

# Alaska Department of Fish and Game

Habitat Section  
Southeast Region



## 114-27-10300-2018 Tributary 1

## ADDITION

**Water body name:**

**Survey date:** 10/1/2023

**Quad:** Juneau A-4

**Species & Lifestage:**

**Upper Reach Latitude:** 58.032367 **Longitude:** -135.281692

**Survey crew:** FC, CD

**Lower Reach Latitude:** 58.031580 **Longitude:** -135.276145

**Findings:** We surveyed this uncataloged stream up to an anadromous fish barrier using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The tributary stream descends a series of bedrock falls in quick succession, accumulating enough gradient to meet the specifications of a FRPA barrier to anadromous fish passage; it has quality rearing and spawning habitat downstream of the 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.–114-27-10300-2018 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
988	58.031573	-135.280048	1-yr and 2-yr CO capture.	15-20	Small Gravel	Spawning	4-6	EF	3 CO
					Large Gravel	Substrate			
989	58.031563	-135.280511	Resident fish capture ~40' downstream of newer bridge installation. 2-3' tall log jam falls ~20' further downstream.	15-20	Large Gravel	Spawning	4-6	EF	1 CT
					Small Gravel	Substrate			
990	58.032024	-135.281165	2+-year CO capture in pool just downstream of log jam/ rootwad cascade. Gradient increasing compared to downstream.	15-20	Large Gravel	Spawning	6-8	EF	3 CO
					Small Gravel	Substrate			2 DV
									2 CT
991	58.032166	-135.281240	1-yr CO capture upstream of log jam/rootwad cascade.	12-15	Large Gravel		2-4	EF	2 CO
					Small Gravel				2 CT
									1 DV
992	58.032344	-135.281438	Juvenile CO capture just downstream of series of waterfalls in quick succession, accumulating a >24% gradient over 25' or less and constituting a FRPA barrier.	10-12	Cobble	Spawning		EF	3 CO
					Large Gravel	Substrate			
						Incised Channel			



Figure 1.—Juvenile coho salmon captured at waypoint 992.



Figure 2.—Bridge at waypoint 989.





Figure 3.—Upstream view of channel at waypoint 990.



Figure 4.—Series of bedrock falls just upstream of waypoint 992.



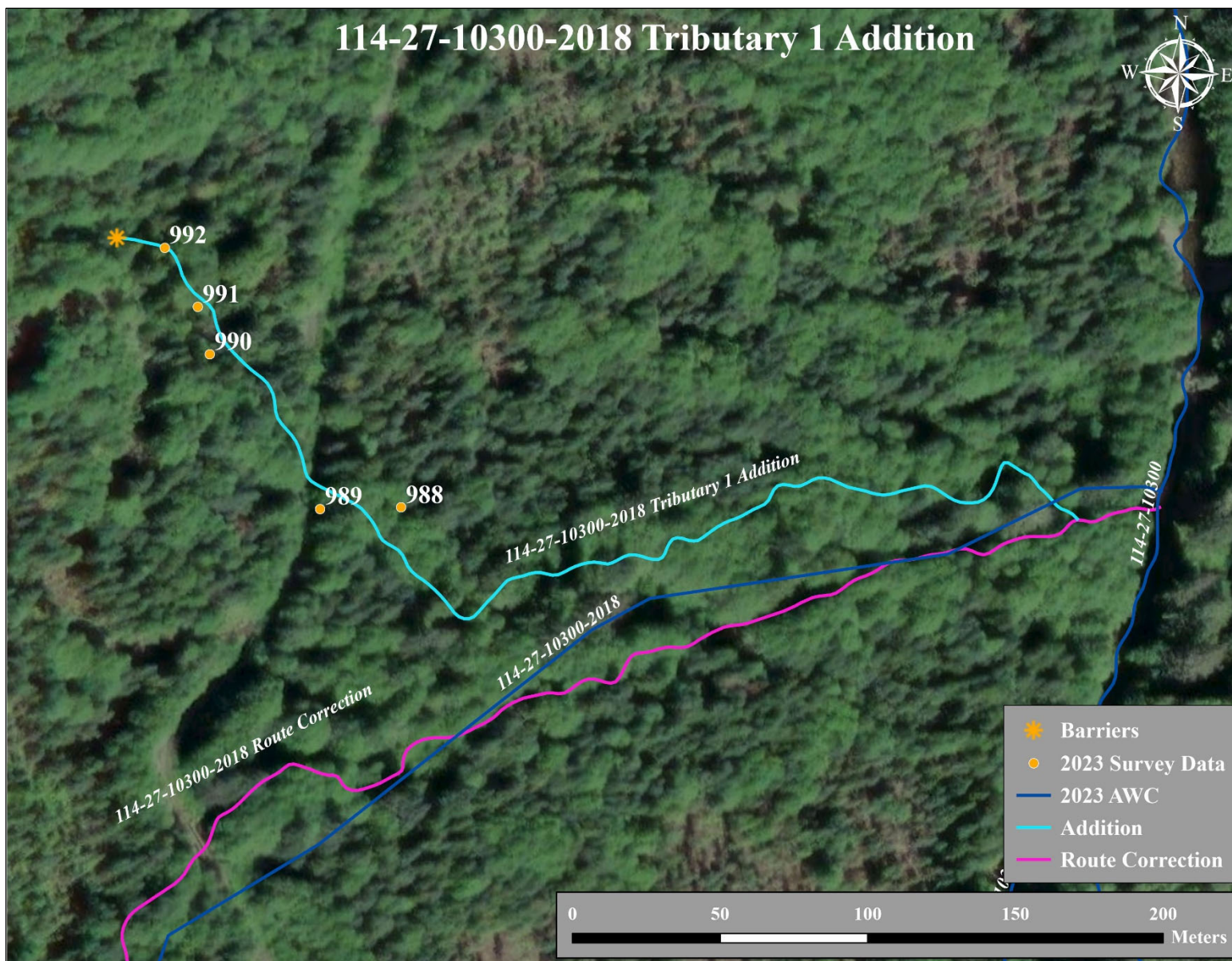


Figure 5.—114-27-10300-2018 tributary 1 addition map.