

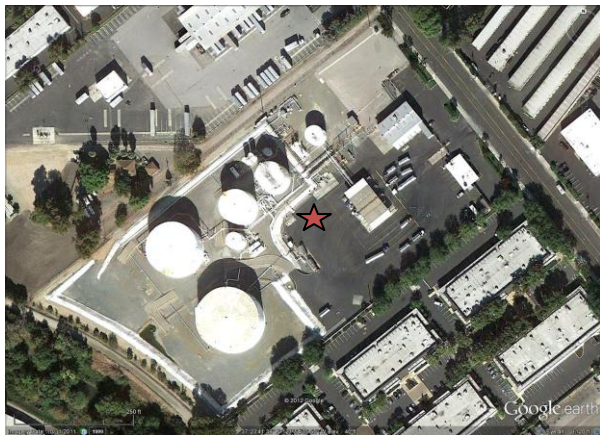
San Francisco Bay Regional Water Quality Control Board

Cleanup Activity Fact Sheet: Shell San Jose Terminal 2165 O'Toole Avenue, San Jose, CA October 2012

INTRODUCTION

The San Francisco Bay Regional Water Quality Control Board (Water Board) prepared this fact sheet to provide information about the proposed cleanup of the Shell San Jose Terminal (facility) located at 2165 O'Toole Avenue in San Jose, California. This fact sheet summarizes information contained in project documents and is intended to facilitate community awareness.

LOCATION AND BACKGROUND



The facility is located in an industrial and commercial area of the City of San Jose, east of Interstate 880. It is bordered by Coyote Creek to the west; a trucking facility and residence to the north; O'Toole Avenue, a ceramic manufacturing facility, a self storage facility, and an equipment rental facility to the east; and an electronics company to the south.

Coyote Creek drains northward towards the San Francisco Bay, approximately three miles away.

The facility is a bulk petroleum storage and distribution terminal that provides fuel to various retail stations. The facility has been operated as a terminal since the mid-1960s. It is currently owned and operated by Shell Oil Products US. The facility is comprised of seven aboveground storage tanks (ASTs) and one underground storage tank (UST) used to store fuels (gasoline and diesel) and fuel additives. These fuels are brought to the facility via pipeline and are stored in the ASTs. The petroleum products stored in the ASTs are pumped into transport tanker trucks via a loading rack at the facility for distribution to gasoline stations in the San Francisco Bay Area.

INVESTIGATION AND CLEANUP HISTORY

Shell has conducted several investigations to evaluate soil and groundwater conditions at the facility since the mid-1980s. Since then, total petroleum hydrocarbons in the gasoline range, total petroleum hydrocarbons in the diesel range, benzene, toluene, ethylbenzene, total xylenes, methyl tertiary-butyl ether (MTBE), tertiary-butyl alcohol (TBA), and lead have been detected in soil and/or groundwater beneath various portions of the facility. MTBE and TBA are detected in groundwater beneath the property north of the facility and MTBE is detected at low concentrations in monitoring wells along the western property boundary, adjacent to Coyote Creek. Groundwater sampling is currently being conducted quarterly each year.

JOHN MULLER, CHAIR | BRUCE H. WOLFE, EXECUTIVE OFFICER

Shell operated soil vapor extraction and groundwater extraction systems and conducted soil excavation, which were generally successful in reducing petroleum fuel and fuel additive concentrations in the soil and groundwater.

An extensive summary of previous investigations and cleanup activities is available in a *Revised Feasibility Study and Corrective Action Plan (CAP)*, dated August 13, 2012. This report is available online for viewing and downloading (see website below).

PROPOSED REMEDIAL ACTION

The cleanup goal for the facility is to reduce concentrations of petroleum fuel and fuel additives to meet specified cleanup objectives. The Water Board's 2008 Environmental Screening Levels were selected as numerical cleanup objectives because they are conservative indicators considered safe for human and environmental exposure.

Groundwater monitoring data indicate that natural degradation processes are reducing the concentrations of petroleum fuel and fuel additives in soil and groundwater beneath the facility. Therefore, the CAP proposes monitored natural attenuation (MNA) as the site-wide cleanup strategy. MNA relies on periodic sampling of effected media to demonstrate continued cleanup progress. The 2012 CAP report provides the lines of evidence to support this proposed approach.

PUBLIC REVIEW OF CLEANUP PLANS

A 30-day public review period for the proposed cleanup plans is scheduled to begin on October 31, 2012. The Water Board Site Cleanup Requirements Order No. 93-038, adopted April 21, 1993, is currently being updated and will be considered at the Water Board's December 12, 2012 meeting. Written

comments (email preferred) should be sent to the Water Board project manager identified below before the close of the public comment period on November 26, 2012.

FOR MORE INFORMATION

Water Board staff is available to answer questions and discuss the Shell San Jose Terminal Project. Please contact the following Water Board staff:

Alyx Karpowicz, Project Manager
Water Board – San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612
(510) 622-2427
Email: AKarpowicz@waterboards.ca.gov

CLEANUP-RELATED DOCUMENTS

The August 13, 2012 CAP is available for review at:

Regional Water Quality Control Board San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9214817106/SL374261193.PDF

The Tentative Site Cleanup Requirements are available for review at:

http://www.waterboards.ca.gov/sanfranciscobay/board_decisions/tentative_orders.shtml