

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-34-10100 Tributary 4

ADDITION

Water body name:

Survey date: 7/8/2022

Quad: Juneau A-5

Species & Lifestage:

Upper Reach Latitude: 58.101478 **Longitude:** -135.585404

Survey crew: DK, RR, FC

Lower Reach Latitude: 58.100655 **Longitude:** -135.586499

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, cutthroat trout, and sculpin. The tributary stream flows through an old road crossing with removed structure and through a reach of about 15% gradient, downstream of which juvenile coho salmon were captured (Table 1; Figures 1, 2).

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

Nomination: Pending

Table 1.—114-34-10100 tributary 4 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
967	58.104274	-135.584425	Beaver dam on small creek on both sides of the road, no crossing structure.					Not Fished	
968	58.105051	-135.584074	Makeshift bridge over creek. Series of beaver dams downstream, likely block fish.	12-15	Fine Organic	Beaver Pond	1-2	EF	No Fish
969	58.102358	-135.583798	Crossing structure removed. Grade appears consistent upstream and downstream of the crossing.	6-8	Large Gravel		2-4	EF	3 CT
970	58.101575	-135.585144	Grade lowers significantly. Upstream about 15%.	10-12				EF	2 CT 1 SC
971	58.101483	-135.585425	Young-of-year CO capture.					EF	2 CO 2 CT 2 SC



Figure 1.—Juvenile coho salmon captured at waypoint 971.



Figure 2.—Channel at old road crossing at waypoint 969.

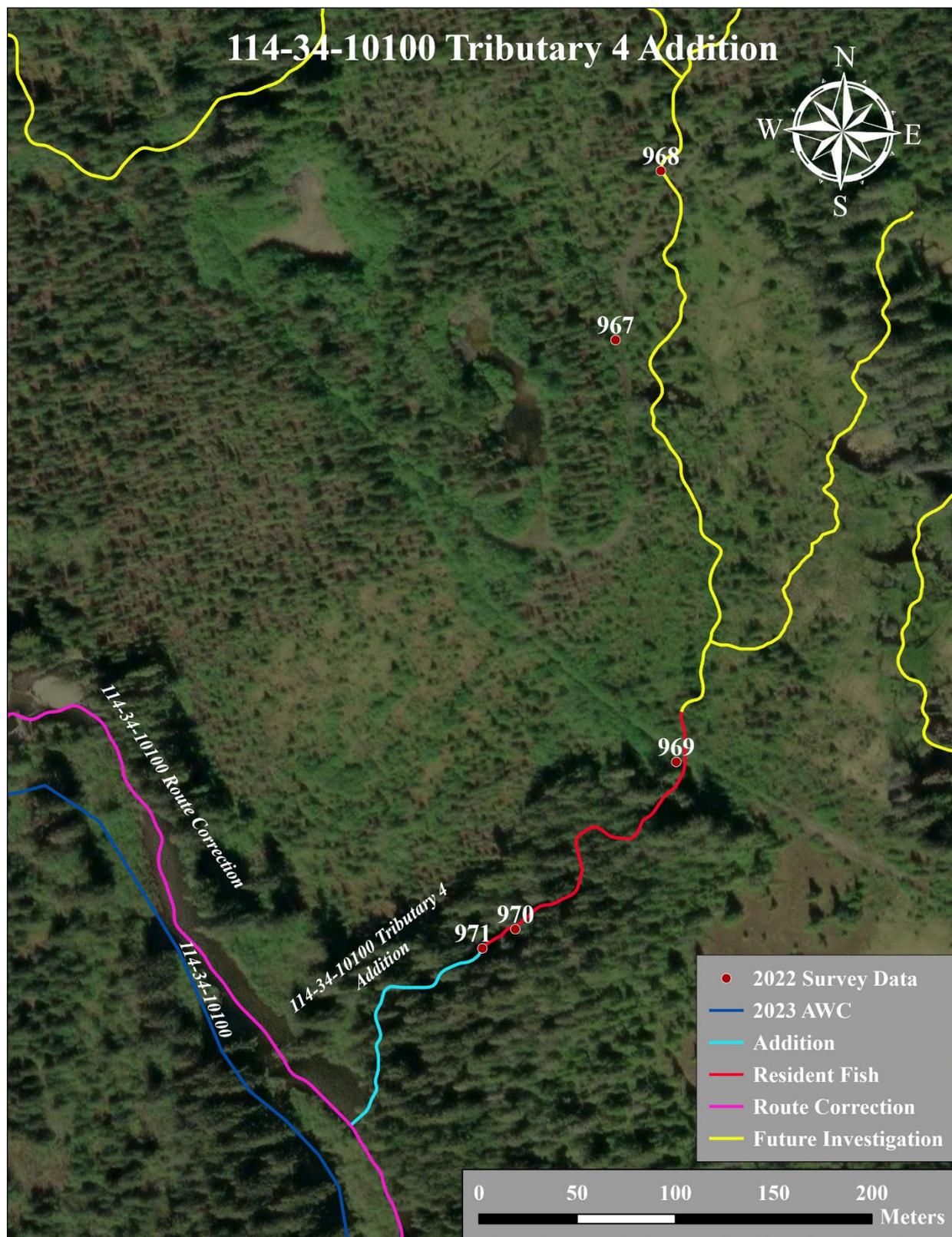


Figure 3.—114-34-10100 tributary 4 addition map.