

Alaska Department of Fish and Game

Habitat Section
Southeast Region



112-12-10160 Tributary 1

ADDITION

Waterbody name:

Survey date: 8/4/22, 8/18/2022

Quad: Sitka C-4

Species & Lifestage:

Upper Reach Latitude: 57.726579 **Longitude:** -135.120782

Survey crew: JL, RR, FC

Lower Reach Latitude: 57.729204 **Longitude:** -135.119175

Findings: We surveyed this uncataloged stream using a backpack electrofisher and a GPS and captured juvenile coho salmon (Figure 1). The stream channel is forested and low gradient throughout the area surveyed (Table 1; Figures 2, 3). We used USFS data to draw the streamline.

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 4).

Nomination: Pending

Table 1.—112-12-10160 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1312	57.726307	-135.120823	5' CMP with ~3' gravel sediment in pipe at outlet, emptying into small stream with cut banks overgrown with ferns and skunk cabbage. Surveyed via electrofishing for 150' downstream of culvert. ~1-2' sediment in pipe at inlet.	2-4	Small Gravel Fine Organic		2-4	EF	10 DV
1313	57.725876	-135.120943	Buried logs in place of crossing structure. Blocks fish passage	2-4	Fine Organic				No Fish
1314	57.726576	-135.121557	~6' CMP well-aligned with 1-2' gravel sediment in pipe at inlet and 2-3' at outlet. Surveyed ~100' downstream of outlet; some ~1' falls over rootwads, but still no fish just downstream. Potentially good CO rearing habitat continues downstream; may want to return to survey further downstream. Upstream follows along ditch.	4-6	Small Gravel Sand		2-4	EF	2 DV
1530	57.726804	-135.121030	Confluence of streams. River left is main channel and other has 4 ft falls to stream on caught dev above.	4-6	Small Gravel		1-2	EF	2 CO 2 DV
1531	57.726614	-135.120847						EF	2 CO



Figure 1.—Juvenile coho salmon captured at waypoint 1531.



Figure 2.—Channel upstream of waypoint 1531.



Figure 3.—Culvert outlet at waypoint 1312.

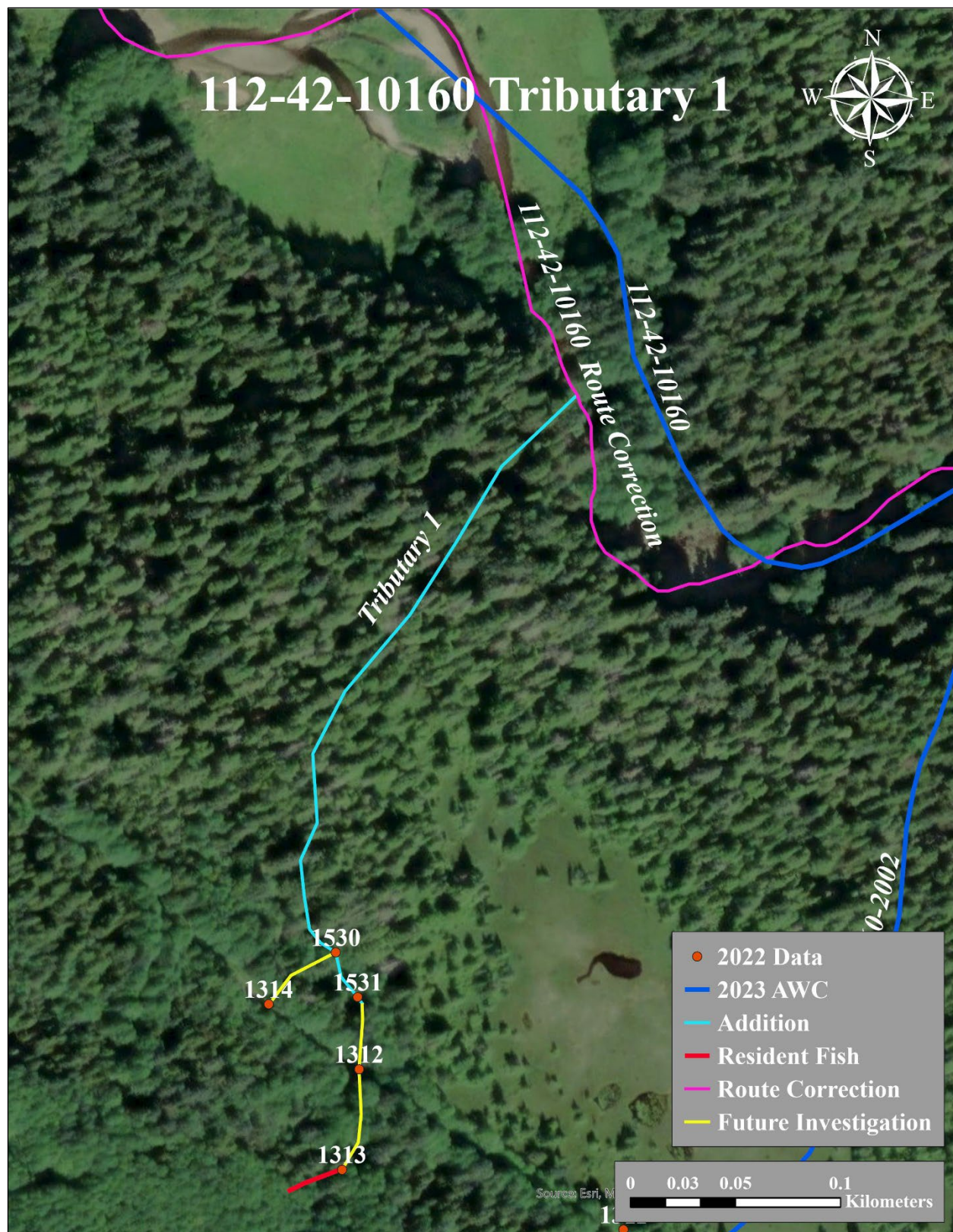


Figure 4.–112-12-10160 tributary 1 addition map.