



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern

USGS Quad(s) SITKA D-5

Anadromous Waters Catalog Number of Water Body 114-31-10130-2022-3003-4012-5009

Name of Water Body ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-606</u>	<u>Adam Rehm</u> Fisheries Scientist Date <u>7-10-2024</u>
Revision Year: <u>2025</u>	<u>Ron Benkert</u> Habitat Operations Manager Date <u>7/8/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Joseph H. H. H.</u> AWC Project Biologist Date <u>27 June 2024</u>
Revision Code: <u>A-2</u>	<u>P. a.</u> GIS Analyst Date <u>7/22/2024</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	07/18/2022		✓		✓
Dolly Varden	07/18/2022		✓	✓	
cutthroat trout	07/18/2022		✓	✓	

~ADD new AWC Stream #114-31-10130-2022-3003-4012-5009 with COHO salmon REARING.

Comments:

Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon.
Coordinates (Lat,Long): Upper(57.943758,-135.378963) Lower(57.942055,-135.393934)

Name of Observer (please print): Flynn Casey
Signature: 10.231.39.10 (Web Nomination) Date: 02/20/2024
Agency: _____
Address: PO Box 110024
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 3/16
Name of Area Biologist (please print): _____

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-31-10130-2022-3003-4012 Tributary 1

ADDITION

Water body name:

Quad: Sitka D-5

Upper Reach Latitude: 57.943758 **Longitude:** -135.378963

Lower Reach Latitude: 57.942055 **Longitude:** -135.393934

Survey date: 7/18/2022

Species & Lifestage:

Survey crew: RR, FC

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The tributary stream flows through a gravel channel fluctuating between 4-8% gradient, falling over several 3 ft tall log jams (Table 1; Figures 1–3).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 4).

Nomination: Pending

Table 1.–114-31-10130-2022-3003-4012 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1103	57.941621	-135.388327	Start of survey. Young-of-year coho capture.	6-8	Large Gravel Small Gravel		2-4	EF	2 CO 2 DV 1 CT
1104	57.941633	-135.388157	Where low priority tributary flows into main on river-left (could be a braid; see LiDAR).					Not Fished	
1105	57.941999	-135.386464	Gradient increases to 6-8% for ~400'.	4-6	Large Gravel Sand		4-6	EF	3 CO 1 DV 1 CT
1106	57.943235	-135.384094	Stream continuing to increase to 6-8% for 100-200' then flattening to 4-6%.	6-8	Large Gravel Cobble		6-8	EF	4 DV
1107	57.943616	-135.383009	1-yr coho capture.					EF	3 CO 2 DV
1108	57.943907	-135.380921	Tributary flowing into main on river-right.	2-4	Small Gravel	Spawning Substrate	4-6	EF	1 DV
1109	57.943853	-135.380654	2-3' logjam falls into 3' jump pool.			LWD		EF	5 DV
1110	57.943638	-135.380563						EF	2 CO 7 DV
1111	57.943783	-135.379004	Where tributary flows into main on river-right. Upper extent of coho caught on this tributary. Possibly because of frequent grade changes from 4-6% to 6-8% downstream. No barrier has been observed.	6-8	Large Gravel Cobble		4-6	EF	2 CO 4 DV
1112	57.944158	-135.377932	Stopping surveying on this tributary, only Dolly Varden were caught. Heading back to main.	6-8	Cobble Large Gravel	LWD	6-8	EF	6 DV

Table 1.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1113	57.944244	-135.378440	Need survey on this tributary. 2' falls into 6" jump pool. Stream extremely overgrown with thick devils club surrounding it.	1-2	Small Gravel Fine Organic	Incised Channel Cut Banks	4-6	EF	No Fish
1114	57.943854	-135.377666		6-8	Small Gravel Sand	LWD	4-6	EF	7 DV 2 CT
1115	57.943631	-135.377437	3' logjam/bedrock falls onto bedrock. 50' upstream there is another 3' logjam falls onto roots with no real jump pool. Only Dolly Varden caught above first falls.	6-8	Small Gravel Sand	SWD LWD	4-6	EF	3 DV



Figure 1.—Juvenile coho salmon, Dolly Varden, and cutthroat trout captured at waypoint 1103.



Figure 2.—Channel at waypoint 1103.



Figure 3.—Log jam falls at waypoint 1109.

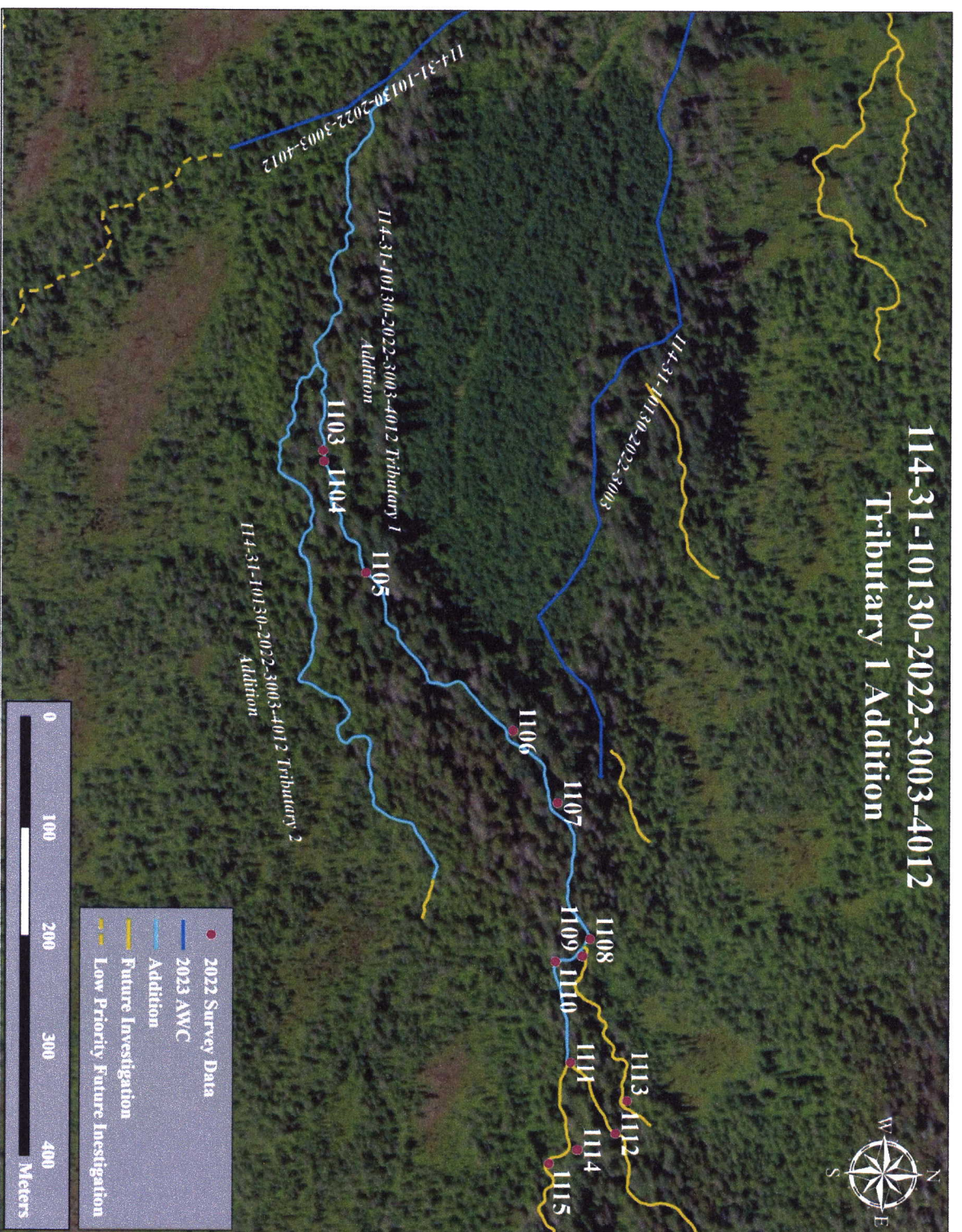
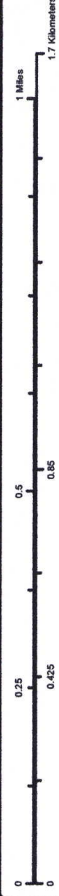


Figure 4.—114-31-10130-2022-3003-4012 tributary 1 addition map.

-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DS\FIR5AWC\IDraft\2025\GIS\DATA\AWC_2025\update_WORKINGv1_day-month-yr.gdb



Map #1

Non #24-606

