

**California Regional Water Quality Control Board  
Santa Ana Region**

**RESOLUTION NO. R8-2013-0044**

Resolution Approving the Comprehensive Nutrient Reduction Plan  
Submitted Pursuant to the National Pollutant Discharge Elimination System (NPDES) Permit  
and Waste Discharge Requirements for the Riverside County Flood Control and Water  
Conservation District, the County of Riverside, and the Incorporated Cities of Riverside County  
within the Santa Ana Region, Order No. R8-2010-0033,  
NPDES No. CAS618033

**WHEREAS**, the California Regional Water Quality Control Board, Santa Ana Region  
(hereinafter Regional Board), finds that:

1. An updated Water Quality Control Plan for the Santa Ana River Basin (Basin Plan) was adopted by the Regional Board on March 11, 1994, approved by the State Water Resources Control Board (SWRCB) on July 21, 1994 and approved by the Office of Administrative Law on January 24, 1995.
2. Amendments to the Basin Plan to incorporate Lake Elsinore and Canyon Lake Nutrient Total Maximum Daily Loads (TMDLs) were approved by the Regional Board on December 20, 2004, by the State Water Resources Control Board on May 19, 2005, by the Office of Administrative Law on July 26, 2005 and by the US Environmental Protection Agency on September 30, 2005.
3. The Lake Elsinore and Canyon Lake Nutrient TMDLs were developed in accordance with Clean Water Act Section 303(d) and Water Code Section 13240 *et seq.* The TMDLs are incorporated in Chapter 5 "Implementation", of the Basin Plan.
4. The Lake Elsinore and Canyon Lake Nutrient TMDLs (Nutrient TMDLs) specifies final numeric targets to be met by 2020 for total phosphorus and total nitrogen for both Lake Elsinore and Canyon Lake. Control of nitrogen and phosphorus is needed to ensure compliance with relevant numeric and narrative water quality objectives specified in the Basin Plan, including those pertaining to excessive algae growth and dissolved oxygen.
5. The Nutrient TMDLs specify interim and final response numeric targets for chlorophyll a and dissolved oxygen for both Lake Elsinore and Canyon Lake. These response numeric targets provide a method to track improvements in water quality resulting from reduction in the loading of nitrogen and phosphorus. Interim targets are to be met by 2015; final targets are to be met by 2020.
6. The Nutrient TMDLs specify final TMDLs, wasteload allocations for point source discharges (WLA), load allocations for nonpoint source discharges (LA) for total phosphorus and total nitrogen for Lake Elsinore and Canyon Lake.
7. The Lake Elsinore/Canyon Lake Nutrient TMDLs require Riverside County municipal separate sewer system (MS4) dischargers to comply with the nitrogen and phosphorus wasteload allocations (WLAs) by December 31, 2020. The WLAs are expressed as a 10-year running average.

8. Specific co-permittees within the Santa Ana Region and Riverside County are required to comply with the Lake Elsinore/Canyon Lake TMDLs, including Riverside County Flood Control and Water Conservation District (RCFCD), the County of Riverside, and the cities of Riverside, Lake Elsinore, Canyon Lake, Hemet, San Jacinto, Perris, Moreno Valley, Murrieta, Menifee, Wildomar and Beaumont.
9. On January 29, 2010, the Regional Board adopted a revised National Pollutant Discharge Elimination System (NPDES) Permit and Waste Discharge Requirements for the municipal separate storm sewer system of specified Riverside County municipalities within the Santa Ana Region (Order No. R8-2010-0033, NPDES No. CAS618033) (MS4 permit).
10. Lake Elsinore/Canyon Lake Nutrient TMDL requirements were incorporated into the revised MS4 permit.
11. Section VI.D.2.d. of the MS4 permit requires the co-permittees to prepare a Comprehensive Nutrient Reduction Plan (CNRP) designed to achieve compliance with the urban wasteload allocation and the septic system load allocation specified in the TMDLs. Upon Regional Board approval of the CNRP, the CNRP serves as the final Water Quality Based Effluent Limit (WQBEL) for nutrients in the MS4 permit.
12. On December 30, 2011, RCFCD and the Co-Permittees submitted a draft CNRP, in accordance with the Riverside County MS4 permit. Regional Board staff reviewed the draft CNRP and on March 30, 2012, provided comments to RCFCD and the Co-Permittees.
13. On June 28, 2012, RCFCD and the Co-Permittees submitted a revised CNRP. Based upon further analysis conducted by the RCFCD and the Co-Permittees, a revised Final CNRP dated January 28, 2013 was submitted. The Regional Board has reviewed the revised CNRP and finds that it complies with the requirements outlined in the MS4 permit. Provided that it is implemented appropriately and in a timely manner, the CNRP provides reasonable assurance that the Lake Elsinore and Canyon Lake nutrient urban/septic system allocations will be achieved in accordance with the schedules identified in the MS4 permit and the Nutrient TMDLs.

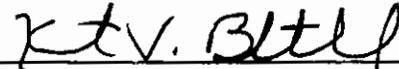
**NOW, THEREFORE, BE IT RESOLVED THAT:**

1. The Regional Board approves the CNRP and associated schedule for implementation as submitted by RCFCD and the Co-Permittees on January 28, 2013.
2. For the purposes of the MS4 permit, the Riverside County CNRP will serve as the final Water Quality Based Effluent Limitations for nutrients discharged to Lake Elsinore and Canyon Lake.
3. The CNRP shall be implemented immediately upon approval.
4. RCFCD, the County of Riverside, and the Cities of Riverside, Lake Elsinore, Canyon Lake, Hemet, San Jacinto, Perris Moreno Valley, Murrieta, Menifee, Wildomar and

Beaumont are in compliance with Section VI.D.2.d. of the Riverside County MS4 permit, provided that the CNRP is implemented in a timely manner.

5. Based upon completion of the tasks and activities described in the CNRP, and analysis of BMP effectiveness, the CNRP shall be updated as specified in the CNRP.
6. The Regional Board's Executive Officer is hereby delegated authority to approve subsequent revisions to the CNRP plans and schedule. The updated CNRP shall be implemented upon approval by the Executive Officer.

I, Kurt V. Berchtold, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of a resolution adopted by the California Regional Water Quality Control Board, Santa Ana Region, on July 19, 2013.



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Kurt V. Berchtold  
Executive Officer