

ITEM: 25

SUBJECT: Mariposa Public Utility District, Wastewater Treatment Facility, Mariposa County

BOARD ACTION: *Consideration of renewal of Waste Discharge Requirements (WDRs)/National Pollutant Discharge Elimination System (NPDES) (NPDES No. CA0079430) and Adoption of a new Time Schedule Order*

BACKGROUND: Mariposa Public Utility District (District) owns and operates a wastewater treatment facility (Facility) which provides sewerage service for the community of Mariposa and serves a population of approximately 2,000. The Facility currently provides secondary treatment with chlorine disinfection and is authorized to discharge up to 610,000 gallons a day to Mariposa Creek, a water of the United States.

Waste Discharge Requirements (WDRs) Order R5-2007-0171 (NPDES Permit No. CA0079430) includes final effluent limitations for several California Toxics Rule constituents, and a compliance schedule to provide tertiary level treatment and comply with final effluent limitations for biochemical oxygen demand (BOD), total suspended solids (TSS), and total coliform by 4 December 2017. The proposed WDRs/NPDES permit carries over the compliance schedule and requirement to provide tertiary-level treatment and comply with the final effluent limitations for BOD, TSS, and total coliform by 4 December 2017. The proposed WDRs/NPDES permit also carries over the final effluent limitations for copper, zinc, and dichlorobromomethane.

The proposed WDRs/NPDES permit includes new final effluent limitations for ammonia (as N), chlorodibromomethane, nitrate plus nitrite (as N), total trihalomethanes, and chronic toxicity. The District is unable to immediately comply with the new effluent limitations for chlorodibromomethane, nitrate plus nitrite (as N), total trihalomethanes, and with the existing final effluent limitations for dichlorobromomethane. A proposed TSO is included to provide a time schedule for compliance with the new effluent limitations for chlorodibromomethane, nitrate plus nitrite (as N), and total trihalomethanes. The proposed TSO rescinds TSO R5-2011-0905, but carries over the time schedule for dichlorobromomethane in TSO R5-2011-0905.

ISSUES: Comments on the proposed WDRs/NPDES permit were submitted by the District, the Central Valley Clean Water Association (CVCWA), and the Friends of Mariposa Creek.

The District requested Central Valley Water Board staff to reschedule the Board hearing to give the District an additional 60 days to review the proposed WDRs/NPDES permit and Time Schedule Order because the District believes it was not allowed sufficient time for review. The District also requested staff to remove the proposed chronic toxicity and ammonia effluent limitations and to remove the requirement to submit a salinity evaluation and minimization plan. Requests to modify 24-hour

composite sampling requirement, methyl bromide monitoring, and acute whole effluent toxicity testing were also made.

CVCWA commented on the inclusion of collection system regulatory requirements, statements about nitrate/nitrite as it pertains to aquatic toxicity, use of narrative toxicity objective for pathogens, and requested the salinity evaluation and minimization plan and specific monitoring requirements be delayed until after December 2017.

Friends of Mariposa Creek commented on Central Valley Water Board staff not notifying all potentially affected parties, the District's violations of Order R5-2007-0171 and TSO R5-2011-0905, generally objected to various actions within the proposed WDRs/NPDES permit and proposed TSO, and charged that Central Valley Water Board staff are not doing enough to force the District to comply.

Central Valley Water Board staff's responses to these comments are provided in the Response to Comments document. Revisions to the proposed WDRs/NPDES permit were made in response to these comments, along with other changes to correct typographical errors and provide more clarity.

RECOMMENDATION: Adopt the proposed WDRs/NPDES permit and Time Schedule Order.

Mgmt. Review _____

Legal Review _____

27/28 March 2014

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