

Appendix I-2 TAHOE PROJECT PROPOSAL

Project Name: EIP BMP Effectiveness
Lead Agency: USACE

EIP #: 10109

Threshold: Water Quality
Threshold Standard: WQ2-B, WQ2-D,
WQ2-C

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Total Project Cost: \$1,150,000
(Amount does not represent entire TMDL
BMP funding)
**Project Cost Approved By Tahoe
Working Group:** \$850,000

Project scope will be reduced proportionate to reduction in funding primarily between Task #2 and Task #4.

Project Description:

The products of this project will be directly incorporated into the Lake Tahoe Nutrients and Sediment TMDL for the evaluation and representation of BMPs in the watershed model currently being developed for the TMDL and development of a BMP design manual for implementing agencies and practitioners. These products will also be used during stakeholder processes to build consensus on BMP performance, load reduction evaluation and tracking, and the cost to implement selected BMPs on a basin-wide scale.

Describe the purpose and need for the project:

The evaluation of BMP effectiveness is still a developing science with very little quantitative information available for the evaluation of BMP performance and/or their representation in modeling applications. Currently no protocols exist that allow resource managers the ability to estimate pollutant load reduction or to be able to track and credit load reductions over time. It is also important that resource managers are aware of the costs associated with implementation of selected BMPs.

Describe the goals and objective of the project (For Science & Research Projects describe Key Management Questions being addressed):

This project will provide information on protocols for evaluating BMP performance, develop quantitative representations of BMP effectiveness, evaluate options for pollutant load reductions, and evaluate economic considerations of basin-wide BMP implementation.

Describe the anticipated project accomplishments:

Products from this project will include, 1) a set of test protocols for estimating pollutant load reductions for selected BMPs, 2) a matrix of pollutant load reduction options and associated parameters developed in a agency stakeholder process, 3) provide quantitative assessments of BMP effectiveness for selected BMPs, 4) estimate costs and economic assessment of basin-wide BMP opportunities, and 5) development of a BMP design manual for the Storm Water Quality Improvement Committee (SWQIC), and incorporate as appropriate these products into the Lake Tahoe TMDL which includes follow-up to FY04 SWQIC H&H criteria.

SNPLMA Project #: _____

(To be assigned by SNPLMA Administration)

Describe the “readiness” of this project to move forward (Environmental documentation, etc.)

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 and that the agencies and public are collaborating on implementation strategies.

Describe partnerships for this project. (Include documentation)

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

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 effect of different control strategies.

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

This project would require a basin-wide distribution of effort.

