

ITEM: 8

SUBJECT: City of Redding, Stillwater Wastewater Treatment Plant, Shasta County

BOARD ACTION: *Consideration of NPDES Permit Renewal*

BACKGROUND: The City of Redding (Discharger) owns and operates Stillwater Wastewater Treatment Plant, a publically owned treatment works in Anderson, Shasta County. The treatment system consists of screening for course and fine solids, conventional activated sludge treatment with fine bubble aeration and secondary clarification, filtration, chlorination/dechlorination, flow equalization, and emergency storage. Waste activated sludge is treated by aerobic digestion followed by a belt-filter press dewatering. Biosolids are disposed at a sanitary landfill and/or land applied on property owned by the Discharger. Approximately 3.4 million gallons per day (dry weather flow) of treated waste is discharged through an outfall line and diffuser to the Sacramento River, a water of the United States.

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 (ammonia, beta-BHC, carbon tetrachloride, copper, zinc, nitrate, dichlorobromomethane, and chlorodibromomethane) were identified as constituents of concern and this Order contains effluent limitations and grants mixing zones for these constituents.

The tentative order would renew the Discharger's NPDES permit. The Discharger is expected to be able to immediately comply with the renewed NPDES permit.

ISSUES: Comments were received from the City and from CVCWA. The main issues are mixing zone/dilution credits and the chronic toxicity monitoring trigger. Regional Water Board staff's response to these comments is provided in the Response to Comments document. Revisions were made to the proposed permit in response to these comments. This item is contested at this time.

RECOMMENDATION: Adopt the proposed order.

Mgmt. Review__Smith_____

Legal Review__Coupe_____

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