

Alaska Department of Fish and Game

Habitat Section
Southeast Region



East Port Frederick Uncataloged Stream

ADDITION

Water body name:

Survey date: 9/12/2021; 7/14/2022

Quad: Juneau A-5

Species & Lifestage:

Upper Reach Latitude: 58.078485 **Longitude:** -135.461474

Survey crew: RR, FC, BL, MR

Lower Reach Latitude: 58.090716 **Longitude:** -135.450218

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. The stream emerges from sporadic subterranean flow upstream and enters a tidally-influenced wetland, passing under a bridge (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.—Uncataloged stream survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1074	58.079195	-135.461830	Starting survey.	4-6	Small Gravel Sand	Incised Channel	1-2	EF	3 CO
1075	58.078489	-135.461494	Grade and habitat change in stream.	4-6	Small Gravel Large Gravel	LWD Incised	4-6	EF	2 CO
1076	58.078330	-135.461452	End of survey. Stream increased in grade and began sporadically going subsurface. Habitat is still good for coho rearing if they could access it.					EF	No Fish
2395	58.085581	-135.458970	Bridge over stream. Still tidally influenced about 0.1 miles upstream.	25-30	Small Gravel Large Gravel		0-1	Not Fished	



Figure 1.—Juvenile coho salmon captured at waypoint 1074.



Figure 2.—Channel at waypoint 1074.



Figure 3.—Uncataloged stream addition map.