

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-31-10130 Tributary 10

ADDITION

Water body name:

Survey date: 7/19/2022

Quad: Sitka D-5

Species & Lifestage:

Upper Reach Latitude: 57.972895 **Longitude:** -135.449048

Survey crew: FC, RR

Lower Reach Latitude: 57.972850 **Longitude:** -135.449254

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The tributary stream had very little water further upstream at the time of survey, making both electrofishing and trapping impractical; however, juvenile coho salmon were captured near the confluence (Table 1; Figure 1).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 2).

Nomination: Pending

Table 1.—114-31-10130 tributary 10 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1155	57.972863	-135.445916	Start of survey on tributary. Water very low upstream and not very practical for electrofishing. Resident fish capture. Advancing downstream.	2-4	Small Gravel Fine Organic		4-6	EF	1 CT 1 DV
1156	57.972866	-135.446233	Continued resident fish capture. Largely overgrown with skunk cabbage and sedge grasses.					EF	3 DV
1157	57.973034	-135.447181	Channel is nearly dry starting ~200' upstream with sporadic disconnected puddles of low water. Not practical for electrofishing.					Not Fished	
1158	57.973134	-135.447518	Water returns to channel; fed by two small river-right tributaries which look to have marginal CO habitat.	2-4	Fine Organic Small Gravel		1-2	EF	No Fish
1159	57.972971	-135.448339	Resident fish capture where electrofishing becomes more practical (compared to upstream).					EF	3 DV

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1160	57.972903	-135.449072	2-yr CO capture. Anadromous fish passage likely continues a few hundred feet upstream (no barrier/blockage or gradient increase), but upstream isn't conducive for electrofishing (small stream of low visibility water with surface starting 1-2' below cut banks and lots of crowding vegetation).	2-4	Fine Organic Small Gravel		1-2	EF	2 CO



Figure 1.—Juvenile coho salmon captured at waypoint 1160.

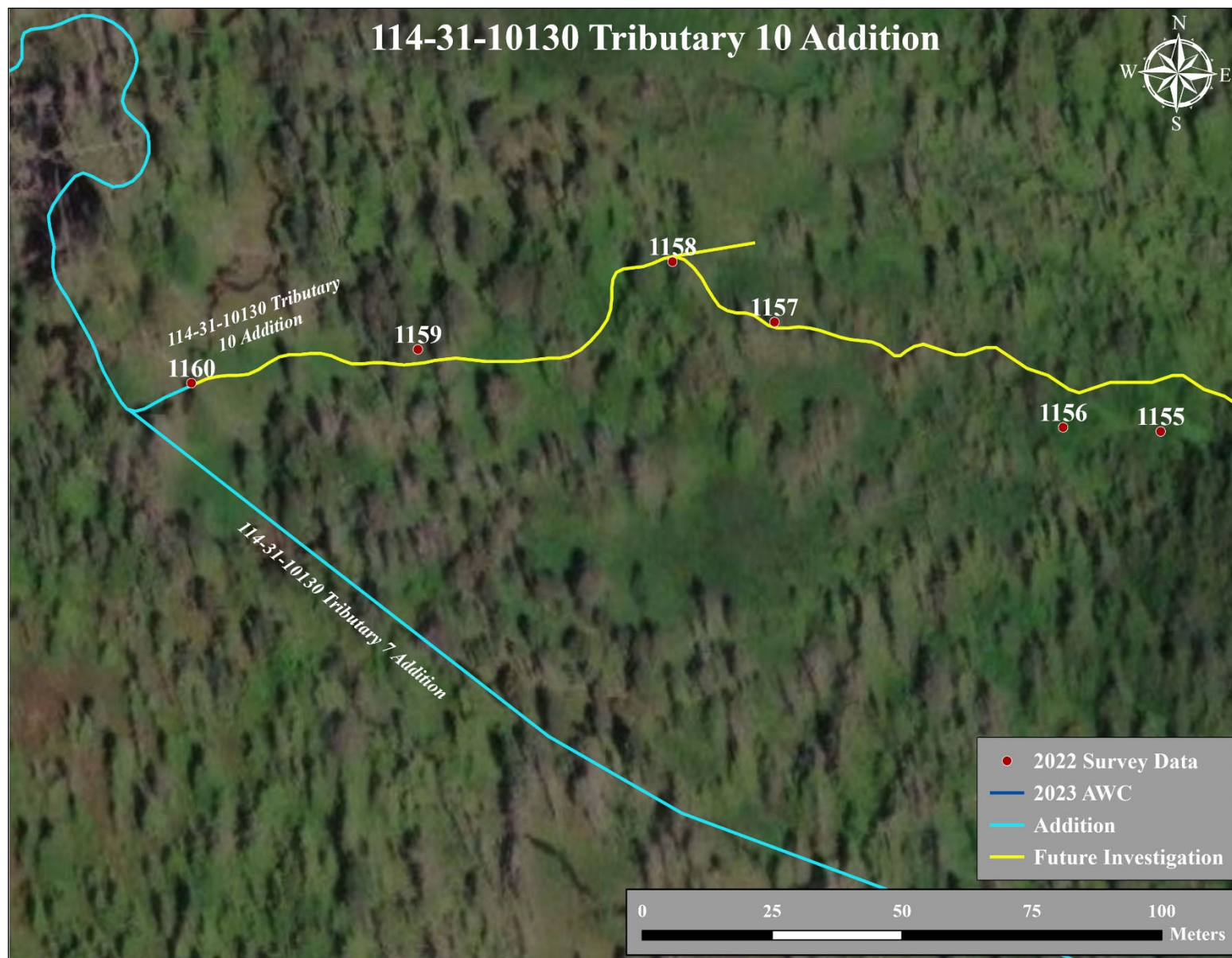


Figure 2.—114-31-10130 tributary 10 addition map.