CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

ISSUE PAPER
Drinking Water Supply and Public Health Related Issues
Proposed NPDES Permit Renewal
for
Sacramento Regional County Sanitation District
Sacramento Regional Wastewater Treatment Plant

14 December 2009

Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff is developing the National Pollutant Discharge Elimination System (NPDES) permit renewal for the Sacramento Regional County Sanitation District's (SRCSD) Regional Wastewater Treatment Plant discharge to the Sacramento River. The proposed permit renewal is scheduled to be considered by the Central Valley Water Board for adoption in 2010. The existing NPDES permit (Waste Discharge Requirements Order No. 5-00-188) regulates the discharge of up to 181 million gallons per day (mgd) of secondary treated municipal wastewater to the Sacramento River, within the Sacramento-San Joaquin Delta (Delta). For the proposed permit renewal, the SRCSD is requesting an increase of its permitted average dry weather discharge flow from 181 mgd to 218 mgd for this regional facility to accommodate future growth in the greater Sacramento area.

There are many significant interrelated issues that must be addressed in the renewed NPDES permit. The major issues are within two main topics: (1) drinking water supply and public health and (2) aquatic toxicity. Through the attached Issue Paper, Central Valley Water Board staff has identified human health-related issues and is seeking public comments and additional information regarding the NPDES permitting requirements necessary to protect the municipal and domestic supply (MUN) beneficial use of the Delta (e.g., drinking water supply issues). Issues regarding public health protection due to public contact with treated wastewater are also discussed in this issue paper (e.g., disinfection issues). Through this effort, Central Valley Water Board staff is soliciting input from stakeholders to assist in identifying deficiencies in protection of the beneficial uses of the Sacramento River (and the Delta), and potential conflicts with other agency's programs, as it pertains to the subject discharge.

An antidegradation analysis for the proposed increase in surface water discharge has been prepared and will be available for public review on the Central Valley Water Board website in the future.

For questions regarding the attached issue paper, please contact Ms. Kathy Harder at (916) 464-4778 or kharder@waterboards.ca.gov. Please submit written comments regarding the attached issue paper by **1 February 2010** addressed to:

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Attachment (Issue Paper)