

**STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 2017-0014**

AUTHORIZING THE EXECUTIVE DIRECTOR OR DESIGNEE TO ENTER INTO A CONTRACT WITH STOCKHOLM ENVIRONMENT INSTITUTE TO PROVIDE SERVICES TO THE STATE WATER RESOURCES CONTROL BOARD RELATED TO THE DEVELOPMENT OF WATER EVALUATION AND PLANNING SYSTEM MODELS TO EVALUATE INSTREAM FLOWS FOR STREAMS THROUGHOUT CALIFORNIA

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. In furtherance of this mission, the State Water Board exercises authority over all California's waters, including both surface water and groundwater. 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 multiple efforts to protect public trust resources, often focused on threatened and endangered fish species throughout California. Examples of such efforts include the following: adoption and implementation of the [Policy for Maintaining Instream Flows in Northern California Coastal Streams](#) (effective February 4, 2014); adoption and implementation of the [Russian River Frost Protection Regulations](#) (effective March 15, 2015); work to enhance flow in five streams statewide under Action 4 of the [California Water Action Plan](#) (January 22, 2014); [development of principles and guidelines for cannabis cultivation](#) to ensure effects of water diversion and discharge associated with cannabis cultivation do not affect natural flow variability and instream flows needed for fish; and updates to the 2006 [Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary](#);
3. As part of these 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 (e.g., domestic use and irrigation). The State Water Board intends to contract with Stockholm Environment Institute to use the Water Evaluation and Planning (WEAP) software platform for its instream flow related efforts, including work under Action 4 of the California Water Action Plan to [enhance flow in five streams statewide](#) that support critical habitat for anadromous fish. Stockholm Environment Institute is the non-profit organization that created the WEAP model. The contract will focus on the development of WEAP models for priority watersheds throughout the state; and
4. Delegation of this authority to the Executive Director or designee will allow the Executive Director or designee to enter into a contract with Stockholm Environment Institute for technical assistance to the State Water Board in the development and application of hydrologic, water allocation, and water right models for streams throughout California.

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 \$2 million for contract services with the Stockholm Environment Institute, for a term of up to five (5) years for technical assistance in the development and application of hydrologic, water allocation, and water right models for streams throughout California.

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 21, 2017.

AYE: Chair Felicia Marcus
Vice Chair Steven Moore
Board Member Tam M. Doduc
NAY: None
ABSENT: Board Member Dorene D'Adamo
ABSTAIN: None



Jeanine Townsend
Clerk to the Board