



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern

USGS Quad(s) JUNEAU A-5 SE

Anadromous Waters Catalog Number of Water Body 114-31-10100-2020

Name of Water Body ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-542</u>	<u>Adam Reim</u> Fisheries Scientist Date <u>7-8-2024</u>
Revision Year: <u>2025</u>	<u>Ron Berkus</u> Habitat Operations Manager Date <u>7/9/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Joseph Kuhn</u> AWC Project Biologist Date <u>26 June 2024</u>
Revision Code: <u>A-1</u>	<u>Ron Harv</u> GIS Analyst Date <u>7/30/24</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/26/2022		✓		✓
Dolly Varden	08/26/2022		✓	✓	
cutthroat trout	08/26/2022		✓	✓	

~EXTEND existing AWC Stream #114-31-10100-2020 with COHO salmon REARING.

Comments:

Extend upper extent of Stream No. 114-31-10100-2020 in the anadromous waters catalog.
Coordinates (Lat,Long): Upper(58.070522,-135.419803) Lower(58.074540,-135.400286)

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



114-31-10100-2020

ADDITION

Water body name:

Quad: Juneau A-5

Upper Reach Latitude: 58.070522 **Longitude:** -135.419803

Lower Reach Latitude: 58.074540 **Longitude:** -135.400286

Survey date: 8/26/2022

Species & Lifestage: CO_R

Survey crew: FC, RR

Findings: We surveyed this cataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The tributary stream flows through a series of small rootwad and woody debris jams and has a reach of low-gradient channel with spawning substrate (Table 1; Figures 1–3).

Recommendations: Extend upper extent of Stream No. 114-31-10100-2020 in the anadromous waters catalog (Figure 4).

Nomination: Pending

Table 1.–114-31-10100-2020 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1581	58.073272	-135.404295	Returning to stream to continue survey. 1-yr CO capture.	8-10	Small Gravel Large Gravel	Spawning Substrate LWD	2-4	EF	2 CO
1582	58.072627	-135.407251	Continued 1-yr CO capture.	6-8	Small Gravel Large Gravel	Incised Channel LWD	2-4	EF	2 CO 2 DV 2 CT
1583	58.072362	-135.410256	Series of 1-3' woody debris jams with water flowing through. Gradient slightly increasing compared to downstream. 2-yr CO capture upstream of debris jams where stream becomes wider & deeper with spawning substrate and cut banks. Starts to border muskeg ~150-200' further upstream.	8-10	Small Gravel Large Gravel	Incised Channel SWD	4-6	EF	2 CO
1584	58.072137	-135.413741	Continued 2-yr CO capture.	4-6	Small Gravel Sand	Spawning Substrate	1-2	EF	2 CO 1 CT 1 DV
1585	58.072174	-135.415378	Confluence of main with river-right tributary.	6-8	Small Gravel Large Gravel	Spawning Substrate	1-2	EF	1 DV
1586	58.072304	-135.415529	Continued 2-yr CO capture on main.	6-8	Small Gravel Large Gravel	Spawning Substrate Cut Banks	1-2	EF	2 CO

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1587	58.071806	-135.415649	Advanced upstream on tributary from confluence with main to this waypoint, shocking all along the way. Near-immediate loss of spawning substrate and becomes slightly more marginal for CO rearing habitat. Water tannic and dark, making electrofishing difficult. Resident fish capture only; end of survey on this tributary.	2-4	Small Gravel Fine Organic	Cut Banks	2-4	EF	1 CT 2 DV
1588	58.071963	-135.416890	Continued 1-yr CO capture.						2 CO 1 DV 1 CT
1589	58.071095	-135.417935	Gradient increasing slightly compared to downstream. Continued 1-yr & 2-yr CO capture.	4-6	Small Gravel Large Gravel	Spawning Substrate Cut Banks	4-6	EF	2 CO 1 CT 1 DV
1590	58.070511	-135.419706	Continued 1-yr & young-of-year CO capture.	2-4	Small Gravel Large Gravel	Cut Banks	4-6	EF	2 CO
1591	58.070311	-135.419809	Series of 1-2' rootwad falls without much of a jump pool; could constitute temporary barrier to fish passage.					EF	2 CT 1 DV
1592	58.070024	-135.420078	Continued resident fish capture. Rootwad falls downstream may constitute temporary barrier. Gradient increasing upstream.	2-4	Small Gravel Large Gravel	Incised Channel Cut Banks	6-8	EF	2 CT 1 DV



Figure 1.—Juvenile coho salmon captured at waypoint 1581.



Figure 2.—Upstream view of stream No. 114-31-10100-2020 at waypoint 1585.

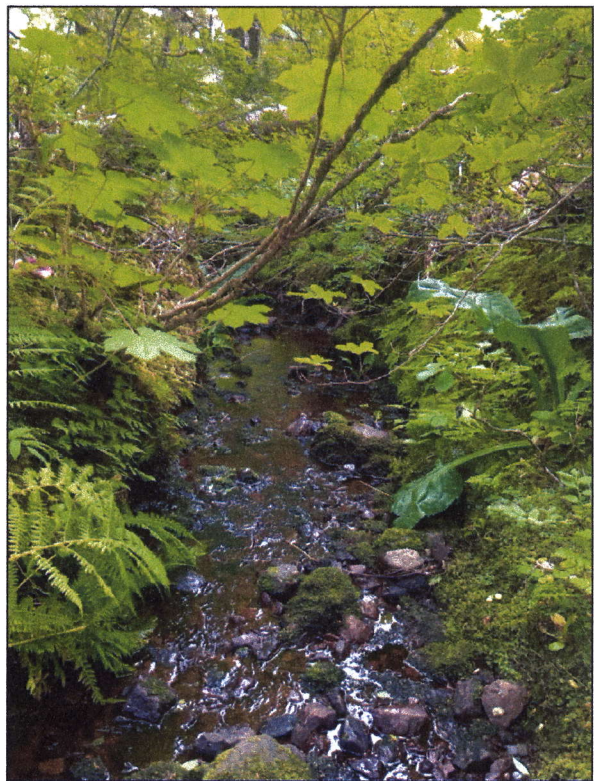
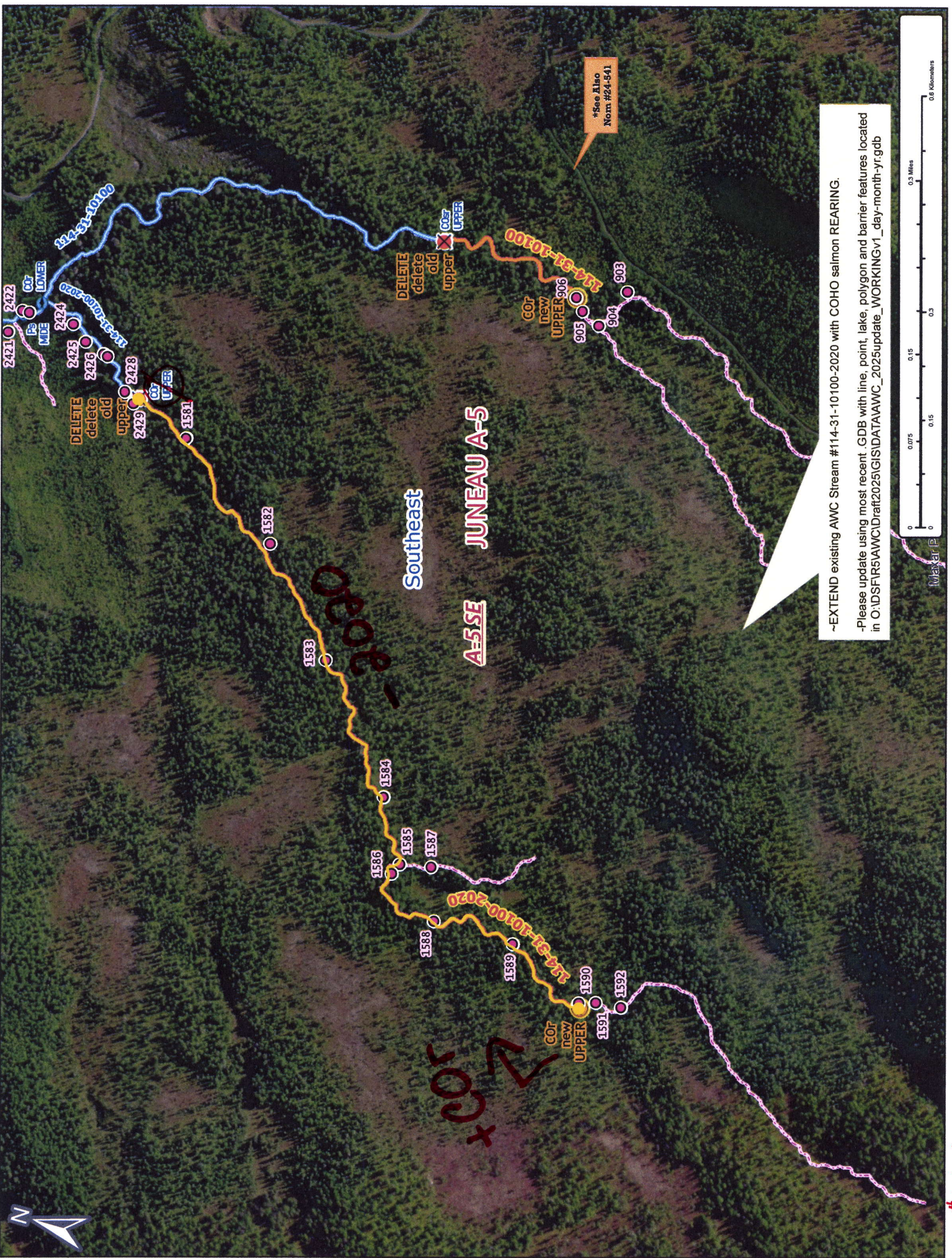


Figure 3.—Upstream view of stream No. 114-31-10100-2020 at waypoint 1589.



Figure 4.--Stream No. 114-31-10100-2020 addition map.



~EXTEND existing AWC Stream #114-31-10100-2020 with COHO salmon REARING.
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DS\FIR5\AWC\Draft2025\GIS\DATA\AWC_2025update_WORKING_v1_day-month-yr.gdb

Dom # 24-542

Map # 2