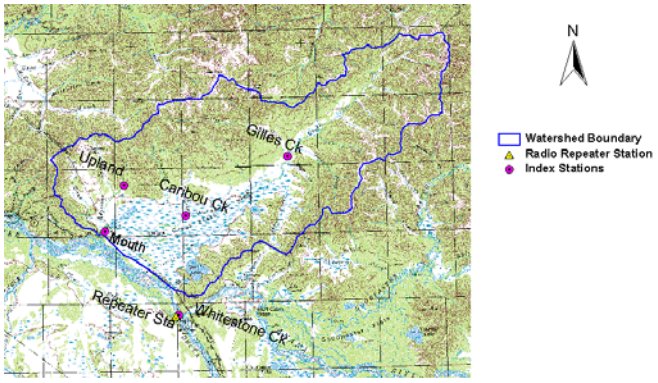
"Hydrologic Monitoring & Evaluation of the Shaw Creek Watershed"

Alaska Boreal Forest Council

FY 04 Grant Award: $21,000 *Project Match: $38,740*

Description and Purpose:
This project completed a watershed plan begun in 2001 to gather critical hydrologic information for the Shaw Creek Watershed, a priority water providing major fall chum spawning and rearing habitat for the Bristol Bay fishery and Yukon River fisheries. Shaw Creek also has important fish, timber, mining, and recreational resources. Its sustainable development requires understanding of hydrologic processes. In the past the Alaska Boreal Forest Council (ABFC) established four automated hydrologic data-collection stations. This project continues water-quality data collection and continuous hydrologic baseline monitoring of those stations and other sites. Additionally, it evaluates the information collected to date and characterizes critical hydrologic processes to assist management agencies in permitting decisions. The results of this work will produce a watershed plan in the state fiscal year 2005, which will include a monitoring strategy taking into account all the various current and future development projects that may take place in the watershed.

Deliverables Include:
Updated Quality Assurance Project Plan
Project summary for CIIMS database
Website-accessible data available at
http://www.akborealforest.org/shaw_creek/index.php
Water-quality data from ABFC citizen volunteers



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