

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

RESOLUTION NO. R5-2008-XXXX

AMENDING  
CEASE AND DESIST ORDER NO. R5-2005-0031  
FOR

CITY OF AUBURN  
WASTEWATER TREATMENT PLANT  
PLACER COUNTY

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

1. Waste Discharge Requirements (WDR) Order No. R5-2005-0030 (National Pollutant Discharge Elimination System (NPDES) Permit No. CA 0077712) was adopted on 17 March 2005, allowing a regulated flow of 1.67 million gallons per day (mgd) to Auburn Ravine, prescribing waste discharge requirements and providing a compliance schedule for the City of Auburn (hereafter Discharger) wastewater treatment plant.
2. WDRs Order No. R5-2005-0030 includes Effluent Limitations B.4. for aluminum, ammonia, chloroform, manganese, methyl tert butyl ether (MTBE), nitrites, nitrate-plus-nitrite, and organochlorine pesticides. Cease and Desist Order (CDO) No. R5-2005-0031 was adopted on 17 March 2005, providing a compliance schedule for final effluent limitations in Waste Discharge Requirement (WDR) Order No. R5-2005-0030 for these constituents by 1 December 2009.
3. The Discharger has completed WWTP operation modifications and source control measures to achieve compliance with ammonia, manganese, MTBE, and organochlorine pesticides final effluent limitations in WDR Order No. R5-2005-0030.
4. The Discharger has completed preliminary design and is preparing to continue with final design of an onsite WWTP upgrade project, including ultraviolet disinfection and advanced biological nutrient removal, which is proposed to achieve compliance with final effluent limitations for aluminum, chloroform, nitrites and nitrate-plus-nitrite, as contained in Effluent Limitations Section B.4. of WDR Order No. R5-2005-0030, which states in part:

The effluent shall not exceed the following limitations (from 1 December 2009 forward):

<u>Constituents</u>	<u>Units</u>	<u>Average Monthly</u>	<u>Average 4-Day</u>	<u>Average Daily</u>	<u>Instantaneous Maximum</u>
Aluminum <sup>1</sup>	ug/L	71	--	140	--
	lbs/day <sup>2</sup>	0.99	--	2.0	--
Chloroform	ug/L	1.1	--	--	--
	lbs/day	0.015	--	--	--
Nitrite (as N)	mg/L	1	--	--	--
	lbs/day	14	--	--	--
Nitrate + Nitrite (as N)	mg/l	10	--	--	--
	lbs/day	140	--	--	--

<sup>1</sup> Acid-soluble or total

<sup>2</sup> Based on design treatment capacity of 1.67 mgd,  $[(x \text{ ug/l})(1 \text{ mg}/1000 \text{ ug})(8.345)(1.67 \text{ mgd}) = y \text{ lbs/day}]$

<sup>5</sup> The mass limit (lbs/day) shall be equal to the concentration limit (from corresponding Attachment, for corresponding period) multiplied by the design flow of 1.67 mgd and the unit conversion factor 8.345 and divided by 1000 ug/mg (see footnote 1 for equation)

5. The Discharger has prepared and submitted an Initial Study and Mitigated Negative Declaration for the proposed WWTP upgrades to the State Clearing House and is continuing to complete the California Environmental Quality Act (CEQA) process for the project.
6. The City of Auburn and other wastewater treatment agencies in Nevada and Placer Counties have been considering joint construction of a regional wastewater collection system to transport untreated wastewater to the existing City of Lincoln regional wastewater treatment plant (WWTP). Portions of the regional collection system have been constructed from the City of Lincoln regional WWTP to the surrounding areas of Rocklin. However, construction of additional stretches of pipeline is necessary to transport the City of Auburn's wastewater to the regional facility for treatment and disposal. The Discharger is considering either to upgrade the existing WWTP to comply with all existing effluent limitations, or participate in the regionalization project and decommission its existing treatment facility, thus ceasing its current surface water discharge. Full cost and design details for the City of Auburn's portion of the regionalization project are not yet complete. Therefore, the Discharger is requesting additional time to determine whether it will pursue upgrading the existing treatment plant or participating in the regionalization project.
7. The Discharger submitted a letter dated 28 September 2007 letter requesting an extension to the compliance schedule for aluminum, chloroform, nitrites and nitrate-plus-nitrite effluent limitations to allow additional time for completion of either existing plant upgrades or implementation of regionalization. The Discharger has requested that the compliance date in

Provision 2 of CDO No. R5-2005-0031 for aluminum, chloroform, nitrite, and nitrate-plus-nitrite effluent limitations be extended three months (to a full five year term) from 1 December 2009 to 16 March 2010. In addition, Regional Water Board staff met with the Discharger on 8 November 2007 to discuss its request.

8. The Regional Water Board has considered the Discharger's request and determined that an extension of the compliance schedule included in Provision 2 of the CDO No. R5-2005-0031 for aluminum, chloroform, nitrites and nitrite-plus-nitrate, from 1 December 2009 to 16 March 2010, is reasonable and appropriate.
9. The action to adopt or amend an enforcement action for an existing facility is exempt from the provisions of Chapter 3 of Division 13 of the Public Resources Code in accordance with Section 13389 of the California Water Code.
10. The Regional Water Board has notified the Discharger and interested agencies and persons of its intent to amend the CDO for this discharge and has provided them with an opportunity to submit written comments and recommendations.
11. The Regional Water Board, in a public meeting, heard and considered all comments pertaining to the proposed amendments.
12. This Resolution shall amend CDO No. R5-2005-0031, pursuant to Section 402 of the Clean Water Act, and any amendments thereto, and provided shall take effect upon the date of the hearing, provided the U.S. Environmental Protection Agency has no objections.

**IT IS HEREBY ORDERED THAT:**

1. Provision 2 of Cease and Desist Order No. R5-2005-0031 is amended to read as follows:

The City of Auburn shall comply with the following time schedule to assure compliance with the aluminum, ammonia, chloroform, manganese, methyl tert butyl ether (MTBE), nitrite, nitrate +nitrite, and organochlorine pesticides Effluent Limitations contained in Waste Discharge Requirements Order No. R5-2005-0030:

<u>Task</u>	<u>Compliance Date</u>
Progress Report/Implementation Schedule	<b>1 September 2005</b>
Submit Pollution Prevention Plan (PPP) <sup>1</sup>	<b>1 December 2005</b>

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<u>Task</u>	<u>Compliance Date</u>
Implement PPP Progress Reports <sup>2</sup>	<b>1 February 2008</b> <b>1 March and 1 September</b> <b>of each year</b>
Achieve Full Compliance with ammonia, manganese, MTBE, and organochlorine pesticides final effluent limitations	<b>1 December 2009</b>
Achieve Full Compliance with aluminum, chloroform, nitrite, and nitrate-plus-nitrite final effluent limitations	<b>16 March 2010</b>

<sup>1</sup> The Pollution Prevention Plan shall be prepared and implemented for all constituents listed above and shall meet the requirements specified in California Water Code Section 13263.

<sup>2</sup> The progress reports shall detail what steps have been implemented towards achieving compliance with waste discharge requirements, including construction progress, evaluate the effectiveness of the implemented measures and assess whether additional measures are necessary to meet the time schedule.

The City of Auburn, its agents, successors and assigns, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Clean Water Act and regulations and guidelines adopted thereunder, shall comply with amended Order No. R5-2005-0031.

I, PAMELA C. CREEDON, 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 XX January 2008.

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PAMELA C. CREEDON, Executive Officer