

Regional Water Quality Control Board
North Coast Region

Executive Officer's Summary Report
Thursday, August 13, 2015
Santa Rosa, California

- ITEM: 6
- SUBJECT: Public Hearing to consider adoption of Order No. R1-2015-0039 Waste Discharge Requirements for the Mendocino City Community Services District (CSD) Wastewater Treatment Facility, WDID No. 1B83129OMEN, NPDES No. CA0022870 (*Cathleen Goodwin*)
- BOARD ACTION: The Board will consider adoption of Waste Discharge Requirements Order No. R1-2015-0039. The Order will serve as a National Pollutant Discharge Elimination System (NPDES) permit for a period of five years.
- BACKGROUND: The Mendocino City CSD (Permittee) owns and operates the Mendocino City CSD Wastewater Treatment Facility (Facility), a domestic wastewater facility that serves a population of approximately 4,000, including 1,000 full-time residents and many visitors and tourists to Mendocino City, Russian Gulch State Park and Headlands State Park. The Facility is located on 10500 Kelly Street in Mendocino, Mendocino County, California.
- The Facility has an average dry weather design treatment capacity of 0.3 million gallons per day (mgd), and a peak wet weather treatment capacity of 1.0 mgd. Wastewater treatment consists of comminution, extended aeration activated sludge, secondary clarification, and tertiary filtration. Effluent is chlorinated, dechlorinated, and flows by gravity to a flow equalization pond. Influent flow in excess of the design flow can be routed to a 300,000 gallon overflow pond for storage until flows diminish, when the excess flow is routed back to the headworks for treatment. Treated effluent meeting secondary treatment standards is discharged to the Pacific Ocean at Discharge Point 001 via a 996 foot outfall designed to achieve a minimum dilution of 100:1. During the dry season (generally May through October), tertiary treated effluent is distributed to a water recycling system, which consists of a 55,000 gallon storage tank, accompanying appurtenances, and a pop-up sprinkler system located on the Mendocino High School athletic fields.
- ISSUES: Order No. R1-2015-0039, as proposed, continues to prescribe technology-based effluent limitations at Discharge Point 001 for biochemical oxygen demand (BOD) and total suspended solids

(TSS). The proposed Order also retains effluent limitations for oil and grease, settleable solids, turbidity, pH, total residual chlorine, ammonia, and TCDD-equivalents¹ based on the Ocean Plan. It also retains effluent limitations for total coliform based on the Ocean Plan for discharges to the Pacific Ocean and California Code of Regulations Title 22 for recycled water use. Effluent limitations for chloroform and dichlorobromomethane were removed from the proposed Order as the result of a finding of no reasonable potential to cause or contribute to an exceedance of water quality objectives.

The proposed Order includes new effluent monitoring and reporting requirements for chronic toxicity and expanded recycled water requirements to ensure compliance with all Title 22 requirements.

No formal comments on the draft Order were received. Minor changes were made to the draft monitoring and reporting program to facilitate the Permittee's water recycling program. Adoption of the proposed Order is uncontested.

RECOMMENDATION: Adopt Order No. R1-2015-0039, as proposed.

SUPPORTING
DOCUMENTS:

1. Proposed Order No. R1-2015-0039
2. Public Notice

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¹ The sum of the concentrations of chlorinated dibenzodioxins (2,3,7,8-CDDs) and chlorinated dibenzofurans (2,3,7,8-CDFs) multiplied by their respective toxicity factors identified in the Ocean Plan.