



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 114-31-10090-2031-3010-4009

Name of Water Body ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-549</u>	<u>Adam Kern</u> Fisheries Scientist Date <u>7-8-2024</u>
Revision Year: <u>2025</u>	<u>Ron Benkung</u> Habitat Operations Manager Date <u>7/9/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Chris Stephens</u> AWC Project Biologist Date <u>26 June 2024</u>
Revision Code: <u>A-2</u>	<u>Ramona</u> GIS Analyst Date <u>7/29/24</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	07/22/2022		✓		✓
coho salmon	09/06/2022		✓		✓
Dolly Varden	07/22/2022		✓	✓	
cutthroat trout	07/22/2022		✓	✓	

~ADD new AWC Stream #114-31-10090-2031-3010-4009 with COHO salmon REARING.

Comments:

Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon.
Coordinates (Lat,Long): Upper(58.083475,-135.33931) Lower(58.084374,-135.351396)

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 2

ADDITION

Water body name:

Survey date: 7/12/2022; 7/22/2022; 9/6/2022

Quad: Juneau A-5

Species & Lifestage:

Upper Reach Latitude: 58.083475 **Longitude:** -135.339310

Survey crew: FC, RR

Lower Reach Latitude: 58.084374 **Longitude:** -135.351396

Findings: We surveyed this uncataloged stream using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The tributary stream flows over several beaver dams and has a reach of channel with spawning substrate (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 2 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1005	58.084601	-135.348726	Future investigation. Extension of tributary on river-right of main channel; would be good for electrofishing.					Not Fished	
1200	58.084464	-135.351201	Start of survey on stream. Within 20' from main channel there are 2' log jams and pools, not barriers.	6-8	Large Gravel Small Gravel	Log Jams	2-4	EF	2 CO 1 CT
1201	58.084677	-135.350565						EF	2 CO 1 CT
1202	58.084736	-135.349780	Stream is becoming more incised, with bedrock beginning to be exposed.	4-6	Large Gravel	Incised Channel	6-8	EF	1 CO
1203	58.084658	-135.349274	Track of stream.						
1204	58.084627	-135.348830	Stream begins to flatten out again, no bedrock exposed.	8-10	Small Gravel	Spawning Substrate	2-4	EF	2 CO 2 CT 1 DV
1205	58.084679	-135.348086	Track of stream.						
1206	58.084769	-135.347611	Stream goes subsurface and begins to have deep cut banks.	6-8	Fine Organic Small Gravel	Cut Banks	2-4	EF	
1207	58.084645	-135.347279	Track of stream.						
1208	58.084791	-135.346930						EF	2 CO
1209	58.084634	-135.346527	Track of stream.						
1210	58.084487	-135.345625	Track of stream.						
1211	58.084368	-135.345249		4-6	Small Gravel Fine Organic	Incised Channel SWD	2-4	EF	1 DV 2 CO
1212	58.084317	-135.344444	Track of stream.						

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1213	58.084105	-135.342912	Small beaver dam with a small pond upstream; part of stream going around. Series of 2' beaver dams further upstream.	6-8	Small Gravel	Beaver Pond SWD	4-6	EF	2 CO
1214	58.084094	-135.342336	Larger beaver dam, 2-3' tall and 5' wide filled with dirt and debris. Stream becomes very deep upstream, not good conditions for electrofishing.					EF	No Fish
1215	58.084095	-135.341632	5' tall beaver dam. Electrofishing has become ineffective because stream is extremely deep and wide. There is a lot of potential habitat and there is a small stream going through this beaver dam. Returning to continue survey upstream via minnow traps. Minnow traps soaked downstream and upstream of beaver dam overnight. Downstream fish capture: 2 CO, 2 CT, 1 DV; upstream: 5 CO, 7 DV, 1 CT.					MT	7 CO 3 CT 8 DV
1673	58.083509	-135.339619	Minnow traps soaked downstream and upstream of 1-2' tall beaver dam overnight. 2-yr+ CO capture (all fish capture in upstream trap; no fish capture downstream).					MT	5 CO 2 DV 1 CT
1674	58.083478	-135.339331	Minnow trap soaked upstream of 1-2' tall beaver dam overnight. 1-yr and 2-yr CO capture.					MT	3 CO 1 CT 3 DV
1675	58.083157	-135.338236	Stream becomes slightly more channelized compared to downstream before additional ~3' tall beaver dam, pooled upstream of dam. Minnow trap soaked upstream of beaver dam overnight.	2-4	Small Gravel Large Gravel		1-2	MT	3 DV 1 CT
1676	58.082407	-135.336334	Minnow trap soaked upstream of 1-2' tall beaver dam overnight.	4-6	Fine Organic		1-2	MT	1 CT



Figure 1.—Juvenile coho salmon captured at waypoint 1673.

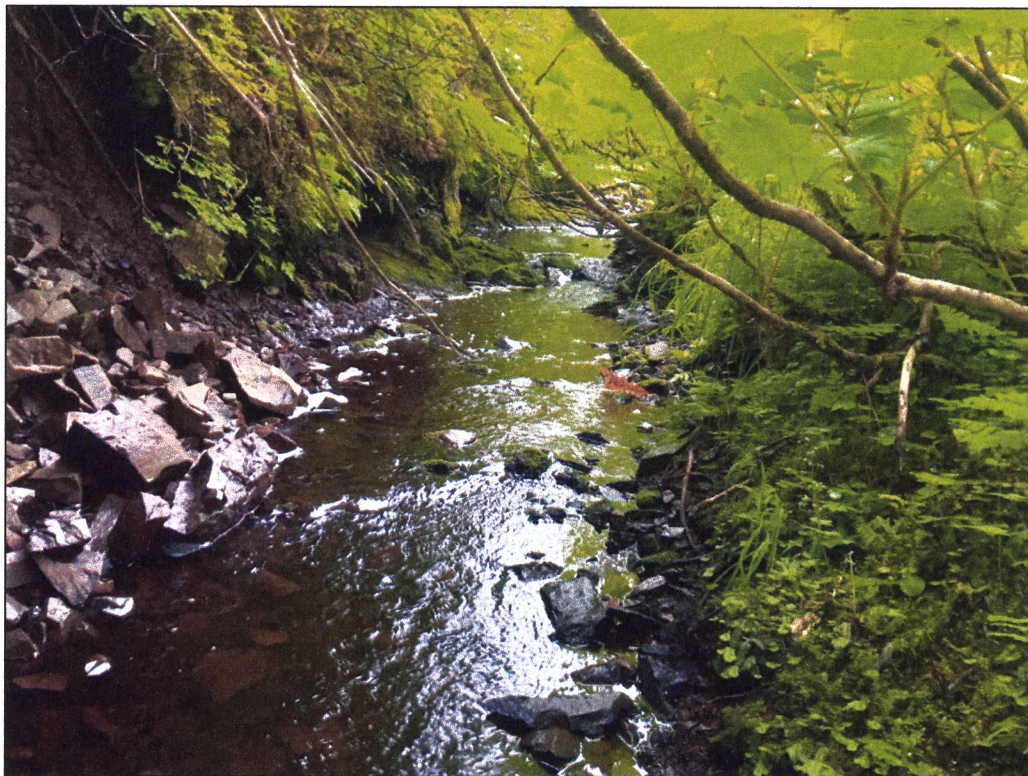


Figure 2.—Tributary 2 at waypoint 1200.



Figure 3.—Beaver dam at waypoint 1673.

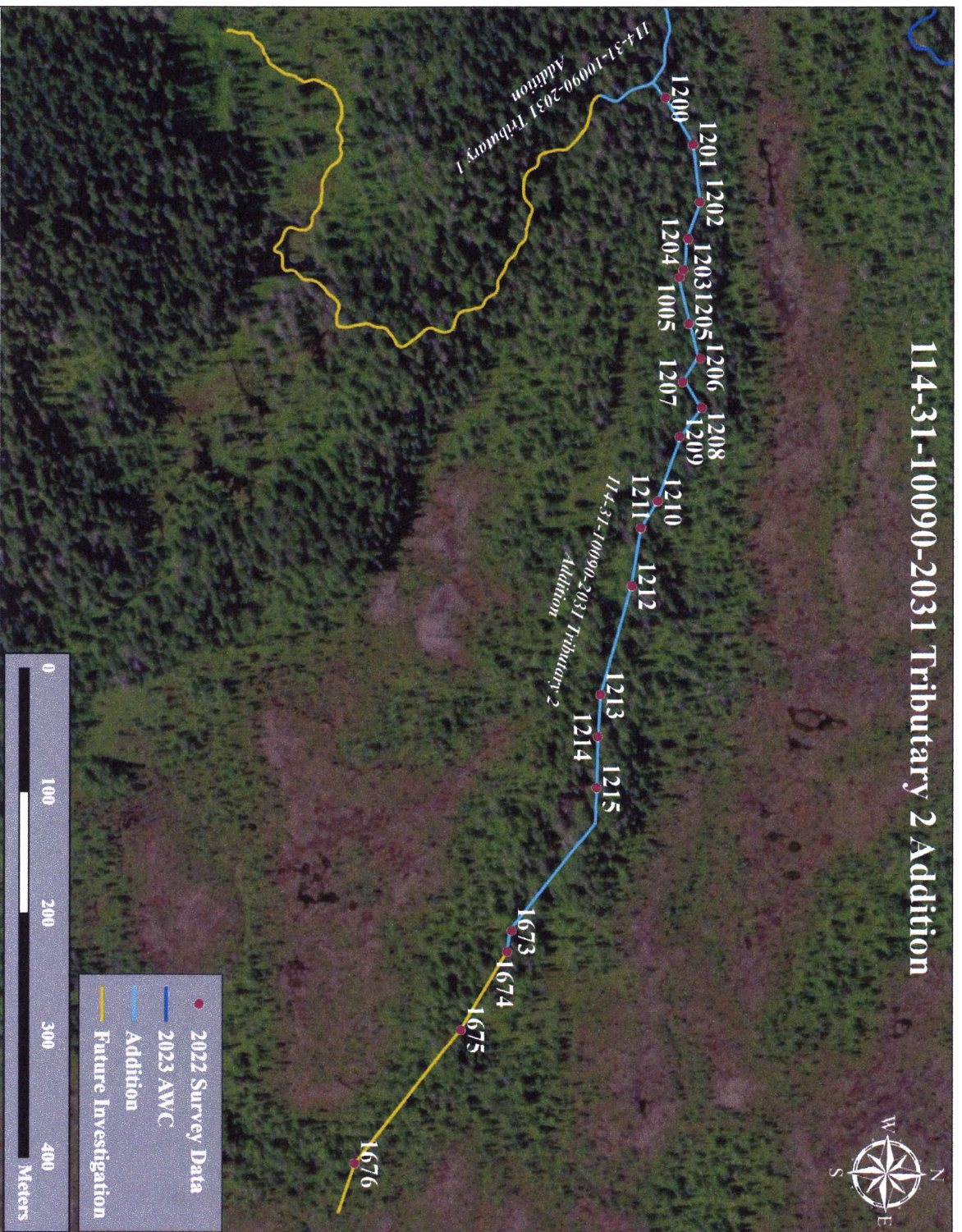
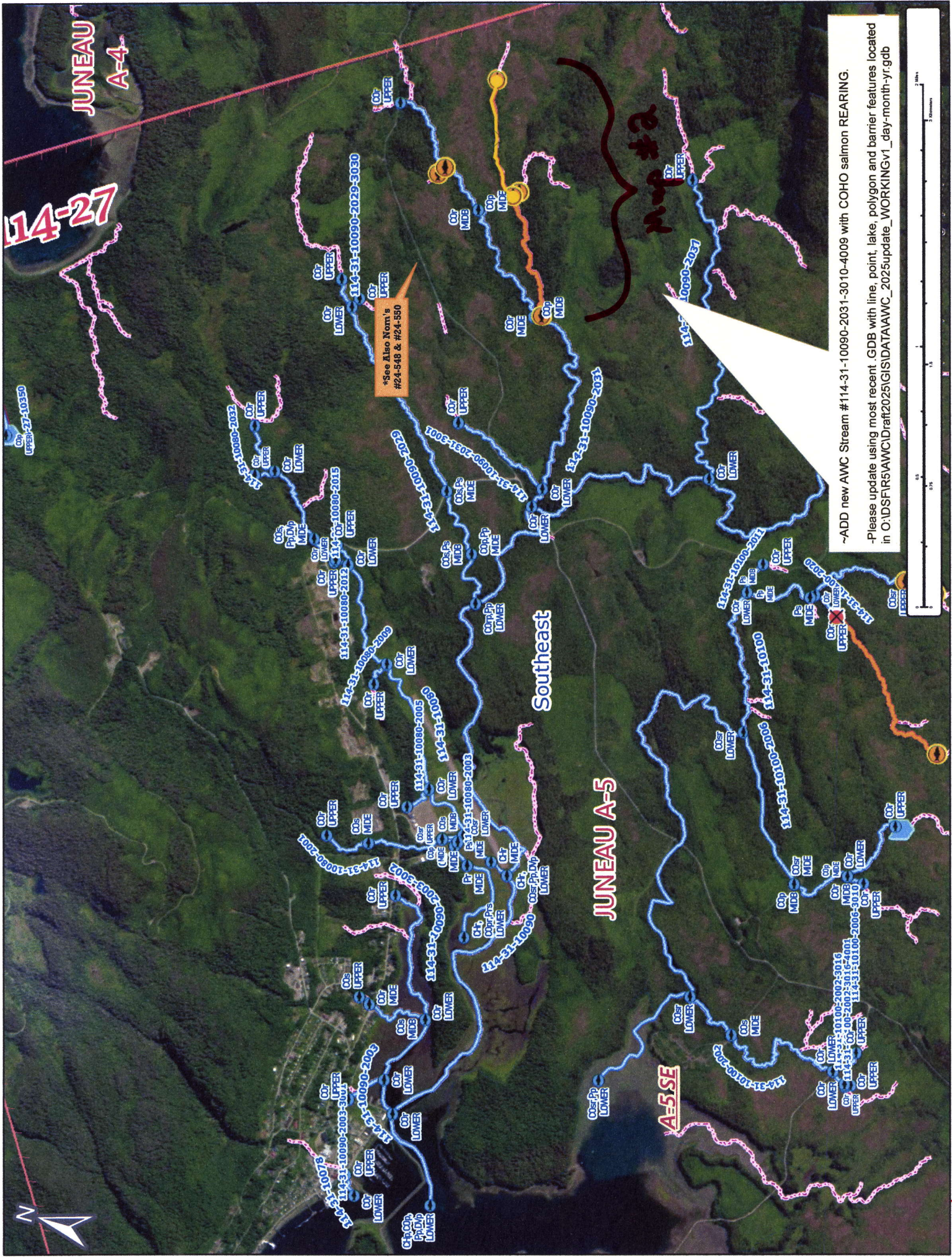


Figure 4.—114-31-10090-2031 tributary 2 addition map.



~ADD new AWC Stream #114-31-10090-2031-3010-4009 with COHO salmon REARING.

-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSP\RS\AWC\Draft2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb

Map #1

Dom #24-549

