

Regional Water Quality Control Board  
North Coast Region

Executive Officer's Summary Report  
Thursday, June 29, 2017  
Regional Water Board Office  
Santa Rosa, California

**ITEM:** 4

**SUBJECT:** Update on the Shasta River Watershed Stewardship Report (*Eli Scott and Clayton Creager*)

**BOARD ACTION:** This is an informational item. No action will be taken by the Regional Water Board.

**BACKGROUND:** The implementation of the Shasta River TMDL Action Plan (Action Plan) has been underway since its adoption by the Regional Water Board on June 29, 2006. Activities in the watershed aimed at compliance with the Action Plan and the associated Shasta River TMDL Conditional Waiver have been aimed at improving water quality, specifically with respect to temperature loading and dissolved oxygen conditions within the watershed. Adaptive management of the Shasta River watershed requires cataloging what activities have been completed, understanding the effects those activities have had on water quality, and identifying what future actions must be taken to continue on a trajectory towards full implementation of the Action Plan and achievement of water quality standards. The Shasta River Watershed Stewardship Report aims to serve as the key living document from which adaptive management decisions are based.

**DISCUSSION:** The Shasta River Watershed Stewardship Report (Stewardship Report) has been drafted by the Shasta Valley RCD (SVRCD), with support from Regional Water Board staff. Nicholas Cusick and Callie Grant with the California Conservation Corps Watershed Stewardship Program contributed significantly to the report's temperature, dissolved oxygen, and historical ecology sections. Production of the report was funded by an EPA 319(h) grant awarded to the SVRCD. The Stewardship Report will provide historic, geographic, and scientific context for decision makers and community members to move collaborative efforts forward in an effective and cooperative manner. The creation of the document has distilled expertise from a diverse range of policy, community, and scientific experts dedicated to realizing successful stewardship of the Shasta River watershed. A draft of the report is currently being circulated through these partners and is expected to be completed by the end of the third quarter of 2017.

Following partnership review, the final Stewardship Report will be adapted for upload to the Klamath Basin Monitoring Program website as part of their Klamath Basin Communication Strategy. The Stewardship Report will continue to be updated over time in order to document participating partners, water quality status, management actions, shared project commitments, and monitoring activities. In short, the Stewardship Report will serve as a record of adaptive management in the Shasta River watershed.

At today's presentation, staff will present the watershed's historical ecology summary, a summary of the stewardship work completed in the watershed to date, as well as results of analysis of temperature and dissolved oxygen data collected by SVRCD.

**RECOMMENDATION:** N/A

**SUPPORTING DOCUMENTS:** None