

Nomination Form Anadromous Waters Catalog

Anadromous Waters Catalog Numbe		USGS Quad(s) JUNEA	NU A-5								
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Name of Water Body				USGS Name	Local Name						
✓ Addition Deletion	n Correction	Backup Informati	ion								
	For	Office Use									
Namination # 24-65		Adlan	Reim	7-24-2024							
Nomination #		Fisheries Scie	A STATE OF THE STA	Date							
Revision Year: 2025		Kon Bent		7/25/2014							
Revision to: Atlas		Habitat Operations	Manager	Date							
Revision to.		Coul Hi		8 July 2024							
-		AWC Project Bio	ogist	Date							
Revision Code: A-2		Kanfth		8/2/2	4						
		GIS Analys	st	Date							
OBSERVATION INFORMATION											
Species	Date(s) O		wning Rearing	Present	Anadromous						
coho salmon	07/06/2				/						
coho salmon	09/16/2				↓ ✓						
Dolly Varden	07/06/2		√	√							
cutthroat trout	07/06/2	2022		✓							
Comments: Add this uncataloged stream to the ana Coordinates (Lat,Long): Upper(58.113)	dromous waters catalog fo	or rearing coho salmon.	IG.								
Name of Observer (please print):	Flynn Casey										
Signature:	10.231.39.10 (Web	10.231.39.10 (Web Nomination)			24						
Agency:	PO Box 110024										
Addross:		Juneau, AK 99811									
Address:	Juneau, AK 99811		And a subsection								

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-34-10100 Tributary 8

ADDITION

Water body name: Survey date: 7/6/2022; 9/16/2022

Quad: Juneau A-5

Upper Reach Latitude: 58.113269 Longitude: -135.597876

Species & Lifestage: Survey crew: FC, RR, DK

Lower Reach Latitude: 58.111196 Longitude: -135.601438

Findings: We surveyed this uncataloged stream using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon, Dolly Varden, cutthroat trout, rainbow trout, and sculpin. The tributary stream descends a reach of about 12% gradient into a gravel and cobble channel, passing under an old bridge (Table 1; Figures 1–4).

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

Nomination: Pending

Table 1.–114-34-10100 tributary 8 survey data.

	Latitude	Longitude	Notes	Stream	Stream	Habitat	Gradient		Sample
				Width ft	Substrate	Features	%	Effort	Results
938 58.112703 -	58.112703	-135.598932	Minnow trap soaked overnight downstream of	15-20	Large Gravel Small Gravel		4-6	MT	5 CO 15 CT
		bridge and 2' tall log jam in						8 DV	
		2' deep jump pool. River-						1 RT	
			right abutment fallen from stream eroding fill underneath. 2-yr CO						4 SC
			capture.						
1870 58.112968	58.112968	-135.598715	Returning to survey via	10-12	Large Gravel		4-6	EF	2 CO
			electrofishing upstream of bridge. Continued 1-yr CO capture.		Cobble				2 DV
1871 58.113152	58.113152	-135.598021	Gradient increasing slightly	10-12	Large Gravel	Log Jams	4-6	EF	2 CO
		compared to downstream.		Cobble				1 DV	
			Several 1-2' tall log jams.						
			Continued 1-yr CO capture						
1050			upstream of log jams.						
1872 58.11350	58.113504	-135.597810	Increasing gradient	10-12	Cobble		6-8	EF	3 CT
			compared to downstream.		Large Gravel				3 DV
			Increasing incidence of small but successive and						
			quick-moving falls. Resident						
			fish capture.						
1873	58.113545	-135.597689	Gradient increases	10-12	Cobble		6-8	Not	
			substantially (12%+)		Large Gravel			Fished	
			upstream. Becoming much		C				
			less navigable due to steep						
			incised channels and large						
			amount of tree-fall. Actual						
			barrier not located but likely						
	*************		near extent of anadromy.						



Figure 1.-Juvenile coho salmon captured at waypoint 1870.



Figure 2.—Channel at waypoint 1871.



Figure 3.–River-right bridge abutment with collapsed log at waypoint 938.



Figure 4.—Channel at waypoint 1873.

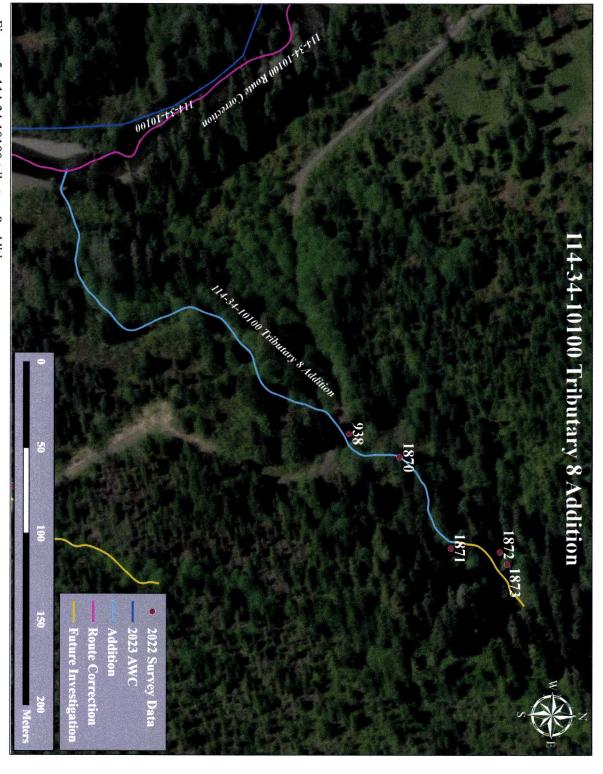
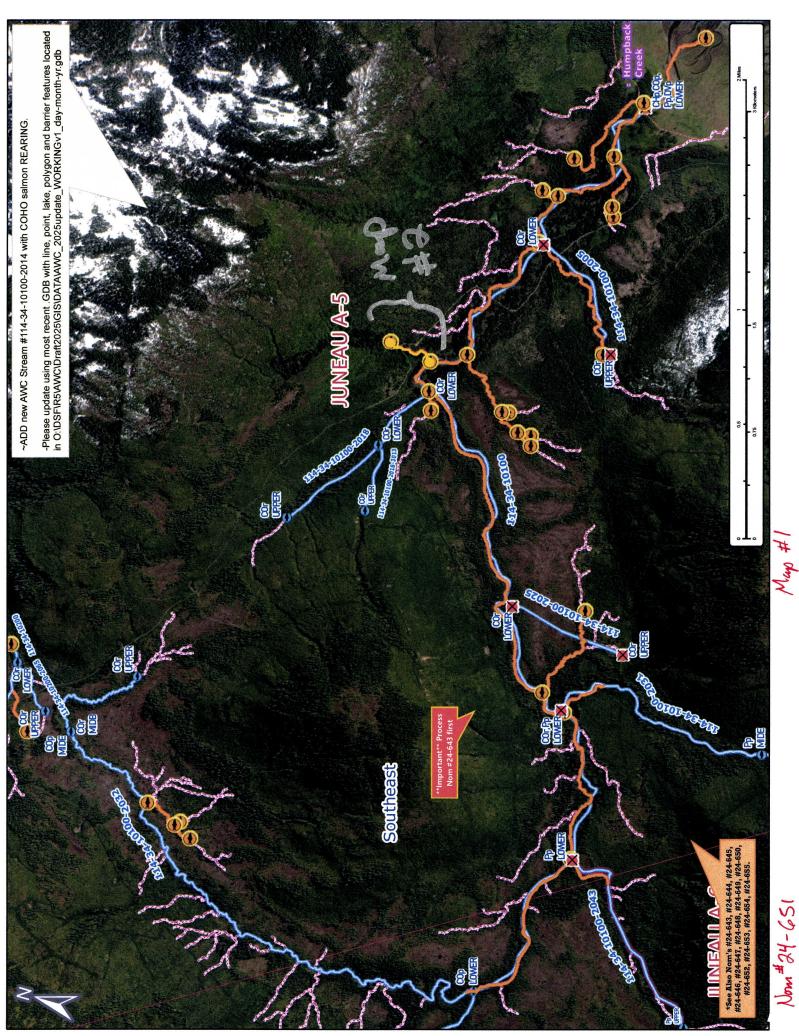


Figure 5.–114-34-10100 tributary 8 addition map.



Non #24-651

