

Alaska Department of Fish and Game

Habitat Section
Southeast Region



Gastineau Channel Uncataloged Stream

ADDITION

Water body name:

Survey date: 10/24/2023

Quad: Juneau B-2

Species & Lifestage:

Upper Reach Latitude: 58.303782 **Longitude:** -134.449679

Survey crew: FC

Lower Reach Latitude: 58.305693 **Longitude:** -134.448037

Findings: We surveyed this cataloged stream using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon, Dolly Varden, and sculpin. The stream falls out of a perched culvert into a small pool and through a channel dominated by boulder and cobble sediment prior to dropping 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

Table 1.—Gastineau Channel uncataloged stream survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1059	58.303754	-134.449741	Resident fish capture (one DV ~6" long). Gradient increases upstream of here and channel becomes increasingly bedrock-dominated prior to leveling out somewhat near culvert outlet.	8-10	Cobble Small Gravel		10-12	EF	3 DV
1060	58.303768	-134.449659		8-10	Large Gravel Cobble		8-10	EF	2 CO 3 DV 3 SC
1067	58.303661	-134.449908	Minnow trap soaked overnight.					MT	No Fish
1068	58.303459	-134.450153	Minnow trap soaked overnight in large pool just downstream of culvert outlet.					MT	4 DV



Figure 1.—Perched culvert outlet and pool at waypoint 1068.



Figure 2.—Juvenile coho salmon captured at waypoint 1060.



Figure 3.—Upstream view of stream at waypoint 1060.



Figure 4.—Gastineau Channel uncataloged stream addition map.