

ITEM: 8

SUBJECT: Tejon-Castac Water District, Tejon Industrial Complex New East Wastewater Treatment Facility, Kern County

BOARD ACTION: Consideration of Waste Discharge Requirements.

BACKGROUND: Tejon-Castac Water District (District) has completed the construction of a new East Wastewater Treatment Facility (WWTF) on the East side of Interstate 5 at Laval Road. Tertiary disinfected effluent is discharged to storage ponds and 13-acres Use Area. The current design flow is 0.1 million gallons per day (mgd) and will be expanded in phases to build out capacity of 0.8 mgd. The proposed waste discharge requirements include a total nitrogen effluent limit of 10 mg/L based on the WWTF design; and effluent, pond, source water, sludge/biosolids and Use Area monitoring. Additionally, the proposed waste discharge requirements include two monthly average electrical conductivity (EC) effluent limits, an incremental limit of source water plus 500  $\mu$ mhos/cm that applies to all discharges to land and an overall cap limit of 2,000  $\mu$ mhos/cm for discharges within the White Wolf Subarea.

ISSUE: The District has commented that the incremental increase EC limit of source water plus 500  $\mu$ mhos/cm included in the Tulare Lake Basin Plan should not apply to the discharge since it is located within the White Wolf Subarea and requests that the limit be removed from the waste discharge requirements and rather only the 2,000  $\mu$ mhos/cm EC limit be included in the waste discharge requirements. The incremental increase EC limit and the cap are distinct and separate limits intended to achieve separate goals: (1) to maximize salt reduction, and (2) to protect the groundwater resource, respectively.

Mgmt. Review \_\_\_\_\_  
Legal Review \_\_\_\_\_  
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