

ITEM: 31

SUBJECT: Uncontested NPDES Permit and Time Schedule Orders

REPORT: Following are proposed permits and Time Schedule Order. All agencies and the dischargers concur, or have offered no comments. Consideration of NPDES Permit Renewal and Time Schedule Orders

a	<p>University of California, Center for Aquatic Biology and Aquaculture, Yolo County</p> <p>The University of California (Discharger) owns and operates the Center for Aquatic Biology and Aquaculture (CABA) located on the University of California, Davis campus. The CABA consists of two fish research facilities, the Aquatic Center and the Putah Creek Facility. The facilities conducts research focused on toxicology, nutrition, physiology, ecology, engineering, endocrinology, infectious diseases, and other related subjects. Many different vertebrate species are studied (trout, salmon, sturgeon, minnows, carp, catfish, striped bass, delta smelt, etc.) using basic aquatic animal husbandry methods. The facilities operate primarily on a flow-through basis, with only limited recirculating operations. Various aquaculture drugs and chemicals are used on an as-needed basis to clean fish tanks; treat fish for parasites, fungal growths, and bacterial infections; and to anesthetize fish prior to spawning or “tagging” processes.</p> <p>Existing Order R5-2006-0126 contained effluent limits for cadmium, total chromium, selenium, biochemical oxygen demand (BOD), and total suspended solids for both surface water discharge locations to Putah Creek. The Discharger’s past three years of monitoring data for each discharge location did not indicate concentrations of cadmium, total chromium or selenium in the effluent discharge; therefore, the proposed NPDES Permit does not include effluent limitations for these constituents. Also, since the effluent does not produce a biochemical oxygen demand on the receiving water, the BOD effluent (a technology-based effluent limitation) is not applicable and has been removed. The proposed NPDES Permit does contains new effluent limitations for chromium VI and iron applicable at both discharge points, and continues to include a technology-based effluent limitation for total suspended solids.</p>
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Calaveras County Water District and Saddle Creek Golf Course L.P, Copper Cove Wastewater Reclamation Facility, Calaveras County

On 3 August 2006, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) adopted Waste Discharge Requirements Order R5-2006-0081 and Time Schedule Order (TSO) R5-2006-0082, prescribing waste discharge requirements and compliance time schedules for the Calaveras County Water District (CCWD) and Saddle Creek Golf Course, L.P. Copper Cove Wastewater Reclamation Facility (Facility). The CCWD owns and operates the Facility. The Facility consists of a 0.2 million gallon per day (mgd) secondary treatment plant and a 0.95 mgd tertiary treatment plant. Effluent from the tertiary treatment plant is used for irrigation of the Saddle Creek Golf Course and maintaining water levels in federal jurisdictional wetlands on the golf course. The Saddle Creek Golf Course, L.P., operates the facilities to irrigate the golf course. Both the CCWD and Saddle Creek Golf Course, L.P. are named as Discharger on these Orders.

The time schedule in the current TSO expired on 1 August 2011. On 12 March 2012, the CCWD submitted an Infeasibility Analysis and request for an extension of the time schedule for compliance with the effluent limits for electrical conductivity (EC), chloroform, dichlorobromomethane, aluminum, and manganese. The Discharger has proposed a schedule to achieve compliance with the final effluent limitations by 1 August 2016.

The mandatory minimum penalty provisions of the California Water Code were recently revised based on new legislation that allows extension of compliance schedules beyond five years, provided dischargers demonstrate due diligence in complying with the effluent limits. Central Valley Water Board staff determined that the Discharger has demonstrated due diligence and is making diligent progress to bring the waste discharge into compliance with final effluent limitations for EC, chloroform, dichlorobromomethane, aluminum, and manganese contained in WDR Order R5-2006-

0081. Central Valley Water Board staff also determined that because of the Discharger's construction schedule, additional time is necessary to comply with the final effluent limitations.

Central Valley Water Board staff is currently developing the NPDES permit renewal for this Facility, projected to be adopted in October 2012. However, in order for the Discharger to begin irrigation of the Saddle Creek Golf Course with recycled water this June, the time schedule must be extended at this Central Valley Water Board meeting to protect the Discharger from issuance of Mandatory Minimum Penalties. The Water Code requires that the action to extend a time schedule order beyond five years requires a public hearing and adoption by the Board. The authority to extend the existing compliance schedule cannot be delegated to the Executive Officer.

A public notice was issued for public review on 30 March 2012 describing the proposed time schedule extension with comments due by 2 May 2012. No comments were received.

RECOMMENDATION: Adopt the proposed NPDES Permit and Time Schedule Orders.

Mgmt. Review _____

Legal Review _____

June 8, 2012

Central Valley Regional Water Quality Control Board meeting

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670