

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Current Agency Name: San Francisco County	Address: 1390 Market Street Suite 210 San Francisco, CA 94102
Current Agency Caseworker: Ms. Elyse Heilshorn	Case No.: 10056

#### Case Information

USTCF Claim No.: 11225	Global ID: T0607500024
Site Name: Arco Station No. 6185	Site Address: 5898 Mission Street San Francisco, CA 94112
Responsible Party: Atlantic Richfield Company Attention: David Evans	Address: 950 Glenn Drive, Suite 125 Folsom, CA 95830
USTCF Expenditures to Date: \$0	Number of Years Case Open: 24

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0607500024](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607500024)

#### 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 Low-Threat Policy. This Case meets all of the required criteria of the Policy.

The release at the Site was discovered when four underground storage tanks (UST) were removed in 1989 and replaced with four USTs. Approximately 926 cubic yards (CYs) of soil were removed during over-excavation in 1989. Approximately 15 oxygen releasing compound units were installed in monitoring well A-2 during 1998 and were replaced during 1999. During 2004 redevelopment, approximately 67 CYs of soil were removed from the Site. Soil vapor extraction system removed a total of 749 pounds of volatile organic compounds between 2011 and 2012.

The petroleum release is limited to the shallow soil and groundwater. The nearest public supply well regulated by the California Department of Public Health is located approximately 2,500 feet south of the Site. Water is provided to water users near the Site by the City of San Francisco.

The affected groundwater is not currently being used as a source of drinking water or for any other designated beneficial use, and it is highly unlikely that the affected groundwater will be used as a source of drinking water or for any other beneficial use in the foreseeable future. Public supply wells are usually constructed with competent sanitary seals and intake screens that are in deeper more protected aquifers. Remaining petroleum constituents are limited, stable and declining. Remedial actions have been implemented and further remediation would be ineffective and expensive. Additional

ARCO Station No. 6185  
5898 Mission Street, San Francisco

assessment/monitoring will not likely change the conceptual model. Any remaining petroleum constituents do not pose significant risk to human health, safety or the environment.

**Rationale for Closure under the Policy**

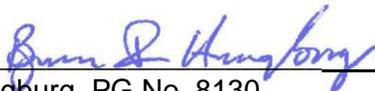
- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site meets the criterion in **CLASS 5**. The plume of petroleum constituents in groundwater is less than 250 feet in length as defined by monitoring well A-3. There is no free product. The nearest existing water supply is well or surface water body is greater than 1,000 feet from the plume boundary. Methyl tert butyl ether (MTBE) in groundwater is less than 1,000 micrograms per liter (µg/L). Benzene in groundwater that is greater than 3,000 µg/L is near a secondary source area.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets the **EXCEPTION**. The Site is an active petroleum fueling facility and has no release characteristics that can be reasonably believed to pose an unacceptable health risk.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERIA (3) a**. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1. The estimated naphthalene concentrations are less than the thresholds in Table 1 of the Policy for direct contact. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

**Recommendation for Closure**

The corrective action performed at this Site ensures the protection of human health, safety, 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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10/1/13  
Date

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10/1/13  
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