



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 114-31-10130-2003-3000

Name of Water Body ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-563</u>	<u>Adam Penn</u> Fisheries Scientist Date <u>7-8-2024</u>
Revision Year: <u>2025</u>	<u>Ron Benkys</u> Habitat Operations Manager Date <u>7/10/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>C. J. Fisher</u> AWC Project Biologist Date <u>26 June 2024</u>
Revision Code: <u>A-2, E-9</u>	<u>Neerth</u> GIS Analyst Date <u>12/11/24</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	09/20/2023		✓		✓
cutthroat trout	06/03/2022		✓	✓	

~ADD new AWC Stream #114-31-10130-2003-3000 with COHO salmon REARING.

~Add new Barrier above New AWC stream # #114-31-10130-2003-3000.

Comments:

Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon and add anadromous fish barrier.
Coordinates (Lat,Long): Upper(58.062971,-135.486246) Lower(58.066883,-135.483271)

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



114-31-10130-2003 Tributary 1

ADDITION

Water body name:

Survey date: 6/3/2022; 9/20/2023

Quad: Juneau A-5

Species & Lifestage:

Upper Reach Latitude: 58.062971 **Longitude:** -135.486246

Survey crew: FC, DK, NJ, RR

Lower Reach Latitude: 58.066883 **Longitude:** -135.483271

Findings: We surveyed this uncataloged stream up to an anadromous fish barrier using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon and cutthroat trout. The tributary stream flows through a perched culvert; roughly one third of a mile downstream of the road crossing, it descends a steep-gradient hillside and falls over a rock wall barrier (Table 1; Figures 1–4).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon and add anadromous fish barrier (Figure 5).

Nomination: Pending

Table 1.—114-31-10130-2003 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
405	58.062349	-135.476597	24" CMP with 8-12" perch onto riprap. Midsection of culvert has upward inflection, but water still running through despite relatively dry conditions. Rust line ~8-12" high on each side. Empties into slightly incised channel with small pool of mostly stagnant water. Minnow trap soaked overnight.	6-8	Fine Organic Large Gravel		1-2	MT	No Fish
406	58.062266	-135.476411	~3-6" drop into CMP due to build up of mud/moss at base of culvert inlet. Marginal fish habitat; overgrown with skunk cabbage. Minnow trap soaked overnight.	1-2	Fine Organic Small Gravel		1-2	MT	1 CT
855	58.063380	-135.486574		8-10	Fine Organic Sand	LWD	0-1	EF	3 CO
856	58.063436	-135.486474		8-10	Fine Organic Sand	LWD	0-1	EF	3 CO
857	58.062975	-135.486267	One CO caught in net, one visual ID. Lots of riffles		Small Gravel Large Gravel		10-12	EF	2 CO
858	58.062931	-135.486129	Barrier is rock wall, gradient goes to 20% above it.						

From: [Casey, Flynn F \(DFG\)](#)
To: [Giefer, Joe \(DFG\)](#)
Subject: RE: Follow up ? on Nom #24-563
Date: Thursday, July 11, 2024 10:51:48 AM

Morning Joe,

Forgot to set my out-of-office while in the field the last few days.

No problem about the name mix-up, I understand. It does happen a lot, so I appreciate you noting the correction!

Unfortunately, the note-taker did not get a photo of the rock wall barrier in question. It's just upstream but out of view in Figure 3. We have since been trying to make a more concerted effort to document barriers with both photos and descriptions (and ideally measurements corresponding to FRPA fish block criteria), particularly in these instances where the barrier is quite accessible.

I've also noted that sticking to a rigid structure in my nom descriptions has at times made it unclear what each figure is referencing and hope to improve that in upcoming submissions.

Thanks for your recent comms and for the offer of potentially pinging us early for reviewing changes. Much appreciated!

Flynn

From: Giefer, Joe (DFG) <joe.giefer@alaska.gov>
Sent: Wednesday, July 10, 2024 10:45 AM
To: Casey, Flynn F (DFG) <flynn.casey@alaska.gov>
Subject: RE: Follow up ? on Nom #24-563

Sorry, *Flynn*,

I always get mixed up when the email display reverse the first/last name when they both look like first names.

Regards,

Joe Giefer

Habitat Biologist III

[Anadromous Waters Catalog \(AWC\)](#)

Alaska Dept. of Fish & Game

Division of Sport Fish – RTS

333 Raspberry Road, Anchorage AK 99518

Office 907-267-2336

Submit AWC Nominations electronically through the Online Portal here:

<https://www.adfg.alaska.gov/sf/SARR.AWC/index.cfm?ADFG=nomSubmit.home>

From: Giefer, Joe (DFG)

Sent: Wednesday, July 10, 2024 10:43 AM

To: Casey, Flynn F (DFG) <flynn.casey@alaska.gov>

Subject: Follow up ? on Nom #24-563

Hi Casey,

I processed this Nom and sent to Ron & Adam for review and they caught that I had missed the barrier (I'll fix that), but they also noted that it referenced "Figure 5" like it would be a picture of the "rock wall" barrier but it's the standard map that you include in all nominations. I just wanted to see if there was in fact a picture of the barrier here I could include with this file?

Regards,

Joe Giefer

Habitat Biologist III

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Figure 1.—Juvenile coho salmon captured at waypoint 855.



Figure 2.—Channel at waypoint 857.



Figure 3.—Juvenile coho salmon captured at waypoint 858.



Figure 4.—Perched culvert outlet at waypoint 405.

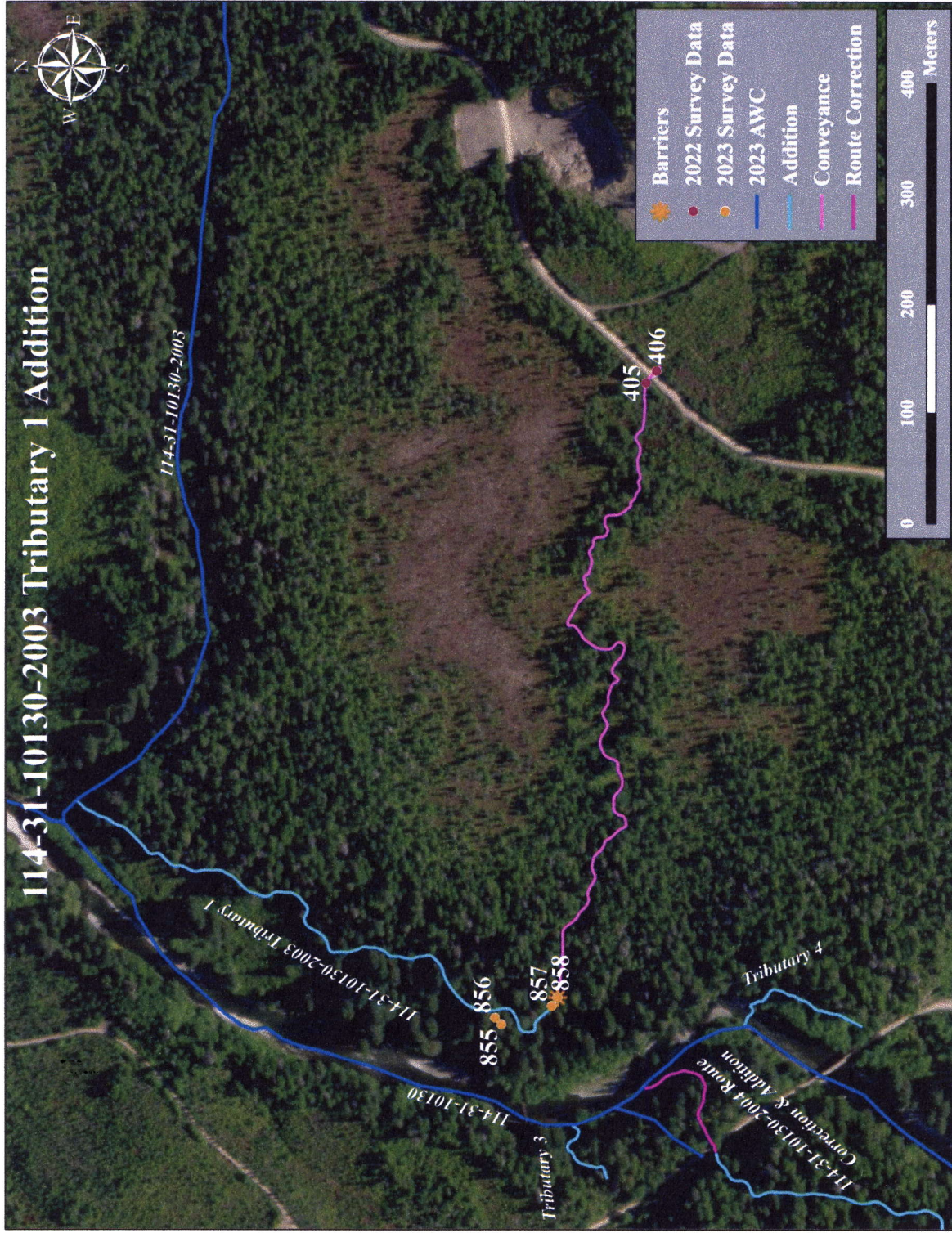


Figure 5.—114-31-10130-2003 tributary 1 addition map.

Map #1



~ADD new AWC Stream #114-31-10130-2003-3000 with COHO salmon REARING.
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFAR5\AWC\Draft2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb



*See Also Nom #24-560, #24-561 & #24-564

Nom #24-563

Map #2