

Regional Water Quality Control Board  
North Coast Region

Executive Officer's Summary Report  
April 18, 2019  
Regional Water Board Office  
5550 Skylane Blvd, Suite A  
Santa Rosa, CA

**ITEM:** 2

**SUBJECT:** Public Hearing on Order No. R1-2019-0002 to consider adoption of proposed Waste Discharge Requirements for the Miranda Community Services District Wastewater Treatment Facility, WDID #1B80002OHUM (Rachel Prat)

**BOARD ACTION:** The Board will consider adoption of Waste Discharge Requirements Order No. R1-2019-0002.

**BACKGROUND:** The Miranda Community Services District (Discharger) owns and operates the Miranda Wastewater Treatment Facility (Facility), a municipal wastewater treatment facility (WWTF) that serves approximately 115 residential and commercial connections within the community of Miranda, in Humboldt County.

The Facility is currently regulated under Waste Discharge Requirements Order No. R1-2003-0008 (Order No. R1-2003-0008), which authorizes the discharge of treated municipal wastewater to a percolation pond. The Facility has an average dry weather design capacity of 0.046 million gallons per day (mgd) and a peak wet-weather treatment capacity of 0.090 mgd. The Facility was constructed in 1982 and serves individual septic tanks via a small-diameter gravity collection system. Solids collected in the septic tanks are hauled off-site for disposal at a permitted disposal facility via a Humboldt County permitted septage pumper truck. In addition to the collection system, the Facility consists of: a mixing chamber, recirculation tank, two gravel filtration beds, a chlorination system, a percolation pond and an operation and maintenance building. Wastewater treatment is achieved through settling, absorption, straining, sedimentation and aerobic and anaerobic bacterial actions. Filtered effluent is discharged to a percolation pond located approximately 75 feet from the current east bank of the South Fork Eel River.

**DISCUSSION:** Order No. R1-2019-0002 (Proposed Order) includes effluent limitations for Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), Settleable Solids, pH, and Total Coliform Organisms to evaluate the performance of the Facility. These effluent limitations were retained from the previous Order No. R1-2003-0008. The Proposed Order also includes new requirements for maintaining an updated Operations & Maintenance Manual, for implementing source control functions to restrict discharges of toxic materials to the collection system, and to prepare and implement a special study to confirm that the discharge of treated effluent to the percolation pond is in compliance with groundwater limitations and the surface water discharge prohibition set forth in the Order.

A copy of the draft Order was posted on the Regional Water Board website and was available for public comment from January 4, 2019 through February 4, 2019. The Discharger submitted timely comments on the Draft Order. Regional Water Board staff

met with the Discharger to discuss and clarify requirements of the Draft Order. A written response to the Discharger's comments is provided in the Response to Comments document. No modifications were made to the Draft Order.

The Proposed Order is uncontested.

**RECOMMENDATION:** Adopt Order No. R1-2019-0002, as proposed.

**SUPPORTING DOCUMENTS:**

1. Proposed Order No. R1-2019-0002
2. Staff Response to Comments
3. Miranda Community Services District (CSD) Comments
4. Miranda CSD Comments Summary Agreement
5. Public Notice