

“Biological Monitoring and Assessment for Southeast Alaska”



University of Alaska Anchorage Environment & Natural Resources Institute

FY 04 Grant Award: \$46,261

Project Match: \$30,957



Description and Purpose:

ENRI will collect physico-chemical data, habitat data, and macroinvertebrates from 50 streams across southeast Alaska. We will use these data, combined with data from our previous two field seasons, to characterize regional reference conditions and to calibrate a macroinvertebrate biological monitoring index for quantifying biotic integrity in southeast Alaska streams. The proposed index can be used to monitor stream restoration efforts, BMP effectiveness, and long-term water quality trends. During this project ENRI will collect stream data to support other agencies goals and provide learning opportunities for agency, tribal, and watershed group staff.

Deliverables Include:

- QAPP updated
- Monitoring strategy updated
- List of approximately 50 prioritized streams for sampling
- Macroinvertebrate taxa lists with abundances for approximately 15 FY 2003 sites
- Approximately 30 FY 2004 macroinvertebrate samples processed and ready for identification



Project Contacts:

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