

ITEM: 8

SUBJECT: City of Shasta Lake, Fisherman's Point Drinking Water Treatment Plant, Shasta County

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

BACKGROUND: The City of Shasta Lake (Discharger) owns and operates a drinking water treatment plant which provides drinking water to its customers. Water from Lake Shasta 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 a tributary to Churn Creek, a water of the United States.

The proposed permit renewal includes new effluent limits for dichlorobromomethane, a chlorine disinfection byproduct. 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 the selected alternative that will achieve compliance with the new effluent limit for dichlorobromomethane. 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
30 March 2012
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