

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

**STAFF SUMMARY REPORT
STAFF: TERRY SEWARD
MEETING DATE: October 11, 2006**

ITEM: 5.B

SUBJECT: **ConocoPhillips Company**
San Francisco Refinery, Rodeo, Contra Costa County
Update of Site Cleanup Requirements and Rescission of Order
No. 93-046

CHRONOLOGY: Site Cleanup Requirements adopted in 1993
Waste Discharge Requirements were adopted in 1989, 1997 and 2005

DISCUSSION: The purpose of the Tentative Order is to update facility Site Cleanup Requirements for the ConocoPhillips Company (Discharger) San Francisco Refinery (Refinery). The Tentative Order requires Refinery investigations be made and corrective action measures implemented for specified areas of the Refinery that have been impacted by various spills, leaking pipes and leaking petroleum storage tanks. Specific Tasks require the Discharger to:

- Evaluate the effectiveness of groundwater control and hydrocarbon recovery between the existing segments of the groundwater interceptor trench;
- Evaluate groundwater control and potential contaminant discharge to San Pablo Bay along the Refinery perimeter shoreline areas not protected by groundwater interceptor trench segments;
- Re-evaluate persistent petroleum hydrocarbon hot spots;
- Evaluate the effectiveness of the existing groundwater extraction system; and
- Evaluate the coverage of the existing perimeter groundwater monitoring network.

The Discharger owns and operates the petroleum Refinery, which encompasses approximately 1,100 acres in the city of Rodeo and has been in operation since 1896. The northwestern boundary of the Refinery is located along the San Pablo Bay shoreline. The Refinery has approximately 100 aboveground storage tanks, about 80 of which are used to store petroleum products, with a maximum petroleum storage capacity of 7,800,000 barrels (42 gallons/barrel). Daily crude oil throughput is about 73,000 barrels. Crude oil is cracked and processed at the Refinery to produce gasoline, diesel fuel, and jet fuel.

Staff has incorporated relevant comments submitted by the Discharger during the public comment period; no comments were received from the public. The Discharger has indicated acceptance of the Tentative Order.

**RECOMMEN-
DATION:**

Adoption of the Tentative Order (Appendix A)

FILE NO.

2119.1051(TS)

APPENDICES:

A – Tentative Order

APPENDIX – A

Tentative Order