

Alaska Department of Fish and Game

Habitat Section
Southeast Region



109-42-10100 Tributary 1

ADDITION

Waterbody name:

Survey date: 6/15/2023

Quad: Petersburg D-6

Species & Lifestage:

Upper Reach Latitude: 56.882460 **Longitude:** -133.709718

Survey crew: FC, CD

Lower Reach Latitude: 56.882273 **Longitude:** -133.710985

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon (Figure 1). The stream channel is in a palustrine wetland with evidence of beaver activity (Table 1; Figures 2, 3).

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

Nomination: Pending

Table 1.—109-42-10100 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
324	56.882428	-133.710213	Small trib to Hamilton creek, RL. Starting survey.	2-4	Small Gravel Fine Organic		0-1	EF	
325	56.882495	-133.708155	Channel cut through sedges but whole area is flooded currently, not EF-able. Could come back with traps. Beaver complex 1,000 ft upstream of current point.	10-12	Fine Organic		0-1		
326	56.882468	-133.710151	Just upstream of confluence. Many coho present.	2-4					2 CO
327	56.882404	-133.709974							2 CO
328	56.882464	-133.709737	Stream flows down what appears to be and old beaver dam, fish passage above might be difficult water seeps out of base of dam. Lots of YOY coho at this upper point.				0-1		2 CO



Figure 1.—Juvenile coho salmon captured at waypoint 328.



Figure 2.—Channel at waypoint 328.



Figure 3.—Channel at waypoint 324.



Figure 4.-109-42-10100 tributary 1 addition map.