

ITEM: 17

SUBJECT: UNCONTESTED NPDES PERMITS AND ENFORCEMENT

BACKGROUND:

Following are proposed permits for consideration of adoption. All agencies and dischargers concur or have offered no comments

a. BEAR VALLEY WATER DISTRICT, BEAR VALLEY WASTEWATER TREATMENT FACILITY, ALPINE COUNTY

Bear Valley Water District (Discharger) is the owner and operator of the Bear Valley Wastewater Treatment Facility (Facility), a publicly owned treatment works located at 441 Creekside Drive, Bear Valley, California. The Facility provides sewerage services for the communities of Bear Valley, Bear Valley Mountain Resort, and Lake Alpine/United States Forest Service, serving a population of approximately 121 permanent residents as well as seasonal users. The Facility provides secondary treatment for up to 0.50 million gallons per day (MGD). The current NPDES Permit authorizes the seasonal (1 January through 30 June) maximum daily surface water discharge of up to 2.5 MGD and an average monthly surface water discharge of 1.0 MGD of disinfected secondary treated wastewater to Bloods Creek, a water of the United States and tributary to the North Fork Stanislaus River. NPDES permit requirements specify discharges to Bloods Creek may only occur when there is 20:1 dilution in the receiving water.

Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2016-0045-01 which was issued by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 24 June 2016 and amended on 7 April 2017. An Order is proposed to amend the NPDES permit. The proposed permit amendments are as follows: 1) reduce effluent monitoring from twice weekly to once weekly for biochemical oxygen demand, total suspended solids, ammonia nitrogen, electrical conductivity, settleable solids, temperature, total coliform organisms, and turbidity when discharging to Bloods Creek; and 2) require receiving water monitoring only when discharging to Bloods Creek.

The tentative Order was issued for a 30-day public comment period on 16 September 2019 with comments due by 16 October 2019. No public comments were received.

b. COLD WATER CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITY DISCHARGERS TO SURFACE WATERS, APPLICABLE TO ALL COUNTIES IN CENTRAL VALLEY REGION 5

On 5 December 2014, the Central Valley Water Board adopted Waste Discharge Requirements (WDRs) Order R5-2014-0161 (NPDES Permit No. CAG135001) for Cold

Water Concentrated Aquatic Animal Production Facility Dischargers to Surface Waters, also referred to as the CAAP General Order. The CAAP General Order applies to individuals, public agencies, private businesses, and other legal entities that operate facilities that meet the definition of a cold water concentrated aquatic animal production (CAAP) facility, as defined in section 122.24 of Title 40 of the Code of Federal Regulations. The proposed CAAP General Order provides regulatory coverage for discharges from fish hatcheries to cold surface waters.

The tentative Order was issued for a 30-day public comment period on 23 September 2019 with comments due by 23 October 2019. Comments were received from the State of California Department of Fish and Wildlife (CDFW). The proposed NPDES permit has been modified to address the comments; details are provided in the Staff Response to Comments document included in the agenda package. CDFW staff have communicated that the Central Valley Water Board staff responses and changes to the tentative Order have addressed their concerns and they are not contesting the proposed renewal of the CAAP General Order.

c. CITY OF TURLOCK, REGIONAL WATER QUALITY CONTROL FACILITY,
STANISLAUS COUNTY

The City of Turlock (Discharger) is the owner and operator of the City of Turlock Regional Water Quality Control Facility (Facility), a publicly owned treatment works located at 901 S. Walnut Road, Turlock, California. The Facility provides sewerage service for the City of Turlock and the community service districts of Denair and Keyes and receives up to 2 million gallons per day (MGD) of primary treated effluent from the City of Ceres. The Facility serves a population of approximately 88,000 and 12 significant industrial users (SIUs). Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2015-0027 (NPDES Permit) which was issued by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 17 April 2015. The NPDES Permit authorizes an average dry weather discharge flow of 20 MGD of tertiary treated municipal wastewater to the San Joaquin River, a water of the United States and tributary to the Sacramento-San Joaquin Delta.

An Order is proposed to amend the NPDES Permit to revise effluent limitations for chlorodibromomethane and dibromochloromethane. The revision of these effluent limitations is based on the updated mixing zone for these constituents presented by the Discharger to the Central Valley Water Board on 15 April 2019 in the Technical Memorandum entitled Revised Dilution Credit for Trihalomethane Compounds, Turlock Water Quality Control Facility, NPDES No. CA0078948.

The tentative Order was issued for a 30-day public comment period on 2 October 2019 with comments due by 1 November 2019. No public comments were received.

d. LINDA COUNTY WATER DISTRICT, WASTEWATER TREATMENT PLANT,
YUBA AND SUTTER COUNTIES

The Linda County Water District (Discharger) is the owner and operator of the Linda County Water District Wastewater Treatment Plant (Facility), a publicly owned treatment works located at 909 Myrna Avenue, Marysville, California. The Facility serves a population of approximately 18,000 within the community of Linda and portions of unincorporated Yuba County, and serves the City of Marysville with a population of approximately 12,000. The Facility discharges tertiary treated disinfected effluent to the Feather River, a water of the United States and a tributary to the Sacramento River, via a series of seven percolation ponds that lie within the Feather River floodplain or directly to the Feather River via an outfall diffuser.

Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2017-0094 (NPDES Permit) which was issued by the Central Valley Regional Water Quality Control Board on 11 August 2017. The NPDES Permit authorizes an average dry weather discharge flow of 5.0 million gallons per day (MGD), but only 1.8 MGD of the total flow is permitted to be discharged via the percolation ponds due to concerns about the discharge capacity of the ponds.

The Discharger submitted an engineering study demonstrating the percolation ponds have sufficient capacity to discharge the entire 5.0 MGD average dry weather flow rate. Therefore, the proposed Order amends the NPDES Permit to remove the 1.8 MGD discharge flow limit to the percolation ponds. The proposed amendment does not authorize an increase in the total average dry weather discharge flow to the Feather River.

The tentative Order was issued for a 30-day public comment period on 24 September 2019 with comments due by 24 October 2019. No public comments were received for this item.

e. TOWN OF DISCOVERY BAY COMMUNITY SERVICES DISTRICT,
DISCOVERY BAY WASTEWATER TREATMENT PLANT, CONTRA COSTA
COUNTY

Veolia West Operating Services, Inc. (Operator) is the operator of Discovery Bay Wastewater Treatment Plant (Facility). The Town of Discovery Bay Community Services District (Discharger) provides sewerage service for the Town of Discovery Bay which serves a population of approximately 16,000 in Contra Costa County and owns the properties at on which the Facility is located.

On 6 June 2014, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) adopted Order R5-2014-0073, prescribing WDRs for the Facility, for a permitted average dry weather flow of 2.35 million gallons per day of tertiary treated effluent to the Old River, a water of the United States, within the Sacramento-

San Joaquin Delta. The United States Environmental Protection Agency and the Central Valley Water Board have classified the discharge as a major discharge.

An Order is proposed to renew the NPDES permit. The proposed NPDES permit renewal includes new or updated effluent limitations for ammonia nitrogen, nitrate plus nitrite, and electrical conductivity. The proposed permit will remove the maximum daily effluent and mass limitations for biochemical oxygen demand, total suspended solids, and ammonia nitrogen. The proposed NPDES permit renewal does not allow for an increase in the discharge to Old River.

The Tentative Permit was issued for a 30-day public comment period on 19 September 2019 with comments due by 21 October 2019. Public comments were received from the Discharger. The proposed NPDES permit has been modified to address the comments; details are provided in the Staff Response to Comments document included in the agenda package. The Discharger has communicated that the Central Valley Water Board staff responses and changes to the tentative Order have addressed their concerns and they are not contesting the proposed NPDES permit renewal.

RECOMMENDATION:

Adopt the NPDES Permits and Enforcement.

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