

ITEM: 27

SUBJECT: City of Lone Wastewater Treatment Facility, Amador County

BOARD ACTION: *Consideration of Amended Waste Discharge Requirements and Revised Cease and Desist Order*

BACKGROUND: The City of Lone's Wastewater Treatment Facility treats domestic wastewater from the City of Lone and certain other sources. The Board issued Cease and Desist Orders (CDOs) to the City in 2003 and 2011 to address violations of WDRs Order 95-125, particularly with respect to pollution of groundwater at the WWTF with iron and manganese.

The City proposed specific improvements to bring the facility into compliance with the Basin Plan's water quality objectives and address a long-standing storage and disposal capacity deficit by adding recycled water use areas. WDRs Order R5-2013-0022 and its companion order CDO R5-2013-0023 were adopted by the Board on 11 April 2013, and required the City to implement those improvements.

At the time the WDRs were adopted, the City intended to produce disinfected secondary effluent for use as recycled water, so WDRs Order R5-2013-0022 includes effluent limitations and discharge requirements based on that level of treatment. However, due to insufficient funding, the City did not install the disinfection system. Those requirements are not needed to comply with Title 22 regulations or protect water quality. The proposed WDRs amendment would remove the total coliform organisms effluent limit and revise certain water recycling requirements to address the change in recycled water quality.

WDRs Order R5-2013-0022 also describes certain improvements that the City had planned to increase effluent storage and disposal capacity. The City requested that the description of specific improvements be removed to allow them to work with other local agencies on a regionalized system. The proposed WDRs amendment would preserve the underlying deadline to comply with capacity requirements, but would not specify the improvements to be performed to achieve that objective.

The Board intended to reopen Cease and Desist Order (CDO) R5-2013-0023 to set final iron and manganese groundwater concentration limits based on the results of a technical study. The City completed the required study and revised limits are proposed based in part on that work. In addition, because the City cannot comply with the groundwater concentration limits that became effective in October 2014, those limits would be removed.

ISSUES: None

RECOMMENDATION: Staff recommends adoption of the proposed WDRs Amendment and Revised CDO.

Mgmt. Review RDB
Legal Review _____

4/5 December 2014
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