

San Francisco Bay Regional Water Quality Control Board

Updated Waste Discharge Requirements Fact Sheet:

**Shell Martinez Refinery
3485 Pacheco Blvd.
Martinez, CA**

August 2013

INTRODUCTION

The San Francisco Bay Regional Water Quality Control Board (Water Board) has prepared this fact sheet to provide information about the proposed updated Waste Discharge Requirements (WDR) Tentative Order for the Shell Martinez Refinery located at 3485 Pacheco Blvd. in Martinez, California. This fact sheet summarizes information contained in project documents and is intended to facilitate community awareness.

LOCATION AND BACKGROUND



The approximately 1000-acre refinery is located south of the Carquinez Strait of Suisun Bay in Contra Costa County. The City of Martinez lies to the west of the refinery, to

the south and east is industrial, commercial and residential land uses, and to the north is open space regional reserve area.

The refinery produces petroleum hydrocarbon products, by-products, and intermediates. The refinery, which began operating in 1916, processes approximately 150,000 barrels of crude oil per day. The refinery includes processing areas as well as storage tanks for crude oils, intermediate products, and refined products. The refinery also includes a wharf facility, railcar and tank truck facilities, and an effluent treatment plant which includes ponds used (either continuously or intermittently) to store stormwater and wastewaters. Products are shipped from the refinery via pipeline, ship, barge, tanker truck, and railcar..

INVESTIGATION AND CLEANUP HISTORY

The Waste Management Units (WMUs) covered under this Tentative Order include the WWTS ponds, Stormwater Surface Impoundments and the inactive waste units. Shell has conducted several investigations to evaluate soil and groundwater; groundwater monitoring has been conducted at the site since 1995. Primary constituents detected in site groundwater are Total Petroleum Hydrocarbons, Lead, Nickel, Zinc, Total Phenolics, and methyl-tert butyl ether (MTBE).

To monitor potential pond impacts on groundwater and surface water, the discharger monitors each unit's downgradient perimeter for increasing concentration trends of the unit's constituents of concern. The discharger also monitors the perimeter of the facility for constituents of concern. No parameters have

been exceeded in any point of compliance well(s).

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

PROPOSED ORDER UPDATE

This Tentative Order rescinds outdated WDR Order No. 95-234, updates the requirements for continued maintenance and monitoring of the WMUs (also referred to as ponds or surface impoundments), and also updates the requirements for the WMU water quality monitoring programs.

or at our office, located at:

1515 Clay Street, Suite 1400
Oakland, CA 94612

PUBLIC REVIEW OF WASTE DISCHARGE REQUIREMENTS

The Tentative Order for the proposed WDR update will be posted on our website for a 30-day public review period that will begin on August 16, 2013 and end on September 16, 2013. Written comments should be sent to the Water Board project manager identified below before the close of the public comment period on September 16, 2013. The Tentative Order will be presented for adoption by the Water Board at its October 9, 2013 meeting at 1515 Clay Street, Oakland.

FOR MORE INFORMATION

Water Board staff is available to answer questions related to the Shell Martinez Refinery WDR. Please send comments by email (preferred) to:
devender.narala@waterboards.ca.gov

Or mail comments to:

Devender Narala, Project Manager
Water Board – San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612
(510) 622-2309

DOCUMENT LOCATIONS

The Tentative WDRs are available for review at: