



# California Regional Water Quality Control Board

## San Francisco Bay Region



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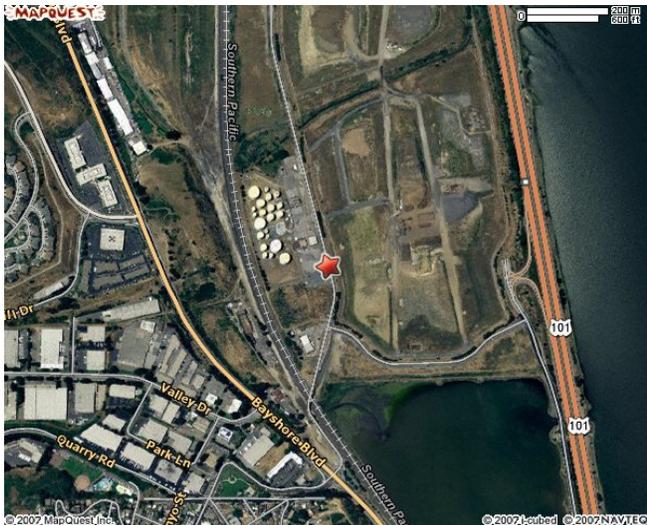
### Cleanup Activity Fact Sheet: SFPP, L.P. Brisbane Terminal 950 Tunnel Avenue, Brisbane, CA

October 2007

#### INTRODUCTION

The San Francisco Bay Regional Water Quality Control Board (Water Board) has prepared this fact sheet to provide information about the proposed cleanup of the SFPP Brisbane Terminal (facility) located at 950 Tunnel Road in Brisbane, 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 the City of Brisbane just west of Highway 101. The facility is located in a light-industrial area of Brisbane and is bordered by Tunnel Avenue to the east and south, Union Pacific Railroad tracks to the west, and the Brisbane Landfill to the north. A timber-lined stream channel is located along the northern boundary of the facility. The tidally-influenced channel drains

eastward across the landfill to San Francisco Bay, approximately 2,100 feet east of the facility.

The facility is a bulk petroleum storage and distribution terminal that provides aviation fuel to San Francisco airport as well as gasoline and diesel fuel to various retail stations. The facility was constructed in the 1960s and is currently owned and operated by SFPP, L.P., which is an operating partner of Kinder Morgan Energy Partners. The eastern portion of the facility is located upon the former Brisbane Municipal Landfill while the western portion, where 21 aboveground storage tanks (ASTs) reside, is situated on a bedrock outcrop. Gasoline, diesel, and aviation fuels are brought to the facility via pipeline and are stored in the ASTs. The gasoline and diesel fuel stored in the ASTs is pumped into tanker trucks via five loading racks at the facility for distribution to Bay Area gasoline stations. Aviation fuel is piped directly from the facility to San Francisco Airport.

#### INVESTIGATION AND CLEANUP HISTORY

SFPP has conducted several investigations to evaluate soil and groundwater conditions at the facility since the early-1990s pursuant to Water Board Cleanup Order No. 92-141 adopted on November 18, 1992. Since then, gasoline, diesel, and aviation fuels, including fuel additives - benzene, toluene, ethylbenzene, xylene (BTEX) and methyl-tertiary butyl ether (MTBE) - have been detected in groundwater beneath various portions of the facility. Groundwater sampling is currently being conducted twice per year.

Cleanup activities conducted in response to historic spills have generally been successful

in reducing petroleum fuel and fuel additive concentrations in the groundwater.

An extensive summary of previous investigations and cleanup activities is available in a remedial action plan (RAP), dated June 29, 2007, and a Monitored Natural Attenuation (MNA) report dated December 15, 2006. Both reports are available at the Brisbane Library and online (see website below).

### **PROPOSED REMEDIAL ACTION**

The cleanup objectives proposed in the RAP are based on the current land use (i.e., industrial/commercial property) where groundwater is not being used as a source of drinking water, and surface water (the timber-lined channel) is in an estuarine environment.

The cleanup goal for the facility is to reduce concentrations of petroleum fuel and fuel additives to levels protective of human health and the environment. The Water Board's Environmental Screening Levels (ESLs) were selected as numeric cleanup objectives because they are conservative indicators considered safe for human and environmental exposure.

A screening-level risk assessment presented in the RAP found that current facility conditions are protective of human health and the environment. However, because groundwater beneath the facility contains petroleum fuel and fuel additives at concentrations that could threaten surface water quality in the timber-lined channel, the ESLs for protection of surface water quality have been retained as proposed cleanup goals.

Groundwater monitoring data indicate that natural processes are reducing the concentrations of petroleum fuel and fuel additives in soil and groundwater beneath the facility. Therefore, the RAP 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 2006 MNA report and the 2007 RAP report provide 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 15, 2007. 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 16, 2007.

### **FOR MORE INFORMATION**

Water Board staff is available to answer questions and discuss the SFPP, L.P. Brisbane Terminal Project. Please contact the following Water Board staff:

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### **CLEANUP-RELATED DOCUMENTS**

The June 29, 2007 RAP and other relevant documents are available for review at:

Brisbane Library  
250 Visitacion Avenue  
Brisbane, CA  
(415) 467-2060

Regional Water Quality Control Board San Francisco Bay Region  
1515 Clay Street, Suite 1400  
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[www.waterboards.ca.gov/sanfranciscobay/site/cleanupdocs.htm](http://www.waterboards.ca.gov/sanfranciscobay/site/cleanupdocs.htm)

