



California Regional Water Quality Control Board Central Valley Region

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MINOR MODIFICATIONS AND CLARIFICATIONS TO THE SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT (SRCSD) WASTE DISCHARGE REQUIREMENTS ORDER R5-2010-0114 (NPDES NO. CA0077682) AND TIME SCHEDULE ORDER R5-2010-0115; SACRAMENTO REGIONAL WASTEWATER TREATMENT PLANT; SACRAMENTO COUNTY

In reviewing Waste Discharge Requirements (WDR) Order R5-2010-0114 and Time Schedule Order (TSO) R5-2010-0115 for the Sacramento Regional Wastewater Treatment Plant, several typographical errors, inconsistencies, and needed clarifications have been identified by Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff.

Pursuant to Code of Federal Regulations, 40 CFR Section 122.63(a), minor modification of permits is allowed to correct typographical errors. Therefore, this letter serves as notification that the following minor modifications are made to WDR Order R5-2010-0114 and TSO R5-2010-0115. The following items are corrected as described below:

1. In WDR Order R5-2010-0114, the Effluent Annual Mercury Mass Loading Limitation is listed as 2.2 lbs/year in the Limitations and Discharge Requirements (Section IV.A.1.k) while it is listed as 2.3 lbs/year in the Fact Sheet (Section IV.C.viii(c)). The mercury loading limitation was calculated as 2.259 lbs/year and was rounded up to 2.3 lbs/year. Therefore, the typographical error in the Limitations and Discharge Requirements is corrected to 2.3 lbs/year to match the correct effluent limit discussed in the Fact Sheet.
2. In TSO R5-2010-0115, the units for N-nitrosodimethylamine are incorrect in the table in Finding 13, on page 4, and the table in Hereby Ordered item number 2, on page 5. The unit "ng/L" is a typographical error and is corrected to read "µg/L".
3. In TSO R5-2010-0115 the constituent, dibenzo(a,h)anthracene, is misspelled in the same tables described in #2, above. The spelling error "dibenzo(a,h)antracene" is corrected to "dibenzo(a,h)anthracene".

California Environmental Protection Agency



Additionally, there are four changes to the Monitoring and Reporting Program (Attachment E) which require Central Valley Water Board action to resolve possible permit-compliance determination issues. Clarification of these issues is provided below until a permit amendment can be considered by the Central Valley Water Board for adoption:

1. The Monitoring and Reporting Program (MRP) in Table E-3a, Effluent Monitoring, requires grab samples for ammonia, nitrate and nitrite. However, a 24-hour composite sample is required for Total Kjeldahl nitrogen (TKN). In order to calculate a total nitrogen concentration, the TKN sample must also be a grab sample. The MRP can not be changed without Central Valley Water Board approval, so our staff strongly recommends that SRCSD collect a grab sample for TKN until the MRP can be amended.
2. The MRP specifies the sample collection location for effluent total coliform organisms in Table E-3a, Effluent Monitoring as final dechlorinated effluent. Currently the sample is collected after chlorination and prior to dechlorination. This location is appropriate and similar to collection sites at many wastewater treatment plants. Central Valley Water Board staff recommends continued use of this collection location.
3. The MRP requires continuous monitoring for influent pH in Table E-2a, Influent Monitoring. SRCSD staff indicates that the pH monitoring equipment needs to be cleaned and calibrated three times a day or as needed. Therefore, Central Valley Water Board staff recommends grab samples whenever the continuous monitoring equipment is offline for 30 minutes or longer due to cleaning and calibration.
4. Order R5-2010-0114 does not include compliance determination language for the dissolved oxygen (DO), temperature and pH receiving water limits. Until the permit is amended, the compliance location for DO, temperature and pH will be receiving water monitoring location RSWD-003. Temperature measurements at receiving water location RSWU-001 will be considered the natural receiving water conditions for determining compliance with the temperature receiving water limitations.

Central Valley Water Board staff will prepare a tentative amendment addressing the above items for Central Valley Water Board consideration. Additional amendments that do not need immediate action (i.e., monitoring requirements for legacy compounds and dioxins and furans) will also be proposed. If you have any questions regarding this item, please contact Ms. Kathleen Harder at (916) 464-4778 or kharder@waterboards.ca.gov or Jim Marshall at (916) 464-4772 or jmarshall@waterboards.ca.gov.

ORIGINAL SIGNED BY

Pamela C. Creedon
Executive Officer

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