



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog



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

Anadromous Waters Catalog Number of Waterway 111-40-10150

Name of Waterway Salmon Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>10-808</u>		<u>10/26/10</u>
Revision Year: <u>2011</u>	Fisheries Scientist	Date
Revision to: Atlas <u>α</u>		<u>10/26/10</u>
Both <u>α</u>	Habitat Operations Manager	Date
Revision Code: <u>D-1, E-9, C-7</u>		<u>27 Sept 10</u>
	AWC Project Biologist	Date
	<u>JDG</u>	<u>4/11/10</u>
	Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous

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: *Reposition mouth pt*
 Salmon Creek was surveyed for route accuracy only. The given upper and lower extents are updates for the existing cataloged species. Anadromy ends at a falls approximately 1,727 feet from the lower extent.
 Coordinates (Lat,Long): Upper(58.332437,-134.465949) Lower(58.330475,-134.473622)
wpt #2 *wpt #1*
Add barrier to E creek, end stream acc @ barrier. Retain species' life stage

Name of Observer (please print): Tess Quinn
 Signature: 146.63.139.55 (Web Nomination) Date: 09/26/2010
 Agency: _____
 Address: PO Box 35032 PO Box 35032
Juneau, AK 99803

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): _____

Johnson, J D (DFG)

From: Quinn, Tess (DFG)
Sent: Tuesday, October 26, 2010 12:46 PM
To: Johnson, J D (DFG)
Subject: RE: Shortened streams

If barrier height measurements are enough to ascertain that fish are unable to pass, then those changes are accurate. I was unable to climb above the barrier on 10-744 and my minnow traps caught nothing above the barriers on 10-808 and 10-742. They were all well above the blockage requirements for all species including steelhead for which "a blockage may be presumed if fall height in feet exceeds 13 feet." This is the greatest fall height. I'm attaching a scanned copy of the fish blockage chart I use in the field to determine height. I use a clinometer and a rangefinder to find the measurements.

Let me know what you think.

Thanks,
Tess

From: Johnson, J D (DFG)
Sent: Tuesday, October 26, 2010 12:23 PM
To: Quinn, Tess (DFG)
Subject: RE: Shortened streams

Tess

For some reason, those escaped the attn of the reviewers
What do ya think, if ya want to hold off on those changes we certainly can

JJ

From: Quinn, Tess (DFG)
Sent: Tuesday, October 26, 2010 12:17 PM
To: Johnson, J D (DFG)
Subject: Shortened streams

Hi J,

You will also find that nom #s 10-808 and 10-744 have no trap data either. This is because either I did not catch any fish of any species, or I was unable to get above the barrier. I was basing my nomination on barrier measurements using an anadromous fish barrier sheet that is found in the Forest Practices handbook. That is the only document I could find that had standard measurements and barrier heights for anadromous species.

I will revisit these three streams and find a way to scramble above the barriers to set some more traps.

Thanks,

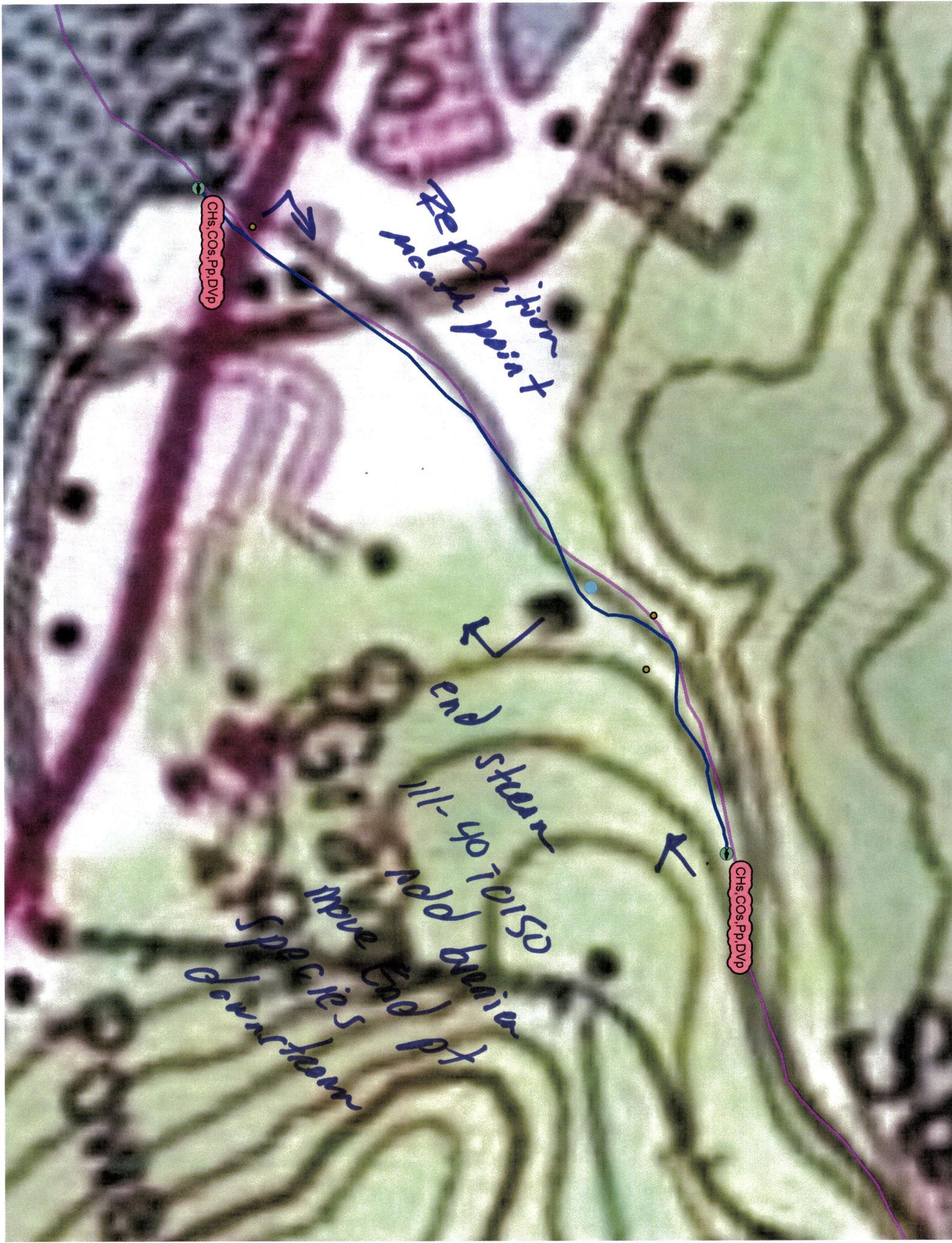
Tess Quinn

Anadromous Fish Blockage

Criterion	Species Requirements (in feet)				
	Coho	Steelhead	Sockeye	Chinook	Pink/Chum
Maximum Fall Height. A blockage may be presumed if fall height in feet exceeds:	11	13	10	11	a) 4 with deep jump pool b) 3 without pool
Pool depth. A blockage may be presumed if the unobstructed water column depth in feet within the pool is less than:	1.25 X jump height, except that no minimum pool depth exists for falls as follows: a) less than 4 in the case of coho and steelhead; and b) less than 2 in the case of other anadromous fish species				
Steep channel. A blockage may be presumed at the upper end of the reach if channel steepness in feet is equal to or greater than the following without resting places for fish:	≥225 at 12 percent gradient ≥100 at 16 percent gradient ≥50 at 20 percent gradient ≥25 at 24 percent gradient			≥100 at 9 percent gradient	

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CHs, Cos, Pp, Dvp

Reposition + touch point

End stream

111-40 to 150
add barrier to
move End pt
downstream

CHs, Cos, Pp, Dvp