

**Appendix I-2
TAHOE PROJECT PROPOSAL**

Project Name: Lake Tahoe Sediment and Nutrients TMDL **EIP #:** 628, 10111, 653,
10104, 10145, 430, 10109,
629, 10164, 667, 960

Lead Agency: US EPA

Contact: Jane Freeman

Phone Number: (775) 588-4547 ext. 248

Threshold: Water Quality, Air Quality,
and Soil Conservation

Email Address: freeman.jane@epa.gov

Threshold Standard:

Total Project Cost: \$2,635,000

LTFAC/TWG Recommended Funding:
\$1,500,000

Project Description:

Provides EPA support for development of the technical pieces of the Lake Tahoe TMDL and collaboration/integration process of the Lake Tahoe TMDL into other basin planning efforts. An extensive stakeholder collaboration effort is planned to develop an effective and economically viable implementation plan that will protect and restore the famed clarity of Lake Tahoe.

Describe the purpose and need for the project:

The Lake Tahoe TMDL will set the loading limits for sediment and nutrients in the Lake Tahoe Basin which are the primary pollutants causing the decline in lake clarity. The technical products contained in this proposal will help fill technical information gaps that have been identified relative to specific pollutant sources including: location, pollutant load, pollutant transport, opportunities for source load reductions, equitable methods of evaluating different load reduction alternatives, and accurate methods of tracking progress towards required load reductions.

Describe the goals and objective of the project:

The products of this project will be directly integrated into the Lake Tahoe TMDL and the Tahoe Regional Planning Agency's 2007 Regional Plan Update. Specifically, this project will, 1) provide a non-proprietary model of urban runoff to be used to accurately estimate pollutant source and transport in urbanized locations, 2) an analysis of physical and institutional constraints to BMP implementation, 3) develop a methodology for selecting between different load reduction alternatives, 4) select a preferred alternative, 5) determine appropriate and feasible indicators of progress, and 6) prepare a monitoring plan to accurately account for progress.

Describe the anticipated project accomplishments:

This project will deliver a functional and accessible model of urban runoff, evaluate locations and opportunities for pollutant load reduction, examine the constraints of these opportunities, develop a methodology for selecting between different load reduction alternatives, select a preferred alternative, and develop a monitoring plan.

Describe the “readiness” of this project to move forward:

The Lake Tahoe TMDL is currently under development with an expected completion date in the Winter of 2006. Resources are critical at this juncture to ensure the TMDL is moving forward on this schedule in order for TRPA to utilize and incorporate the TMDL as part of the 2007 Regional Plan Update and that the agencies and public are collaborating on implementation strategies.

Describe partnerships for this project:

The Lake Tahoe TMDL is a bi-state effort being developed in partnership with numerous agencies including the Nevada Division of Environmental Protection, USEPA, TRPA, USFS, USACE, California Air Resources Board, and the California Tahoe Conservancy.

For Science & Research Projects describe how this project will guide future management activities:

The TMDL will provide key information to help guide and evaluate agency actions, including implementation of the Environmental Improvement Program, restoration activities, and the affect of various control strategies.

Include an 8 ½ X 11 map depicting the project, or research/study area.

The waterbody for which the TMDL is being developed is Lake Tahoe. Assessment of pollution sources and reductions encompasses the entire Lake Tahoe watershed as well as out-of-basin contributions.

