

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER R5-2018-0089

AMENDING WASTE DISCHARGE REQUIREMENTS
ORDER R5-2014-0052 (NPDES PERMIT NO. CA0079511)

CITY OF SHASTA LAKE
WASTEWATER TREATMENT FACILITY
SHASTA COUNTY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter "Central Valley Water Board") finds that:

1. On 28 March 2014, the Central Valley Water Board adopted Waste Discharge Requirements (WDRs) Order R5-2014-0052, prescribing waste discharge requirements for the City of Shasta Lake Wastewater Treatment Facility, Shasta County. For purposes of this Order, the City of Shasta Lake is hereafter referred to as "Discharger" and the City of Shasta Lake Wastewater Treatment Facility is hereafter referred to as "Facility."
2. WDRs Order R5-2014-0052 contained, in part, final effluent limitations for ammonia, copper, dichlorobromomethane (DCBM), nitrate + nitrite, pH, and zinc. The Discharger could not immediately comply with these final effluent limitations, therefore on 28 March 2014, the Central Valley Water Board adopted Time Schedule Order (TSO) R5-2014-0053 with a compliance schedule and interim effluent limitations for ammonia, copper, DCBM, nitrate + nitrite, pH, and zinc.
3. To come into compliance with final effluent limitations contained in WDRs Order R5-2014-0052, the Discharger decided to pursue Facility upgrades including: new screened raw sewage pump station, aeration basins replacing oxidation ditch, additional clarifier, cloth filters replacing traveling bridge filters, ultraviolet (UV) disinfection replacing chlorine disinfection, additional equalization volume and a new sludge drying bed.
4. Upgrades to the Facility are partially complete, and as of the date of this Order, the UV disinfection system and cloth filters have been installed and are operational, but the remaining upgrades to the Facility are not completed. WDRs Order R5-2014-0052 does not correctly describe the UV disinfection system or cloth filters, nor does it contain UV operating specifications and monitoring. Therefore, this Order modifies Order R5-2014-0052 to include the UV disinfection system and cloth filters as part of the treatment process description as well as UV operating specifications and monitoring.
5. This Order modifies permit conditions contained in WDRs Order R5-2014-0052 pursuant to 40 Code of Federal Regulations section 122.62(a)(1). The replacement

of the existing chlorine disinfection system with UV and the existing traveling bridge filters with cloth media filtration constitutes both a material and substantial alteration to the Facility. These material and substantial alterations to the Facility occurred after issuance of WDRs Order R5-2014-0052 and therefore justifies modifying WDRs Order R5-2014-0052 to include different permit conditions.

6. Issuance of this Order is exempt from the provisions of the California Environmental Quality Act (Pub. Resources Code, § 21000 et seq.) ("CEQA") pursuant to Water Code section 13389, since the adoption or modification of a NPDES permit for an existing source is statutorily exempt and this Order only serves to modify a NPDES permit (*Pacific Water Conditioning Ass'n, Inc. v. City Council of City of Riverside* (1977) 73 Cal.App.3d 546, 555-556.).
7. The Central Valley Water Board has notified the Discharger and interested agencies and persons of its intent to amend the WDRs for this discharge and has provided them with an opportunity to submit their written views and recommendations.

IT IS HEREBY ORDERED THAT:

Waste Discharge Requirements Order R5-2014-0052 (NPDES No. CA0079511) is amended as shown in underline/strikeout format in Attachment 1 to this Order.

Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Board to review the action in accordance with Water Code section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Order, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at:

http://www.waterboards.ca.gov/public_notices/petitions/water_quality

or will be provided upon request.

I, PATRICK PULUPA, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on 7 December 2018.

Original Signed By

PATRICK PULUPA, Executive Officer