

**Kanalku Lake - Angoon Fish Ladder**

**FY2009 Request: \$200,000**  
**Reference No: 44833**

**AP/AL:** Appropriation  
**Category:** Natural Resources  
**Location:** Angoon  
**House District:** Cordova/Southeast Islands (HD 5)

**Project Type:** Construction  
**Contact:** Tom Lawson  
**Contact Phone:** (907)465-5999

**Estimated Project Dates:** 07/01/2008 - 06/30/2013

**Brief Summary and Statement of Need:**

This project funds the planning, construction, and evaluation of a sockeye salmon fish pass consisting of 11 jump pools and a flow diverter near the outlet of the Kanalku Lake, which is near the community of Angoon in Southeast Alaska. This project will be done collaboratively with participation from USDA Forest Service, the Alaska Department of Fish and Game, Kootznoowoo Inc, Southeast Alaska Seiners Association, and possibly other groups. If costs increase or additional studies are needed, there is potential for these groups to contribute funds toward the project.

<b>Funding:</b>	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
Gen Fund	\$200,000						\$200,000
<b>Total:</b>	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

No prior funding.

**Project Description/Justification:**

Kanalku Lake, near the community of Angoon in Southeast Alaska, supports a small run of sockeye salmon. This run is utilized for subsistence by local residents and also contributes somewhat to commercial and recreational fisheries in the area. Recent sockeye salmon escapements have been poor despite all feasible actions being taken in the management of nearby commercial fisheries to reduce harvest rates on Kanalku fish. In order to enter the lake to spawn, sockeye salmon must pass a falls that is 230 feet long and has a 30-foot vertical rise, which blocks a significant portion of the migration. Stakeholders have met to discuss this issue and agreed on the need to improve fish passage into the lake. Tagging data indicates that less than 30% of the fish that return to the river successfully migrate past the falls into the lake to spawn. Providing a fish passage through the falls would improve escapements into the lake substantially, which would improve subsistence harvests and reduce the need for commercial restrictions.

During FY 2009, planning, design, and an environmental assessment would take place. This process would include public meetings to solicit input from local residents, user groups, and other interested parties. Construction would occur primarily during FY 2010 and would include 11 jump pools as well as structures at the lake outlet to direct more water flow to the right side of the stream where sockeye typically negotiate the falls. Evaluation would occur during FY 2011 to ensure a large proportion of sockeye salmon can successfully pass the falls. Construction would be scheduled to avoid sensitive time periods, such as when adult salmon, smolts, or other species are present.