

Alaska Department of Fish and Game

Habitat Section
Southeast Region



113-59-10070 Tributary 4

ADDITION

Water body name:

Quad: Sitka C-4

Upper Reach Latitude: 57.595250 **Longitude:** -135.091901

Lower Reach Latitude: 57.589618 **Longitude:** -135.080920

Survey date: 8/6/2023

Species & Lifestage:

Survey crew: DK, NJ

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and visually identified juvenile coho salmon and Dolly Varden. No pictures of coho salmon were taken due to so many being visually identified in the stream. Gravels and spawning substrate are scattered throughout the channel, with intermittent woody debris and gravel mounds created by sediment accumulation (Table 1; Figures 1, 2). The survey ended at waypoint 607 due to time, but fish habitat likely continues upstream; future investigation is recommended.

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon up to waypoint 607 (Figure 3).

Nomination: Pending

Table 1.–113-59-10070 tributary 4 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
592	57.590012	-135.081446	Bridge removed and pulled back, hundreds of young of the year coho throughout channel.	15-20	Small Gravel Large Gravel	Spawning Substrate	1-2	HN	3 CO 1 DV
594	57.589696	-135.081017	Confluence with main.						
596	57.590590	-135.082596		15-20	Small Gravel Large Gravel		1-2	VI	15 CO
597	57.590554	-135.083759						VI	5 CO
598	57.590241	-135.084140	First beaver dam about 3 ft tall, no jump pool.		Fine Organic	Beaver Pond			
599	57.590472	-135.084496	2nd beaver dam found. 1-2 ft tall. used efisher and caught no fish.					EF	
600	57.591009	-135.084076				Spawning Substrate LWD		VI	7 CO
601	57.591079	-135.085294	Channel braids.						10 CO
602	57.591504	-135.086094	Braids rejoin main, young of the year coho throughout.				1-2	VI	6 CO
603	57.592058	-135.087167							12 CO
604	57.592523	-135.088643						VI	13 CO
605	57.593795	-135.089590						VI	13 CO
606	57.594153	-135.090031	Small tributary enters river left. No time to follow up.	20-25	Small Gravel Large Gravel	Spawning Substrate		VI	20 CO
607	57.595254	-135.091921	Stream continues with excellent habitat for miles. Young of the year coho throughout. End of survey due to time.					VI	20 CO
612	57.595734	-135.086259	Another small stream with the crossing structure removed. Dry currently, likely anadromous when wetted.						
613	57.594405	-135.082698	Dry channel, possibly anadromous when wet.						
614	57.593221	-135.079496	Channel dry but likely anadromous when wet. Crossing removed, no constriction on channel.						



Figure 1. Upstream at waypoint 601.



Figure 2. Downstream at waypoint 601.

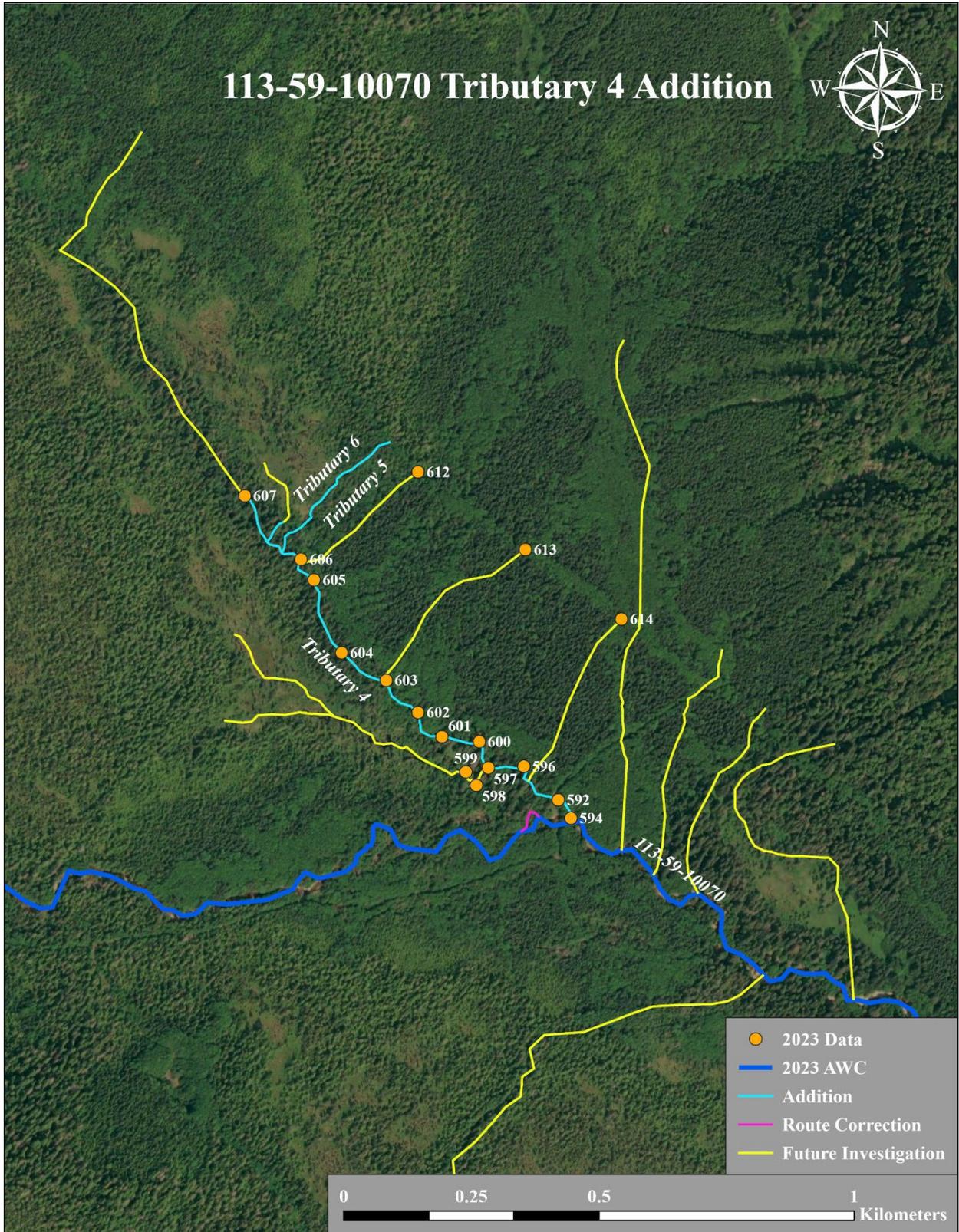


Figure 3. 113-59-10070 tributary 4 addition map.