

CORRECTED*
STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 2018-0016

AUTHORIZING THE EXECUTIVE DIRECTOR TO COMMIT UP TO \$2 MILLION TO CONTRACT NO. 16-069-300 (HYDROLOGY DEVELOPMENT CONTRACT) BETWEEN THE STATE WATER RESOURCES CONTROL BOARD AND PARADIGM ENVIRONMENTAL

WHEREAS:

1. The State Water Resources Control Board's (State Water Board's) 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. Under Action 4 of the California Water Action Plan (WAP), the State Water Board and California Department of Fish and Wildlife are working to enhance flow in at least five streams statewide. As part of this and other similar efforts, the State Water Board is considering how any additional instream flows necessary to protect public trust resources may impact other beneficial uses of water;
3. The State Water Board is currently in year 2 of Contract No. 16-069-300 (Hydrology Development Contract), a three-year, \$750,000 contract with Paradigm Environmental to develop hydrology models for the Shasta River and South Fork Eel River, two of the five stream systems selected for the WAP effort;
4. Amendment to the contract with Paradigm Environmental is necessary to develop models for surface water-groundwater interaction and water temperature in the Shasta River and South Fork Eel River. The amendment to the contract will also allow Paradigm Environmental to provide assistance to State Water Board staff to ensure technical aspects of the models are communicated appropriately. The State Water Board will use these models and associated tools to study the effects of variability in climate, geology, biota, and human activities on water availability and environmental flow in the two watersheds. The development of surface water-groundwater interaction and water temperature models will provide a more accurate assessment of the benefits and impacts of potential watershed management actions on fish habitat, existing water users, and other beneficial uses. Similar to other modeling projects associated with this WAP effort, State Water Board staff will provide interested parties with an opportunity to review and comment on the draft study plans for these models;
5. The amendments would require: (a) commitment of up to a total of \$2 million; and (b) extension of the contract term to five years; and
6. Certain actions in the contract amendment and implementation are appropriate for redelegation by the Executive Director.

*Correction: Contract No. was incorrect.

THEREFORE BE IT RESOLVED THAT:

The State Water Board authorizes the Executive Director:

- 1) To amend Contract No. 16-069-300 to extend the period of the contract for up to five (5) years and to increase the contract amount up to \$2 million for the purposes of temperature modeling and enhanced analysis of groundwater and surface water interactions, including support with communicating technical aspects of the models, provided the contract funds are encumbered and expended in accordance with Government Code section 16304.
- 2) To perform all the acts and implement all measures necessary to fulfill the objectives of this amended contract.
- 3) To redelegate this authority, as appropriate.

CERTIFICATION

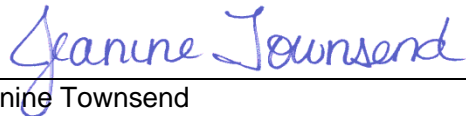
The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on April 3, 2018.

AYE: Chair Felicia Marcus
Vice Chair Steven Moore
Board Member Tam M. Doduc
Board Member Dorene D'Adamo
Board Member E. Joaquin Esquivel

NAY: None

ABSENT: None

ABSTAIN: None



Jeanine Townsend
Clerk to the Board