Alaska Department of Fish and Game

Habitat Section Southeast Region

Gastineau Channel Uncataloged Stream

Water body name:

Quad: Juneau B-2

Upper Reach Latitude: 58.323300 Longitude: -134.607125 Lower Reach Latitude: 58.324472 Longitude: -134.608719

Findings: We surveyed this cataloged stream using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon and sculpin. The stream flows down a hillside, through a 2-foot culvert perched over riprap, and into the intertidal (Table 1; Figures 1–3).

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

Nomination: Pending

Waypoint	Latitude	Longitude	Notes	Stream	Stream	Habitat	Gradient	Sample	Sample
				Width ft	Substrate	Features	%	Effort	Results
1033	58.323892	-134.607895	Old abandoned boat in tidal outlet of stream.						
1034	58.323304	-134.607146	1- to 2-yr CO capture once slow-flow rearing habitat became more available compared to downstream. ~60' downstream of outlet of 2' smooth-walled plastic pipe culvert, perched with water falling onto riprap.	6-8	Small Gravel Fine Organic		4-6	EF	2 CO 5 SC
1106	58.322965	-134.606752	Minnow trap soaked overnight ~40' upstream of culvert inlet.					MT	No Fish
1125	58.321871	-134.606129	Separate stream from nearest waypoint. Gradient rapidly increasing upstream; waterfall in view.	12-15	Cobble Boulder	Incised Channel Cut Banks	6-8	Not Fished	
1126	58.321515	-134.605715	20+' bedrock waterfall.	8-10	Cobble Boulder	Incised Channel LWD	20-25	Not Fished	

Table 1.-Gastineau Channel uncataloged stream survey data.



Species & Lifestage:

Survey crew: FC

Survey date: 10/19/2023; 10/31/2023



Figure 1.–Juvenile coho salmon captured at waypoint 1034.



Figure 2.–Downstream view of stream at waypoint 1034.



Figure 3.–Perched culvert outlet at waypoint 1034.



Figure 4.-Gastineau Channel uncataloged stream addition map.