

ITEM: 14

SUBJECT: City of Brentwood Wastewater Treatment Plant, Contra Costa County

BOARD ACTION: *Consideration of NPDES Permit Renewal and Cease and Desist Order*

BACKGROUND: The City of Brentwood owns and operates a publicly owned Wastewater Treatment Plant that provides sewerage service for the City of Brentwood, serving a population of about 37,000 people. The Facility's design average dry weather flow capacity is 5 million gallons per day (mgd). The treatment system consists of a headworks (screening and grit removal), two extended aeration activated sludge basins, two denitrification basins, two secondary clarifiers, two banks of two single media filters (a total of four filters), a chlorine contact chamber, dechlorination, and a cascade aeration system. The Facility discharges tertiary treated effluent to Marsh Creek, a water of the United States, within the Sacramento-San Joaquin Delta. Periodically, the Discharger will use on-site percolation ponds for land disposal of secondary treated effluent. The proposed Order includes new effluent limitations for selenium, three persistent chlorinated hydrocarbon pesticides, iron, copper, and chloride, and more stringent effluent and receiving water limitations for temperature. A Cease and Desist Order is also proposed, which contains compliance schedules for meeting the effluent and receiving water limitations for temperature, and the new effluent limitations for copper.

Comments on the tentative Order were only received from the Discharger. A Response to Comments document is included in the agenda package. Some minor changes have been made to the proposed Order in response to the Discharger's comments.

ISSUES: None

Mgmt. Review _____
Legal Review _____

25 January 2008
11020 Sun Center Drive #200
Ranch Cordova, CA 95670