

State Water Resources Control Board

**REVIEW SUMMARY REPORT – CONCUR WITH ADDITIONAL WORK
FIRST REVIEW – DECEMBER 2017**

Case Information

Cleanup Fund (Fund) Claim No.: 8203	GeoTracker Global ID: T0600102298
Site Name: Chevron #9-7127	Address (Site): 10 Grant Line Road Mountain House, CA 94550
Responsible Party (RP): Chevron Products Company Attn: Joe Watterson	Address (RP): 6001 Bollinger Canyon Road Room C-2106 San Ramon CA 94583
Claimant: Chevron Products Company	Address: Same
Fund Expenditures to Date: \$0	Number of Years Case Open: 26
Fund Budget Category: NA	

Agency Information

Agency Name: Alameda County Environmental Health (County)	Address: 1131 Harbor Bay Parkway, 2 nd Floor Alameda, CA 94502
Agency Caseworker: Mark Detterman	Case No.: RO0000185

Consultant History

Consultant: Stantec Signatory: Jaff Auchterlonie, P.G.	Years: 2015 - Present Office Phone: (408) 827-3876
Consultant: Arcadis Signatory: David Lay, P.G.	Years: 2012 - 2015 Office Phone: (916) 786-0320
Consultant: Conestoga-Rovers & Associates Signatory: James Kiernan, P.E.	Years: 2007 - 2012 Office Phone: (916) 889-8900

This Review Summary Report is based on documents available in GeoTracker. To view the public documents for this case available in GeoTracker, use the following URL:

http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102298

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:

The Site is a former commercial petroleum fueling facility and is currently vacant undeveloped land. An unauthorized release was reported in June 1991 following the removal of five USTs (three gasoline, one waste oil, one heating oil) along with an unknown amount of soil over-excavated to depths ranging from 13 to 18 feet below ground surface (bgs). The soil was aerated and placed back into the former UST pit. A private onsite water supply well was on wellhead treatment between 1987 and 1993 and was destroyed in March 2015. Oxygen Release Compound™ socks were installed in August 1998 in monitoring wells MW-1, MW-2, and MW-4 to enhance

biodegradation of petroleum constituents. Ten groundwater extraction events were conducted between July 2001 and April 2003 which removed a reported 13,400 gallons of contaminated groundwater and 2.19 gallons of free product. Additional free product removal has been conducted using hand bailing and passive skimmers which removed an additional 76 gallons of free product. Active remediation has not been conducted at the Site for the past fourteen years. Since 1992, sixteen groundwater monitoring wells have been installed and regularly monitored. According to groundwater data, water quality objectives (WQOs) have not been achieved.

The petroleum release is limited to the soil and shallow groundwater. The affected groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the affected groundwater will be used as a source of drinking water in the foreseeable future. Other designated beneficial uses of impacted 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:

- **Site does not meet all eight General Criteria.** Free product has not been removed to the maximum extent practicable.

Media-Specific Criteria

- **Groundwater:** Site does not meet the groundwater criteria. Concentrations of benzene in groundwater are greater than 3,000 micrograms per liter ($\mu\text{g/L}$) and free product has not been removed to the extent practicable.
- **Petroleum Vapor Intrusion to Indoor Air:** Site does not meet petroleum vapor to indoor air criteria. Depth to water is less than 30 feet below ground surface. Dissolved concentrations of benzene are greater than 1,000 micrograms per liter. No soil gas samples have been collected.
- **Direct Contact and Outdoor Air Exposure:** Site meets **Criteria 3 (a)**. Maximum concentrations of petroleum constituents in soil from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy.

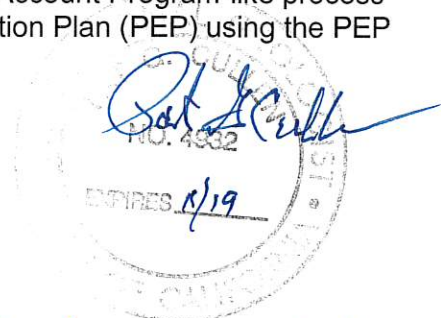
Status Update


In email communications on December 9, 2017 between Regional Water Board staff and State Water Board staff, the following scope was discussed and agreed upon:

- Implement a cost effective remedial technology to achieve Policy criteria in a timely manner.
- Collect soil gas samples to evaluate the petroleum vapor intrusion to indoor air risk for the future construction of the fast food restaurant.
- Continue with semi-annual groundwater monitoring and reporting.

The claim does not currently have a letter of commitment (LOC) from the Fund. Upon obtaining an LOC, State Water Board staff recommend that an Expedited Claim Account Program-like process be undertaken. This would include development of a Project Execution Plan (PEP) using the PEP template and instructions on the Fund website.


The recommended future Fund budget category for this claim is:
RS/IRA – Remedial Selection/Interim Remedial Action





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Engineering Geologist
Expedited Claim Account Unit
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12/11/17
Date



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(916) 341-5684

12/11/17
Date

