

ITEM:

SUBJECT: City of Red Bluff Wastewater Reclamation Plant, Tehama County

BOARD ACTION: Consideration of NPDES Permit Renewal

BACKGROUND: The Discharger owns and operates an advanced secondary treatment wastewater reclamation plant in the City of Red Bluff, Tehama County. The treatment system consists of screening for removal of large solids, aerated grit removal, primary sedimentation, activated sludge treatment with secondary clarification, filtration, and chlorination/dechlorination. Primary and waste activated sludge are treated by aerobic digestion, storage in solids storage basins, followed by dewatering and drying in sludge drying beds. Wastewater is discharged from Discharge Point 001 to the Sacramento River, a water of the United States, within the Sacramento River Basin. The facility discharges up to 2.5 million gallons per day (mgd) treated effluent to the Sacramento River. Minimum dilution in the Sacramento River usually exceeds 1,000:1.

The Discharger provides approximately 6.5 million gallons of treated effluent per year for reclamation purposes for landscape irrigation on State of California, Department of Transportation (Caltrans) property along Interstate 5. This discharge of recycled water for roadside landscape irrigation is currently governed by Wastewater Reclamation Permit Order No. 5-01-262, issued to Caltrans and adopted by the Board on 7 December 2001.

The Discharger has performed effluent and receiving water analysis for priority pollutants (and other pollutants) listed in the National Toxics Rule and California Toxics Rule (CTR) in accordance with the State Implementation Policy. Several constituents (copper, zinc, dichlorobromomethane, and chlorodibromomethane) were identified as constituents of concern and this Order contains effluent limitations for these CTR constituents. Interim effluent limits have been included for dichlorobromomethane, as well as time schedules to achieve compliance with the final effluent limitations.

ISSUES This item is uncontested.

RECOMMENDATION: Adopt the proposed order.

Mgmt. Review _____

Legal Review _____

3/4 May 2007
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