



**Delta  
Stewardship  
Council**

A CALIFORNIA STATE AGENCY

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June 18, 2025

David M. Mooney  
Manager, Bay Delta Office  
U.S. Bureau of Reclamation  
801 I Street, Sacramento, CA 95814

## **RE: Independent Peer Review of HEC-ResSim Water Temperature Simulation Model**

Dear Dr. Mooney,

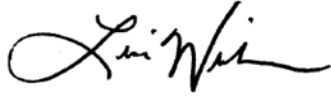
The Delta Stewardship Council's Delta Science Program is pleased to announce the completion of the independent scientific peer review of the HEC ResSim Water Temperature Model Platform. The Panel members have completed their report, and the courtesy copy is attached to this email.

Next steps include adding the final, accessible document to our website (<https://deltacouncil.ca.gov/delta-science-program/hec-ressim-water-temperature-independent-peer-review>) and sending a Delta Stewardship Council listserv announcement in late June.

The Panel members responded to Charge questions aligned with their respective expertise. They provide recommendations regarding the model documentation's completeness, the theoretical basis of the model, potential spatial or temporal biases, and whether test studies were effectively used to validate the model.

If there are questions about the final report please contact Ash Zemenick, Senior Environmental Scientist, at [reviewadvice@deltacouncil.ca.gov](mailto:reviewadvice@deltacouncil.ca.gov).

Sincerely,



Lisamarie Windham-Myers, Ph.D.  
Lead Scientist, Delta Science Program  
Delta Stewardship Council

List of Attachments:

HEC ResSim Water Temperature Independent Peer Review Report

Cc (via email):

Ryan Lucas, U.S. Bureau of Reclamation

Rachael Klopfenstein, Delta Stewardship Council – Delta Science Program

Ash Zemenick, Delta Stewardship Council – Delta Science Program