

ITEM: 26

SUBJECT: Uncontested NPDES Permits and Time Schedule Orders

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

a	<p><b>City Of Visalia, Water Conservation Plant, Tulare County</b></p> <p>The City of Visalia (City) owns and operates a wastewater treatment facility (Facility) which provides sewerage service for the community of Goshen and the City of Visalia and serves a population of approximately 131,000. The Facility currently provides secondary treatment with chlorine disinfection and is authorized to discharge up to 20 million gallons per day to Mill Creek, a water of the United States. The Facility is also authorized to discharge to disposal ponds and is authorized to recycle on an on-site use area.</p> <p>Waste Discharge Requirements (WDRs) Order R5-2006-0091 (NPDES Permit No. CA0079189) required the City of eliminate discharge to Mill Creek or conduct studies to determine the appropriate limits applicable for protection of beneficial uses in Mill Creek. The City elected to cease discharge to Mill Creek and is in the process of upgrading its Facility to provide tertiary treatment with nitrogen removal. The City proposes to recycle the treated wastewater in accordance with Title 22 regulations for unrestricted re-use.</p> <p>The proposed WDRs/NPDES permit includes new final effluent limitations for un-ionized ammonia (as N) and copper. The City is unable to immediately comply with the new effluent limitations for un ionized ammonia (as N) and copper. The proposed WDRs/NPDES permit authorizes the City to continue discharging disinfected secondary-treated wastewater to Mill Creek and to land disposal areas while it upgrades the wastewater treatment facility. A proposed TSO is included to provide a time schedule for compliance with the new effluent limitations.</p> <p>Comments on the proposed WDRs/NPDES permit were submitted by the City. The City requested changes to the EC effluent limitation, Groundwater Limitations, and reporting of source water supply general minerals. Central Valley Water Board staff's responses to these comments are provided in the Response to Comments document. Revisions to the proposed WDRs/NPDES permit were made in response to these comments, along with other changes to correct typographical errors and provide more clarity.</p>
b	<p><b>City of Williams Wastewater Treatment Plant, Colusa County</b></p> <p>The City of Williams (City) owns and operates the Wastewater Treatment Plant (Facility). The City completed Facility upgrades in 2011 including an aeration basin, secondary clarifier, cloth filters, ultraviolet light (UV) disinfection, and re-aeration basin for tertiary treatment. The Facility is permitted to discharge up to 0.5 million gallons per day of tertiary treated municipal sewage to the receiving water, Salt Creek. The Facility</p>

	<p>serves a population of approximately 5200 within the community of Williams.</p> <p>The proposed NPDES Permit does not continue effluent limits from the previous permit for the following constituents that no longer exhibit Reasonable Potential to cause an exceedance of the applicable water quality standards within the receiving water: bromoform, chloroform, cyanide, dibromochloromethane, dichlorobromomethane, total trihalomethanes, total residual chlorine, aluminum, iron, manganese, and settleable solids.</p> <p>The proposed NPDES Permit contains a new effluent limitation for nitrate plus nitrite. The City cannot immediately comply with the new nitrate plus nitrite effluent limit, and therefore, the proposed Time Schedule Order provides a compliance schedule and interim limits for nitrate plus nitrite.</p>
c	<p><b>Amendment of General Order for Limited Threat Discharges of Treated/Untreated Groundwater from Cleanup Sites, Wastewater from Superchlorination Projects, and Other Limited Threat Wastewaters to Surface Water (Order R5-2013-0073), All Counties in Region 5</b></p> <p>On 31 May 2013, the Central Valley Water Board adopted Waste Discharge Requirements Order R5 2013 0073 (NPDES Permit No. CAG995002) for Limited Threat Discharges of Treated/Untreated Groundwater from Cleanup Sites, Wastewater from Superchlorination Projects, and Other Limited Threat Wastewaters to Surface Water, also referred to as the Limited Threat General Order. This General Order provides regulatory coverage for non-domestic wastewater discharged to surface water that, through treatment, is able to consistently comply with water quality criteria, and therefore deemed a limited threat to water quality.</p> <p>The proposed Order amends the Limited Threat General Order to include 1) effluent discharge screening requirements for aluminum, iron, hardness, nitrate, manganese, and pH; 2) iron and manganese water quality based effluent limits; 3) volatile organic compounds technology-based effluent limits; 4) specify that chronic toxicity monitoring may be prescribed in the Notice of Applicability instead of requiring all projects to conduct such monitoring; and to prescribe 4) receiving water monitoring in enrollee's Notice of Applicability as appropriate. The proposed Order also amends the Limited Threat General Order to remove the salinity minimization requirements contained in Attachment G – Application Requirements.</p>
d	<p><b>El Dorado Irrigation District, Deer Creek Wastewater Treatment Plant, El Dorado County</b></p> <p>The El Dorado Irrigation District (District) owns and operates the El Dorado Hills and Deer Creek wastewater treatment plants (WWTPs). The District annually provides one billion gallons of Title 22 tertiary treated recycled water, combined, from the EL Dorado Hills and Deer Creek facilities, that is regulated by a separate Master Reclamation Permit. The proposed NPDES Permit renewal is for the Deer Creek WWTP (Facility) for discharges of up to 3.6 million gallons per day (Average Dry Weather Flow) of disinfected tertiary-level treated wastewater to the receiving water, Deer Creek, only. The Facility serves a population of 20,000 within the service areas of Cameron Park, Shingle Springs, and Mother Lode.</p> <p>The proposed NPDES Permit does not continue effluent limits for dichlorobromomethane or aluminum from the previous permit, because based on the</p>

monitoring results obtained from April 2009 through July 2013 the discharge no longer demonstrates a reasonable potential to cause an exceedance of the applicable water quality standards within the receiving water. The proposed NPDES Permit also revises the monthly mercury performance-based mass effluent limitation to an annual mass effluent limitation to hold the discharge at current levels until a mercury waste load allocation is assessed.
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RECOMMENDATION: Adopt the proposed NPDES permits and Time Schedule Orders.

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

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

6 June 2014  
Central Valley Regional Water Quality Control Board meeting  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670