

Appendix B-8

**LAKE TAHOE RESTORATION PROJECTS
ESTIMATED DIRECT COSTS & KEY MILESTONE DATES**

Project Name: BMP Water Quality Retrofit – Glen Alpine Trailhead Agency: Lake Tahoe Basin Management Unit
 Prepared by: John Maher Phone: 530-543-2671 EIP #: 1007.1
 SNPLMA Project #: _____

Identify estimated costs of eligible reimbursement expenses:

1. Planning, Environmental Assessment and Research Costs (specialist surveys, reports, monitoring, data collection, analysis, NEPA, etc.)	\$ <u>50,000</u>	<u>17</u> %
2. Direct Labor (Payroll) to Perform the Project	\$ <u>30,000</u>	<u>10</u> %
3. Project Equipment (tools, software, specialized equipment, etc.)	\$ <u>5,000</u>	<u>1.5</u> %
4. Travel (including per diem where official travel status required to carry out project, such as serve as COR, experts to review reports, etc.)	\$ _____	_____ %
5. Official Vehicle Use (pro rata cost for use of Official Vehicles when required to carry out project)	\$ _____	_____ %
6. Cost of Contracts, Grants and/or Agreements to Perform the Project	\$ <u>200,000</u>	<u>68</u> %
7. Other Direct Costs (direct labor for agency personnel to do project procurements; COR; PI; personnel assigned as NEPA lead; personnel assigned to review contracted surveys, designs/drawings, reports, etc.; project manager and/or project supervisor; and contracted costs for project manager and/or project supervisor if contracted separately)	\$ <u>10,000</u>	<u>3.5</u> %
TOTAL*:	\$ <u>295,000</u>	<u>100</u> %

Estimated Key Milestone Dates:

Milestones/Deliverables:	Date:
NEPA	6/2005
Survey and Design of BMP's and Public Restroom	9/2005
Final Completion Date:	12/05

COMMENTS:

**Appendix I-2
GENERAL TAHOE PROJECT PROPOSAL**

Project Name: BMP Water Quality Retrofit – Glen Alpine Trailhead **EIP #** 1007.1
Lead Agency: LTBMU **Contact:** John Maher

Threshold: Recreation, Water Quality
Threshold Standard: R-1 High Quality
Recreation Experience, Basin 208 Plan

Phone Number: 530-543-2671
Email Address: jmaher@fs.fed.us

Total Project Cost: \$ 2,500,000
Round 6 Funding requested: \$ 295,000
Is this a multi-year project? Yes

Project Description:

In accordance with the Lake Tahoe Basin 208 Plan Requirement, design and install Water Quality BMPs for the trailhead and related buildings and grounds. Provide public restroom facilities and develop wastewater facilities that will insure compliance with water quality regulations. Relocate roads and trails out of sensitive riparian areas.

Describe the purpose and need for the project:

Glen Alpine Resort is located in and adjacent to the riparian zone of Glen Alpine Creek. The resorts buildings, roads, and trails have not been retrofitted with BMP's. The cabins wastewater facilities appear to drain into old septic systems.

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

Reduce water quality impacts from the resort facilities and infrastructure.

Describe the anticipated project accomplishments:

Reduce and relocate where possible trails and roads within the resort. Develop wastewater disposal system. Install BMP's to the buildings, roads, and trails.

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

This phase of the project would produce the NEPA, survey, and design.

Describe partnerships for this project (include documentation):

Historic Preservation of Glen Alpine Inc.

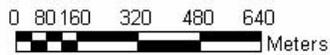
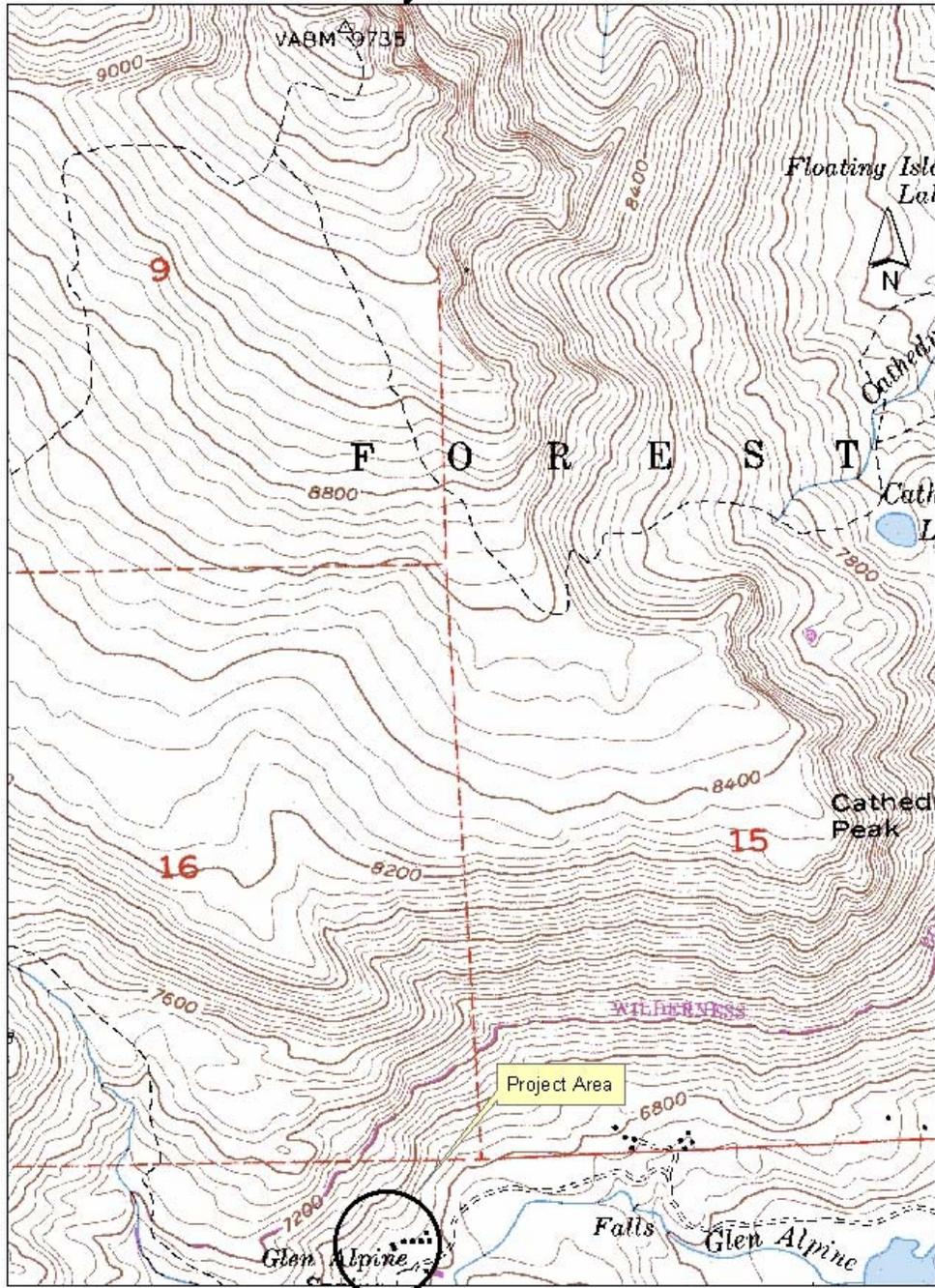
For non-Science & Research Projects (i.e. restoration, planning efforts etc.) describe the anticipated project effectiveness monitoring program for use with adaptive management framework:

Project area will be monitored during and after storm events to determine that BMP's are effective. Wastewater facilities will be monitored annually to ensure they are functioning properly.

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

See below.

Glen Alpine Springs Resort Restoration Project 1007.1



USGS 7.5' Quad
Emerald Bay, CA
John Maher 10/12/2004