



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog

Region Southeastern USGS Quad(s) JUNEAU B-2, B-2SE

Anadromous Waters Catalog Number of Waterway 11-40-10070-2020-3031

Name of Waterway \_\_\_\_\_  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>14-516</u>	<u>[Signature]</u>	<u>4/25/14</u>
		Fisheries Scientist	Date
Revision Year:	<u>2015</u>	<u>[Signature]</u>	<u>4/25/14</u>
Revision to:	Atlas _____	Habitat Operations Manager	Date
	Both <u>X</u>	<u>[Signature]</u>	<u>3/27/14</u>
		AWC Project Biologist	Date
Revision Code:	<u>A-2d</u>	<u>[Signature]</u>	<u>5/19/14</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	10/24/2013		✓	✓	✓
Dolly Varden	10/24/2013			✓	

**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:** ref 14-523

Coordinates (Lat,Long): Upper(58.3637,-134.4939) Lower(58.3633,-134.4952)

Add new stream w/ coho salmon rearing

Name of Observer (please print): Richard Hoffman

Signature: 146.63.61.200 (Web Nomination) Date: 12/26/2013

Agency: \_\_\_\_\_

Address: P.O. Box 110024  
Juneau, AK 99811-0024

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): \_\_\_\_\_

**111-40-10070-2020 TRIBUTARY 1****ADDITION****Water body name:****Survey date:** 10/24/2013**Water body number:****Species & Lifestage:****Watershed:** Mendenhall River-Frontal Gastineau Channel**MTR:** C040S066E **Quad:** Juneau B-2

**Findings:** I surveyed this uncataloged tributary to stream 111-40-10070-2020 using an electrofisher unit and a GPS (Table 1). Gradient changed created a chute that maybe not fish passable (Figure 1). I captured coho salmon to the base of gradient change and only Dolly Varden char from there until the headwaters (Figure 1). I ended the survey at the headwaters where the water is coming out of the ground (Figure 2).

**Recommendations:** Add stream to AWC.

Table 1.–111-40-10070-2020 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
219	58.3633	-134.4952	Tributary entering river left.		
243	58.3638	-134.4941	Switzer Loop Trail has a bridge here that crosses creek.		
244	58.3637	-134.4939	A bit of a chute/cascade falls here.	EF	2 CO, 4 DV
245	58.3640	-134.4940	Middle of chute/cascade.	EF	2 DV
246	58.3645	-134.4940	Top of chute/cascade, flattens out.	EF	1 DV
247	58.3650	-134.4933	Substrate not suitable for salmon spawning. The gradient is slowly increasing again.	EF	3 DV
248	58.3655	-134.4929	Trail crosses here not such which. Looks to be an old road turned into trail.		
249	58.3659	-134.4930	Dolly Varden in spawning colors.	EF	1 DV
250	58.3665	-134.4930	Calling it here, appears to be only resident fish up here. Don't think adult fish can make it pass chute/cascade at # 244.	EF	3 DV



Figure 1.—Gradient change.



Figure 2.—Water intake at the headwaters.



Figure 3.—111-40-10070-2020 tributary 1 addition map.

add new stream 111-40-10070-2020-3031 w/coho salmon rearing, use  
noms\hoffman\arcs\2013 Sunny Point Streams.shp for hydro

2 - COr

COR 1  
COR 2

