



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 114-31-10163

Name of Water Body

☐ USGS Name ☐ Local Name

☒ Addition

☐ Deletion

☐ Correction

☐ Backup Information

For Office Use

Nomination # <u>24-581</u>	<u>Adam Reim</u> Fisheries Scientist Date <u>7-12-2024</u>
Revision Year: <u>2025</u>	<u>Ron Bankers</u> Habitat Operations Manager Date <u>7/18/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Coryn Lipp</u> AWC Project Biologist Date <u>4 July 2024</u>
Revision Code: <u>A-2</u>	<u>Ron Hart</u> GIS Analyst Date <u>7/25/24</u>

OBSERVATION INFORMATION

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

~ADD new AWC Stream #114-31-10163 with COHO salmon REARING.

Comments:

Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon.
Coordinates (Lat,Long): Upper(58.045047,-135.546118) Lower(58.044968,-135.549966)

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:

Quad: Juneau A-5

Upper Reach Latitude: 58.045047 **Longitude:** -135.546118

Lower Reach Latitude: 58.044968 **Longitude:** -135.549966

Survey date: 8/23/2022

Species & Lifestage:

Survey crew: FC, RR

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and sculpin. The stream flows through a gravel channel under a log-stringer bridge and into the intertidal, dropping into a reach of 6-8% gradient as it approaches the tree line (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.—Uncataloged stream survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1460	58.044746	-135.543729	Stream with slightly incised channel crossing under log-stringer bridge. Log on downstream side starting to collapse. Start of survey. Resident fish capture only.	6-8	Small Gravel Large Gravel	Incised Channel	2-4	EF	3 DV
1461	58.044649	-135.543296	Increased gradient (compared to downstream at bridge). Continued resident fish capture up to 3' tall log jam/rootwad falls with small jump pool, followed immediately upstream by 1' tall falls. Advancing downstream.	4-6	Small Gravel Large Gravel		4-6	EF	2 DV
1462	58.045041	-135.544766	Continued resident fish capture. Some small (1-2' tall) falls with jump pools. Suspect downstream barrier.	4-6	Small Gravel Large Gravel	Incised Channel	4-6	EF	3 DV
1463	58.045050	-135.546142	Increased gradient of 6-8% for 100-200' starting ~150' upstream of waypoint. Gradient decreases approaching tree line. 1-yr CO capture; one fell from net.	4-6	Small Gravel Sand		1-2	EF	2 CO 2 SC 1 DV



Figure 1.—Juvenile coho salmon captured at waypoint 1463.



Figure 2.—Channel at waypoint 1460.



Figure 3.—Log jam falls at waypoint 1461.



Figure 4.—Uncataloged stream addition map.



~ADD new AWC Stream #114-31-10163 with COHO salmon REARING.

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

*See Also Nom's
#24-580, #24-583, #24-584.

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Map #2

Nom #24-581

Map #1



~ADD new AWC Stream #114-31-10163 with COHO salmon REARING.

-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFR5\AWC\Draft2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb

JUNEAU A-5

+COR

+COR

COR
UPPER

1462

1460

1461

1463

Southeast

114-31-10163

COR
LOWER

COR
LOWER

COR
UPPER

1464

1465

114-31-10163

*See Also
Norm #24-580



Norm #24-581

Map #2