

**STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 2008-0051**

ALLOCATE \$355,000 FROM THE CLEANUP AND ABATEMENT ACCOUNT (CAA)  
FOR THE BIG SPRINGS CREEK RESTORATION ASSESSMENT TO IMPROVE THE  
SALMONID REARING HABITAT IN THE SHASTA RIVER IN SISKIYOU COUNTY

WHEREAS:

1. Funds in the amount of \$ 355,000 are needed for the Big Springs Creek Restoration Assessment to support an intensive, nine-month investigation of Big Springs Creek that will document baseline conditions and guide the design and the implementation of restoration strategies;
2. Big Springs Creek is located in the middle reaches of the Shasta River. This spring-fed river was once one of the most prolific salmonid-producers in the Klamath watershed. However, the salmonid stocks of the Shasta River are now well below historic numbers, including the federal and state-listed coho salmon. This creek used to provide more than half of the annual average runoff for the basin and provided critical year-round base flow: providing cold water contributions during the summer and warm contributions during winter. The flows from Big Springs Creek were also rich in geologically-derived nitrogen and phosphorous, fueling unusually productive food webs. The salmonid decline is due, in part, to the discharge of high-temperature irrigation return flows into Big Springs Creek, resulting from poor irrigation and land use practices on adjoining lands;
3. The funds will support an intensive, nine-month investigation of Big Springs Creek that will document baseline conditions and guide the design and implementation of restoration strategies including measures to abate the water quality effects of high-temperature irrigation return flows. The work will consist of a suite of baseline assessments and feasibility studies to determine how to achieve their restoration goals. These studies will include the characterization and quantification of flow and salmonid habitat within Big Springs Creek, water temperature, water quality and its influence on the habitat, habitat usage, aquatic food web dynamics, and fish assemblages. The studies will also identify alternatives for future restoration efforts; and
4. The requested allocation is consistent with the purposes of California Water Code §13442. Section 13442 provides that the State Water Resources Control Board (State Water Board) may order moneys to be paid from CAA to a public agency with authority to cleanup or abate the effects of a waste in order “to assist in cleaning up the waste or abating its effects on waters of the state.”

THEREFORE BE IT RESOLVED THAT:

The State Water Board:

1. Approves the allocation of funds of \$355,000 from the CAA the Big Springs Creek Restoration Assessment to support salmonids in the Shasta River in Siskiyou County;
2. Authorizes the Executive Director or designee to negotiate, execute, and amend contracts for the Big Springs Creek Restoration Assessment; and
3. Approves the funds for use until June 30, 2010. Any unexpended funds, as of June 30, 2010, shall revert to CAA, unless the Executive Director or designee authorizes an extension.

### CERTIFICATION

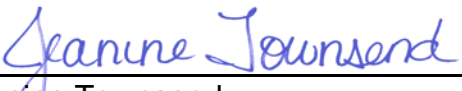
The undersigned, Clerk to the Board, does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Board held on July 15, 2008.

AYE: Chair Tam M. Doduc  
Vice Chair Gary Wolff, P.E., Ph.D  
Arthur G. Baggett, Jr.  
Charles R. Hoppin  
Frances Spivy-Weber

NAY: None

ABSENT: None

ABSTAIN: None

  
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Jeanine Townsend  
Clerk to the Board