

ITEM: 7

SUBJECT: Clear Creek Community Services District (CSD) Drinking Water Treatment Plant, Shasta County

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

BACKGROUND: The Clear Creek Community Services District (Discharger) owns and operates a drinking water treatment plant which provides drinking water to its customers. Water from Whiskeytown Lake is filtered and chlorinated prior to delivery to the Discharger's customers. As the filters become laden with sediment from the source water, they are back-flushed to remove the accumulated sediment. This back-flush water is settled in ponds and then discharged to Clear Creek, a water of the United States.

The proposed permit includes new effluent limits for dichlorobromomethane, a chlorine disinfection byproduct, and manganese. New effluent limits have also been established for diazinon and chlorpyrifos to implement the provisions in the Basin Plan related to a TMDL developed to address diazinon and chlorpyrifos impairments. A Time Schedule Order is also proposed, which includes a compliance schedule that gives the Discharger time to evaluate alternatives, secure funding, and complete the construction of a selected alternative that will achieve compliance with the new effluent limits for dichlorobromomethane and manganese. The Discharger has stated that it plans to cease the surface water discharge during the term of the permit, in which case treatment improvements would not be required. The Discharger is expected to be able to immediately comply with the new effluent limits for diazinon and chlorpyrifos.

Comments were received from USEPA. Staff's response to comments and permit revisions are included with this agenda item.

ISSUES: Staff proposed revisions intended to fully respond to USEPA's concerns regarding aluminum and diazinon and chlorpyrifos.

RECOMMENDATION: Adopt the proposed orders.

Mgmt. Review BJS
Legal Review PEP

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