

ITEM: 9
SUBJECT: City of Mt. Shasta Wastewater Treatment Plant, Siskiyou County
BOARD ACTION: Consideration of NPDES Permit Renewal

BACKGROUND: The Discharger owns and operates an advanced secondary wastewater treatment plant in the City of Mt. Shasta, Siskiyou 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. Discharge to the Sacramento River is prohibited during the recreation season at which time the effluent is discharged to a leachfield on USDA Forest Service land or the city's municipal golf course. The facility discharges up to 0.8 million gallons per day (mgd) treated effluent to the Sacramento River. Minimum dilution in the Sacramento River usually exceeds 1,000:1.

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 (4'4'-DDT, copper and zinc) were identified as constituents of concern and this Order contains effluent limitations for 4'4'-DDT. Interim effluent limits for copper and zinc are included in the accompanying Cease and Desist Order.

ISSUES This item is uncontested at this time.

RECOMMENDATION: Adopt the proposed order.

Mgmt. Review _____
Legal Review _____

21/22 June 2007
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