



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern

USGS Quad(s) SITKA D-4

Anadromous Waters Catalog Number of Water Body 112-50-10100-2051

Name of Water Body ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-571</u>	<u>Adam Reim</u> Fisheries Scientist Date <u>7-10-2024</u>
Revision Year: <u>2025</u>	<u>Ron Berkert</u> Habitat Operations Manager Date <u>7/18/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Joseph Kiefer</u> AWC Project Biologist Date <u>2 July 2024</u>
Revision Code: <u>A-2</u>	<u>P. L.</u> GIS Analyst Date <u>7/14/2024</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/29/2022		✓		✓

~ADD new AWC Stream #112-50-10100-2051 with COHO salmon REARING.

Comments:

Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon.
Coordinates (Lat,Long): Upper(57.830300,-135.081386) Lower(57.835391,-135.065557)

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



112-50-10100 Tributary 1

ADDITION

Water body name:

Survey date: 8/29/2022

Quad: Sitka D-4

Species & Lifestage:

Upper Reach Latitude: 57.830300 **Longitude:** -135.081386

Survey crew: FC, RR

Lower Reach Latitude: 57.835391 **Longitude:** -135.065557

Findings: We surveyed this uncataloged stream using baited minnow traps and GPS and captured juvenile coho salmon. Pictures of juvenile coho salmon were not saved properly; however, fish identification was verified by a Habitat Biologist. We captured Dolly Varden and cutthroat trout in adjacent tributaries. The tributary stream flows through a steeply incised channel and passes under a bridge, where the river-left abutment has eroded (Table 1; Figures 1, 2).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 3).

Nomination: Pending

Table 1.—112-50-10100 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1630	57.830303	-135.081430	Stream under bridge, river-left abutment has some significant erosion. Stream is in 100-200' incised channel and is moving very fast. Minnow trap reset due to changes in water levels (trap was not submerged upon first check).	20-25	Boulder Bedrock	Incised Channel	6-8	MT	2 CO
1631	57.829166	-135.070122	Bridge going over stream. Abutments in good condition. Minnow trap reset.	12-15	Boulder Cobble		6-8	MT	No Fish
1632	57.826043	-135.057947	8' CMP, misaligned with stream, with a 2' perch into a large jump pool. Gradient downstream 6-8%; upstream the gradient increases to 10-12%. Minnow trap set downstream.	8-10	Small Gravel Large Gravel		4-6	MT	2 DV 2 CT
1633	57.824833	-135.046869	3' CMP, minnow trap set downstream. 1 CT in trap; electrofished and found only resident fish.	6-8	Small Gravel Sand		4-6	MT	3 CT 1 DV

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1634	57.825384	-135.032418	6' CMP, downstream 2-4% gradient. Upstream increases to 6-8% with marginal rearing habitat. Minnow trap set downstream of culvert, but upstream of beaver dam (noticed upon return). Resident fish capture. Reset minnow trap downstream of dam; continued resident fish capture.	6-8	Small Gravel	Spawning Substrate	4-6	MT	12 CT



Figure 1.—Bridge surface at waypoint 1630.



Figure 2.—Erosion on river-left embankment at waypoint 1630.



Figure 3.-112-50-10100 tributary 1 addition map.



SITKA D-4

Map #2

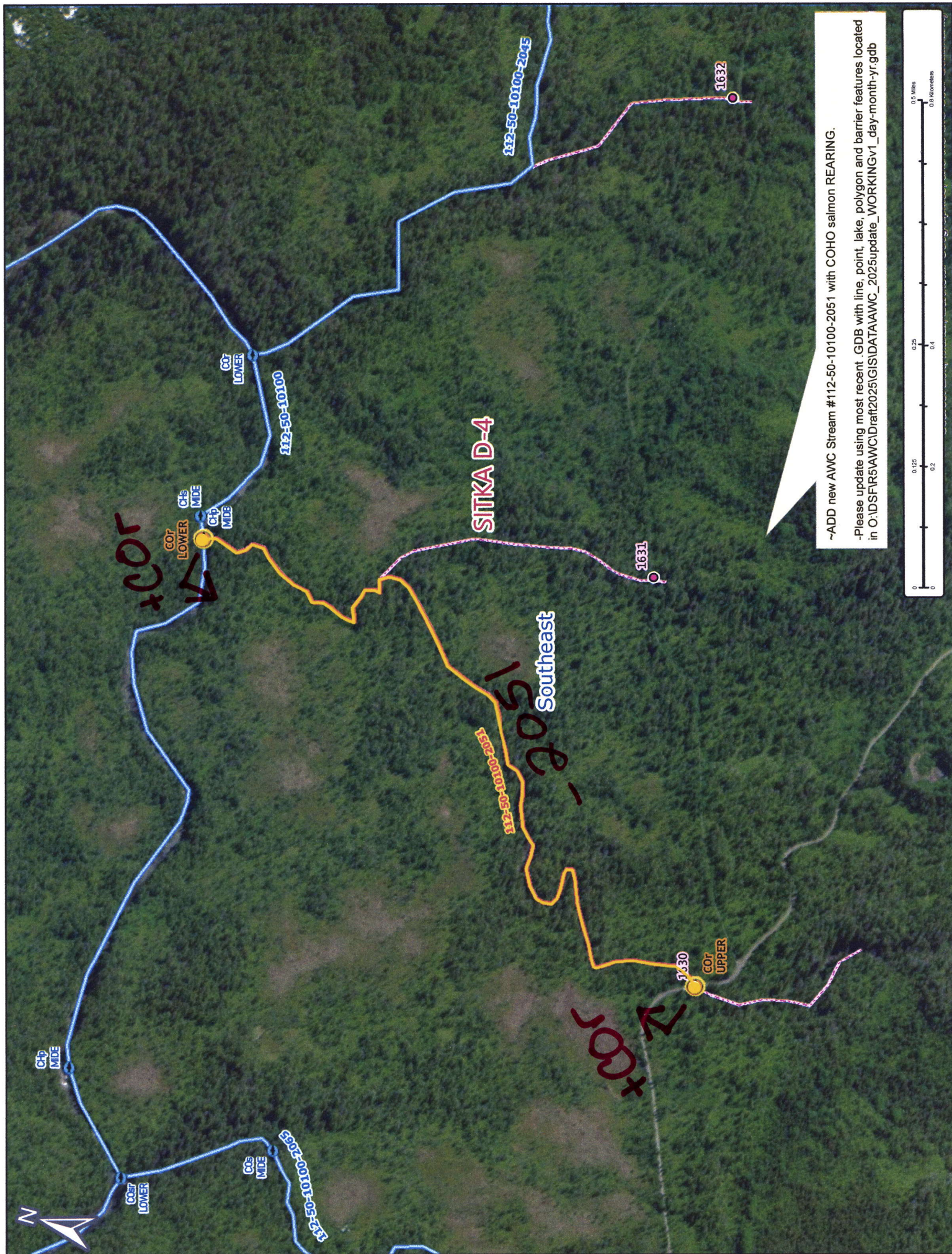
Southeast

*See Also Norm's #24-570, #24-572, #24-573, #24-574, #24-575, #24-576, #24-577.

~ADD new AWC Stream #112-50-10100-2051 with COHO salmon REARING.
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFIR5\AWC\Draft2025\GIS\DATA\AWC_2025update_workingv1_day-month-yr.gdb

Map #1

Norm #24-571



~ADD new AWC Stream #112-50-10100-2051 with COHO salmon REARING.
-Please update using most recent GDB with line, point, lake, polygon and barrier features located in O:\DSFIR5\AWC\Draft2025\GIS\DATA\AWC_2025\update_WORKINGv1_day-month-yr.gdb