## Alaska Department of Fish and Game

Habitat Section Southeast Region

## East Port Frederick Uncataloged Stream

Water body name:

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

Quad: Juneau A-5Species & Lifestage:Upper Reach Latitude: 58.078485 Longitude: -135.461474Survey crew: RR, FC, BL, MRLower Reach Latitude: 58.090716 Longitude: -135.450218Survey crew: RR, FC, BL, MR

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



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



Figure 2.-Channel at waypoint 1074.

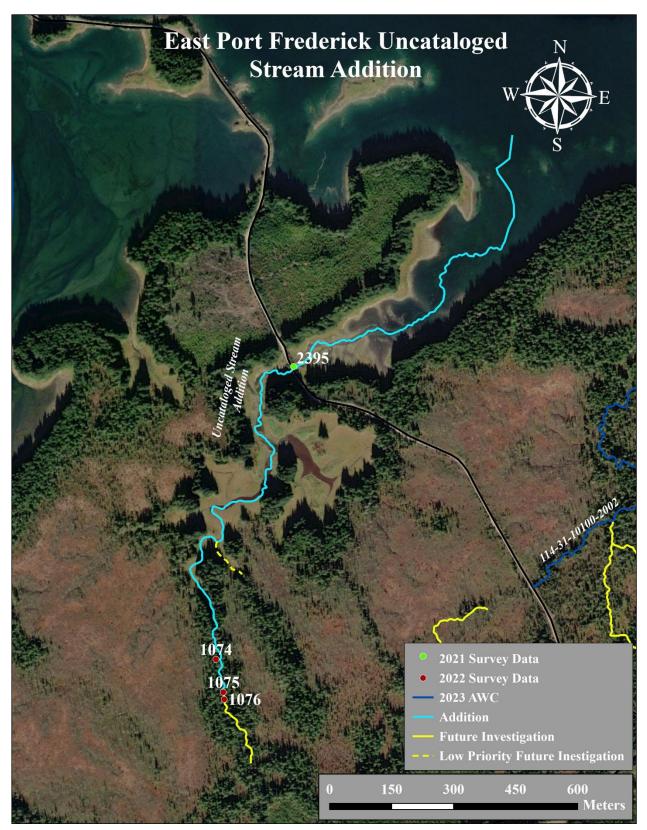


Figure 3.–Uncataloged stream addition map.