

ITEM: 26

SUBJECT: Uncontested NPDES Permits

REPORT: Following is a proposed permit. All agencies and the dischargers concur, or have offered no comments. Consideration of NPDES Permits

a	<p>CITY OF BAKERSFIELD AND COUNTY OF KERN DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEM, KERN COUNTY.</p> <p><i>Consideration of Resolution Approving the Storm Water Management Plan Required by Order R5-2013-0153 (NPDES No. CA008339)</i></p> <p>The Permittees have jurisdiction over and/or maintenance responsibilities for the storm drainage system in the Bakersfield Urbanized Area. Storm water from the area is primarily discharged to detention or retention basins, with some discharge entering the Kern River.</p> <p>The Permittees revised the Storm Water Management Plan (SWMP) to comply with their National Pollutant Discharge Elimination System Municipal Separate Storm Sewer System permit, Order R5-2013-0153 (NPDES CA0083399). The SWMP describes the framework for management of storm water discharges during the term of the permit. The SWMP describes the goals and objectives, legal authority, source identification process, funding sources, fiscal analysis, performance standards, best management practices, an evaluation and improvement process, and monitoring plan of the storm water management program</p>
b	<p>CITY OF RIO VISTA, NORTHWEST WASTEWATER TREATMENT FACILITY, SOLANO COUNTY.</p> <p><i>Consideration of NPDES Permit Renewal (NPDES No. CA0083771)</i></p> <p>The City of Rio Vista is the owner of the Northwest Wastewater Treatment Facility (Facility), a publicly owned treatment works located at 3000 Airport Road, Rio Vista, California. Veolia Water North American – West, LLC is the Facility operator. The Facility provides sewerage services for a small development northwest of the City of Rio Vista, serving a population of approximately 3,400 with a 2013 median household income of \$55,458. Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2010-0081-02, which permits the discharge of up to 1.0 million gallons per day (MGD) of tertiary treated wastewater to surface waters. Tertiary treated wastewater from the Facility is discharged to the Sacramento River within the Sacramento-San Joaquin Delta, a water of the United States. The United States Environmental Protection Agency and the Central Valley Water Board (Board) have classified this discharge a major discharge.</p> <p>The proposed permit includes new effluent limitations for methylmercury, diazinon, and chlorpyrifos. The permit removes effluent limitations for aluminum, nitrate plus nitrite, and iron because the discharge does not demonstrate reasonable potential to cause or contribute to instream exceedances of the applicable water quality objectives for these constituents.</p> <p>A Notice of Public Hearing was sent to the discharger and interested parties on 16 September 2015 for a 30-day public comment period. Public comments on the tentative NPDES permit were received on 20 October 2015 from the Discharger. The following is a summary of the comments on the major permitting issues and Central Valley Water Board staff responses. All issues have been resolved. Detailed comments and responses are included in the Staff Response to Comments document included in the agenda package.</p> <p>Suggested Title 22 Recycled Water Language. The Discharger is anticipating significant new development in the City of Rio Vista, which presents an opportunity to promote or increase recycled water use. The Discharger provided suggested language to be included in the NPDES permit that will assist the City in identifying the next steps for developing its recycled water program. The requested changes have not been made to the proposed Order because recycled water will be regulated through the State Water Resource Control Board's General Waste Discharge Requirements for Recycled Water</p>

	<p>Use (Order WQ 2014-0090-DWQ). Central Valley Water Board staff provided a letter to the City dated 20 October 2015 outlining the procedures for applying for coverage under the General Recycled Water Permit.</p> <p>Biosolids Monitoring. Because biosolids are not regularly disposed of off-site, the Discharger requested that sampling only be required when the City disposes of its biosolids rather than annually. The Discharger currently stores biosolids in solar greenhouses, and has not disposed of biosolids since the Facility began operations. The Discharger also requested that the analytical requirements for biosolids monitoring be for only Title 22 metals rather than all Priority Pollutants. Central Valley Water Board staff concurs that annual biosolids monitoring is only required if disposal occurs during the calendar year and that the biosolids monitoring should be reduced to only Title 22 metals, consistent with the City of Rio Vista Beach Wastewater Treatment Plant permit. Section IX.A.1, page E-10 of the Monitoring and Reporting Program, has been modified as shown below:</p> <p>“A composite sample of sludge shall be collected annually at Monitoring Location BIO-001 in accordance with EPA’s POTW Sludge Sampling and Analysis Guidance Document, August 1989, and tested for Title 22 metals priority pollutants listed in 40 C.F.R. part 122, Appendix D, Tables II and III (excluding total phenols). Annual monitoring is only required if biosolids are disposed during the calendar year. If no biosolids disposal occurs during the calendar year, the Discharger shall indicate in the annual report that no biosolids disposal occurred.”</p>
c	<p>CITY OF STOCKTON, REGIONAL WASTEWATER CONTROL FACILITY, SAN JOAQUIN COUNTY</p> <p><i>Consideration of Order Amending Waste Discharge Requirements Order R5-2014-0070-01 and Rescinding Time Schedule Order R5-2014-0071 (NPDES Permit No. CA0079138)</i></p> <p>The City of Stockton (Discharger) owns and operates a publicly-owned treatment works. The Facility consists of tertiary level wastewater treatment. After primary and secondary treatment, the wastewater undergoes tertiary treatment in facultative lagoons, constructed wetlands, two nitrifying biotowers, dissolved air floatation, mixed-media filters, and is disinfected using chlorination/dechlorination facilities. The Facility is authorized to discharge up to an average dry weather flow of 55 million gallons per day (MGD).</p> <p>On 28 August 2015, the Discharger submitted a technical memorandum, “Revised Dilution Credit for Trihalomethane Compounds, Stockton Regional Wastewater Control Facility”, which provided an updated dilution analysis that evaluated the long-term hydraulic dilution in the San Joaquin River and the additional dilution of chlorodibromomethane (CDBM) and dichlorobromomethane (DCBM) occurring in the river through volatilization. The Discharger requested an amendment of Order R5-2014-0070-01 based on the updated dilution analysis to update the dilution credits and mixing zone dimensions for human health criteria and revise the final effluent limitations for DCBM and CDBM. An order is proposed amending Order R5-2014-0070-01. The Discharger can immediately comply with the revised effluent limitations for DCBM and CDBM. Therefore, the proposed Order also rescinds Time Schedule Order R5-2014-0071.</p>
d	<p>CITY OF TRACY, WASTEWATER TREATMENT PLANT, SAN JOAQUIN COUNTY</p> <p><i>Consideration of order amending waste discharge requirements order R5 2012 0115 01 (NPDES Permit. CA0079154)</i></p> <p>The City of Tracy owns and operates the Tracy Wastewater Treatment Plant (Facility) that provides sewerage service for the City of Tracy, serving a population of approximately 85,000. The Central Valley Regional Water Quality Control Board (Central Valley Water Board) adopted Waste Discharge Requirements Order R5 2012 0115-01 (NPDES Permit) authorizing the Facility to discharge up to 16 million gallons per day (MGD) of tertiary-treated municipal wastewater to Old River, within the Sacramento-San Joaquin Delta. The United States Environmental Protection Agency and the Central Valley Regional Water Quality Control Board (Central Valley Water Board) have classified this discharge a major discharge.</p>

<p>The NPDES Industrial Storm Water Program regulates storm water discharges from wastewater treatment facilities. The State Water Resources Control Board's Water Quality Order 2014 0057 DWQ, General Permit for Storm Water Discharges Associated with Industrial Activities (NPDES General Permit No. CAS000001), does not require facilities to obtain coverage under the General Storm Water Permit if discharges of storm water are regulated under another individual or general NPDES permit adopted by the State Water Board or Regional Water Board. All storm water at the Facility is captured and directed to the Facility headworks for treatment and disposal under the Facility's individual NPDES Permit. Therefore, coverage under the General Storm Water Permit is not required. An Order is proposed amending the NPDES Permit to provide this clarification in the Fact Sheet.</p>

RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review _____

Legal Review _____

December 10/11, 2015

Central Valley Regional Water Quality Control Board meeting

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670