

State of California  
Regional Water Quality Control Board  
North Coast Region

April 10, 2008  
Andrew Baker and  
Bryan McFadin

EXECUTIVE OFFICER'S SUMMARY REPORT  
9:00 A.M., Thursday, April 24, 2007  
Sons of Italy Weed Lodge No. 1269  
155 Clay Street  
Weed, CA

ITEM: 12

SUBJECT: Updates on the Implementation of Shasta and Scott TMDLs.

### **PURPOSE**

The purpose of this workshop is to inform the Regional Water Board and the public about progress being made in implementing the Shasta and Scott TMDLs.

### **BACKGROUND**

The United States Environmental Protection Agency approved the TMDLs for the Scott River and the Shasta River on September 8, 2006 and January 26, 2007, respectively, following adoption by the Regional and State Water Boards and approval by the Office of Administrative Law. Regional Water Board staff developed the TMDLs in coordination with stakeholders and government agencies. The TMDLs contain Action Plans that require landowners to take specific actions to reduce pollutant loads and ultimately achieve water quality standards.

The Shasta River is listed on the Federal Clean Water Act 303(d) list as impaired due to elevated stream temperatures and reduced dissolved oxygen levels. The *Shasta TMDL Action Plan* requires landowners to implement measures that will protect streams and enhance riparian vegetation to reduce stream temperatures, and to reduce discharges of sediment, nutrients and other oxygen-consuming materials in order to increase dissolved oxygen levels. The Shasta TMDL also encourages landowners to work together to improve water conservation and water management efforts in order to increase dedicated cold water in the Shasta River.

The Scott River is listed as impaired due to excessive amounts of sediment and elevated stream temperatures. The *Scott TMDL Action Plan* requires landowners to implement measures that will reduce erosion and sediment discharges into streams and protect streams and enhance riparian vegetation to reduce stream temperatures. The TMDL also requires Siskiyou County to

develop and implement a ground water study plan with the goal of increasing cold water inputs into streams from ground water sources.

At the request of stakeholders in the Shasta and Scott watersheds, many TMDL implementation efforts are intended to be locally led by the Shasta Valley and Siskiyou Resource Conservation Districts (RCDs). The TMDLs also give landowners an opportunity to address TMDL requirements by working with the Department of Fish and Game (DFG) under its Incidental Take Permit (ITP) and Programmatic 1600 Agreement, once they are approved.

For more information on the Scott and Shasta TMDLs, including the action plans and workplans, visit our web site at:

[http://www.waterboards.ca.gov/northcoast/water\\_issues/programs/tmdls/scott\\_river/](http://www.waterboards.ca.gov/northcoast/water_issues/programs/tmdls/scott_river/)

[http://www.waterboards.ca.gov/northcoast/water\\_issues/programs/tmdls/shasta\\_river/](http://www.waterboards.ca.gov/northcoast/water_issues/programs/tmdls/shasta_river/)

## **WORKSHOP**

Regional Water Board staff will provide an overview of the Shasta and Scott TMDLs and report on the progress made toward implementing the TMDLs. The Shasta Valley and Siskiyou RCDs will report on locally led TMDL efforts in the Shasta River watershed and the Scott River watershed. Representatives from, Montague Watershed Conservation District, Siskiyou County, and the Natural Resources Conservation Service will also report. The Workshop agenda is below.

## Agenda for North Coast Regional Board Workshop Update on Implementation of Shasta and Scott TMDLs

**Introduction/Purpose of the Workshop** Catherine Kuhlman

**Shasta River TMDL Overview and Progress Report** Andrew Baker

**Shasta Valley RCD** Amy Hansen

- Dam Removal Projects
- Tailwater Management Project
- Water Trust
- Monitoring
- Shasta Groundwater Study
- Riparian Working Group

**Montague Water Conservation District** Montague WCD

- Dwinnell Dam Release Study
- Lake Shastina Water Quality Study

**Scott River TMDL Overview and Progress Report** Bryan McFadin

**Siskiyou RCD** Bill Krum

- Groundwater Study and next steps
- Scott Water Trust
- Other activities

**Siskiyou County** Ric Costales

**NRCS** Jim Patterson

- Landowner Assistance Programs

**Related Regional Board Activities**

- Criteria development/Permit Actions
- Siskiyou County Environmental Task Force

Bryan McFadin  
Andrew Baker

**Wrap-up**

**Public Comment and Board Discussion**

PRELIMINARY STAFF

RECOMMENDATION: Informational item only.