ITEM: 23

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

RECOMMENDATION: Adopt the NPDES Permits and Enforcement

a. BURNEY FOREST PRODUCTS, A JOINT VENTURE, SHASTA GREEN, INC., AND FRUIT GROWERS SUPPLY COMPANY (DISCHARGER); BURNEY FOREST POWER; SHASTA COUNTY

Burney Forest Products, A Joint Venture, Shasta Green, Inc., and Fruit Growers Supply Company (Discharger) owns and operates a biomass fired cogeneration powerplant and a sawmill/planing mill, collectively known as Burney Forest Power (Facility), located at 35586-B Highway 299 E, just outside the town of Burney, California. The discharge of storm water from the Facility is discharged to Canyon Creek, a tributary Burney Creek.

Discharges from the Facility are regulated by Waste Discharge Requirements Order R5-2014-0035 (NPDES Permit No. CA0082490) adopted by the Central Valley Regional Water Quality Control Board on 27 March 2014. An Order is proposed to renew the NPDES Permit. The proposed Order removes existing effluent limitations for settleable solids because the discharge does not demonstrate reasonable potential. The proposed Order includes new storm water action levels for aluminum and manganese.

The tentative NPDES Permit was issued for a 30-day public comment period on 28 March 2019 and comments were due by 29 April 2019. No comments were received for this item.

b. CITY OF VACAVILLE, EASTERLY WASTEWATER TREATMENT PLANT, SOLANO COUNTY

The City of Vacaville is the owner and operator of the Easterly Wastewater Treatment Plant (Facility), a publicly owned treatment works located at 6040 Vaca Station Road, Elmira, California. The Facility provides sewerage services for the City of Vacaville and the community of Elmira, serving a population of approximately 100,220. The Facility provides tertiary treatment (1 May – 31 October) and secondary treatment (1 November – 30 April) for up to an average dry weather flow of 15 million gallons per day (MGD). Treated wastewater from the Facility is discharged to Old Alamo Creek, a water of the United States and...
tributary of New Alamo Creek, Ulatis Creek, Cache Creek Slough, and the Sacramento-San Joaquin Delta.

Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2014-0072-01, issued by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 6 June 2014 and amended on 9 October 2014 and 17 April 2015. An Order is proposed to renew the NPDES permit.

The proposed permit includes new or updated effluent limitations for ammonia, biochemical oxygen demand, chlorodibromomethane, dichlorobromomethane, nitrate plus nitrite, and total suspended solids. The proposed permit will remove existing effluent limitations for settleable solids because the discharge does not demonstrate reasonable potential to cause or contribute to in-stream exceedances of the applicable water quality objectives for this parameter. In addition, a Time Schedule Order (TSO) is proposed to provide a compliance schedule to achieve compliance with final effluent limitations for chlorodibromomethane and dichlorobromomethane by 6 June 2024.

The tentative Orders were issued for a 30-day public comment period on 27 March 2019 with comments due by 26 April 2019. No public comments were received.

c. CITY OF YUBA CITY, WASTEWATER TREATMENT FACILITY, SUTTER COUNTY

The City of Yuba City (Discharger) owns and operates the City of Yuba City Wastewater Treatment Facility (Facility). The Facility provides secondary level treatment for up to 10.5 million gallons per day. Secondary-level treated effluent may be discharged to the Feather River via a diffuser (Discharge Point 001). Secondary-level treated effluent from the Facility may also be directed to one or more of six disposal ponds (Discharge Point 002) located between the two main east and west levee banks within the Feather River floodplain.

Discharges from the Facility are currently regulated by Waste Discharge Requirements (WDRs) Order R5-2019-0017 issued by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 8 February 2019. The Central Valley Water Board is proposing an amendment to WDRs Order R5-2019-0017 due to the changes in the receiving water geomorphology and necessary repairs and maintenance of the disposal ponds, which require the disposal ponds to be emptied and dried for construction. The proposed amendment includes the addition of Discharge Point 003, a discharge point on the east bank of the Feather River above where Shanghai Falls was located and corresponding effluent limitations for ammonia, biochemical oxygen demand (5-day @ 20°C), chlorpyrifos, copper, diazinon, dichlorobromomethane, mercury, nitrate plus nitrite, settleable solids, pH, total coliform organisms, total
suspended solids, and total residual chlorine at Discharge Point 003. Minor clarifications were also made to the WDRs Order.

The tentative Order was issued for a 30-day public comment period on 8 April 2019 with comments due by 8 May 2019. No comments were received for this item.

d. **GRIZZLY LAKE CSD, DELLEKER WASTEWATER TREATMENT PLANT, PLUMAS COUNTY**

Grizzly Lake Community Services District (Discharger) owns and operates the Delleker Wastewater Treatment Plant. The Discharger provides sewerage service for the community of Delleker and serves a population of approximately 650. The Discharger collects septage supernatant piped directly to the Facility from Plumas Sanitation at a rate of about 200,000 gallons per month until 2025 when their current agreement expires. The design average dry weather flow capacity of the Facility is 0.10 MGD.

The treatment system at the Facility consists of a headworks distribution box, five unlined facultative treatment ponds, chlorination with liquid chlorine, and dechlorination. Aeration is achieved using a 5-horsepower vertical aerator, which is operated on a timer. During periods in which discharge to receiving waters is prohibited, wastewater is held in the unlined ponds and allowed to either percolate or evaporate. Wastewater is only discharged from the Facility to the Middle Fork Feather River when there is not enough storage within the pond system, which typically occurs because of heavy influent flow caused by inflow and infiltration (I/I).

The tentative order would renew the Discharger’s NPDES permit. The Discharger is expected to be able to immediately comply with the renewed NPDES permit.

Mgmt. Review _______
Legal Review _______
6/7 June 2019

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