

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-34-10100 Tributary 7

ADDITION

Water body name:

Survey date: 9/23/2023

Quad: Juneau A-5

Species & Lifestage:

Upper Reach Latitude: 58.106599 **Longitude:** -135.614441

Survey crew: FC, NJ, DK

Lower Reach Latitude: 58.107136 **Longitude:** -135.612422

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon and cutthroat trout. The tributary stream seeps out of a muskeg and falls over a cascade of headcuts into a gravel-dominated channel with cut banks (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.–114-34-10100 tributary 7 survey data.

Waypoint	Latitude	Longitude	Notes	Stream	Stream	Habitat	Gradient	Sample	Sample
				Width ft	Substrate				
875	58.105838	-135.616170	Stream channel emanating out of moss/muskeg. No fish observed; advancing downstream.	4-6	Fine Organic		1-2	EF	No Fish
876	58.105951	-135.615744						EF	2 CT
877	58.106099	-135.615801	Cascade of headcuts accumulating ~4' tall.		Fine Organic		4-6	EF	No Fish
878	58.106563	-135.614619	At confluence of of LiDAR-indicated stream and river-left stream which looks to be main with more water. River-left LiDAR-indicated stream goes subsurface for ~30' upstream of confluence. Resident fish capture right at confluence.	2-4	Small Gravel	Cut Banks	2-4	EF	1 CT
879	58.106633	-135.614463	Young-of-year CO capture.	2-4	Small Gravel Fine Organic	Cut Banks	2-4	EF	2 CO 1 CT
880	58.106758	-135.614129	Continued young-of-year CO capture.					EF	1 CO



Figure 1.—Juvenile coho salmon captured at waypoint 880.



Figure 2.—Staff electrofishing at waypoint 879.



Figure 3.—Stream seeping out of muskeg at waypoint 875.

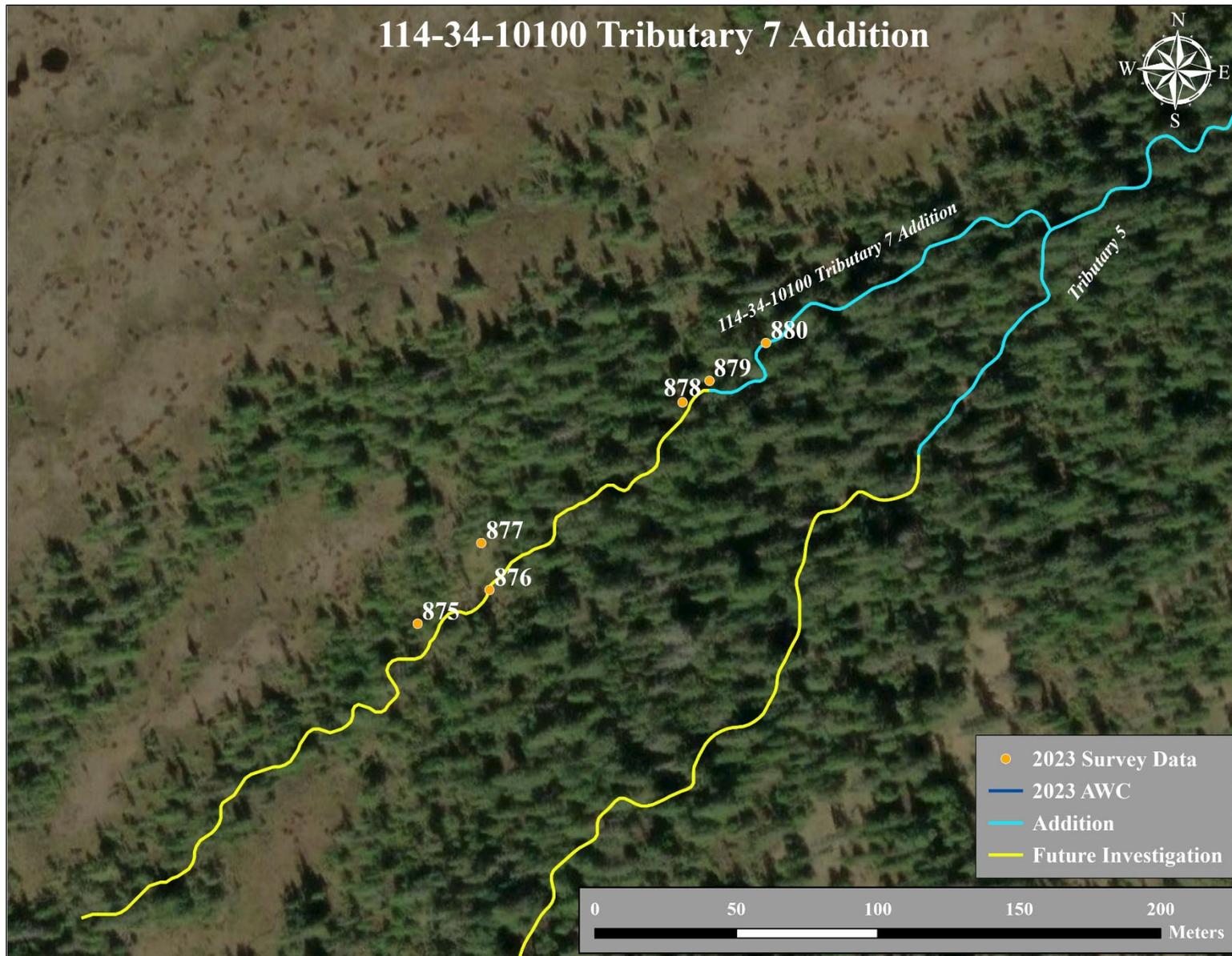


Figure 4.-114-34-10100 tributary 7 addition map.