



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 -2065

Name of Water Body ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-576</u>	<u>Adam Reim</u> Fisheries Scientist Date <u>7-10-2024</u>
Revision Year: <u>2025</u>	<u>Ron Bankus</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-1, E-9</u>	<u>P. A.</u> GIS Analyst Date <u>7/14/2024</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/30/2022		✓		✓
Dolly Varden	08/30/2022		✓	✓	

~EXTEND existing AWC Stream #112-50-10100-2065 with COHO salmon REARING.

~ADD new BARRIER above existing AWC Stream #112-50-10100-2065.

Comments:

Extend upper extent of Stream No. 112-50-10100-2065 in the anadromous waters catalog. Add anadromous fish barrier.
Coordinates (Lat,Long): Upper(57.833979,-135.099086) Lower(57.834031,-135.088662)

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



112-50-10100-2065

ADDITION

Water body name:

Quad: Sitka D-4

Upper Reach Latitude: 57.833979 **Longitude:** -135.099086

Lower Reach Latitude: 57.834031 **Longitude:** -135.088662

Survey date: 8/30/2022

Species & Lifestage: COsr

Survey crew: FC, RR

Findings: We surveyed this cataloged stream up to an anadromous fish barrier using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon and Dolly Varden. The stream falls over a 12-to-15 ft tall bedrock falls, blocking fish passage, and flows through a broad channel, passing under a bridge downstream (Table 1; Figures 1–3).

Recommendations: Extend upper extent of Stream No. 112-50-10100-2065 in the anadromous waters catalog. Add anadromous fish barrier (Figure 4).

Nomination: Pending

Table 1.–112-50-10100-2065 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1629	57.834408	-135.089950	3' CMP with 3' perch onto riprap. Minnow trap set downstream.	6-8	Large Gravel Small Gravel		2-4	MT	1 DV
1638	57.833787	-135.090696	Bridge over stream, some riprap has fallen into stream. Minnow trap reset due to changes in water level (trap was not submerged upon first check).	15-20	Boulder Cobble		4-6	MT	16 CO 5 DV
1650	57.834416	-135.105537	Minnow trap soaked overnight. Resident fish capture only. Returning to survey downstream via electrofishing.	20-25	Large Gravel Small Gravel	Log Jams	2-4	MT	25 DV
1651	57.833152	-135.123160	3' wide CMP with 6" perch onto rip rap then flowing into meet stream which has primarily braided around pipe where a large amount of material has eroded away from road, carving out unpassable ditch and exposing river-left side of culvert near outlet. Some water flowing down small hole and into pipe. Gradient on either side likely precludes fish passage.	6-8	Large Gravel Small Gravel	Incised Channel	10-12	Not Fished	

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1652	57.832562	-135.122168	Minnow trap soaked overnight in large side pool near bend to river-left; downstream there's a series of 1' tall falls. Faster flows than observed at downstream minnow trap site. Resident fish capture only.	20-25	Large Gravel Small Gravel	Spawning Substrate	4-6	MT	5 DV
1654	57.834408	-135.103414	2' log jam falls, possible temporary barrier, only DV caught upstream.	15-20	Sand Large Gravel	LWD	4-6	EF	4 DV
1655	57.834189	-135.099111	12-15' bedrock falls with no transitional jump pools evident. Only resident fish capture upstream.	15-20	Bedrock		4-6	EF	
1656	57.834036	-135.098978	Coho caught below barrier.					EF	2 CO 1 DV



Figure 1.—Juvenile coho salmon captured at waypoint 1638.



Figure 2.—Downstream view of channel at waypoint 1656.



Figure 3.—Bedrock falls comprising an anadromous barrier at waypoint 1655.



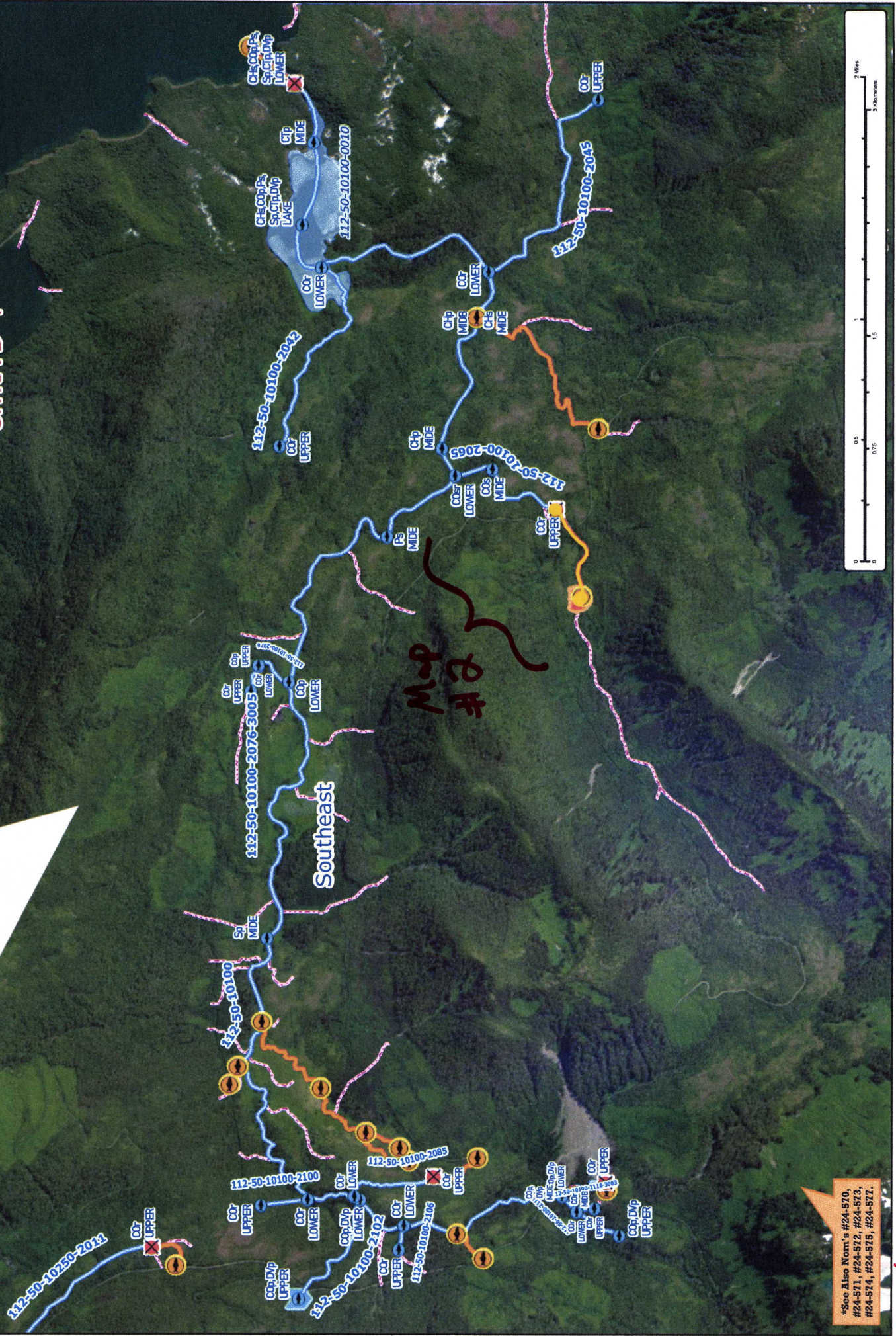
Figure 4.—Stream No. 112-50-10100-2065 addition map.

-EXTEND existing AWC Stream #112-50-10100-2065 with COHO salmon REARING.

-ADD new BARRIER above existing AWC Stream #112-50-10100-2065.

-Please update using most recent GDB with line, point, lake, polygon and barrier features located in O:\DSFR5\AWC\Draft\2025\GIS\DATA\AWC_2025update_WORKING\vi_day-month-yr.gdb

SITKA D-4



*See Also Nori's #24-570, #24-571, #24-572, #24-573, #24-574, #24-575, #24-577.

Map #24-576
Map #1

~EXTEND existing AWC Stream #112-50-10100-2065 with COHO salmon REARING.

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-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSF\IR5\AWC\Draft\2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb

