

Alaska Department of Fish and Game

Habitat Section
Southeast Region



112-12-10340-2004 Tributary 1

ADDITION

Waterbody name:

Survey date: 8/16/2022

Quad: Sitka C-3

Species & Lifestage:

Upper Reach Latitude: 57.702343 **Longitude:** -134.941491

Survey crew: DK, FC

Lower Reach Latitude: 57.704386 **Longitude:** -134.936086

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon (Figure 1). The stream channel is forested and low gradient (Table 1; Figures 2, 3). The survey ended due to time constraints; fish habitat continues upstream.

Recommendations: Add this stream to the anadromous waters catalog for rearing coho salmon, spawning pink salmon, and pink salmon presence (Figure 4).

Nomination: Pending

Table 1.—112-12-10340-2004 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1371	57.703583	-134.936996	Adult pinks (exhibiting spawning behavior) and young-of-year CO observed via visual ID. 11 ft bottomless aluminum arch pipe, well bedded and passing fish.					VI	10 P 4 CO
1396	57.702962	-134.941925	No significant stream in this valley, likely abandoned many years ago.						
1397	57.702389	-134.941533	Fish habitat goes on for long ways, ending survey due to time. Numerous pink carcasses, stream is very	20-25	Small Gravel	Spawning Substrate	1-2	EF	2 CO P
1398	57.701417	-134.938350	18 inch CMP. Appears backwatered. Channel disappears downstream of culvert.	2-4			1-2	EF	No Fish



Figure 1.—Juvenile coho salmon captured at waypoint 1397.



Figure 2.—Channel at waypoint 1397.



Figure 3.—Culvert and spawning pink salmon at waypoint 1371.

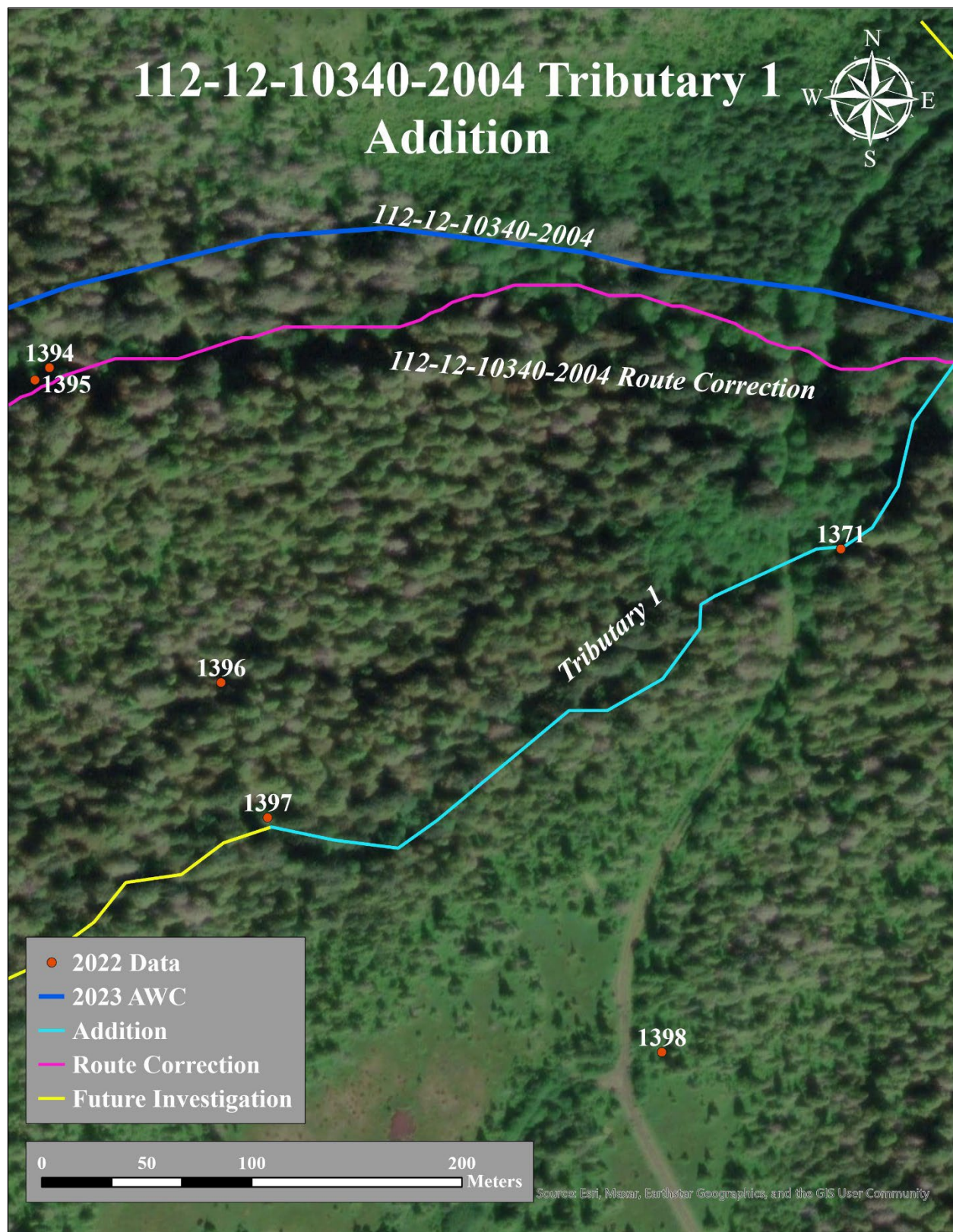


Figure 4.—112-12-10340-2004 tributary 1 addition map.