim No.: 8831	GeoTracker Global ID: T0600100364
Site Name: Sears Auto Center #1248	Site Address: 660 West Winton Avenue Hayward, CA 94545
Responsible Party: Sears, Roebuck and Company c/o Scott Taylor	Address: 3333 Beverly Road, B5-335A Hoffman Estates, IL 60179
USTCF Expenditures to Date: \$0	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=T0600100364

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 does not meet all of the required criteria of the Policy. Highlights of the case follow:

This Site is an active automotive repair facility. An unauthorized release was reported in May 1985 following the removal of three gasoline USTs. In-situ hydrogen peroxide injection was conducted between January 2003 and July 2006, which injected approximately 34,000 gallons of hydrogen peroxide solution. Between August and September 2009, a groundwater extraction pilot test removed approximately 1,500 pounds of petroleum hydrocarbons. Active remediation has not been conducted at the Site for the past four years. Since 1984, 24 groundwater monitoring wells have been installed and monitored. According to groundwater data, water quality objectives have not been achieved.

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. No other water supply wells have been identified within 1,000 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 not threatened, and it is highly unlikely that they will be, considering these factors in the context of the site setting.

Rationale for Closure under the Policy

- General Criteria: The case meets all eight Policy general criteria.
- Groundwater Specific Criteria: The case does not meet Policy criteria because the dissolved concentrations of benzene exceed 3,000 micrograms per liter ($\mu\text{g/L}$) and the contaminant plume that exceeds water quality objectives is greater than 250 feet in length.
- Vapor Intrusion to Indoor Air: The case meets Policy Criterion 2a by Scenario 4 with no bioattenuation zone. The maximum benzene, ethylbenzene, and naphthalene concentrations in soil gas are less than 280 micrograms per cubic meter ($\mu\text{g/m}^3$), 3,600 $\mu\text{g/m}^3$, and 310 $\mu\text{g/m}^3$, respectively, at a depth of five feet. According to soil vapor samples collected in 2001, the levels meet the Commercial soil gas criteria.
- 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. Although no soil samples were collected at 10 feet below ground surface (bgs), samples collected at 5 and 15 feet bgs contained minor petroleum hydrocarbon contamination. As an active auto repair facility, any construction worker working at the Site will be prepared for exposure in their normal daily work.

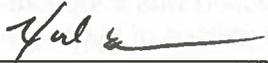
Objections to Closure and Responses

According to the Path to Closure page in GeoTracker, finalized on December 31, 2013, the Regional Water Board objects to UST case closure because:

- The case does not meet Policy vapor criteria.
RESPONSE: The case meets Policy Criterion 2a by Scenario 4.

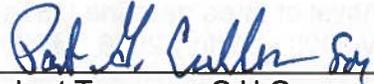
Recommendation

The Fund recommends that the County direct the Responsible Party to continue active groundwater remediation to achieve Policy criteria in a timely manner.



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10/14/14
Date



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