

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-23-10700-2005-0010 Tributary 1

ADDITION

Water body name:

Survey date: 9/13/2022

Quad: Juneau A-6

Species & Lifestage:

Upper Reach Latitude: 58.129961 **Longitude:** -135.878721

Survey crew: EF, RR

Lower Reach Latitude: 58.130136 **Longitude:** -135.879652

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. The tributary stream seeps out of a low-gradient hillside, flows through a small gravel channel, and empties into Otter Lake (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.—114-23-10700-2005-0010 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1778	58.129946	-135.879034	Small inlet stream that splits at tree-line, up from lake edge proceeding upstream to survey.		Small Gravel		2-4	Not Fished	
1779	58.129932	-135.878914						EF	3 CO
1780	58.129965	-135.878742	Water seeps from hillside. Has good flow. CO up to end of channel.	1-2	Clay Silt		1-2	EF	5 CO



Figure 1.—Juvenile coho salmon captured at waypoint 1779.



Figure 2.—Downstream view of channel towards lake at waypoint 1778.



Figure 3.—Stream seeping out of hillside at waypoint 1780.

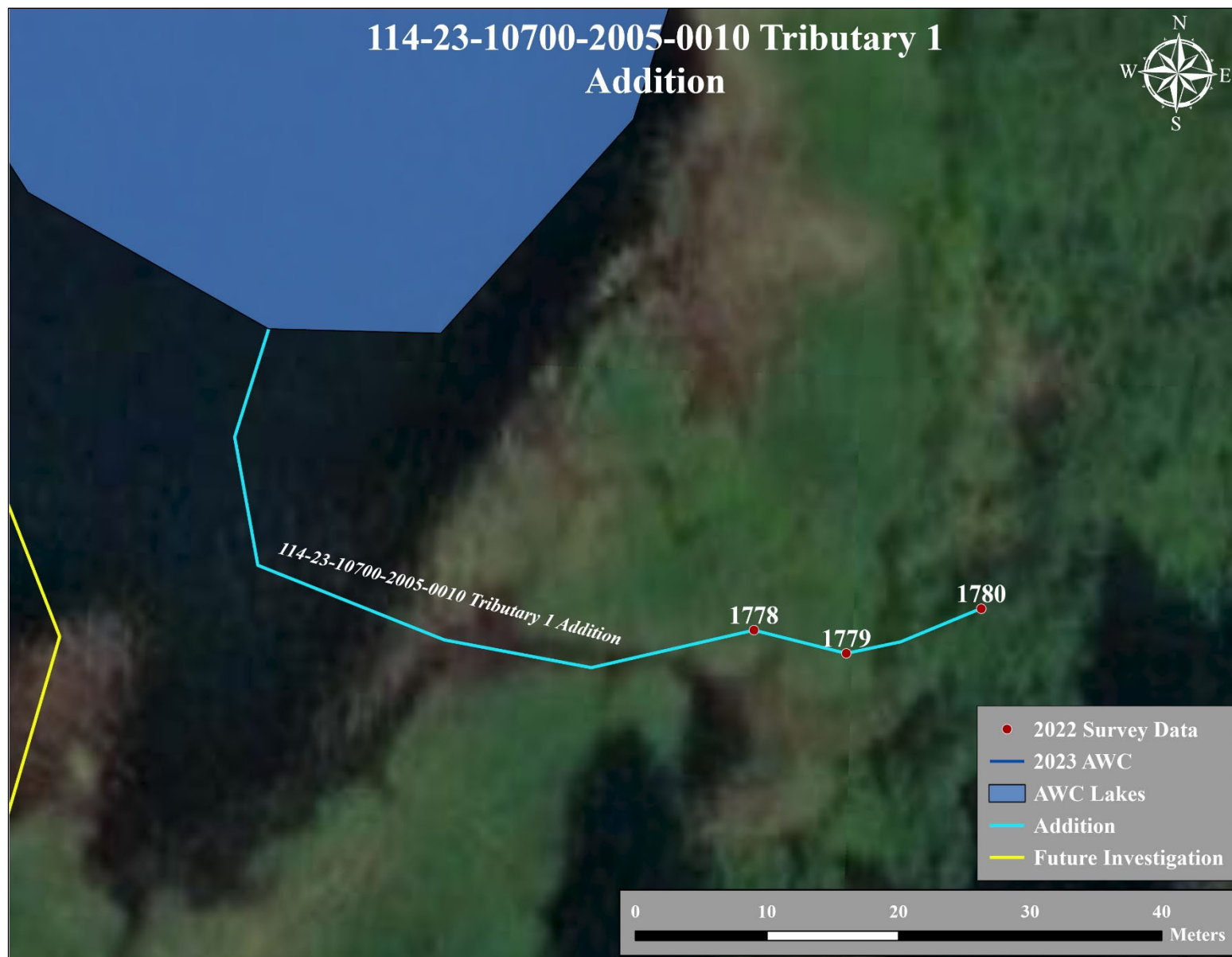


Figure 4.–114-23-10700-2005-0010 tributary 1 addition map.