Napa River Sediment TMDL Implementation Tracking and Accounting System

PROJECT OVERVIEW

Napa County, with several partnering agencies and organizations, is developing a Napa River Sediment Total Maximum Daily Load (TMDL) Implementation Tracking and Accounting System (ITAS) with financial assistance from the U.S. EPA through a grant funded by the San Francisco Bay Water Quality Improvement Fund. The system will be designed to account for required and recommended implementation actions prescribed in the Napa River Sediment Reduction and Habitat Enhancement Plan (e.g., Napa River Sediment TMDL) adopted as part of the Water Quality Control Plan for the S. F. Bay Basin.

The objectives of the ITAS are to: 1) identify progress towards achieving TMDL goals and compliance; 2) prioritize implementation actions; 3) inform management strategies; and 4) communicate the results to stakeholders, regulatory agencies, grant funders and policy makers.

Napa County has contracted with Tetra Tech Inc. to develop a web-based ITAS to assist the County and other responsible reporting entities in tracking their progress and implementation actions within the Napa River watershed that reduce sediment loading of waterways, improve aquatic and riparian habitat quality, and meet the objectives of the Napa River Sediment TMDL. The ITAS will track performance measures that demonstrate compliance and relative effectiveness of specific watershed actions intended to control or reduce sediment delivery to the river system and improve overall stream function within the river system.

The project includes:

- ✓ **Tracking of TMDL implementation actions and projects** completed and ongoing throughout the Napa River watershed.

- ✓ **Identification and prioritization of metrics** that will communicate incremental progress of improvement actions implemented throughout the watershed, including the identification and inventory of existing data to support the metrics.

- ✓ **Identification of the watershed boundaries** by which specific tracking and accounting metrics would be reported via a web based system.

- ✓ **Development of a public ITAS module** to display TMDL implementation actions and metrics in an easily understandable and meaningful way to inform state, local, and federal stakeholders of progress being made, and to encourage continued support and confidence in TMDL implementation actions. Napa ITAS will promote stakeholder and community collaboration across the watershed and will foster effective and transparent communication at all levels of involvement from local implementers to regional policy makers.