

ITEM: 19

SUBJECT: Uncontested NPDES Permits

REPORT: Following are the proposed permits. All agencies and the dischargers concur, or have offered no comments.

	a	<p>Calaveras County Water District and Cain-Papais Trust, Forest Meadows Wastewater Reclamation Plant, Calaveras County</p> <p>Calaveras County Water District owns and operates the Forest Meadows Wastewater Reclamation Plant (Facility), serving the community of Forest Meadows. The Facility is located off of Highway 4, approximately two miles east of the town of Murphys. The Facility's design daily average flow capacity is 0.19 mgd. The current average dry weather flow is 0.07 mgd with a peak wet weather flow of 0.28 mgd. The Facility consists of preliminary screening, a complete mix basin, sludge-settling storage basin, two dissolved air flotation thickeners (DAF), two continuous backwash sand filters, an ultraviolet (UV) light disinfection system, and an effluent storage pond owned and operated by Cain-Papais Trust. Tertiary treated wastewater is stored and reused for golf course irrigation. During wet years, wastewater flows exceeding the storage capacity of the golf course storage pond will be discharged seasonally to the Collierville Tunnel that empties into the Stanislaus River, a water of the United States. The Discharger anticipates the discharge to surface water would occur only during wet years when effluent flows are highest due to high infiltration and inflow, golf irrigation needs are lowest, and winter/spring storage needs are greatest. The proposed Order includes effluent limitations for ammonia, aluminum, copper, cyanide, lead, nitrite and zinc. The Order contains compliance schedules and interim effluent limitations for aluminum, copper, lead, and zinc.</p> <p>Comments on the tentative Order were only received from the Discharger. A Response to Comments document is included in the agenda package. Some minor changes have been made to the proposed Order in response to the Discharger's comments.</p>
	b	<p>City of Modesto, Water Quality Control Facility, Stanislaus County</p> <p>The City of Modesto (hereafter Discharger) owns and operates the City of Modesto Water Quality Control Facility, a publicly owned treatment works. The Water Quality Control Facility provides sewerage service for the City of Modesto, the community of Empire, and a portion of the City of Ceres, serving</p>

		<p>a population of approximately 224,000. Seasonally, from 1 October through 31 May, and under conditions of a minimum 20 to 1 flow ratio (receiving water: effluent), up to 70 million gallons per day (mgd) of disinfected secondary treated municipal wastewater may be discharged to the San Joaquin River. During the growing season, the Discharger applies secondary treated wastewater to the City's 2,526 acre ranch at agronomic rates.</p> <p>The proposed Order allows for an additional 4.8 mgd of tertiary treated municipal wastewater to be discharged to the San Joaquin River year-round. The proposed Order also includes new effluent limitations for aluminum, ammonia, carbon tetrachloride, chloride, dichlorobromomethane, dibromochloromethane, molybdenum, selenium, manganese, iron, EC, nitrate, and nitrite. In addition, the proposed Order includes an interim mercury mass limitation. The Discharger may be unable to immediately comply with the new effluent limitations for ammonia, dichlorobromomethane and dibromochloromethane; therefore, compliance time schedules are established in the Order.</p> <p>Tentative Waste Discharge Requirements were circulated on 15 January 2008. Based on comments received from the Discharger and USEPA, Region 9, the tentative Waste Discharge Requirements were revised, requiring an additional 30-day comment period. The revised tentative Waste Discharge Requirements were issued on 22 February 2008 and included new effluent limitations for electrical conductivity and revised effluent limitations for aluminum, carbon tetrachloride, nitrate, and nitrite.</p> <p>Comments on the tentative Orders were received from the Discharger and USEPA Region 9. Response to comments is provided in the agenda package. Some minor changes have been made to the proposed Order based on the comments received.</p>
	c	<p>U. S. Department Of Interior, National Park Service, Yosemite National Park, El Portal Waste Water Treatment Facility, Mariposa County</p> <p>The U. S. Department of Interior, National Park Service, Yosemite National Park owns and operates a sanitary sewer collection system and the El Portal Wastewater Treatment Facility (WWTF), a publicly owned treatment works. The Park Service provides sewerage service to the unincorporated community of El Portal and for Yosemite Valley in Yosemite National Park, serving a population of approximately 2,200</p>

		<p>permanent residents and up to 20,000 visitors per day to the Park. The WWTF discharges tertiary treated effluent to percolation ponds adjacent to and hydraulically connected to the Merced River, or rarely directly to the Merced River.</p> <p>Discharges from the WWTF are currently regulated by Waste Discharge Requirements (WDRs) Order No. 5-01-243. The tentative WDRs contain a compliance schedule and interim performance-based effluent limitations for copper and a compliance schedule for sludge-bed modifications.</p> <p>The tentative WDRs were circulated for public comment on 3 March 2008. There are no known issues at this time. Written comments are due on 7 April 2008. No comments have been received prior to agenda package preparation. Necessary changes will be addressed in late revisions.</p>
	d	<p>Crystal Creek Aggregate, Inc. Aggregate Quarry, Shasta County</p> <p>Crystal Creek Aggregate, Inc. (hereinafter Discharger) operates an aggregate quarry and processing plant in Shasta County.</p> <p>The Discharger quarries tonalite on property in the Keswick area of Redding. An undetermined quantity of storm water discharges through a series of sedimentation basins through a pipe to an unnamed tributary to Middle Creek.</p> <p>The proposed Order requires the Discharger to implement a combination of BMPs, and contains numeric effluent limitations, and receiving water limitations to ensure the quality of the receiving water is protected. As specified in 40 CFR Section 122.44(k), BMPs may be used in lieu of numeric effluent limitations.</p>

RECOMMENDATION: Adopt the proposed NPDES permits.

Mgmt Review _____

Legal Review _____

Central Valley Regional Water Quality Control Board

11020 Sun Center Drive, #200 Rancho Cordova, CA 95670

24/25 April 2008