

ITEM: 22

SUBJECT: City of Rio Vista Beach Wastewater Treatment Plant, Solano County

BOARD ACTION: *Consideration of Order Amending Waste Discharge Requirements Order No. R5 2008 0108 (NPDES No. CA0079588)*

BACKGROUND: The City of Rio Vista Beach Wastewater Treatment Facility (Facility) provides sewerage service for the City of Rio Vista community, serving a population of approximately 4,500 people. The Facility discharges up to 0.65 million gallons per day of secondary treated effluent to the Sacramento River, which provides significant flow and dilution for the discharge (under worst-case conditions at least 1,000 to 1). On 31 July 2008, the Regional Water Board adopted Waste Discharge Requirements Order No. R5 2008-0108 (NPDES No. CA0079588) regulating the discharge.

Order No. R5-2008-0108 includes maximum daily effluent limitations (MDELs) for dibromochloromethane and dichlorobromomethane of 2.8 µg/L and 5.6 µg/L, respectively. Due to the large dilution available in the Sacramento River, the limits are significantly more stringent than needed to meet water quality objectives and were intended to be based on the performance of the facility. Using the full dilution available, the limits would be 463 µg/L and 724 µg/L for dibromochloromethane and dichlorobromomethane, respectively. The Regional Water Board found, however, that the Facility could meet more stringent limits based on past performance and the lower limits were required in the permit. However, at the time the permit was adopted only minimal effluent data was available and more recent data suggests that the limits do not represent current performance of the facility.

An Order is proposed to amend Order No. R5-2008-0108 by changing the effluent limits for dibromochloromethane and dichlorobromomethane to 41 µg/L and 38 µg/L, respectively. These limits are still significantly lower than needed to meet the water quality objectives. Therefore, the proposed Order also reduces the monitoring frequency for these two constituents from monthly to quarterly.

ISSUES: None

Mgmt. Review _____
Legal Review _____LTO_____

23/24 April 2009
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