

**STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 2023-0009**

AUTHORIZING THE DEPUTY DIRECTOR OF THE DIVISION OF FINANCIAL  
ASSISTANCE AND DEPUTY DIRECTOR'S DESIGNEE TO EXECUTE AND AMEND  
FUNDING AGREEMENTS FOR WATER RECYCLING RESEARCH AND  
DEVELOPMENT

WHEREAS:

1. California's August 2022 "Water Supply Strategy, Adapting to a Hotter, Drier Future" (hereafter, Water Supply Strategy) projects that the hotter and drier weather could diminish California's existing water supply by up to 10% by 2040;
2. The Water Supply Strategy establishes new 2030 and 2040 goals for water conservation, the production and use of recycled water, brackish groundwater and seawater desalination, and stormwater capture and use as well as specific implementation actions to ensure California has the water needed for generations to come;
3. The Water Supply Strategy sets goals of recycling at least 800,000 acre-feet of water per year by 2030 and 1.8 million acre-feet by 2040, with most of that additional recycling involving re-directing wastewater discharges that are now going to the ocean;
4. The Water Supply Strategy directs the State Water Board to convene a strike team to identify and resolve permitting and funding obstacles for recycled water projects. The first meeting of the strike team was held on January 31, 2023. The strike team will identify milestones for planned recycled water projects and track progress towards meeting the goals of the Water Supply Strategy;
5. On February 3, 2009, the State Water Board adopted the Policy for Water Quality Control for Recycled Water (Recycled Water Policy) ([Resolution No. 2009-0011](#));
6. On December 11, 2018, the Recycled Water Policy was amended ([Resolution No. 2018-0057](#)) to specify and update the requirements for monitoring constituents of emerging concern (CECs) in recycled water consistent with the advancements in recycled water use, regulations, and research;
7. The State Water Board recognizes that recycled water is critical to California's water supply and is implementing the Recycled Water Policy, streamlining permitting for recycled water projects, and identifying and funding the highest priority research needs to ensure the state's recycled water goals are achieved;

8. The Costa-Machado Water Act of 2000 (Proposition 13), the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1), and California Drought, Water, Parks, Climate, Coastal Protection, Outdoor Protection for All Act of 2018 (Proposition 68) authorized funding for water recycling research and development pursuant to Water Code sections 79135 et seq. and 79765 et seq.;
9. Water Code section 79144 specifically authorizes the State Water Board to undertake plans, surveys, research, development, studies, and reports on the collection, treatment, and disposal of waste and on wastewater recycling;
10. The State Water Board may dedicate up to three percent of the Propositions 13, 1, and 68 funding as well as up to three percent of the construction loan repayments to recycled water research and development as set forth in section 79144 of the Water Code;
11. The appropriation balance of Proposition 13, 1, and 68 funds are sufficient to fund agreements authorized by this resolution;
12. State Water Board staff consults with members of the scientific and recycled water communities, including representatives of wastewater, stormwater, and drinking water entities, as well as California communities using or proposing to use recycled water, to identify and prioritize research needed to promote the production, use, and acceptance of recycled water in California;
13. State Water Board adopted [Resolution No. 2016-0061](#), stating its support for the use of recycled water by providing funding for research to fill critical knowledge gaps;
14. There is a continued need for research to enhance the understanding and acceptability of all types of water reuse in California. Research needs may include, but are not limited to, research to support the development of potable reuse projects, developing bioanalytical tools, developing methods to analyze a range of unknown constituents (non-targeted analytical tools), monitoring and treatment of pathogens, monitoring and treatment of CECs, evaluating CECs for their impact on human health and the aquatic environment, and concentrate management; and
15. State Water Board adopted [Resolution No. 2017-0034](#) authorizing the Deputy Director of DFA and the Deputy Director's designee to award and execute Proposition 13 and Proposition 1 grant agreements and amendments for recycled water research and development projects included in the Water Recycling Research and Development Funding List. Resolution No. 2017-0034 also authorized the Deputy Director to add to or modify the Water Recycling Research and Development Funding List.

THEREFORE BE IT RESOLVED THAT:

1. The State Water Board authorizes the Deputy Director of Division of Financial Assistance and the Deputy Director's designee to execute and amend Proposition 13, Proposition 1, and Proposition 68 grant agreements for recycled water research and development to the extent funds are available and appropriated, and not to exceed the maximum allowed by Proposition 13, Proposition 1, and Proposition 68, and to do all things necessary and convenient to carry out this authorization.
2. The State Water Board directs Division of Water Quality staff to consult with members of the scientific and recycled water communities, including representatives of wastewater, stormwater, and drinking water entities, as well as California communities using or proposing to use recycled water, to identify and prioritize research needed to promote the production, use, and acceptance of recycled water in California.
3. This resolution supersedes Resolution No. 2017-0034.

**CERTIFICATION**

The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on April 18, 2023.

AYE: Chair E. Joaquin Esquivel  
Vice Chair Dorene D'Adamo  
Board Member Sean Maguire  
Board Member Nichole Morgan  
NAY: None  
ABSENT: Board Member Laurel Firestone  
ABSTAIN: None

  
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Courtney Tyler  
Clerk to the Board