

## **Mendenhall Watershed Partnership**

### **"Mendenhall Watershed Partnership"**

*FY03 Grant Award \$50,000*

*Project Match \$39,260*



#### **Description and Purpose:**

This project continued the efforts of the community-based Mendenhall Watershed Partnership in Juneau to work towards recovery of polluted waters through implementation of the Watershed Action Strategy and Duck Creek Total Maximum Daily Load (TMDLs). Project activities included: accomplishing on-the-ground restoration projects; sponsoring regular membership and board meetings; continuing effective input into community development issues; providing public education/outreach; sponsoring a spring stream cleanup and watershed picnic; develop/maintain water quality monitoring database; and conducting citizen water quality monitoring.

#### **Evaluation of Environmental Benefits:**

This project provided a variety of products beneficial to reducing nonpoint source pollution and water body recovery in the Mendenhall watershed. The environmental benefits included improved water quality and fish habitat in the watershed, even as community development occurred. Success in implementing the tasks for FY2003 were measured and documented in the following ways:

- 1) "before and after" photographic documentation of riparian zone restoration, culvert removal, and spring stream clean-up;
- 2) documentation of the amount and type of garbage removed during spring stream clean-up;
- 3) water quality monitoring establishing baseline water quality and water body health conditions so that future monitoring results can be compared; and
- 4) increased membership and business partner contributions from diverse parties marking the success of the Partnership in reaching a cross-section of the community.

#### **Deliverables for this project include:**

1. On the ground restoration project including: placement of fill to prepare for wetland restoration at McGinnis pond, culvert removal downstream of Cinema Drive, and bank stabilization near Nancy St.
2. Two (2) *Water Ways* Newsletters
3. "Before and after" photographic documentation of restoration, culvert removal, and stream clean-up activities
4. Amount and type of trash removed from streams in watershed
5. A revised, DEC approved Quality Assurance Project Plan (QAPP)
6. Watershed monitoring database report and electronic database that is compatible with DEC requirements for the EPA STORET database
7. Citizen-based monitoring report and electronic database that is compatible with DEC requirements for the EPA STORET database.



#### **Project Contacts:**

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