

ITEM: 8

SUBJECT: City of Live Oak, Wastewater Treatment Plant, Sutter County

BOARD ACTION: *Consideration of NPDES Permit Renewal (NPDES No. CA0079022) and Adoption of Time Schedule Order*

BACKGROUND: The City of Live Oak (Discharger) owns and operates the Wastewater Treatment Plant (Facility) located at 3450 Treatment Plant Road, Live Oak, CA. The Facility provides sewerage services for the city of Live Oak with a population of approximately 8,500 residents. Discharge from the Facility is currently regulated by Waste Discharge Requirements Order R5-2011-0034 permitting an average dry weather flow of 1.4 million gallons per day of tertiary treated effluent to Reclamation District 777 Lateral Drain No. 2. The United States Environmental Protection Agency and the Central Valley Water Board have classified this discharge a major discharge.

The United States Environmental Protection Agency approved a Basin Plan Amendment removing the MUN beneficial use from Reclamation District 777 Lateral Drain No. 2 on 21 April 2016. The proposed NPDES permit renewal includes revised effluent limitations for ammonia. The proposed Order removes effluent limits for 4,4'-DDE, alpha-BHC, alpha endosulfan, endrin aldehyde, aluminum, arsenic, cadmium, copper, chlorodibromomethane, dichlorobromomethane, electrical conductivity, iron, manganese, nitrate, total residual chlorine, and total trihalomethanes because the discharge no longer exhibits reasonable potential to cause or contribute to an exceedance of the applicable water quality objectives for these constituents.

The proposed permit removes receiving water limitations for temperature because the natural receiving water temperature cannot be determined for comparison purposes. Reclamation District 777 Lateral Drain No. 2 does not have a "natural receiving water temperature" as defined by the State Water Board Water Quality Control Plan for Control of Temperature in the Coastal and Interstate Waters and Enclosed Bays and Estuaries of California (1975) (Thermal Plan). The natural receiving water upstream of the discharge is comprised of urban and agricultural runoff that only occurs during short periods of the year, while the remainder of the year there is zero flow.

ISSUES: A Notice of Public Hearing was sent to the Discharger and interested parties on 3 May 2016 for a 30-day comment period closing on 2 June 2016. No comments have been received to date.

RECOMMENDATION: Adopt the NPDES Permit Renewal and Time Schedule Order

Mgmt. Review NM _____
Legal Review SY _____

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