

“Lower Ship Creek Stream Gaging”

Department of Natural Resources, Alaska Hydrologic Survey

FY 04 Grant Award: \$11,000

Project Match: \$8,583



Description and Purpose:

Ship Creek is a priority water in need of recovery due to water quality and quantity concerns. Allocated water use is very high which could reduce baseflow and negatively impact aquatic life. This project will establish a gaging station in the lower river to determine if water appropriations are affecting stream baseflow, provide streamflow and water quality data necessary to implement a fecal coliform Total Maximum Daily Load (TMDL) recovery plan, help adjudicate instream flow

reservation applications, and help provide flow data necessary to successfully manage the stream to provide for a highly important sport fishery.

Project Objectives:

Establishes a stream gage on lower Ship Creek for collection of streamflow and water quality data, intended to meet the following objectives:

- start to ascertain if water appropriations are affecting stream baseflow
- provide streamflow and water quality data for fecal coliform TMDL recovery plan
- help adjudicate instream flow reservation applications
- extend record through correlations with historic USGS data
- provide flow data for highly visible fishery

Data collection for this project is continued in an FY05 ACWA grant.

Deliverables Include:

[Quality Assurance Project Plan](#)
Monitoring Strategy



Ship Creek instrument box
June 2, 2004

Project Contacts:

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