

**STATE WATER RESOURCES CONTROL BOARD
BOARD MEETING SESSION – DIVISION OF WATER QUALITY
APRIL 5, 2011**

ITEM 5

SUBJECT

CONSIDERATION OF A PROPOSED RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR OR DESIGNEE TO NEGOTIATE, EXECUTE, AND AMEND, AS NECESSARY, A CONTRACT TO EVALUATE AND REFINE BIOANALYTICAL SCREENING TECHNIQUES FOR CONSTITUENTS OF EMERGING CONCERN IN RECYCLED WATER

DISCUSSION

The State Water Resources Control Board (State Water Board) adopted the Recycled Water Policy on February 3, 2009. This policy required the establishment of a scientific advisory panel to provide recommendations for monitoring constituents of emerging concern in recycled water. The CEC Advisory Panel met in 2009-2010 and issued their final report on June 25, 2010. The final report provides recommendations for additional research, including the development of bioanalytical screening techniques for screening for constituents of emerging concern that have toxicological effects. The bioanalytical screening techniques would evaluate the effects the sampled recycled water has on certain molecules within cells to identify specific toxicological effects.

The Costa-Machado Water Act of 2000 (also known as Proposition 13 or the Safe Drinking Water, Clean Water, Watershed Protection, and Flood Protection Act) established the Water Recycling Subaccount, and authorizes the State Water Resources Control Board (State Water Board) to use a portion of it, not to exceed 3 percent of the total amount deposited in the subaccount, to fund water recycling research. Funds are available within the subaccount to fund this research on bioanalytical screening techniques. The cost of the research would be no more than \$800,000. Because the amount of the contract is over \$500,000, this expenditure must be approved by the State Water Board through a resolution.

POLICY ISSUE

None

FISCAL IMPACT

The resolution authorizes an expenditure of up to \$800,000 from the Water Recycling Subaccount. Funds are available within the sub-account to support this expenditure.

REGIONAL BOARD IMPACT

None

STAFF RECOMMENDATION

Staff recommends that the State Water Resources Control Board approve the proposed resolution.

State Water Board action on this item will assist the Water Boards in reaching Goals 2, 3, and 6 of the Strategic Plan Update: 2008-2012. Goal 2 is to improve and protect groundwater quality in high-use basins by 2030. Goal 3 is to promote sustainable water supplies. Goal 6 is to enhance consistency across the Water Boards, on an ongoing basis.

DRAFT

STATE WATER RESOURCES CONTROL BOARD RESOLUTION NO. 2011-

AUTHORIZING THE EXECUTIVE DIRECTOR TO NEGOTIATE, EXECUTE, AND AMEND,
AS NECESSARY, A CONTRACT TO EVALUATE AND REFINE BIOANALYTICAL
SCREENING TECHNIQUES FOR CONSTITUENTS OF EMERGING CONCERN IN
RECYCLED WATER

WHEREAS:

1. The State Water Resources Control Board (State Water Board) adopted a Recycled Water Policy on February 3, 2009.
2. The Recycled Water Policy required the establishment of a scientific advisory panel to provide recommendations for monitoring constituents of emerging concern in recycled water.
3. The Constituents of Emerging Concern Advisory Panel met during 2009-2010 and issued their final report on June 25, 2010.
4. This final report provides recommendations for additional research, including the development of bioanalytical screening techniques for constituents of emerging concern in recycled water.
5. The Costa-Machado Water Act of 2000 (Wat. Code §79000 et seq.) established the Water Recycling Subaccount, and authorizes the State Water Resources Control Board (State Water Board) to use a portion of it, not to exceed 3 percent of the total amount deposited in the subaccount, to fund water recycling research. Funds are available within the subaccount to fund this research on bioanalytical screening techniques.
6. The cost of the contract would be no more than \$800,000.

THEREFORE BE IT RESOLVED THAT:

The State Water Resources Control Board authorizes the Executive Director or his designee to negotiate, execute, and amend, as necessary, a contract to evaluate and refine bioanalytical techniques for screening for constituents of emerging concern in recycled water, for an amount not to exceed \$800,000.

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 5, 2011.

Jeanine Townsend
Clerk to the Board