

ITEM: 23

SUBJECT: Uncontested NPDES Permits

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

	<p>a. CITY OF COLUSA WASTEWATER TREATMENT PLANT - COLUSA COUNTY</p> <p>The City of Colusa (hereinafter Discharger) is the owner and operator of the City of Colusa Wastewater Treatment Plant (hereinafter Facility) that serves a small (mostly residential) community of approximately 5700 people. The Discharger recently completed a major Facility upgrade to meet its existing requirements in Waste Discharge Requirements Order No. 2002-0020 (NPDES Permit). The completed facilities replace the existing secondary pond treatment system with a tertiary activated-sludge process, and ultra violet light (UV) disinfection system that replaced the chlorination process. To finance the Facility upgrade, the residential monthly sewer rates were increased by \$20 to the current \$57/month rate.</p> <p>The proposed NPDES permit was presented to the Regional Water Board at its July 2008 Meeting. In response to Discharger testimony, the Board continued the public hearing to consider a time schedule greater than the proposed five years for new nitrate+nitrite and methylene blue active substances (MBAS) effluent limitations, which are necessary to protect the municipal and domestic water supply (MUN) use of the receiving waters. A revised tentative NPDES Permit, extending the proposed compliance schedule for the subject effluent limitations from five years to ten years, was issued for public review. During the public comment period, the Discharger provided information stating its intent to immediately pursue a Basin Plan Amendment (BPA) for de-designation of the MUN beneficial use from the receiving waters. The tentative permit has therefore been revised to include interim milestone dates to track the progress of a proposed BPA. To assure compliance with the ten year compliance schedule, the proposed milestone schedule requires the Discharger to initiate a construction compliance project six years after the adoption of the proposed NPDES permit if a BPA request is not approved or the BPA approval process becomes too lengthy.</p> <p>The Discharger submitted public comments regarding (1) the appropriate location of turbidity compliance monitoring, and (2) the type of sampling for chlorine residual when chlorine is used.</p>
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		<p>Although these comments were outside of the scope of the continued public hearing, the modifications are considered corrections to reflect the current facility operation, and were therefore incorporated in the tentative permit.</p>
	b.	<p>CITY OF WILLIAMS, WASTEWATER TREATMENT PLANT, COLUSA COUNTY</p> <p>The City of Williams owns and operates a publicly owned treatment works. The treatment system consists of head works with grit removal, unlined aerated waste stabilization ponds, and chlorination/dechlorination. Sludge is occasionally removed from the ponds, dewatered and disposed off-site. Treated municipal water is discharged to Salt Creek which is a tributary to Colusa Basin Drain via Freshwater Creek.</p> <p>Order No. 5-01-049 requires the WWTP provide tertiary treatment or equivalent after 30 December 2005. The Discharger notified the Regional Water Board that it could not meet the deadline and Order No. R5-2007-0096 provided a Time Schedule Order with new compliance dates for several constituents by 1 October 2010.</p> <p>The existing Waste Discharger Requirements (NPDES permit) authorizes a minor discharge of up to 0.5 million gallons per day (mgd) to the receiving water. The proposed NPDES permit renewal is consistent with the existing permit limit for flow. In addition, there are new or more stringent effluent limitations for ammonia, cyanide, iron, manganese, nitrate, and total trihalomethanes.</p> <p>There were no comments submitted during the public comment period.</p>
	c.	<p>CALIFORNIA DEPARTMENT OF GENERAL SERVICES, CENTRAL PLANT OPERATIONS, HEATING AND COOLING FACILITY, SACRAMENTO COUNTY</p> <p>Consideration of Resolution Amending Waste Discharge Requirements Order No. R5-2007-0075 (NPDES No. CA0078581)</p> <p>The California Department of General Services (hereafter Discharger) owns and operates a Heating and Cooling Facility that provides heating and cooling to downtown State office buildings. On 22 June 2007, the Regional Water Quality Control Board, Central Valley Region (Regional Water Board), adopted Waste Discharge Requirements Order No. R5 2007-0075, NPDES No. CA0078581, that prescribes waste discharge requirements for the</p>

	<p>Central Plant Operations, Heating and Cooling Facility (hereafter Facility) for the discharge of non-contact cooling water from a spray header into the Sacramento River. The Discharger did not have sufficient mixing zone information during the adoption of Order No. R5-2007-0075. This resulted in the application of no dilution credits to (1) chronic water quality objectives used in water quality based effluent limit calculations and (2) chronic toxicity numeric triggers. Since the Order adoption, the Discharger conducted a mixing zone study that was reviewed and deemed acceptable by Regional Water Board staff resulting in a chronic aquatic life dilution credit of 16:1. The study formed the technical basis for changes to the chronic toxicity numeric trigger. However, dilution credits applied to the chronic water quality objectives did not result in any changes to the water quality based effluent limits in Order No. R5-2007-0075. A Resolution is proposed to amend Order No. R5 2007-0075 to allow a dilution credit for chronic aquatic life criteria resulting in the revision of the chronic whole effluent toxicity number monitoring trigger.</p> <p>Also, Order No. R5 2007-0075 contains performance-based maximum daily effluent limitations for electrical conductivity. Due to operational changes at the Facility, the proposed Resolution modifies the performance-based effluent limitations for electrical conductivity, to reflect current operations and the appropriate averaging period.</p> <p>There were no comments submitted during the public comment period.</p>
	<p>d. LINDA COUNTY WATER DISTRICT WASTEWATER TREATMENT PLANT, SUTTER AND YUBA COUNTIES</p> <p>Consideration of Resolution Amending Waste Discharge Requirements Order No. R5-2006-0096 (NPDES No. CA0079651)</p> <p>The Linda County Water District (Discharger) owns and operates a wastewater treatment plant (WWTP) that provides service to the community of Linda and portions of unincorporated Yuba County south of the City of Marysville. Total service population is approximately 12,000. Effluent from the existing 1.8 million gallon per day (mgd) secondary WWTP is discharged into ponds along the Feather River levee system. Waste Discharge Requirements (WDR) No. R5-2006-0096 regulates the discharge into the Feather River from (1) the existing secondary pond system, and (2) the proposed tertiary regional facility (up to 5.0 mgd).</p> <p>The adjacent City of Marysville also currently discharges to ponds within the Feather River levee system. In accordance with Cease and Desist Order No. R5-2008-0100, the City of Marysville is</p>

	<p>developing an interagency agreement with the Discharger to potentially deliver City of Marysville wastewater to the upgraded Linda County Water District regional WWTP for treatment and disposal.</p> <p>To evaluate the salinity sources and load impacts to the WWTP resulting from the potential regionalization (two combined service areas), the Discharger requested an extension to the salinity reduction work plan and implementation compliance schedules in WDR Order No. R5-2006-0096. The proposed NPDES permit amendment extends the Salinity Evaluation and Minimization Plan requirements from 1 November 2008 to 1 June 2010.</p> <p>No public comments were received for this Item.</p>
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RECOMMENDATION: Adopt the proposed NPDES permits.

Mgmt. Review \_\_\_\_\_

Legal Review \_\_\_\_\_

5 December 2008  
 Central Valley Regional Water Quality Control Board meeting  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670