



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern USGS Quad(s) JUNEAU A-4

Anadromous Waters Catalog Number of Water Body 114-27-10300-2001-3007

Name of Water Body ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	<u>24-567</u>	<u>Adam Kelm</u>	<u>7-8-2024</u>
		Fisheries Scientist	Date
Revision Year:	<u>2025</u>	<u>Ron Bankus</u>	<u>7/9/2024</u>
		Habitat Operations Manager	Date
Revision to:	<input checked="" type="checkbox"/> Atlas	<u>Chris Kelm</u>	<u>4 July 2024</u>
	<input checked="" type="checkbox"/> Catalog	AWC Project Biologist	Date
Revision Code:	<u>A-2d</u>	<u>P. C.</u>	<u>7/18/2024</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/23/2022		✓		✓
Dolly Varden	06/23/2022		✓	✓	

~ADD new AWC Stream #114-27-10300-2001-3007 with COHO salmon REARING.

Comments:

Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon.
Coordinates (Lat,Long): Upper(58.087620,-135.276942) Lower(58.087684,-135.278895)

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



114-27-10300 Tributary 2

ADDITION

Water body name:

Quad: Juneau A-4

Upper Reach Latitude: 58.087620 **Longitude:** -135.276942

Lower Reach Latitude: 58.087684 **Longitude:** -135.278895

Survey date: 6/23/2022

Species & Lifestage:

Survey crew: FC, RR

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and scuplin. The tributary stream has potential rearing coho habitat upstream, but flows through a few 1-to-2 ft tall log jams that may temporarily block juvenile fish passage (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.—114-27-10300 tributary 2 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
833	58.087719	-135.277358	Start of survey on tributary. Tidally-influenced muskeg area with sedge grasses. Advancing upstream.	2-4	Sand Fine Organic		0-1	EF	No Fish
834	58.087619	-135.276969	Young-of-year CO capture.					EF	2 CO 2 SC
835	58.087573	-135.276770	Substrate change and increased gradient at tree-line. Small 8-12" tall log jam may cause temporary barrier to rearing juvenile fish. Resident fish capture upstream of log jam.	2-4	Small Gravel Sand	Log Jams	4-6	EF	1 DV
836	58.087264	-135.276362	Two 1-2' tall log jams within ~25' reach; presents likely temporary barrier to rearing juvenile fish. Resident fish capture only since last waypoint.	2-4	Sand Fine Organic		4-6	EF	3 DV
837	58.087169	-135.276211	Gradient increasing. Only resident fish capture upstream of tree-line. Looks like potential good habitat for rearing juvenile fish, so may be candidate for future investigation at higher flow or once log jams rot out. Not good spawning habitat. End of survey on tributary.	2-4	Sand Small Gravel	Log Jams	6-8	EF	3 DV

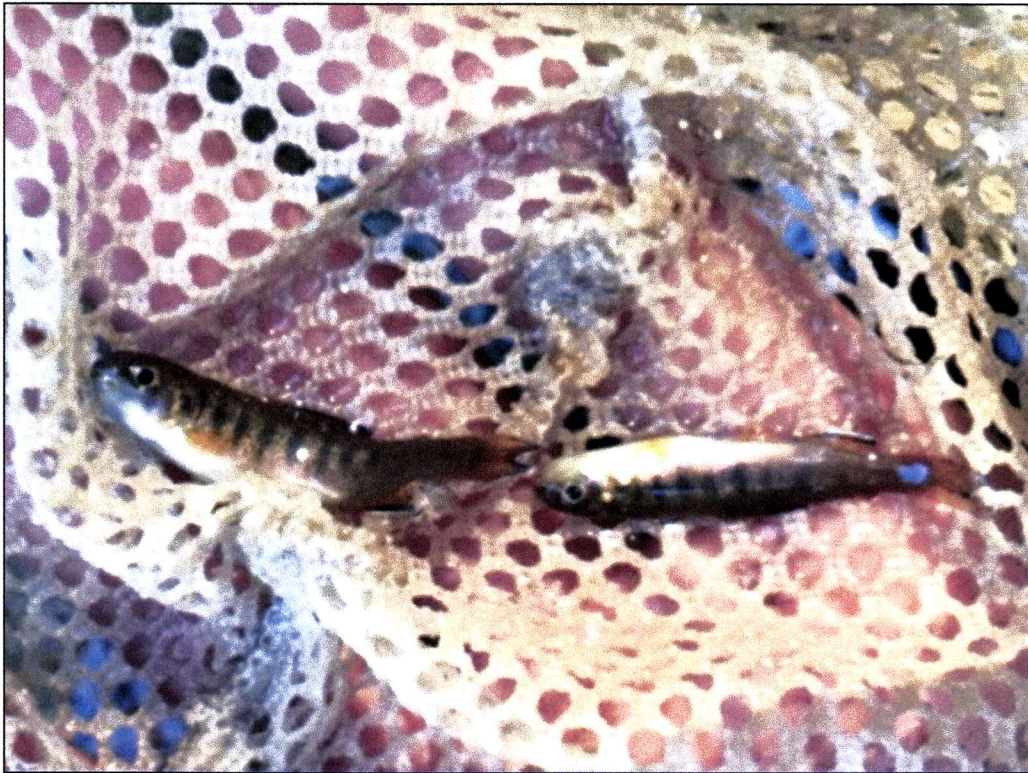


Figure 1.—Juvenile coho salmon captured at waypoint 834.



Figure 2.—Channel emerging from forest at waypoint 835.

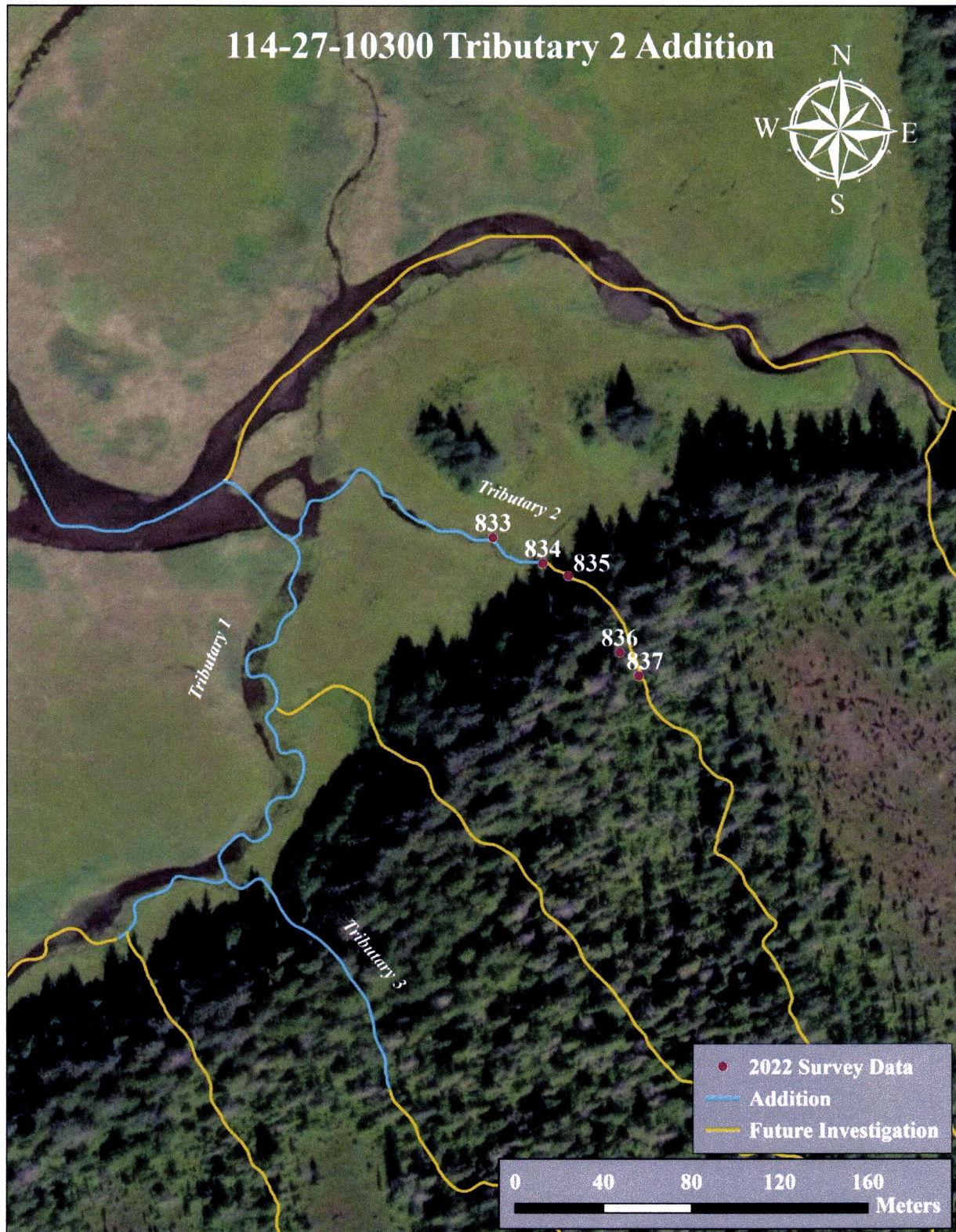


Figure 3.-114-27-10300 tributary 2 addition map.

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Map #2



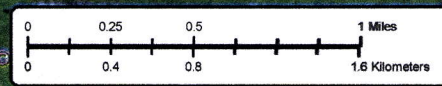
~ADD new AWC Stream #114-27-10300-2001-3007 with COHO salmon REARING.
 -Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSF\R5\AWC\Draft2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb

*See Also Nom's #24-566, #24-568, #24-569, #24-613, #24-614, #24-616, #24-617, #24-619, #24-620, #24-621, #24-622, #24-623, #24-624, #24-625, #24-695

A-5 SE

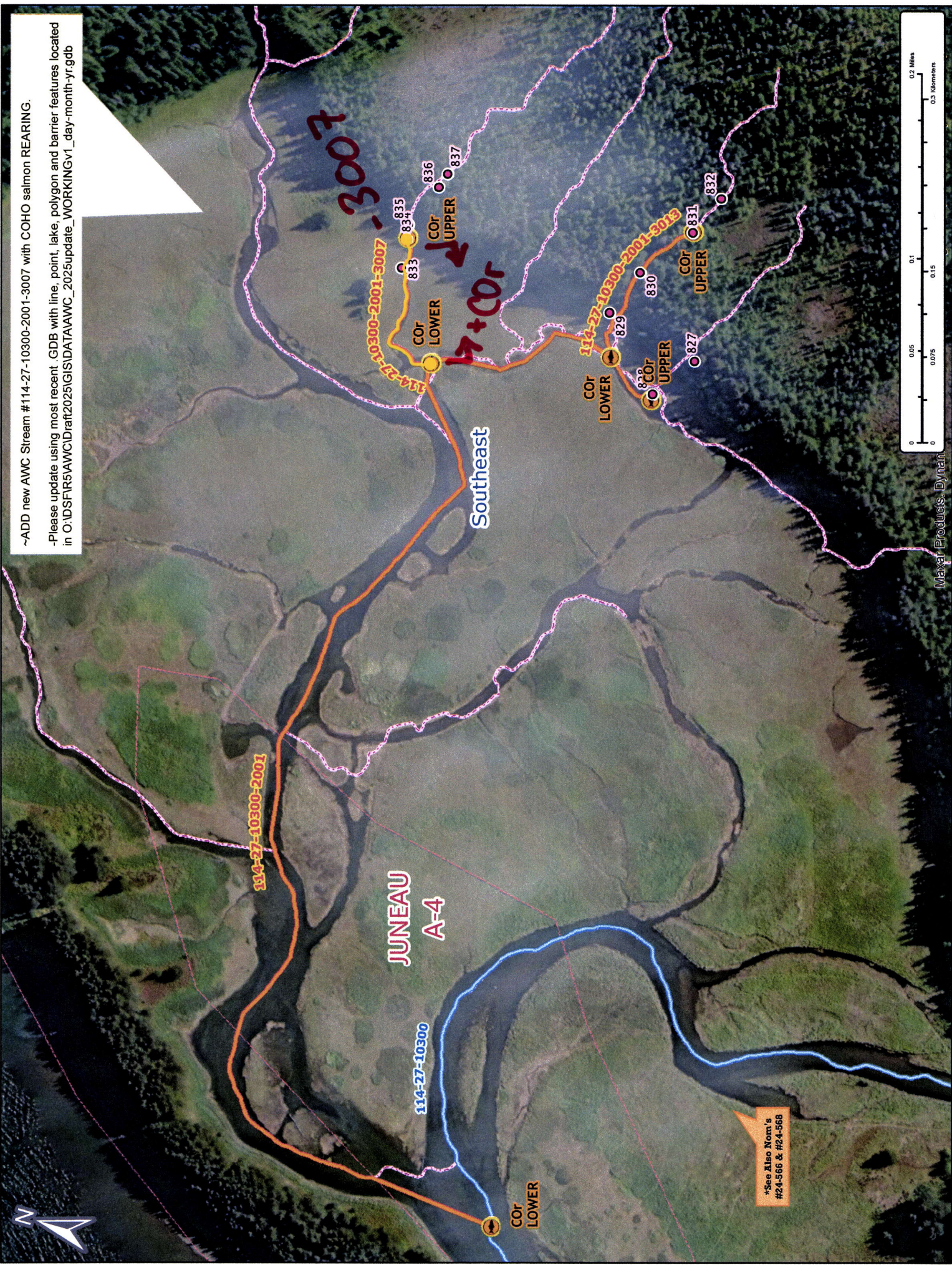
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 Geospatial Office, USGS



Nom #24-567

Map #1



~ADD new AWC Stream #114-27-10300-2001-3007 with COHO salmon REARING.
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSF\IR5\AWC\Draft2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb

*See Also Nom's #24-566 & #24-568

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Map #2

Nom #24-567