

Central Valley Regional Water Quality Control Board
16/17 April 2015 Board Meeting

Response to Comments
for the
Nevada County Sanitation District No. 1
Lake Wildwood Wastewater Treatment Plant
Tentative Waste Discharge Requirements

The following are Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) staff responses to comments submitted by interested parties regarding the tentative Waste Discharge Requirements (NPDES Permit) for Nevada County Sanitation District No. 1's Lake Wildwood Wastewater Treatment Plant, Nevada County.

The tentative NPDES Permit was issued for a 30-day public comment period on 21 January 2015 and comments were due 20 February 2015.

The Central Valley Water Board received comments regarding the tentative NPDES Permit by the due date from the following interested party:

- Central Valley Clean Water Association (CVCWA)

The submitted comments were accepted into the record, and are summarized below, followed by Central Valley Water Board staff responses.

CENTRAL VALLEY CLEAN WATER ASSOCIATION (CVCWA) COMMENTS

CVCWA, Comment No. 1.

CVCWA requests the following change to section VI.C.3.a. on page 14 of the proposed Order shown in underline/strikeout format, "The Discharger shall provide annual reports demonstrating the reasonable progress in the implementation of the salinity evaluation and minimization plan~~reduction of salinity in its discharge to Deer Creek.~~" on page 14 of the proposed Order. CVCWA contests that the proposed Order language implies that the Discharger must show reductions in salinity in order to comply with the minimization plan requirement rather than using the salinity plan as a tool to identify and develop measures to address salinity sources.

Response: Central Valley Water Board staff concurs and has modified the language as proposed.

CENTRAL VALLEY WATER BOARD STAFF (STAFF) CHANGES

Staff Change No. 1.

Central Valley Water Board staff removed “Number of UV banks in operation” and “UV Dose” parameters from Table E-7 Filtration System and UV Disinfection System Monitoring Requirements. These monitoring requirements were inadvertently included in the propose Order and are no longer required. Attachment E, Table E-7 Filtration System and UV Disinfection System Monitoring Requirements of the proposed Order was modified, as shown in ~~strikeout~~ format below, to remove the unnecessary monitoring requirements and associated footnote.

Table E-7 Filtration System and UV Disinfection System Monitoring Requirements

Parameter	Units	Sample Type	Monitoring Location	Minimum Sampling Frequency
Flow	MGD	Meter	UVS-001	Continuous ¹
Turbidity	NTU	Meter	FIL-001	Continuous ^{1,2}
Number of UV banks in operation	Number	Observation	N/A	Continuous⁴
UV Transmittance	Percent (%)	Meter	UVS-001	Continuous ¹
UV Dose³	mJ/cm²	Calculated	N/A	Continuous⁴
Total Coliform Organisms	MPN/100 mL	Grab	UVS-002	3/Week

¹ For continuous analyzers, the Discharger shall report documented routine meter maintenance activities including date, time of day, and duration, in which the analyzer(s) is not in operation. If analyzer(s) fail to provide continuous monitoring for more than two hours and influent and/or effluent from the disinfection process is not diverted for retreatment, the Discharger shall obtain and report hourly manual and/or grab sample results. The Discharger shall not decrease power settings or reduce the number of UV lamp banks in operation while the continuous analyzers are out of service and water is being disinfected.

² Report daily average and maximum turbidity.

~~³ Report daily minimum hourly average UV dose and daily average UV dose. The minimum hourly average dose shall consist of lowest hourly average dose provided in any channel that had at least one bank of lamps operating during the hour interval. For channels that did not operate for the entire hour interval, the dose will be averaged based on the actual operation time.~~

Staff Change No. 2.

Central Valley Water Board staff inadvertently excluded an Average Weekly Effluent Limit (AWEL) for nitrate plus nitrite of 20 mg/L. The Facility can meet the final AWEL for nitrate plus nitrite. Table 4. Effluent Limitations of the proposed Order was modified to include an AWEL for nitrate plus nitrite, as shown in part in underline/~~strikeout~~ format below and throughout the proposed Order as appropriate:

Table 4. Effluent Limitations

Parameter	Units	Effluent Limitations				
		Average Monthly	Average Weekly	Maximum Daily	Instantaneous Minimum	Instantaneous Maximum
Nitrate Plus Nitrite (as N)	mg/L	10	<u>20</u> --	--	--	--