



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern

USGS Quad(s) JUNEAU B-2 SW

Anadromous Waters Catalog Number of Water Body 111-50-10690-2001

Name of Water Body ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-517</u>	<u>Adam Kern</u> Fisheries Scientist Date <u>6-19-2024</u>
Revision Year: <u>2025</u>	<u>Ron Benkert</u> Habitat Operations Manager Date <u>6-19-2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Joseph Kifer</u> AWC Project Biologist Date <u>6 June 2024</u>
Revision Code: <u>A-2d</u>	<u>Ramona</u> GIS Analyst Date <u>6/21/24</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	10/19/2023		✓		✓

~ADD new AWC Stream #111-50-10690-2001 with COHO salmon REARING.

Comments:

Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon.
Coordinates (Lat,Long): Upper(58.330622,-134.592248) Lower(58.330431,-134.592438)

Name of Observer (please print): Flynn Casey
Signature: 10.7.169.64 (Web Nomination) Date: 11/28/2023
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



111-50-10690 Tributary 1

ADDITION

Water body name:

Survey date: 10/19/2023; 10/31/2023

Quad: Juneau B-2

Species & Lifestage:

Upper Reach Latitude: 58.330622 **Longitude:** -134.592248

Survey crew: FC

Lower Reach Latitude: 58.330431 **Longitude:** -134.592438

Findings: We surveyed this uncataloged stream using baited minnow traps and GPS and captured juvenile coho salmon. The tributary stream flows around the base of a roadside hill and has potentially viable rearing habitat upstream of where fish were captured (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.–111-50-10690 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1020	58.330627	-134.592268	Minnow trap soaked ~4 hrs in river-right tributary of Fish Creek ~60' upstream of confluence; ~18" drop falls with fast flow at outlet of tributary. CO capture; one fell from trap. Secondary tributary on river-right where water seeps out of hillside ~100-150' upstream. Main flow in this tributary veers river-left around base of hillside and becomes more channelized with some intermittent subterranean flow.	8-10	Fine Organic		1-2	MT	2 CO
1097	58.330845	-134.591947	Stream seeps out of hillside here, with uphill gradient increasing; also fairly disconnected from downstream at current low flow. Joins / is fed by runoff from roadside ditch just downstream. Too little water here at current low flow to trap.				6-8	Not Fished	

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1098	58.330750	-134.591605	Minnow trap soaked in pool overnight. Stream more channelized and with more gravel sediment and rearing habitat (cut banks) compared to downstream. Gradient increases slightly upstream.	6-8	Small Gravel Large Gravel	Cut Banks	2-4	MT	No Fish
1099	58.330987	-134.591023	Minnow trap soaked overnight in pool near confluence with tributary that appears as a seep at current low flow (little diffuse water that regularly flows under ground, but continues a ways; may want to follow up at higher flow). Quality habitat continues upstream on main channel.			Cut Banks		MT	No Fish
1100	58.331483	-134.590833	Minnow trap soaked overnight in small pool ~20' downstream of small woody debris jam. Should continue surveying upstream if fish are caught here as jam is not likely to block passage and quality rearing habitat continues.	4-6	Large Gravel Small Gravel	Cut Banks	4-6	MT	No Fish



Figure 1.—Small falls at confluence of tributary 1 and main channel downstream of waypoint 1020.



Figure 2.—Juvenile coho salmon captured at waypoint 1020.



Figure 3.—Downstream view of re-channelized stream at waypoint 1098.

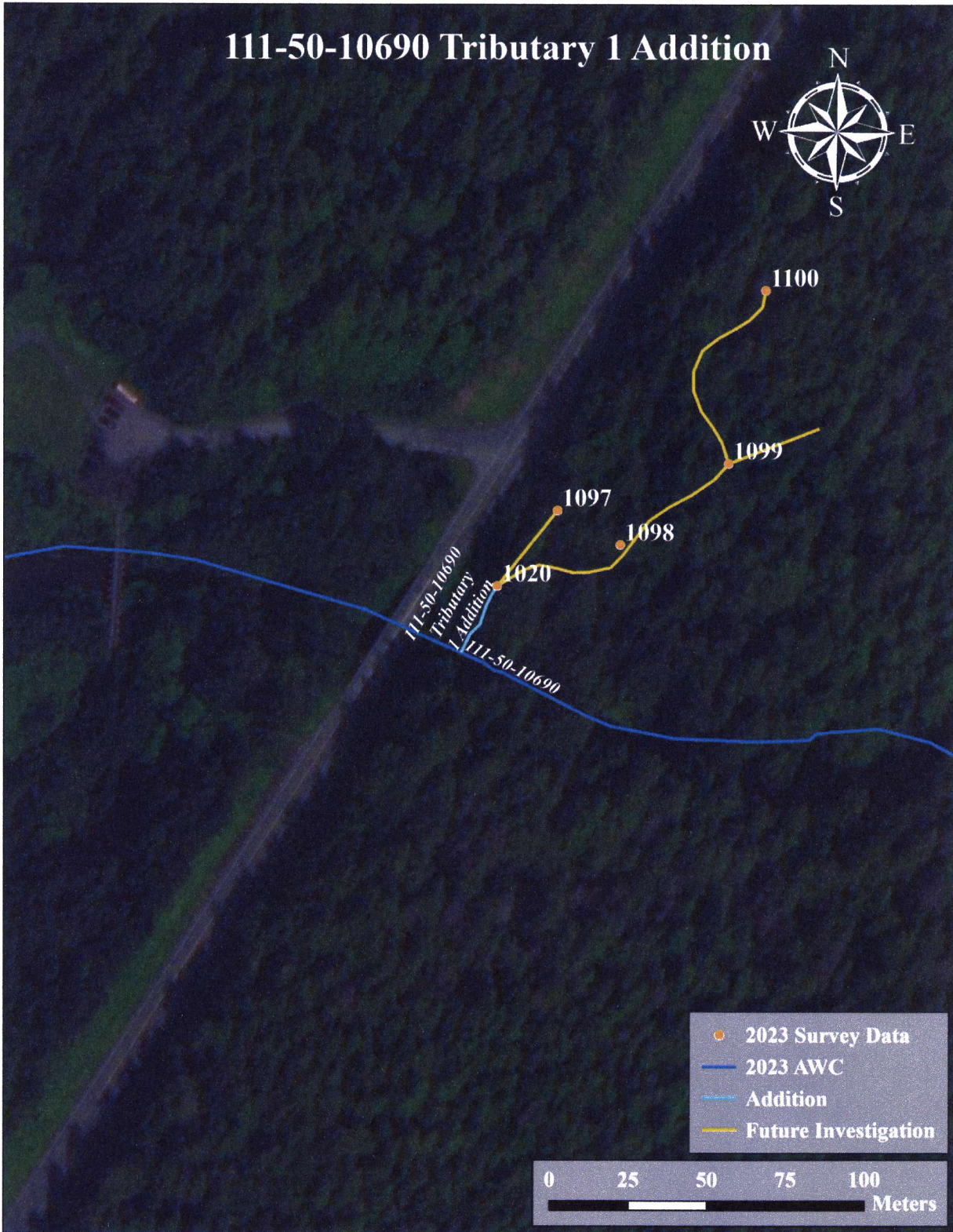


Figure 4.-111-50-10690 tributary 1 addition map.

-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFR5AWC\Draft2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb

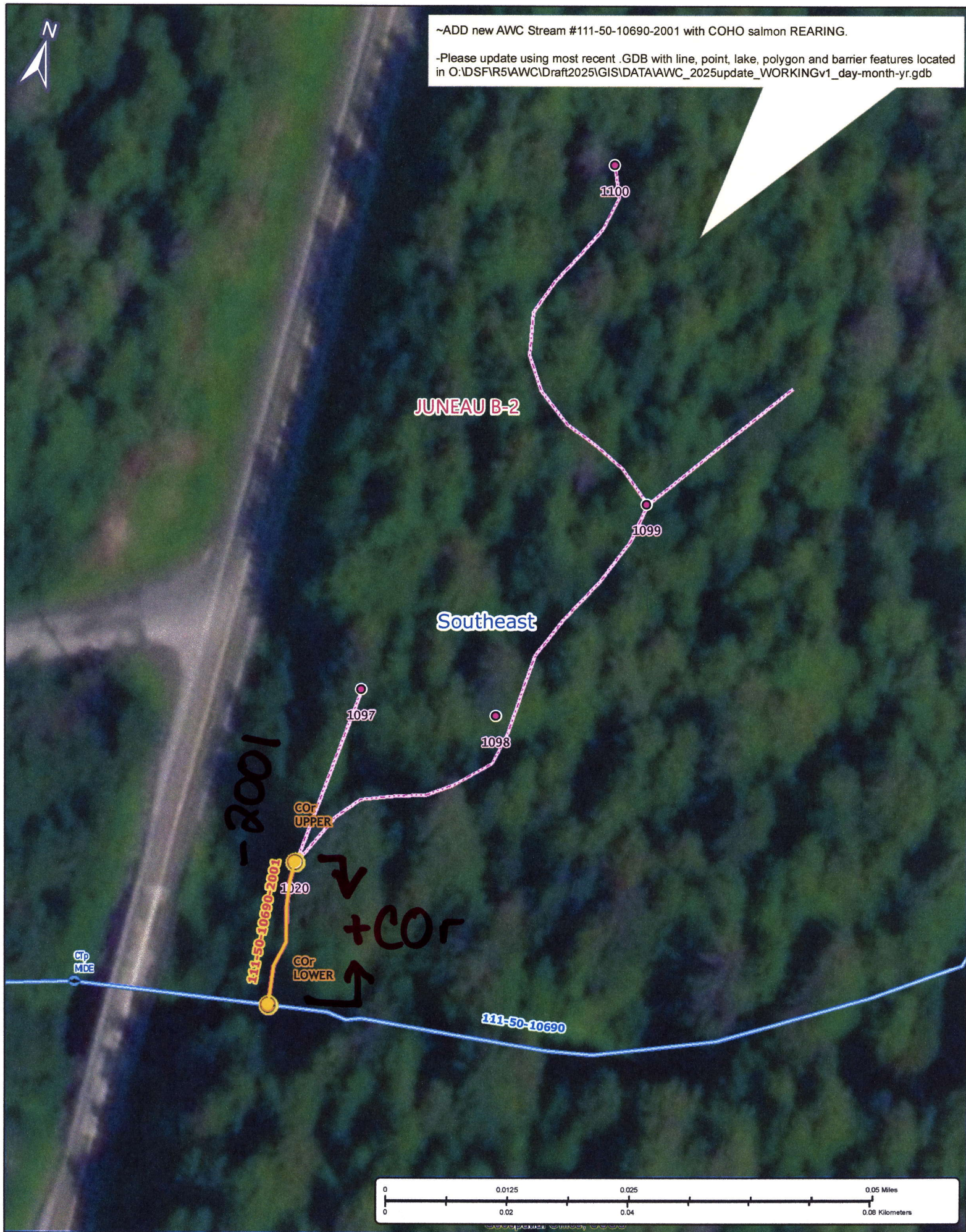


Dom #24-517



~ADD new AWC Stream #111-50-10690-2001 with COHO salmon REARING.

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Now #24-517

Map #2