



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

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Region Southeastern USGS Quad(s) Yakutat A-2

Anadromous Waters Catalog Number of Waterway 182-20-10500 10400

Name of Waterway Hazel Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>10-801</u>		<u>10/26/10</u>
Revision Year: <u>2011</u>	Fisheries Scientist	Date
Revision to: Atlas		<u>10/26/10</u>
Both <u>X</u>	Habitat Operations Manager	Date
Revision Code: <u>C-7, C-9, A-1</u>		<u>26 Sept 10</u>
	AWC Project Biologist	Date
	<u>JPB</u>	<u>10/11/10</u>
	Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	05/25/2010		✓		✓
sockeye salmon	05/25/2010		✓		✓

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: Move mouth pt and reare hydrology, extend stream w/
 On 5/25/10, I walked Hazel Creek to document the upper extent of fish use. I began at the creek mouth and walked upstream, capturing hundreds of rearing coho and sockeye using a beach seine and hand net along the way. The upper extent of creek flow was found at a headwater upwelling, but fish use extends at least a few hundred feet upstream during high water levels as we observed about 50 fingerling coho in a large isolated wetland pool. The upper extent waypoint given above was taken at the isolated pool. Spawning habitat was available in the upper portion of the stream, and the entire stream provides excellent rearing habitat. I will email J Johnson the GPS trackline for the stream course.
 Coordinates (Lat,Long): Upper(59.121871,-138.453083) Lower(59.102889,-138.473386) (tracks available)

coho & sockeye salmon rearing

Name of Observer (please print): Kate Kanouse
 Signature: 146.63.139.97 (Web Nomination) Date: 09/24/2010
 Agency: _____
 Address: ADF&G Habitat ADF&G Habitat
Juneau, AK 99811

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: Kanouse, Kate M (DFG)
Sent: Tuesday, September 28, 2010 9:06 AM
To: Johnson, J D (DFG)
Subject: RE: 10-801

Hi J:

Yes - the Stream No. is a mistake, should be Hazel Creek 182-20-10400. We only observed rearing coho in the isolated pool at the upper point, but we did find several rearing sockeye a few hundred feet downstream at the headwater upwelling. I guess that means only rearing coho should be included in the listing at the upper point...

Thanks!
Kate

From: Johnson, J D (DFG)
Sent: Tuesday, September 28, 2010 8:50 AM
To: Kanouse, Kate M (DFG)
Subject: 10-801

Kate

It is not clear from the nom comments whether juv sockeye salmon were observed upstream of the present upper pt for Hazel Creek which is AWC# 182-20-10040, the nom has AWC# as 182-20-10500 listed. The upper & lower pts provided plot onto Hazel Creek, so I'm guessing this is a simple error, ya might want to revise your records. I intend to extend the stream arc w/coho salmon rearing to the upper pt provided unless ya observed sockeye salmon upstream as well.

(On 5/25/10, I walked Hazel Creek to document the upper extent of fish use. I began at the creek mouth and walked upstream, capturing hundreds of rearing coho and sockeye using a beach seine and hand net along the way. The upper extent of creek flow was found at a headwater upwelling, but fish use extends at least a few hundred feet upstream during high water levels as we observed about 50 fingerling coho in a large isolated wetland pool. The upper extent waypoint given above was taken at the isolated pool. Spawning habitat was available in the upper portion of the stream, and the entire stream provides excellent rearing habitat. I will email J Johnson the GPS track line for the stream course).

J. Johnson
ADF&G
AWC Project Biologist
267-2337

