

## 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	L			Пия	SGS Name	Local Name					
Addition Deletio	пПсог	rection Backup	Information								
Addition			momation								
For Office Use											
Nomination # <b>24-581</b>		100	am Keil	m	1-12-2024						
		Fishe	eries Scientist		Date						
Revision Year: 2025	Proprietation and the control of the	Kon	Senters	Managed Manage	718/20	24					
Revision to: ✓ Atlas	Habitat Operations Manager Date			2 21/							
<b>✓</b> Catalog				M Jefo 4 July 2029							
A 0		AWC/P	roject Blologist		Date						
Revision Code: A-2		Kan f	The		7/25/7	24					
		G	S Analyst		Date						
Charles		DBSERVATION INFORM	-	Daning	T Description	I A a a dan a a a a					
Species coho salmon		e(s) Observed 08/23/2022	Spawning	Rearing ✓	Present	Anadromous ✓					
Dolly Varden		08/23/2022		<b>V</b>	1						
				_							
ADD new AWC Stream #114-3	1-10163 with C	OHO salmon REAR	RING.	· ·							
Comments:  Add this uncataloged stream to the ana Coordinates (Lat,Long): Upper(58.04											
Name of Observer (please print):	Flynn Casey										
Signature:	10.231.39.1	0 (Web Nomination)		Date:	02/20/202	4					
Agency:	PO Box 110	004									
Address:	Juneau, AK			**********							
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: Name of Area Biologist (please print)		Date:	R	evision 3/16							

## 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

Survey date: 8/23/2022

Species & Lifestage:
Survey crew: FC, RR

Lower Reach Latitude: 58.044968 Longitude: -135.549966

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



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

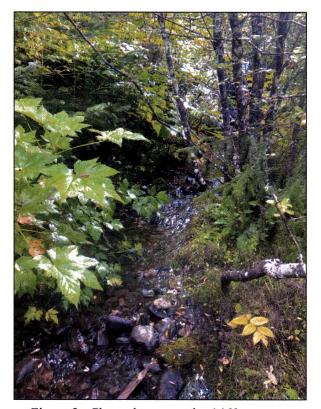


Figure 2.-Channel at waypoint 1460.



Figure 3.-Log jam falls at waypoint 1461.

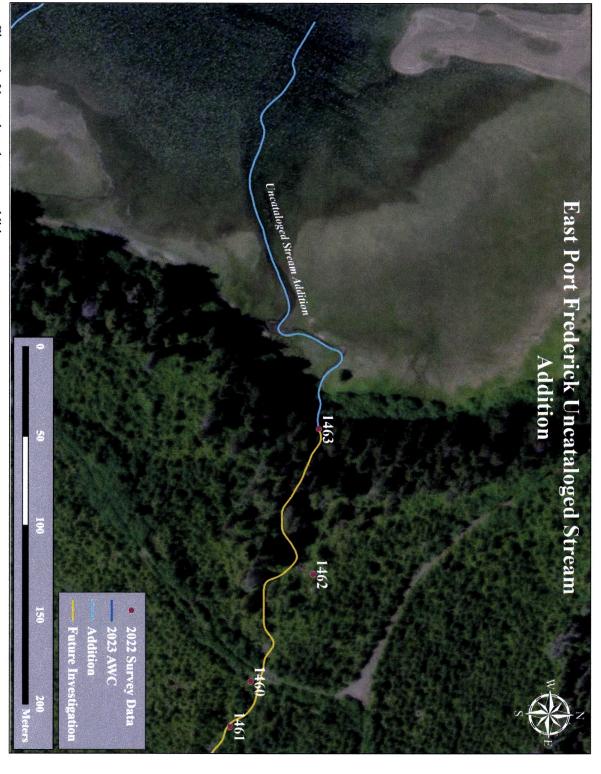
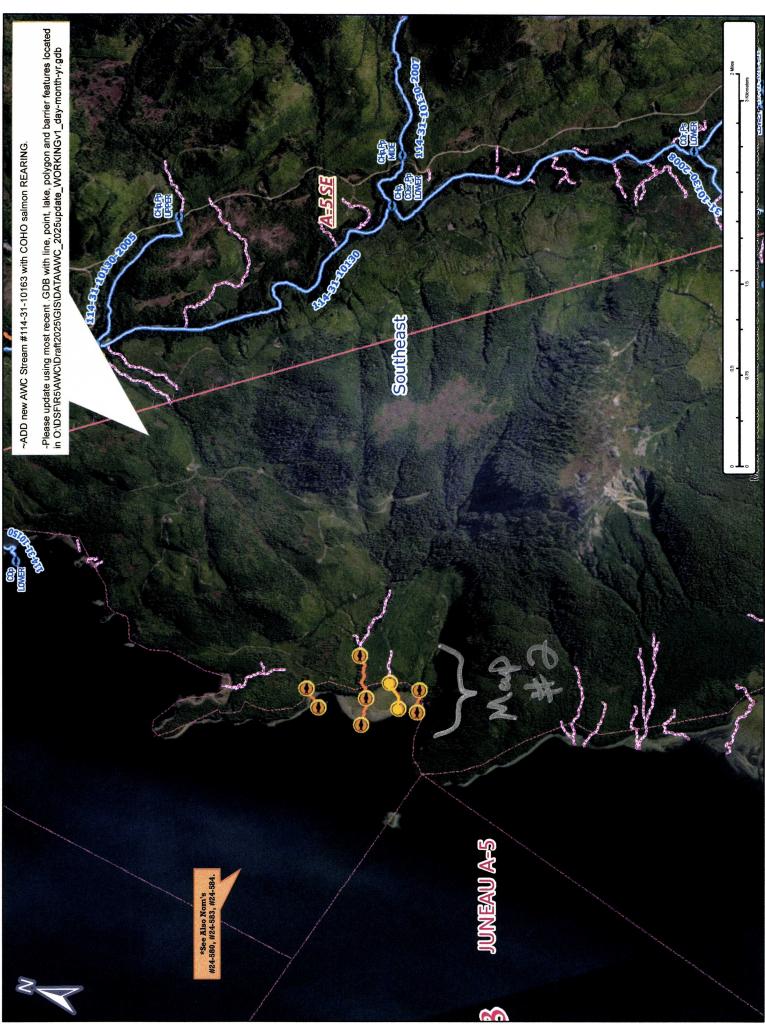
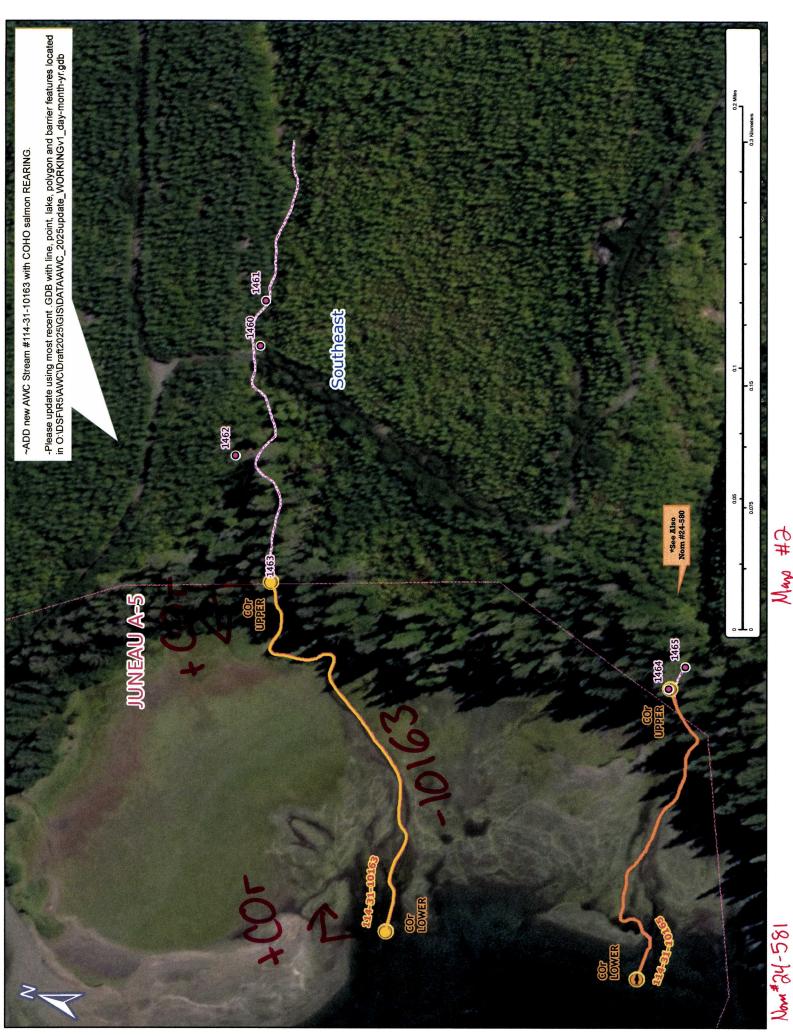


Figure 4.-Uncataloged stream addition map.





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