

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-31-10130 Tributary 6

ADDITION

Water body name:

Quad: Sitka D-5

Upper Reach Latitude: 57.975786 **Longitude:** -135.454125

Lower Reach Latitude: 57.976054 **Longitude:** -135.454753

Survey date: 7/13/2022

Species & Lifestage:

Survey crew: FC, RR

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and sculpin. The tributary stream descends a hillside and has gravel substrate (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.—114-31-10130 tributary 6 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1012	57.976915	-135.452026	Start of tributary survey. Resident fish capture. Suspect downstream barrier/blockage. Advancing downstream.	2-4	Small Gravel Large Gravel		2-4	EF	5 DV
1013	57.976659	-135.452341	Stream somewhat disconnected/subsurface. Continued resident fish capture.					EF	3 DV
1014	57.976270	-135.452995	Continued resident fish capture.					EF	4 DV
1015	57.976178	-135.453219	Some disconnected water at waypoint. Evidence of somewhat saturated channel where stream may have flown downstream; now overgrown with ferns and skunk cabbage. Stream now follows route indicated by waypoints.					Not Fished	
1016	57.975958	-135.454139	Route correction meets back with stream line predicted by LiDAR.	2-4	Small Gravel Fine Organic		2-4	EF	No Fish
1017	57.976040	-135.454403	Young-of-year CO capture.					EF	2 CO 1 SC
1018	57.975790	-135.454145	Young-of-year CO capture.					EF	2 CO
1019	57.975824	-135.453733	~3' tall log jam falls with small (few inches) pool below; likely temporary barrier to fish passage. Somewhat disconnected just downstream.			Log Jams		EF	No Fish

Table 2.–Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1020	57.975841	-135.453475	Waypoint for route correction.					EF	No Fish
1021	57.975961	-135.453305	Waypoint for route correction.					Not Fished	
1022	57.975904	-135.453074	Waypoint for route correction.					Not Fished	
1023	57.975974	-135.452717	Waypoint for route correction.	2-4	Small Gravel Fine Organic		2-4	EF	No Fish



Figure 1.–Channel descending hillside at waypoint 1012.



Figure 2.—Juvenile coho salmon captured at waypoint 1017.



Figure 3.—Disconnected water where LiDAR predicted stream at waypoint 1015.

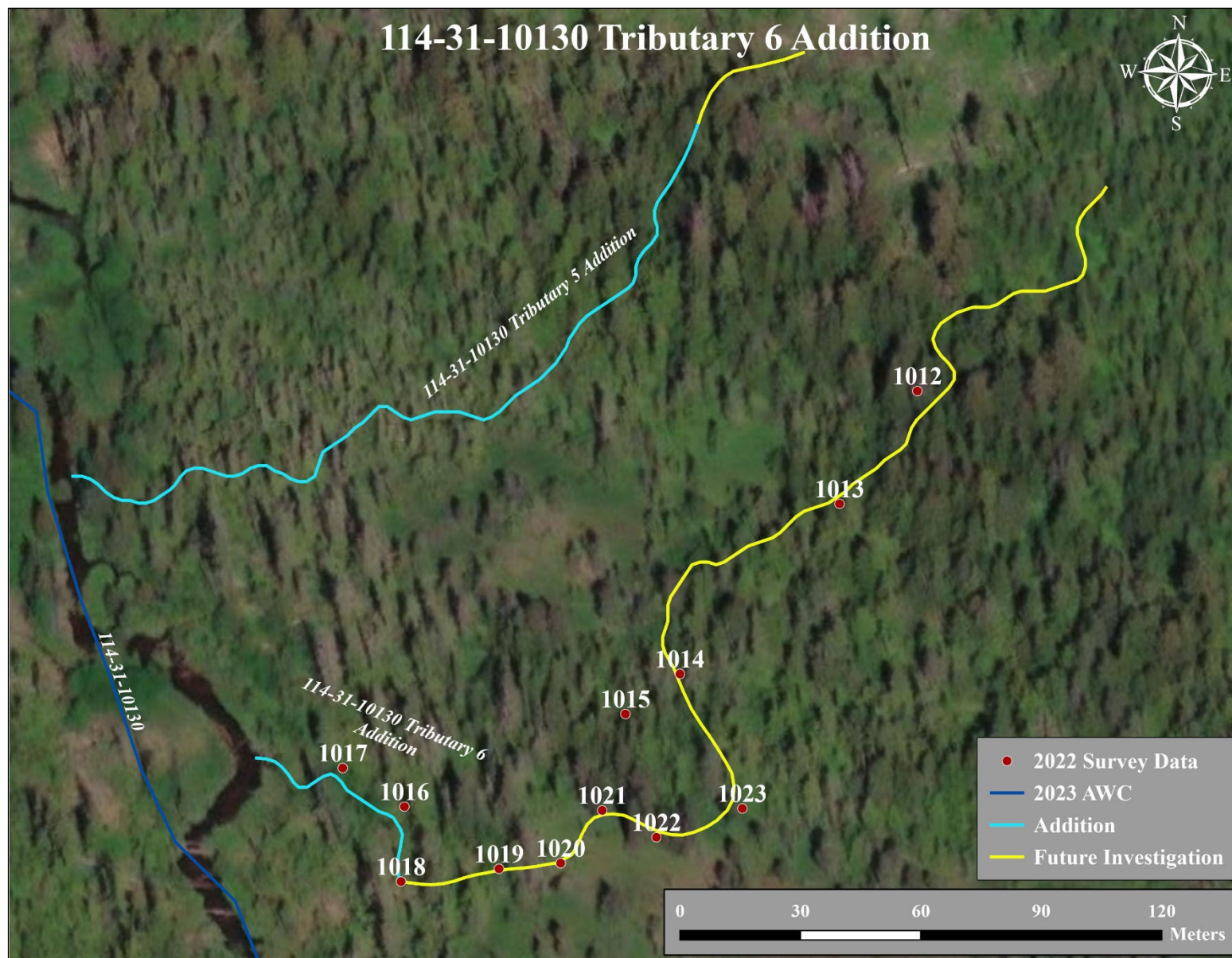


Figure 4.–114-31-10130 tributary 6 addition map.