

ITEM: 17

SUBJECT: City of Manteca, Wastewater Quality Control Facility, San Joaquin County

BOARD ACTION: *Consideration of NPDES Permit Renewal and Time Schedule Order.*

BACKGROUND: The City of Manteca Wastewater Quality Control Facility (WQCF) provides sewerage service for the City of Manteca and a portion of the City of Lathrop. The WQCF serves a population of approximately 80,500, and discharges intermittently up to 9.87 million gallons per day (MGD) of tertiary treated effluent to the San Joaquin River, within the Sacramento-San Joaquin Delta. Additionally, the WQCF provides Title 22 recycled water used for construction purposes and dust control. The City of Manteca (Discharger) also reuses its treated municipal and food processing wastewaters (collected through a separate industrial line), for irrigation of 260 acres of agricultural fields used to grow dairy feed. The Discharger owns 190-acres of these fields and Dutra Farms, Inc. owns 70-acres, and therefore, Dutra Farms Inc. is also named in this Order as the responsible party for management and operation of its own fields. To accommodate planned and approved growth in the cities of Manteca and Lathrop, and the surrounding areas, the Discharger requests a facility expansion to increase the permitted discharge flow to 17.5 MGD.

The proposed NPDES Permit conditionally approves a capacity expansion to 17.5 MGD, and includes new effluent limitations for silver and chronic whole effluent toxicity, revised effluent limits for aluminum, and more stringent effluent limitations for ammonia and electrical conductivity. The Discharger is unable to immediately comply with the seasonal electrical conductivity limit; therefore, a Time Schedule Order is also proposed to provide a time schedule for compliance.

Public comments on the proposed Orders were received from the City of Manteca, California Sportfishing Protection Alliance, and San Luis & Delta-Mendota Water Authority. Minor changes and clarifications have been made to the proposed Orders in response to the comments received. In addition, a new water quality-based effluent limitation for silver has been added based on comments received. A Response to Comments document is included in the agenda package.

ISSUES: The main issues for the permit renewal are in regard to salinity, an expansion of the regulated flow, and Title 27 requirements. These issues, and other major issues are discussed in a Staff Report and Response to Comments that is part of the agenda package. The addition of an effluent limit for silver is also a significant issue and is discussed in the Staff Report.

Mgmt. Review _____
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7/8 October 2009
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