



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern USGS Quad(s) JUNEAU B-4,C-4

Anadromous Waters Catalog Number of Water Body 112-15-10420-2002

Name of Water Body _____ USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>25-647</u>	<u>[Signature]</u>	<u>8/11/2025</u>
		Fisheries Scientist	Date
Revision Year:	<u>2026</u>	<u>[Signature]</u>	<u>8/11/2025</u>
		Habitat Operations Manager	Date
Revision to:	<input checked="" type="checkbox"/> Atlas	<u>[Signature]</u>	<u>10 July 2025</u>
	<input checked="" type="checkbox"/> Catalog	AWC Project Biologist	Date
Revision Code:	<u>A-2</u>	<u>[Signature]</u>	<u>8/14/2025</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	07/02/2025		✓		✓

~ADD new AWC Stream #112-15-10420-2002 with COHO salmon REARING.

Comments:

Quad: Juneau B-4 NE / C-4 SE. Tributary of 112-15-10420.
Observation locations, notes, and photos in attached pdf, geospatial data in attached zipfiles.
Coordinates (Lat,Long): Upper(58.506658,-135.162685) Lower(58.498460,-135.138608)

Name of Observer (please print): Mark Hieronymus
Signature: 10.231.39.10 (Web Nomination) Date: 07/08/2025
Agency: Trout Unlimited - AK
Address: PO Box 20881
Juneau, AK 99802

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 3/16
Name of Area Biologist (please print): _____

Tributary of 112-15-10420

Water Body Name:

Species & Lifestage Observed: CO

Observation Date: 07/02/2025

Observers: Mark Hieronymus, Kurt Iverson, David McKenna

Observations: We walked this unlisted tributary from its confluence with 115-12-10420 to a point approximately 2.4km upstream with a GPS. We observed and captured juvenile coho salmon with hand nets. Observation locations and notes are in Table 1, fish and habitat photos and a map showing waters addition and observation locations are in Figures 1-9.

Waters Addition

HUC12: 190103010707

MTR: C039S062E

Quad: Juneau B-4 NE / C-4 SE

Table 1.- Tributary of 112-15-10420 observation locations and notes.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
1	58.498460	-135.138608	07/02/25 0900 North side (River Left) Tributary, Lynn Sisters. 100% OVC, Good fish-spotting conditions. Several small fish seen at confluence. Start of US observations.		
2	58.498978	-135.139349	Several dozen juvenile coho here, appear to be young-of-year. 2 juv CO hand-netted. Stream bedwidth ~8-10m, wetted width ~3-5m, incised ~1-2m, substrate gravel/pea gravel, some LWD in channel, very low gradient. H2O temp measured here, 7.2°C.	VI HN	35-40 CO 2 CO
3	58.499307	-135.140822	Trib joins Lynn Sisters floodplain here on N side - channel between wpt 1 and here appears to continue arcing back to main Lynn Sisters stream, wetted in some places US of trib confluence. Heading up tributary flow.		
4	58.499569	-135.140890	6-8 juv CO here, 2 netted. Bedwidth ~3-5m, wetted width ~1-3m, Incised ~1-2m, substrate cobble/gravel with some small boulders interspersed, some LWD in channel. Gradient ~2-3%.	VI HN	6-8 CO 2 CO
5	58.499808	-135.141854	6-8 juv CO here, 2 netted. Stream characteristics continue.	VI HN	6-8 CO 2 CO
6	58.499738	-135.144316	About a dozen or so juv coho here, 2 netted. Several juv CO seen between wpt5 and here. Gradient flattens now $\leq 2\%$, substrate gravel/cobble, lots of LWD in channel, a few spanning logs.	VI HN	10-12 CO 2 CO
7	58.499675	-135.146530	A dozen or so juv coho here, 2 netted.	VI HN	10-12 CO 2 CO

Table 1.- Tributary of 115-12-10420 observation locations and notes, continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
8	58.500543	-135.148216	8-10 juv CO here, 2 netted. Stream characteristics continue.	VI HN	8-10 CO 2 CO
9	58.501022	-135.150265	15-20 juv coho here, 4 netted.	VI HN	15-20 CO 4 CO
10	58.502327	-135.152776	5-7 juv coho here, 2 netted. Several juv CO seen between wpt 9 and here. Some bedrock now showing in channel, with more LWD / spanning logs, lots of Alder in riparian area as well.	VI HN	5-7 CO 2 CO
11	58.503268	-135.154057	6-8 juv coho seen here, 2 hand netted. Stream now bordered by thin band of conifers with muskeg beyond, lots of alder, less LWD.	VI HN	6-8 CO 2 CO
12	58.504442	-135.158737	8-10 Juv coho here, M/LWD making netting difficult. 2 CO eventually netted.	VI HN	8-10 CO 2 CO
13	58.505058	-135.160370	5-6 juv coho observed at close (~1m eye-to-fish) range, woody debris in location making netting impossible, not enough water for a fishtrap.	VI	5-6 CO
14	58.506658	-135.162685	US end of observations, stream gradient increased over last ~100m to ~2-4%, fewer pools, more cobble and very little gravel in channel.		



Figure 1.- Two juvenile coho captured at waypoint 2.



Figure 2.- Looking upstream at floodplain channel, waypoint 3. Tributary enters from right.



Figure 3.- Looking up tributary from waypoint 3.



Figure 4.- Looking downstream from waypoint 6 at general stream characteristics in this reach.



Figure 5.- Looking upstream from waypoint 6 at general stream characteristics in this reach.

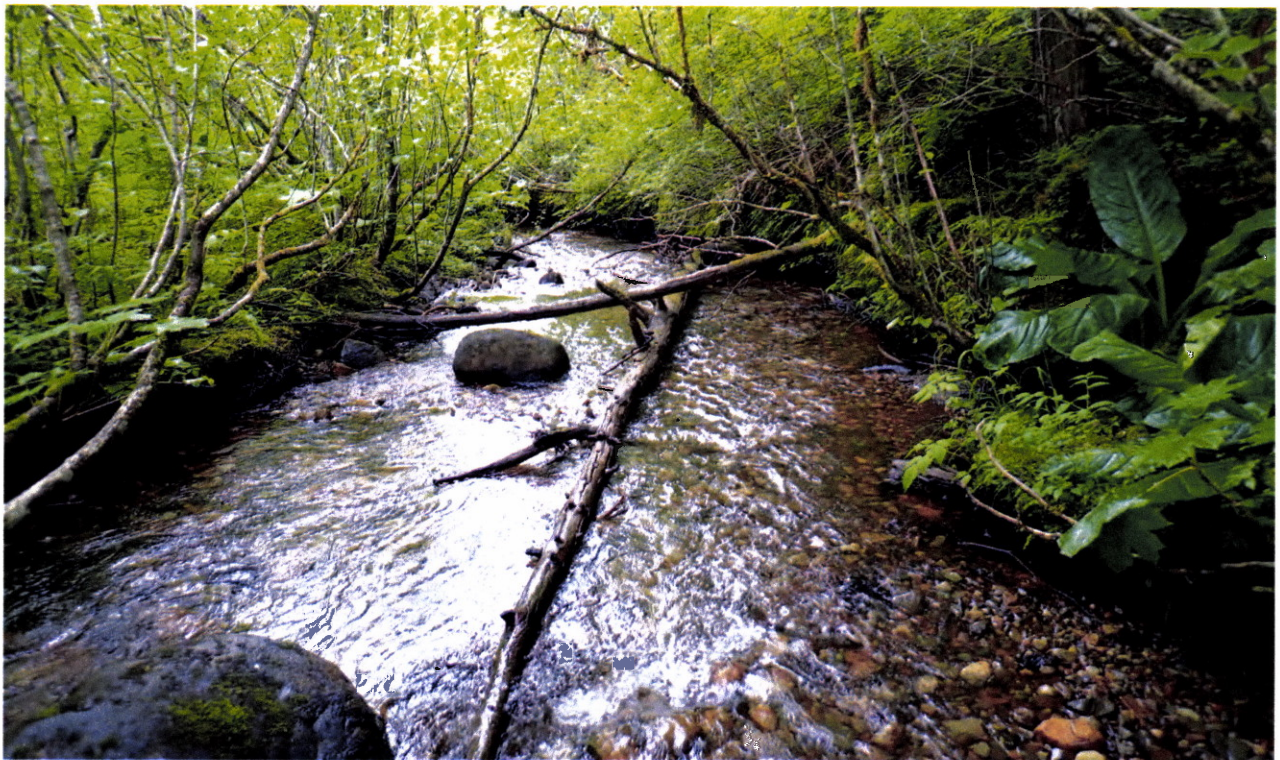


Figure 6.- Looking downstream from waypoint 11 at general stream characteristics in this reach.



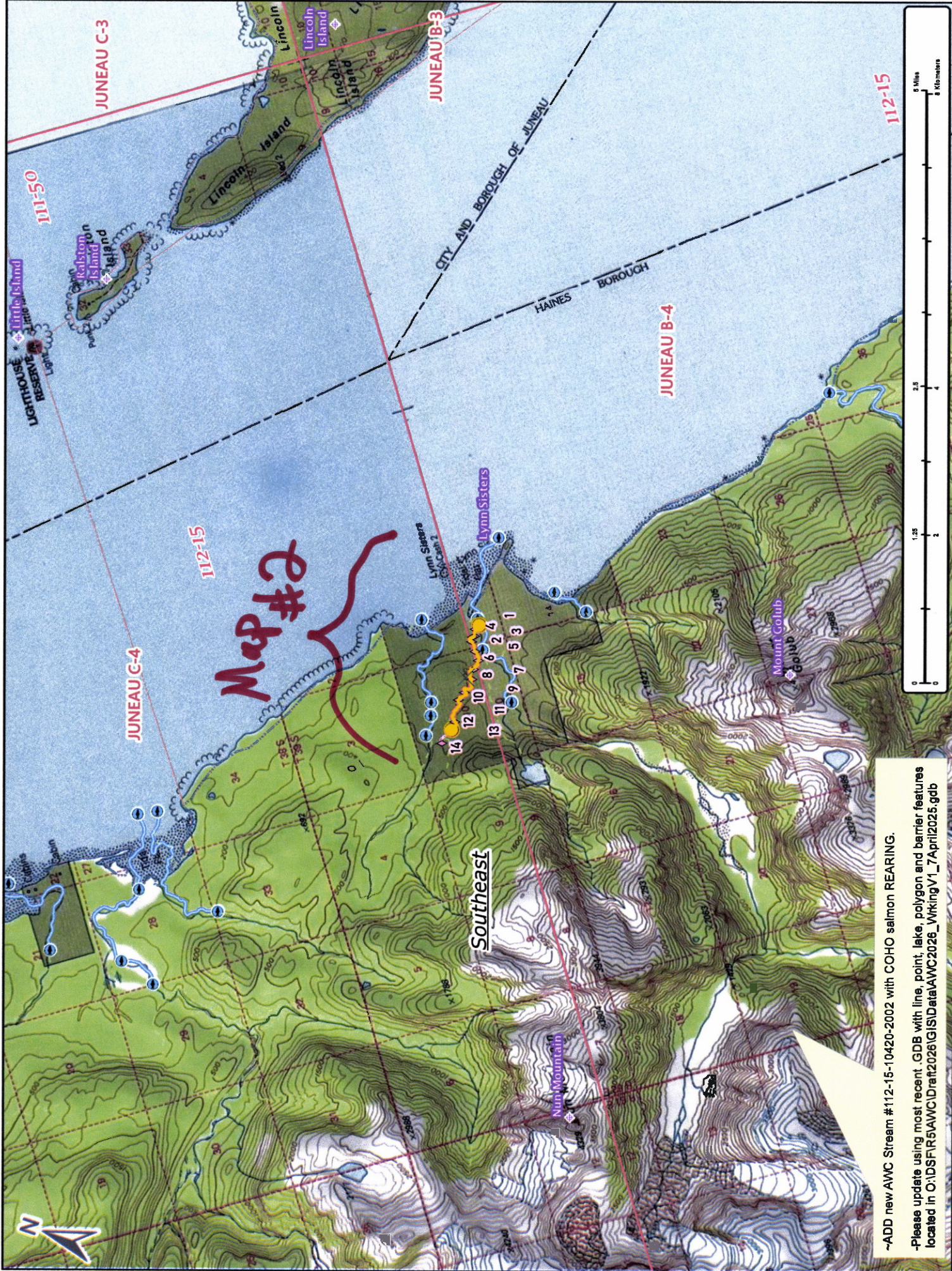
Figure 7.- Looking upstream from waypoint 11 at general stream characteristics in this reach, 1.85m Kurt I. for scale.



Figure 8.- Two juvenile coho captured at waypoint 12.



Figure 9.- A map of the tributary of 112-15-10420 with waters addition and observation locations.



-ADD new AWC Stream #112-15-10420-2002 with COHO salmon REARING.
 -Please update using most recent GDB with line, point, lake, polygon and barrier features located in O:\DS\FIR5\AWC\Draft2026\GIS\Data\AWC2026_WorkingV1_7_April2025.gdb

Map #1

Now # 25-647



Map #3

~ADD new AWC Stream #112-15-10420-2002 with COHO salmon REARING.
 -Please update using most recent GDB with line, point, lake, polygon and barrier features located in O:\DS\FIR5\AWC\IDraft\2026\GISData\AWC2026_WorkingV1_7April2025.gdb

Map #2

Nov # 25-647



~ADD new AWC Stream #112-15-10420-2002 with COHO salmon REARING.
 -Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DS\FIR5\AWC\ID\m12026\GISIData\AWC2026_WorkingV1_7April2025.gdb

Map #3

Nov #25-647