

ITEM: 21

SUBJECT: Grizzly Lake Resort Improvement District, Delleker Wastewater Treatment Plant, Plumas County

BOARD ACTION: *Consideration of Renewal of NPDES Permit*

BACKGROUND: The Discharger owns and operates a wastewater collection, treatment, and disposal facility providing sewer service to homes and businesses in the District. The Facility treats up to 0.1 mgd of domestic wastewater, and consists of headworks, five ponds (two aerated), and chlorination/dechlorination facilities. From 1 November to 15 May, discharge to the Middle Fork of the Feather River (River) is allowed when receiving water flow is greater than 40 cfs. From 16 May to 31 October, or when river flow is less than 40 cfs, the wastewater is stored in the ponds. When discharge occurs, ultimate dilution of wastewater in the River is at least 260:1, and often much greater.

This Order requires the Discharger to develop and submit: 1) a Sludge Disposal Plan; 2) a septage receiving study; 3) a study on the appropriate electrical conductivity (EC) levels in the effluent; and 4) a groundwater monitoring study.

The tentative permit was circulated for comment on 20 September 2006. Written comments were received from California Sportfishing Protection Alliance (CSPA). Based on these comments, some changes were made to the permit, including a requirement for groundwater monitoring adjacent to the Facility's wastewater ponds.

Surface water discharge in the area is to the Middle Fork of the Feather River.

ISSUES CSPA is concerned about assimilative capacity for EC, a mixing zone for turbidity, dissolved oxygen and pathogens, the absence of effluent limitations for bis (2-ethylhexyl phthalate), mercury, ammonia, nitrite, nitrate, oil and grease, and chronic toxicity, the statistical multipliers used for reasonable potential analysis, compliance with the Central Valley Water Board's antidegradation policy, and the odor monitoring requirements. Staff has addressed these concerns in the Response to Written Comments, which are in the agenda packet.

RECOMMENDATION: Adopt the NPDES permit.

Mgmt. Review _____

Legal Review _____

15/16 March 2007

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670