Alaska Department of Fish and Game

Habitat Section Southeast Region



East Port Frederick Uncataloged Stream

ADDITION

Water body name:

Quad: Juneau A-5

Upper Reach Latitude: 58.075593 Longitude: -135.490089

Survey date: 8/22/2022

Species & Lifestage:

Survey crew: FC

Lower Reach Latitude: 58.084991 Longitude: -135.501060

Findings: We surveyed this uncataloged stream using baited minnow traps and GPS and captured juvenile coho salmon. We also observed adult pink salmon. The stream flows through low-gradient maintained pasture in a tidally-influenced reach with spawning gravel (Table 1; Figures 1–3).

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

Nomination: Pending

Table 1.-Uncataloged stream survey data.

Waypoint	Latitude	Longitude	Notes	Stream	Stream	Habitat	Gradient	Sample	Sample
				Width ft	Substrate	Features	%	Effort	Results
1454	58.074837	-135.490704	Tidally-influenced stream	20-25	Large Gravel	Spawning	1-2	VI	30 P
			with cut/collapsed banks		Sand	Substrate			
			running through			Cut			
			pasture/farmland			Banks			
			maintained by Mount						
			Bethel Bible Center.						
			Confluence with river-left						
			tributary. Several adult						
			pinks at/downstream of						
			confluence and some						
			heading atleast 100'						
			upstream both main						
			channel and tributary.						
1455	58.075545	-135.489987	Minnow trap soaked < 1					MT	2 CO
			hr. 2-yr CO capture; one						
			fell from trap.						



Figure 1.-Juvenile coho salmon captured at waypoint 1455.



Figure 2.—Confluence of stream and river-left tributary at waypoint 1454.



Figure 3.-Adult pink salmon observed near the confluence at waypoint 1454.

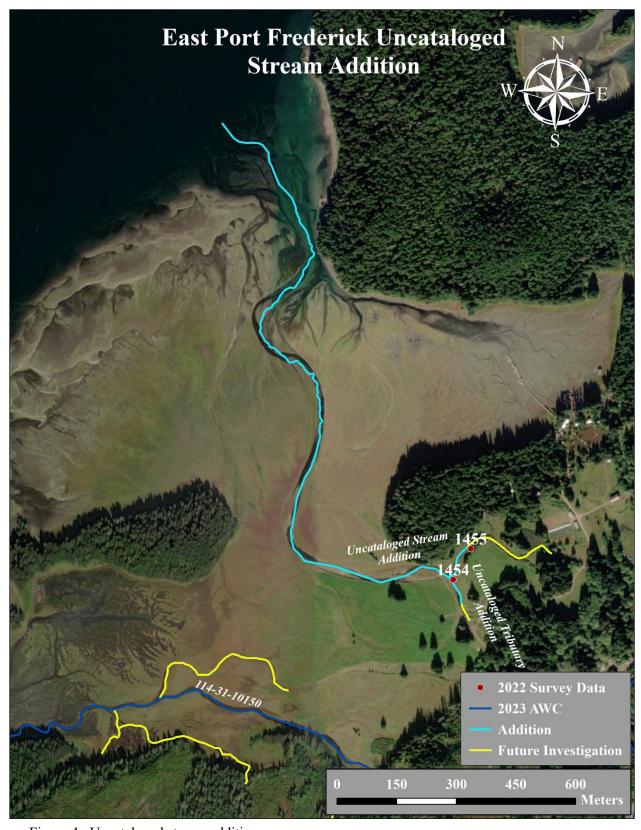


Figure 4.–Uncataloged stream addition map.