

ITEM: 9

SUBJECT: Shasta County Service Area No. 17, Cottonwood Wastewater Treatment Plant, Shasta County

BOARD ACTION: *Consideration of NPDES Permit Renewal and Rescission of Cease and Desist Order No. R5-2005-0038*

BACKGROUND: Shasta County Service Area No. 17 (Discharger) owns and operates the Cottonwood Wastewater Treatment Plant, a publically owned treatment works in Cottonwood, Shasta County. The treatment system at the facility consists of a headworks with bar screen and Parshall flume with ultrasonic level sensor; two, parallel oxidation ditches with aerators; two, parallel secondary clarifiers with skimmers; traveling bridge sand filter unit; chlorine disinfection system; serpentine chlorine contact chamber; dechlorination system, a 4.3 acre-feet sludge settling basin, a 0.63 acre-feet sludge settling basin; and four, sludge/sand drying beds. Approximately 0.43 million gallons per day (dry weather flow) of treated waste is discharged through an outfall line and diffuser to Cottonwood Creek, a water of the United States and a tributary to the Sacramento River.

The proposed order would renew the Discharger's NPDES permit, and the proposed resolution would rescind the existing Cease and Desist Order No. R5-2005-0038 because its time schedule has expired, and final effluent limits have been included with the proposed NPDES permit. The Discharger is expected to be able to immediately comply with the renewed NPDES permit.

Comments were received from the Central Valley Clean Water Association (CVCWA) regarding the accelerated monitoring trigger for chronic toxicity.

ISSUES: The accelerated monitoring trigger for chronic toxicity is set at 1 TUc to ensure that the discharge does not exhibit chronic toxicity.

RECOMMENDATION: Adopt the proposed order.

Mgmt. Review _____
Legal Review _____ LTO _____

27 May 2010
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670