



California Regional Water Quality Control Board

San Francisco Bay Region



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Edmund G. Brown, Jr.
Governor

MITIGATED NEGATIVE DECLARATION

SUBJECT: Adoption of Final Site Cleanup Requirements and Rescission of Order No. R2-2007-0082, South Field Tank Farm, Oakland International Airport, 1 Edward White Way, Oakland, Alameda County

PROJECT DESCRIPTION

The San Francisco Bay Regional Water Quality Control Board (Regional Water Board) is proposing to adopt final Site Cleanup Requirements (SCR) for the South Field Tank Farm (SFTF) at Oakland International Airport located at 1 Edward White Way in Oakland (Figure 1). The SFTF facility has been in operation since 1969, and environmental investigations have been ongoing since 1996 and consist of four fuel storage and fuel transfer facilities. Results from these investigations indicate that jet fuel and gasoline, including fuel additives benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl-tertiary butyl ether (MTBE) have been detected in soil and groundwater beneath various portions of the facility.

Previous remedial activities at the SFTF facility included: 1) the installation of groundwater extraction sumps and wells, and removal of separate-phase petroleum hydrocarbons and petroleum hydrocarbon-impacted groundwater, 2) soil excavation where jet fuel and other petroleum hydrocarbons spilled on several occasions, and 3) the installation of a permeable reactive barrier (PRB) to treat petroleum hydrocarbon-impacted groundwater that may migrate through the boundary between the Fuel Transfer Station and the former Tank Farm C.

The adoption of the final SCR would require implementation of the final remedial action plans (RAPs) and Risk Management Plans (RMPs), contained in each of the RAPs prepared for the SFTF in June 2010. The RAPs propose remedial activities such as: 1) continued operation and performance monitoring of the PRB, 2) excavation and removal of impacted soil, as needed, 3) free product removal, 4) augmented bioremediation, 5) monitored natural attenuation (MNA) by periodic evaluation of hydrocarbon and oxygenate concentrations and trends, 6) engineering controls, and 7) institutional controls.

Cleanup goals were proposed in the RAPs by the Dischargers based on the Regional Water Board's Tier 1 Environmental Screening Levels (ESLs) as well as site-specific Tier 2 cleanup levels for soil, groundwater and surface water that are protective of human health and the environment.

The project, as defined for the purposes of the California Environmental Quality Act (CEQA) evaluation, consists of the adoption of the SCR and associated Self-Monitoring Program (SMP), implementation of the final RAPs for the for four fuel storage and fuel transfer facilities, and

redevelopment of Tank Farm S into a facility to support airport fueling operations. The four facilities at the SFTF consist of:

- Tank Farm S
- Tank Farm C
- Former Humble/PS Trading Inc. Tank Farm (PST Tank Farm)
- Kinder Morgan Energy Partners SFPP, L.P. Oakland Airport Transfer Station (Fuel Transfer Station)

ENVIRONMENTAL SETTING

The site is located on the south side of the Oakland International Airport, adjacent to the San Francisco Bay in the City of Oakland. The surrounding areas are commercial and industrial.

FINDINGS AND DETERMINATION

The project proponent is the Port of Oakland. The Regional Water Board conducted an Initial Study (Attachment B), which determined that there is no substantial evidence that the project may have a significant effect on the environment. The preparation of an environmental impact report will not be required. If there are substantial changes that alter the character or impacts of the proposed project, another environmental impact determination will be necessary.

1. Based on the whole record (including the Initial Study and any supporting documentation), the Regional Water Board has determined that there is no substantial evidence that the project will have a significant effect on the environment.
2. The Mitigated Negative Declaration, with its supporting documentation, reflects the independent judgment and analysis of the lead agency, which is the Regional Water Board.
3. The Initial Study includes mitigation measures that are intended to avoid, minimize, or mitigate potential impacts. The project sponsor has agreed to revise the project to include these mitigation measures as part of the project. The following is a summary of these mitigation measures:
 - Reduce dust emissions (Tank Farm S).
 - Protect California Species of Special Concern (Tank Farm S).
 - Protect remedial systems from groundshaking effects (Tank Farm S, Tank Farm C, Fuel Transfer Station).
 - Protect Remedial systems from liquefaction effects (Tank Farm S, Tank Farm C, Fuel Transfer Station).
 - Reduce potential traffic conflicts with BART connector project (Tank Farm S).
 - Prevent conflicts with pedestrians and vehicles (Tank Farm S).

DOCUMENTATION

The attached Initial Study documents the reasons to support the above determination.

PUBLIC REVIEW DISTRIBUTION

Draft copies or notice of this Negative Declaration were distributed to:

- State Clearinghouse
- Alameda County Department of Environmental Health
- City of Oakland Environmental Services Division
- City of Oakland Public Library, 125 14th Street
- Port of Oakland
- Project mailing/distribution list

PUBLIC REVIEW

- (X) Draft document referred for comments on January 20, 2011.
- () No comments were received during the public review period.
- () Comments were received but did not address the draft Mitigated Negative Declaration findings or the accuracy/completeness of the Initial Study. No response is necessary. The letters are attached.
- () Comments addressing the findings of the draft Mitigated Negative Declaration and/or accuracy or completeness of the Initial Study were received during the public review period. The letters and responses follow (see Response to Comments, attached).

Copies of the proposed Mitigated Negative Declaration, the Initial Study, and documentation materials may be obtained at the Regional Water Board's offices in Oakland (1515 Clay Street, Suite 1400) or can be downloaded electronically at:

http://www.waterboards.ca.gov/sanfranciscobay/public_notices/public_notice.shtml

For questions or comments, please contact Mr. Max Shahbazian at (510) 622-4824.



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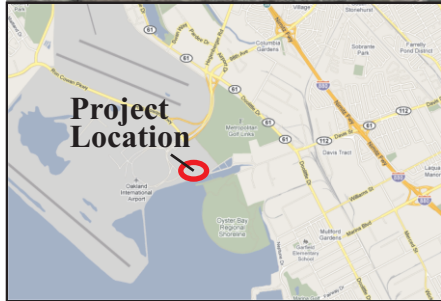
Bruce H. Wolfe
Executive Officer

Attachments:

- A. Site Location Map
- B. Initial Study

SOUTH FIELD TANK FARM

Figure 1



South Field Tank Farm Initial Study Oakland, California

