

**STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 2016-0014**

AUTHORIZING THE EXECUTIVE DIRECTOR OR DESIGNEE TO ENTER INTO A  
CONTRACT WITH UNITED STATES GEOLOGICAL SURVEY TO PROVIDE  
SERVICES IN DEVELOPING INTEGRATED HYDROLOGIC SURFACE WATER-  
GROUNDWATER MODELS FOR THE RUSSIAN RIVER WATERSHED

WHEREAS:

1. The State Water Resources Control Board's (State Water Board) mission is to preserve, enhance and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations. The State Water Board is also responsible for the protection of resources, such as fisheries, wildlife, aesthetics, and navigation, which are held in trust for the public;
2. The State Water Board is working on various efforts related to the interaction of surface water and groundwater throughout California, including its work related to the [Sustainable Groundwater Management Act](#) and the [California Water Action Plan](#). These specific efforts in the Russian River watershed share the common goal of sustainable water management for beneficial uses and public trust resources. The State Water Board intends to contract with the United States Geological Survey to develop models and associated tools to assess the combined effects of groundwater pumping and surface water diversions and study the effects of variability in climate, geology, biota, and human activities on water availability and environmental flow in the Russian River watershed. This is a joint effort with the Sonoma County Water Agency. This contract will support State Water Board efforts related to groundwater sustainability and instream flows; and
3. Delegation of this authority to the Executive Director or designee will allow the Executive Director or designee to enter into a contract with the United States Geological Survey for research and technical assistance in developing an integrated hydrologic surface water-groundwater model and associated tools to assess the potential combined effects of surface water and groundwater diversions on water resources in the Russian River watershed.

THEREFORE BE IT RESOLVED THAT:

The State Water Board authorizes the Executive Director or designee to execute a contract and authorize expenditures of up to \$1.2 million for contract services with the United States Geological Survey, for a term of five years, for the development of modeling resources and associated tools for the Russian River Watershed.

**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 March 15, 2016.

AYE: Chair Felicia Marcus  
Vice Chair Frances Spivy-Weber  
Board Member Tam M. Doduc  
Board Member Steven Moore  
Board Member Dorene D'Adamo

NAY: None

ABSENT: None

ABSTAIN: None

  
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Jeanine Townsend  
Clerk to the Board