



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

ME

Region Southeastern USGS Quad(s) Juneau B-2 Southeast

Anadromous Waters Catalog Number of Waterway 111-40-10900

Name of Waterway Kowee Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>11-522</u>	<u>[Signature]</u>	<u>10/28/11</u>
Revision Year:	<u>2012</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Both <u>X</u>	<u>[Signature]</u>	<u>10/28/11</u>
Revision Code:	<u>C-9, C-7, E-9</u> <u>D-1</u>	Habitat Operations Manager	Date
		<u>[Signature]</u>	<u>9/22/11</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>11/21/11</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
pink salmon	09/07/2011	✓			✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:
 Coordinates (Lat,Long): Upper(58.297136,-134.435851) Lower(58.298404,-134.433601)
Revise hydrography near mouth pt, add barriers

Name of Observer (please print): Tess Quinn
 Signature: _____ Date: 09/08/2011
 Agency: 146.63.61.200 (Web Nomination)
 Address: PO Box 240927 PO Box 240927
Juneau, AK 99801

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 02/08
 Name of Area Biologist (please print): _____



Figure 4: Kowee Creek Correction Map.

Kowee Creek

Stream: 111-40-10900

Watershed: Bear Creek

USGS Quadrangle: Juneau B-2 Southeast

MTRS: Section 22, Township 41S, Range 67E

Date Surveyed: September, 2011

Findings: The actual upper limit of this stream was found to be inconsistent with that of the AWC. The anadromous reach ends at a falls adjacent to the original Douglas Island Pink and Chum fish hatchery. The falls measures approximately 25-30 feet in height. A second falls could not be reached from the streambed and is estimated to be about 50 feet in height. This falls was observed from a cliff overlooking the stream. Above the barrier the substrate is primarily bedrock and large cobbles with intermittent pockets of gravel and sand. The stream becomes incised past the barrier falls.

Recommendations: Update the stream's route and upper limit in the AWC.

Nomination Form Submitted: Yes.

Nomination Status:

Notes: This is a beautiful stream with a place in Juneau's history. There is housing development above the anadromous reach that could impact the habitat below. This should be recognized and efforts taken to preserve the nature of the stream.

Table 1: Kowee Creek Survey Data

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
1	58.298404	-134.433601	Mouth of Kowee Creek. Tidally influenced to the bridge on North Douglas Highway.	Spawning survey	Multiple spawning pink salmon
2	58.297136	-134.435851	Barrier falls. Approximately 25-30 feet in height. Spawning pink salmon to this point.	spawning survey	Multiple spawning pink salmon
3	58.297073	-134.436542	Point overlooking 50-foot second falls.		

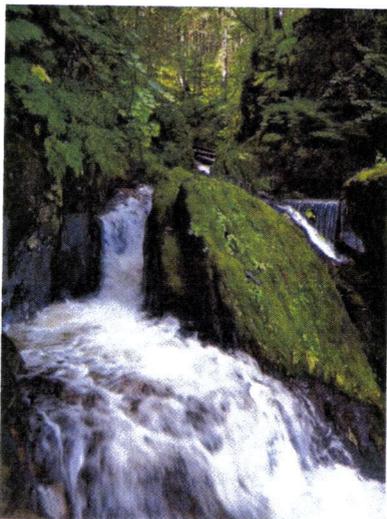


Figure 3: Lower barrier falls on Kowee Creek.



Figure 1: Walking upstream to lower barrier falls on Kowee Creek.

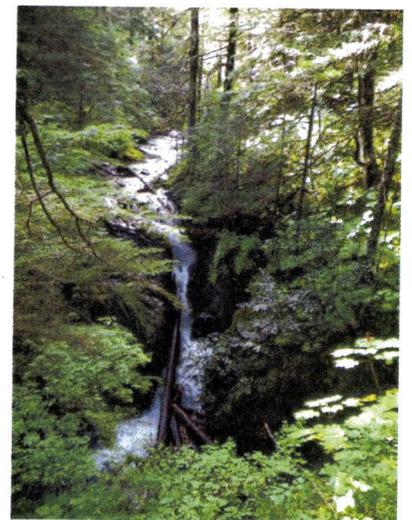


Figure 2: Overlooking second falls on Kowee Creek.

bing imagery

PLS

feature

hydrography

for

III-40-10900

Shaw Western

odd bumps

