

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

March 22, 2013

Resolution No. R8-2013-0019

**Resolution Accepting the Final Emerging Constituent Sampling Program
Results for 2012**

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

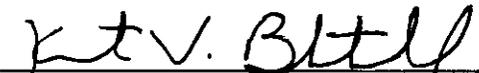
1. Wastewater and water supply stakeholders within the Santa Ana River watershed proactively formed an Emerging Constituent Workgroup (EC Workgroup) to develop an Emerging Constituent (EC) sampling and characterization program in anticipation of EC regulatory requirements and to increase knowledge of ECs within source waters in the Santa Ana Region.
2. On December 10, 2009, the Regional Water Board approved the EC Workgroup proposed voluntary sampling and characterization program (Resolution No. R8-2009-0071). The sampling program consisted of samples collected and analyzed for thirteen ECs that represented surrogates for groupings of ECs of particular concern. In 2010, the EC Workgroup transitioned into the larger multi-agency Emerging Constituent Program Task Force. In 2012, two additional ECs were added to the sampling program.
3. The EC Program Task Force conducted annual EC sampling of the following waters: twenty-two wastewater effluents; imported water from two of the Metropolitan Water District of Southern California aqueducts; and ambient water samples from two Santa Ana River sites in the upper Santa Ana watershed. Sampling was conducted in 2010, 2011 and 2012.
4. Annual Sampling and Analysis Reports were submitted December 2010, 2011 and 2012. Board staff have reviewed those reports and find they conform to the Regional Water Board approved sampling program.
5. ECs were detected at many of the sampling locations at extremely low concentrations. Where detected, the ECs were at concentrations consistent with other studies that demonstrated that at the detected concentrations, no adverse health effects were to be expected.
6. On January 22, 2013, the State Water Board revised the Recycled Water Policy to include Chemicals of Emerging Concern (CEC) monitoring requirements for planned and intentional recharge recycled water projects. The list of eight required CEC monitoring constituents includes six ECs monitored by the EC Program Task Force. The revisions to the Recycled Water Policy will become effective upon approval by the California Office of Administrative Law.

7. Two of the CECs on the State Water Board's list of required CECs to be monitored have not previously been monitored by the EC Program Task Force. The EC Program Task Force has proposed to conduct monitoring for these two CECs in 2013. An updated sampling and analysis plan will be submitted.
8. Periodic monitoring of the presence of CECs is appropriate in the Santa Ana Watershed given the extent to which recycled water and imported waters are used to recharge groundwater supplies.
9. If the Executive Officer determines a need to specify additional EC monitoring or requirements, the EC Program Task Force may reconvene to work with the Regional Board staff to address such requirements.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Regional Water Board acknowledges and accepts the 2012 Sampling Report for Emerging Constituent in the Santa Ana Region as submitted by the EC Program Task Force. The Regional Board recognizes that this report serves as the final, agreed-upon report by EC Program Task Force.
2. The EC Program Task Force has provided useful data and information on ECs within wastewater effluent, the Santa Ana River and imported waters in the Santa Ana Region.
3. The EC Program Task Force proposal to conduct additional EC sampling in 2013 is approved. An updated Sampling and Analysis Plan should be submitted by May 31, 2013.
4. In compliance with the revised Recycled Water Policy, CEC monitoring will be incorporated into waste discharge requirements for recycled water groundwater recharge projects.

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 March 22, 2013.


Kurt V. Berchtold
Executive Officer