



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog

Region Southeastern

USGS Quad(s) JUNEAU A-5

Anadromous Waters Catalog Number of Water Body 114-31-10160

Name of Water Body  ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-583</u>	<u>Adam Reim</u> Fisheries Scientist Date <u>7-12-2024</u>
Revision Year: <u>2025</u>	<u>Ron Bonheur</u> Habitat Operations Manager Date <u>7/8/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Spencer Sifer</u> AWC Project Biologist Date <u>4 July 2024</u>
Revision Code: <u>A-2</u>	<u>Ron Hand</u> GIS Analyst Date <u>7/25/24</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
pink salmon	08/23/2022			✓	✓
coho salmon	08/23/2022		✓		✓
Dolly Varden	08/23/2022		✓	✓	
cutthroat trout	08/23/2022		✓	✓	

~ADD new AWC Stream #114-31-10160 with COHO salmon REARING and PINK salmon PRESENT.

Comments:

Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon and present pink salmon.  
Coordinates (Lat,Long): Upper(58.046564,-135.541404) Lower(58.047883,-135.550765)

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



## East Port Frederick Uncataloged Stream

## ADDITION

**Water body name:**

**Survey date:** 8/23/2022

**Quad:** Juneau A-5

**Species & Lifestage:**

**Upper Reach Latitude:** 58.046564 **Longitude:** -135.541404

**Survey crew:** FC, RR

**Lower Reach Latitude:** 58.047883 **Longitude:** -135.550765

**Findings:** We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, cutthroat trout, and sculpin. We also observed adult pink salmon. The stream flows through an incised channel with lots of quality spawning gravel as it crosses under a bridge and into the intertidal (Table 1; Figures 1–3).

**Recommendations:** Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon and present pink salmon (Figure 4).

**Nomination:** Pending

Table 1.—Uncataloged stream survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1468	58.046957	-135.547404	Start of survey of stream at tree line along intertidal. Adult pinks observed via visual ID. 2-yr+ CO capture. Advancing upstream.	20-25	Small Gravel Cobble	Cut Banks Spawning Substrate	1-2	EF	2 P 1 CO 1 SC
1469	58.046825	-135.546192	Stream crosses under steel beam and wood surface bridge. Abutments look in fair condition; some riprap eroded away from high flows.	25-30	Small Gravel Cobble	Cut Banks Spawning Substrate	2-4	EF	4 SC
1470	58.046925	-135.545730	Continued 1-yr CO capture.	20-25	Small Gravel Large Gravel	Cut Banks Spawning Substrate	2-4	EF	2 CO
1471	58.046972	-135.544818	Gradient increasing (compared to downstream). 2-3' tall log jam falls. Continued 1-yr CO capture downstream and upstream of falls.	20-25	Small Gravel Cobble	Spawning Substrate Incised Channel	4-6	EF	4 CO 2 CT 1 DV
1472	58.046745	-135.544408	3-4' tall log jam falls with braid around shorter ~1' tall falls with significant jump pool likely providing fish passage. Large pool upstream of falls with lots of good spawning substrate. Continued 1-yr CO capture upstream of falls.	20-25	Small Gravel Large Gravel	Spawning Substrate Log Jams	2-4	EF	20 CO

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1473	58.046521	-135.543099	Series of 1-2' tall falls with jump pools. Continued 1-yr CO capture upstream of falls. Channel becoming increasingly incised with lots of trees/brush crowding stream to the point of making advancing/surveying difficult.	20-25	Small Gravel Large Gravel	Incised Channel Spawning Substrate	4-6	EF	6 CO
1474	58.046518	-135.542360	Stream becoming slightly more open for walking. Continued 1-yr CO capture.					EF	2 CO
1475	58.046610	-135.541426	Continued 1-yr CO capture. Gradient increasing but still conducive to fish passage. CO habitat likely continues upstream. Amount of tree-fall in/over stream making advancing/surveying difficult. Ending survey for now; may want to find another approach to upstream habitat.	15-20	Small Gravel Cobble	Incised Channel	4-6	EF	3 CO



Figure 1.—Juvenile coho salmon captured at waypoint 1470.



Figure 2.—Bridge abutment with some riprap eroded at waypoint 1469.



Figure 3.—Channel with log jam falls at waypoint 1471.

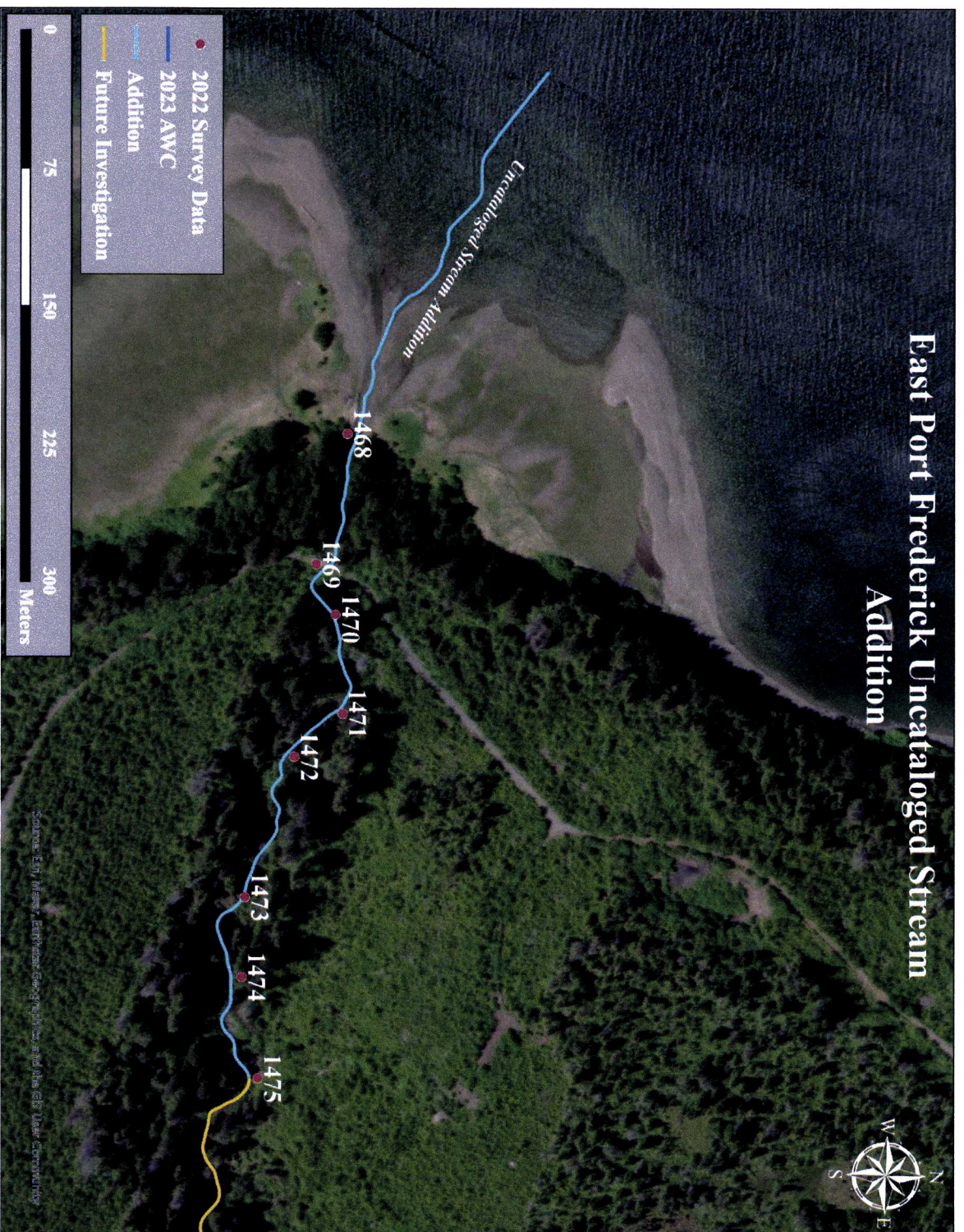


Figure 4.—Uncataloged stream addition map.

~ADD new AWC Stream #114-31-10160 with COHO salmon REARING and PINK salmon PRESENT.  
 -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\_WORKING\day-month-yr.gdb



\*See Also Nom's  
 #24-580, #24-581, #24-584.

JUNEAU A-5

Southeast

A-5 SE

114-31-10160

114-31-10160-2001

Ch. Pt  
 UPPER

Ch. Pt  
 LOWER

Map 2



Maxar Products, Dynamic Mosaic

Map #1

Nom #24-583

-Please update using most recent GDB with line, point, lake, polygon and barrier features located in O:\DSFR5AWC\Draft\2025\GIS\DATA\AWC\_2025\update\_WORKING\1\_day-month-yr.gdb



Nov #24-583