

**21-22 APRIL 2022 BOARD MEETING
UNCONTESTED AGENDA ITEM**

AGENDA ITEM: 10

SUBJECT:

The following is a proposed permit for consideration of adoption. All agencies and dischargers concur or have offered no comments

BOARD ACTION:

Consideration of NPDES Permit Renewal

BACKGROUND:

a. City of Colusa, Wastewater Treatment Plant, Colusa County – Consideration of NPDES Permit Renewal and Time Schedule Order (NPDES Permit CA0078999)

The City of Colusa (Discharger) is the owner and operator of the Wastewater Treatment Plant (Facility), located at 2820 Will S. Green Road, Colusa, California. The Facility is a publicly-owned treatment works and provides sewerage services for the City of Colusa, serving a population of approximately 6175. The Facility provides Title 22 tertiary treatment for an average dry weather flow of 0.7 million gallons per day of municipal wastewater. The Facility reclaims Title 22 tertiary recycled water for irrigation of Discharger-owned farmland, landscape irrigation, and dust control. In addition, when the Facility exceeds its capacity to store and recycle water it discharges tertiary treated wastewater to the unnamed tributary to Powell Slough, a water of the United States. The Central Valley Regional Water Quality Control Board (Central Valley Water Board) and United States Environmental Protection Agency classify the Facility as a minor facility.

Discharges from the Facility are currently regulated by Waste Discharge Requirements/NPDES Permit Order R5-2016-0062-02, issued by the Central Valley Water Board on 18 August 2016 and amended on 6 April 2018 and 20 February 2020. An Order is proposed to renew the NPDES permit. The proposed Order includes updated final effluent limitations for ammonia nitrogen and new final effluent limitations for total zinc. The proposed Order removes existing effluent limits for settleable solids, maximum daily effluent limits for biochemical oxygen demand and total suspended solids, and mass-based effluent limits for ammonia nitrogen, biochemical oxygen demand and total suspended solids. Removal of

these limits will not result in an increase in discharge of the pollutants or in the degradation of the receiving water. A Time Schedule Order is proposed to provide the Discharger time to complete a compliance project that will enable the Discharger to comply with the final zinc effluent limitations while providing protection from mandatory minimum penalties for violations of the new final zinc effluent limitations.

The proposed Orders were issued for a 30-day public comment period on 16 February 2022 with comments due by 18 March 2022. No comments were received.

b. City of Corning, Corning Wastewater Treatment Plant, Tehama County – Consideration of NPDES Permit Renewal (NPDES Permit CA0004995)

The City of Corning (hereinafter Discharger) is the owner of the Corning Wastewater Treatment Plant (hereinafter Facility), a Publicly-Owned Treatment Works. The Facility is operated by Inframark, a contract operator retained by the Discharger. The design average dry weather flow capacity of the Facility is 1.4 million gallons per day (mgd). The treatment system consists of influent screening, an oxidation ditch, secondary clarifiers, disinfection with gaseous chlorine, and dechlorination.

Solids wasted from the secondary treatment system are thickened, dewatered via sludge drying beds, and then hauled to a solid waste landfill for final disposal. Treated wastewater is discharged year-round to the Sacramento River, a water of the United States, using an outfall and multiport diffuser system that is shared with treated effluent from Bell-Carter Olive Company's Industrial Wastewater Treatment Plant. Discharge from Bell-Carter Olive Company is regulated under a separate NPDES permit (Order R5-2021-0021). The outfall and diffuser system is owned by the Discharger.

The existing NPDES permit has water quality based effluent limitations for ammonia, chlorine residual, nitrate plus nitrite, and dichlorobromomethane. Review of the last three years of effluent/receiving water data indicated that there is still reasonable potential to exceed water quality objectives for ammonia, chlorine residual, nitrate plus nitrite, and dichlorobromomethane. Additionally, new zinc effluent limitations will be included in the permit renewal. The Discharger is able to immediately comply with the effluent limitations for ammonia, chlorine residual, zinc, dichlorobromomethane, and nitrate plus nitrite.

The proposed order was sent to the Discharger and interested persons on 24 February 2022 for a 30-day comment period. No comments on the proposed order were received.

c. General Waste Discharge Requirements/National Pollutant Discharge Elimination System Permit, Municipal Wastewater Dischargers That Meet Objectives/Criteria At The Point Of Discharge To Surface Water, Consideration of NPDES General Permit Amendment (NPDES Permit CAG585001), All Counties in Region 5

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) adopted General Waste Discharge Requirements for Municipal Wastewater Dischargers That Meet Objectives/Criteria at the Point of Discharge to Surface Water (Municipal General Order) on 11 August 2017. The Municipal General Order is for major and minor discharges from publicly owned treatment works or privately owned treatment works. The Municipal General Order is for facilities that provide secondary, advanced-secondary, or tertiary treatment for municipal and domestic wastewater and comply with effluent limitations at the point of discharge to receiving surface waters within the Central Valley Region.

The proposed Amending Order for the Municipal General Order includes effluent limitations for selenium and thallium based on California Toxics Rule criteria for protection of freshwater aquatic life and protection of human health, respectively, and editorial changes.

The tentative Amending Order was issued for a 30-day public comment period on 17 February 2022 with comments due on 20 March 2022. Comments were received from the El Dorado Irrigation District and City of Roseville. The proposed Amending Order has been modified to address editorial comments regarding table numbering. Central Valley Water Board staff concur with the remaining comments, which will be addressed in the Municipal General Order renewal scheduled for later this year, including additional selenium and thallium effluent limitations based on a range of coefficients of variation and for waterbodies without the MUN beneficial use.

d. River Highlands Community Services District; County of Yuba; and Gold Village Land Development, LLC.; Hammonton Gold Village Wastewater Treatment Plant, Yuba County – Consideration of NPDES Permit Renewal (NPDES Permit CA0081574)

The River Highlands Community Services District, County of Yuba, and Gold Village Land Development, LLC are collectively named the Discharger of the Hammonton Gold Village Wastewater Treatment Plant (Facility), a publicly owned treatment works located at 8204 Platinum Circle Smartsville, CA 95977. The Facility is operated by the Olivehurst Public Utility District through a contract with the County of Yuba. The Facility provides sewerage service for the community of Hammonton Gold Village and serves 84 connections with a population of approximately 210. The permitted flow of the Facility is 0.026 MGD million gallons per day. Tertiary-treated, disinfected wastewater from the Facility will be discharged to the unnamed tributary to Sanford Creek, a water of the United States. The Central Valley Regional Water Quality Control Board and United States Environmental Protection Agency classify the Facility as a minor facility.

The proposed Order was issued for a 30-day public comment period on 16 February 2022 with comments due by 18 March 2022. No comments were received.

RECOMMENDATION:

Adopt the NPDES Permit

REVIEWS:

Management Review:	Various
Legal Review:	Various

BOARD MEETING LOCATION:

Central Valley Regional Water Quality Control Board meeting
1685 E. Street
Fresno, CA 93706-2020

AND VIA VIDEO AND TELECONFERENCE