

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-31-10130 Tributary 12

ADDITION

Water body name:

Quad: Sitka D-5

Upper Reach Latitude: 57.970697 **Longitude:** -135.447744

Lower Reach Latitude: 57.971052 **Longitude:** -135.448885

Survey date: 7/19/2022

Species & Lifestage:

Survey crew: FC, RR

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. The tributary stream seeps out of a slight hillside and has reaches with intermittent subterranean flow (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.—114-31-10130 tributary 12 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1143	57.970975	-135.448829	Confluence of river-right tributary with main catalogued channel. Somewhat backwatered. Advancing upstream.	1-2	Fine Organic		1-2	Not Fished	
1144	57.970966	-135.448414	Channel goes sporadically subsurface for ~30' then reappears here.	2-4	Fine Organic		1-2	EF	No Fish
1145	57.971110	-135.447413	No water in channel; fairly overgrown with skunk cabbage and shrubs.						
1146	57.970864	-135.448299	1-yr CO capture.					EF	2 CO
1147	57.970705	-135.447772	Continued 1-yr CO capture.	2-4	Fine Organic Small Gravel		2-4	EF	2 CO
1148	57.970908	-135.447770	Channel without water where LiDAR predicts stream. Stream continues to follow waypoint on river-left.					Not Fished	
1149	57.970607	-135.447162	Stream goes subsurface/dry here for at least 75'. CO habitat has become more marginal. End of survey on this tributary.					EF	No Fish



Figure 1.—Juvenile coho salmon captured at waypoint 1147.



Figure 2.—Channel at waypoint 1146.

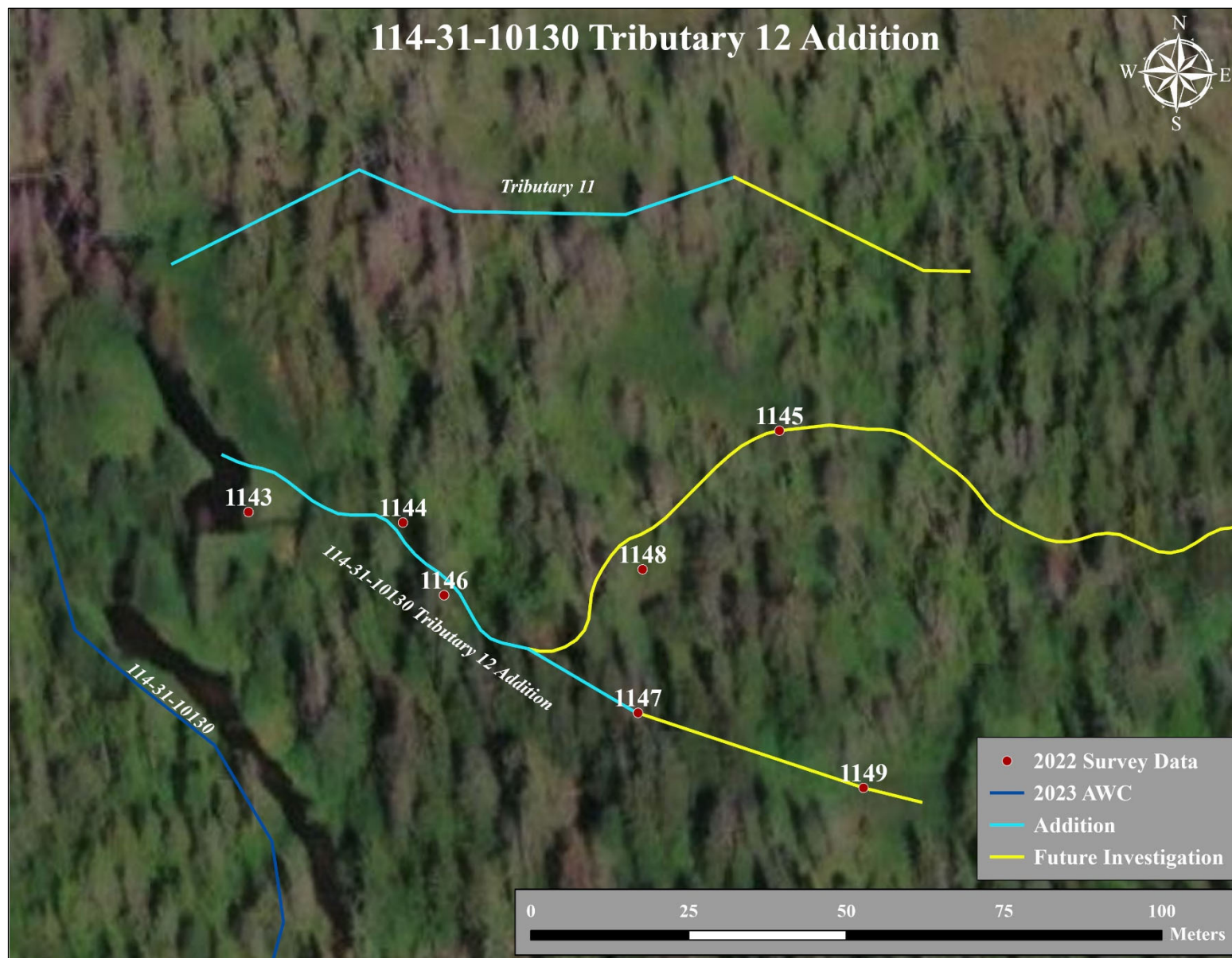


Figure 3.—114-31-10130 tributary 12 addition map.