



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 114-31-10090-2031-3010

Name of Water Body ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-548</u>	<u>Adam Reum</u> Fisheries Scientist Date <u>7-8-2024</u>
Revision Year: <u>2025</u>	<u>Ron Bankert</u> Habitat Operations Manager Date <u>7/9/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Joseph R. R.</u> AWC Project Biologist Date <u>26 June 2024</u>
Revision Code: <u>A-2</u>	<u>Ron H.</u> GIS Analyst Date <u>7/29/24</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/25/2022		✓		✓
coho salmon	07/11/2022		✓		✓
Dolly Varden	06/25/2022		✓	✓	
cutthroat trout	06/25/2022		✓	✓	

~ADD new AWC Stream #114-31-10090-2031-3010 with COHO salmon REARING.

Comments:

Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon.
Coordinates (Lat,Long): Upper(58.083986,-135.351189) Lower(58.084668,-135.364167)

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



114-31-10090-2031 Tributary 1

ADDITION

Water body name:

Survey date: 6/25/2022; 7/11/2022; 7/22/2022

Quad: Juneau A-5

Species & Lifestage:

Upper Reach Latitude: 58.083986 **Longitude:** -135.351189

Survey crew: FC, RR

Lower Reach Latitude: 58.084668 **Longitude:** -135.364167

Findings: We surveyed this uncataloged stream using baited minnow traps, a backpack electrofisher, and GPS. We captured juvenile coho salmon, Dolly Varden, cutthroat trout, and sculpin. The tributary stream flows over several log jams and has reaches of suitable coho spawning and rearing habitat upstream of ponding from beaver dams (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.–114-31-10090-2031 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
843	58.084667	-135.364108	Lots of deep stagnant pooled water; somewhat disconnected. Beaver dam present and more likely upstream. Minnow trap soaked ~2.5 hrs. 1-yr CO capture. Should return and survey upstream with more traps and/or electrofisher if tributary becomes more channelized.		Sand Fine Organic	Beaver Pond Large Pool	1-2	MT	2 CO 19 DV 5 CT
991	58.084686	-135.363731	2-3' falls over log jam. Minnow trap soaked upstream of log jam at 1210.	8-10	Small Gravel Large Gravel	Large Pool	1-2	MT	3 CO 1 CT 13 DV 1 SC
992	58.084214	-135.360644	Suitable rearing and spawning CO habitat. Minnow trap soaked at 1225.			Log Jams Spawning Substrate		MT	4 CO 11 DV 4 CT
993	58.084502	-135.358398	Minnow trap soaked downstream of small log jam (likely not temporary barrier to fish passage).					MT	3 CO 7 DV 8 CT
994	58.084266	-135.357671	1-yr CO visual ID.					VI	5 CO
995	58.084215	-135.354509	Minnow trap soaked at 1255. Gradient increasing to 4-6% for ~100' upstream, then returning to 2-4%.	10-12	Small Gravel Large Gravel	Log Jams Cut Banks	2-4	MT	1 DV 4 CT

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
996	58.084426	-135.351411	Confluence of main tributary with river-right tributary.						
997	58.083989	-135.351287	Gradient increasing. Increasing occurrence of bedrock channels. Minnow trap soaked downstream of log jam. Log jam is a likely temporary barrier for coho.	4-6	Large Gravel Small Gravel		6-8	MT	2 CO 1 DV
998	58.083569	-135.350244	Minnow trap soaked downstream of log jam.					MT	1 DV 4 CT
999	58.083332	-135.348501	Minnow trap soaked at 1340. Gradient has periodically increased and decreased slightly but no true FRPA barrier this far upstream. Out of traps; end of survey. May continue pending fish capture from minnow traps.					MT	2 CT 2 DV
1198	58.083441	-135.349422	Starting survey via electrofishing.	4-6	Small Gravel Fine Organic	Incised Channel Cut Banks	2-4	EF	2 DV 2 CT
1199	58.083468	-135.348995	End of upstream investigation. Thought electrofishing would be more effective for coho capture. None caught above the bedrock channel.					EF	5 DV



Figure 1.—Tributary 1 at waypoint 995.



Figure 2.—Juvenile coho salmon captured at waypoint 991.



Figure 3.—Log and rootwad jam at waypoint 997.

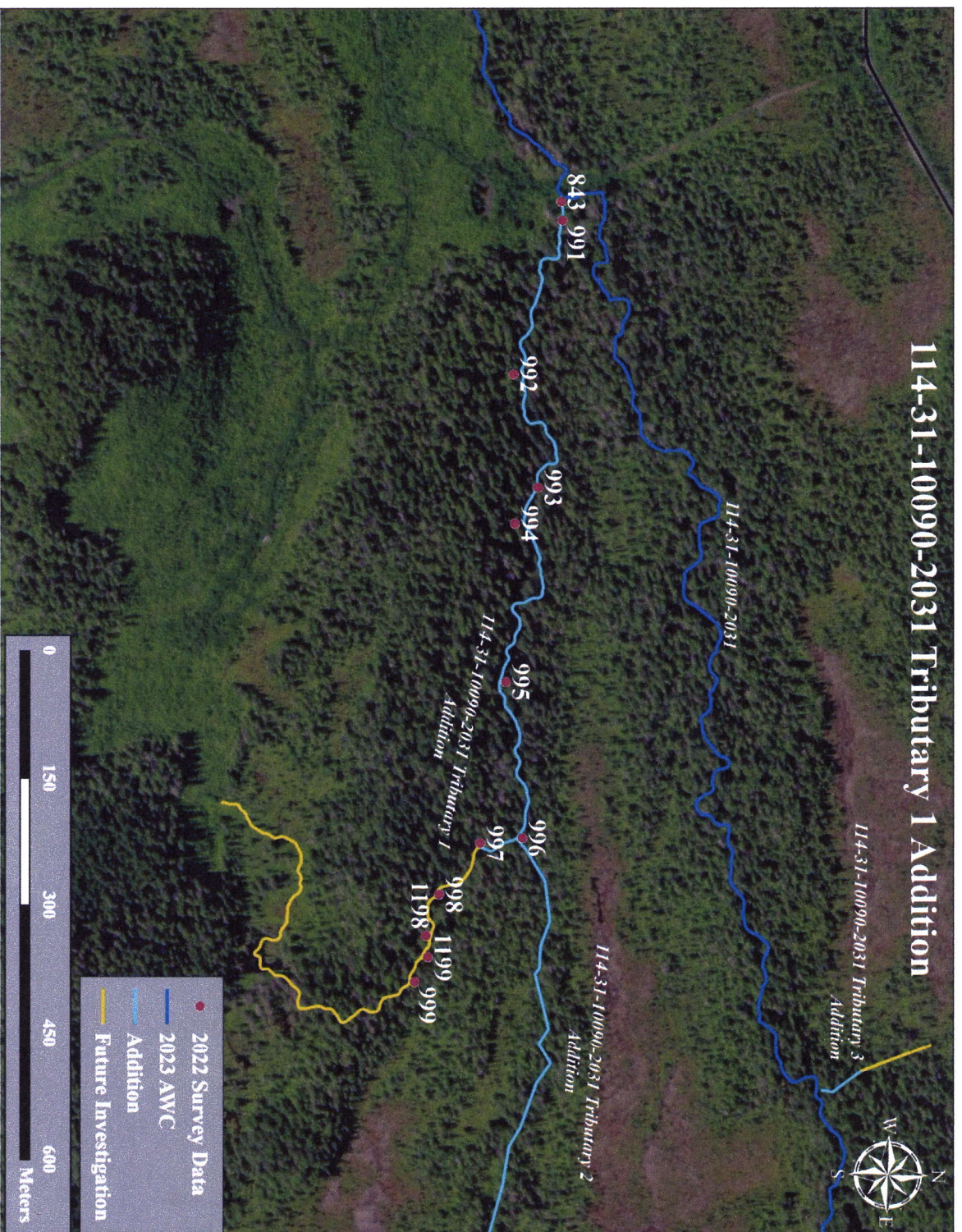
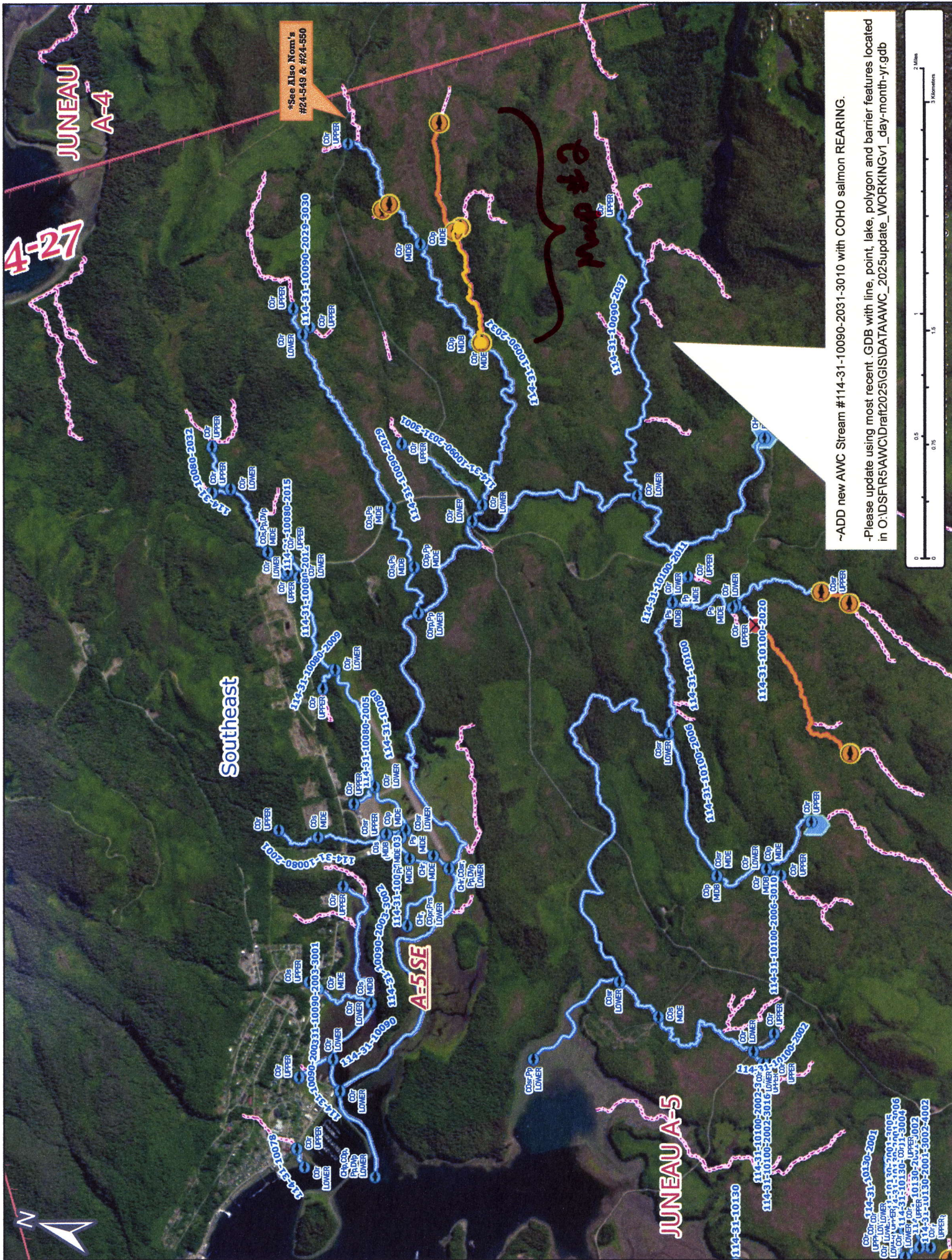


Figure 4.—114-31-10090-2031 tributary 1 addition map.



Nom #24-548

Map #1

