

ITEM: 22

SUBJECT: Uncontested NPDES Permits and Enforcement

REPORT: Following is a proposed permit. All agencies and the dischargers concur, or have offered no comments. *Consideration of NPDES Permit and Time Schedule Order*

a	<p><b>City of Mt. Shasta, Wastewater Treatment Plant, Siskiyou County</b></p> <p>The City of Mt. Shasta (Discharger) owns and operates a wastewater treatment plant which provides treatment of the City’s municipal wastewater. Effluent from the wastewater treatment plant (Facility) is discharged to either the Sacramento River (upstream of Lake Shasta), to a leachfield, or to a golf course for landscape irrigation, depending on the time of year. Discharge to the Sacramento River from 15 June through 14 September is prohibited.</p> <p>The proposed permit includes effluent limits for biochemical oxygen demand (BOD), total suspended solids (TSS), pH, bis-2-ethylhexyl-phthalate (B2EHP), copper, zinc, ammonia, nitrate, and total coliform bacteria. The proposed permit has removed effluent limits for dichlorobromomethane. The Discharger continues to be unable to comply with some of the effluent limits, and therefore compliance schedules and interim limits for BOD, TSS, and pH have been extended through November 2021 to allow the Discharger to complete necessary facility improvements to come into compliance. In April 2017, the Discharger’s existing Time Schedule Order was amended to extend interim final effluent limits for ammonia until May 2020. Interim final effluent limits for copper and zinc have already been granted for 10 years and can no longer be extended. The Discharger cannot immediately comply with final effluent limits for copper and zinc, and mixing dynamics at the outfall have not been improved to warrant consideration for an increase in dilution credits. However, the Discharger is in the process of making facility improvements and a reopener provision has been included in the proposed permit to allow for adjustments to final effluent limits and dilution credits, if warranted, when mixing dynamics have been improved. Based upon a leachfield design study conducted during the term of the current permit that showed no additional treatment occurs once wastewater is discharged to the leachfield, land discharge specifications for BOD, TSS and total coliform have been made more stringent, and a five year compliance schedule for BOD and TSS has been included in the proposed permit.</p> <p>Comments were received from the Central Valley Clean Water Association (CVCWA). Staff made changes to the proposed permit in response to some of the comments and a strike/underline version of the proposed permit has been included to identify the changes made.</p> <p><i>Consideration of NPDES Permit Renewal</i></p>
b	<p><b>Collins Pine Company, Chester Sawmill, Plumas County</b></p> <p>Collins Pine Company (Discharger) owns and operates the Chester Sawmill (Facility), which consists of a sawmill and wood-burning cogeneration power plant located in Chester, CA, Plumas County. Approximately 360,000 gallons per day of process wastewater is generated from cogeneration and sawmill operations. Wastes generated from the Facility include: cooling tower blowdown, process wastewater from the electrostatic precipitator, boiler mud drum blowdown, boiler steam drum blowdown, compressor cooling water, feedwater pump cooling water, concentrate from the demineralizer and reverse osmosis filters, front ash hopper overflow, wood ash waste, wood waste, and storm water runoff. Treated process wastewater and overflow water from the fire pond is discharged to Stover Ditch, a tributary to Lake Almanor.</p>

On 5 February 2009, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) adopted Waste Discharge Requirements (WDR) Order R5-2009-0015 (National Pollutant Discharge Elimination System Permit No. CA0004391). WDR Order R5-2009-0015 implemented new copper and lead final effluent limits with a final compliance deadline of 18 May 2010 and 5 February 2009 for average monthly and maximum daily effluent limits, respectively. On 6 February 2015, the Central Valley Water Board adopted Time Schedule Order (TSO) R5-2015-0007 because the Discharger could not consistently comply with final copper and lead effluent limits subsequent to the compliance deadlines in WDR Order R5-2009-0015.

TSO R5-2015-0007 was rescinded on 11 December 2015, which was followed by adoption of Cease and Desist Order (CDO) R5-2015-0128. On 29 July 2016, the Discharger submitted a letter requesting a compliance date extension for CDO R5-2015-0128. With adoption of CDO R5-2015-0128-01, the final compliance deadline was extended to 1 February 2018 because the Discharger's compliance project had been stalled due to delays with obtaining a Clean Air Act Prevention of Significant Deterioration (PSD) permit minor modification from the USEPA. On 15 September 2017, the Discharger submitted a request to again extend the final compliance date in CDO

R5-2015-0128-01. The extension was requested because of continued delays in obtaining the PSD permit modification. The proposed CDO amendment, CDO R5-2015-0128-02, includes updated compliance deadlines and preserves interim effluent limitations contained in CDO R5-2015-0128-01.

*Consideration of Proposed Amendment of Cease and Desist Order R5-2015-0128-01*

c Mountain House Community Services District, Mountain House Wastewater Treatment Plant, San Joaquin County

The Mountain House Community Services District (Discharger) is the owner and operator of the Mountain House Wastewater Treatment Plant (hereinafter Facility), a publicly owned treatment works located at 17103 W. Bethany Road, Mountain House, California. The Facility provides sewerage services for the community of Mountain House, serving a population of approximately 16,000. The Facility provides tertiary treatment and ultraviolet light disinfection for up to 3.0 million gallons per day (MGD), with plans to expand the capacity to 5.4 MGD to accommodate for planned growth within the service area. Disinfected tertiary treated wastewater from the Facility is discharged to Old River, a water of the United States within the legal boundary of the Sacramento-San Joaquin Delta.

Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2013-0004-01 and Time Schedule Order (TSO) R5-2013-0005, issued by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 31 January 2013. An Order is proposed to renew the NPDES permit. The proposed permit includes new or updated effluent limitations for ammonia, chlorodibromomethane, diazinon and chlorpyrifos, electrical conductivity, and nitrate plus nitrite. The permit removes effluent limitations for dichlorobromomethane because the discharge does not demonstrate reasonable potential to cause or contribute to instream exceedances of the applicable water quality objectives for this constituent. The proposed NPDES permit renewal continues the effluent limitations for temperature that the Facility cannot immediately comply with. The proposed TSO extends the time schedule for compliance with the final effluent limitations for temperature that was allowed in TSO R5-2013-0005 up to an additional 5 years.

Public comments on the tentative NPDES permit and tentative TSO were received from the Discharger and the Central Valley Clean Water Association. The following is a summary of the comments on the major permitting issues and staff responses. Detailed comments and staff responses are included in the

	<p>Staff Response to Comments document included in the agenda package.</p> <p>Reporting Requirement for QA/QC Documents in the Tentative NPDES Permit. The Discharger requests the removal of the requirement to attach all laboratory analysis sheets, including quality assurance/quality control information (QA/QC), with all its SMR's for which sample analyses were performed.</p> <p>The Discharger states that it is a significant new requirement. To fulfill this new reporting requirement, the Discharger would need to upload every individual laboratory to provide the QA/QC data that is requested. All QA/QC documents are maintained at the Facility and are available for review upon request.</p> <p>Central Valley Water Board staff does not concur. The laboratory analysis sheets are crucial for compliance and enforcement staff to confirm data results and violations. In addition, these documents are important for permitting staff to validate data to ensure quality data is used to perform reasonable potential analyses. Uploading these documents to CIWQS is not an onerous process. Having the information readily available in CIWQS improves Central Valley Water Board staff efficiency and provides information to the public, adding transparency to the self-monitoring program.</p> <p><i>Consideration of Adoption of NPDES Permit Renewal and Time Schedule Order Extension (NPDES Permit No. CA0084271)</i></p>
d	<p><b>Paradise Irrigation District, Water Treatment Plant, Butte County</b></p> <p>Paradise Irrigation District (hereinafter Discharger) is the owner and operator of the Paradise Drinking Water Treatment Plant (hereafter Facility). The treatment system consists of primary filtration, secondary filtration, polymer addition, coagulation, flocculation, and chlorination. Filter backwash wastewater is discharged from the water treatment plant to the Magalia Reservoir/ Little Butte Creek, a water of the United States, and a tributary to Butte Creek within Butte Creek watershed. The facility average dry weather flow design capacity is 2.0 mgd.</p> <p>Time Schedule Order No. R5-2010-0058 contained interim effluent limitations for dichlorobromomethane. The current NPDES Order No. R5-2010-0057 (NPDES Permit No. CA0083488) contains interim effluent limitations for aluminum. On 3 September 2014, the Discharger submitted a request for additional time to comply with the final dichlorobromomethane and aluminum effluent limitations. TSO R5-2010-0058-01 was adopted to provide the Discharger with more time to come into compliance with dichlorobromomethane and aluminum effluent limits. The Discharger planned to eliminate the Facility discharge to surface water and implement potable reuse of 100% of the filter backwash water by 1 January 2018. However, the Discharger terminated the project because the complexity, scope, and cost of the project had grown too large and is now pursuing renewal of their NPDES permit while analyzing options for compliance with anticipated NPDES permit limits (e.g., mixing zone and dilution study).</p> <p>Because the Discharger has been making diligent progress towards achieving compliance and has demonstrated additional time is necessary to achieve full compliance, this Order amends TSO No. R5-2010-0058-01 by extending the date for compliance with final effluent limitations for dichlorobromomethane and aluminum to 17 April 2020.</p> <p><i>Consideration of Adoption of the Proposed Amendment to Time Schedule Order R5-2010-0058-01</i></p>
e	<p><b>Sterling Caviar LLC, Elverta Facility, Sacramento County</b></p> <p>Sterling Caviar LLC (Discharger) owns and operates the aquaculture facility, Sterling Caviar LLC, Elverta (Facility), which is defined under the NPDES program as a concentrated aquatic animal production</p>

(CAAP) facility. Treated wastewater is discharged to the Betts-Kismat-Silva (BKS) Preserve wetlands, operated by the Natomas Basin Conservancy within Reclamation District 1000. This area of Reclamation District 1000 is tributary to the Sacramento River, a water of the United States, via the Natomas Cross Canal and Natomas East Main Drainage Canal. Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2016-0026 issued by the Central Valley Regional Water Quality Control Board on 21 April 2016.

The proposed order will amend Order R5-2016-0026 to modify the effluent limitations for manganese and arsenic contained in the NPDES Permit based on new information provided by the Discharger. The Facility is capable of consistently complying with the revised effluent limitations. Consequently, the proposed order rescinds Cease and Desist Order R5-2015-0042.

*Consideration of adoption of Order amending NPDES Permit and rescinding Cease and Desist Order*

RECOMMENDATION: Adopt the proposed Time Schedule Order and NPDES Permit  
Mgmt. Review \_\_\_\_\_  
Legal Review \_\_\_\_\_  
Central Valley Water Board Meeting  
December 7/8, 2017  
11020 Sun Center Drive, Suite 200  
Rancho Cordova, CA 95670