

Alaska Department of Fish and Game

Habitat Section
Southeast Region



Gastineau Channel Uncataloged Stream

ADDITION

Water body name:

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

Quad: Juneau B-2

Species & Lifestage:

Upper Reach Latitude: 58.322697 **Longitude:** -134.610239

Survey crew: FC

Lower Reach Latitude: 58.323506 **Longitude:** -134.610937

Findings: We surveyed this cataloged stream using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon and sculpin. The stream falls out of a significantly perched 2-foot plastic culvert and flows down a steep-gradient hillside, with gradient becoming less severe as it approaches 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
1026	58.322903	-134.610388	Started shocking here near tree-line. 1-yr CO capture; advancing upstream.	2-4	Small Gravel Large Gravel	Cut Banks	4-6	EF	1 CO 6 SC
1027	58.322701	-134.610259	Continued 1-yr CO capture.	6-8	Large Gravel Small Gravel	Cut Banks	4-6	EF	2 CO
1028	58.322610	-134.610248	Gradient increase compared to just downstream flowing from pool fed by water falling out of 2' smooth-walled plastic pipe culvert onto riprap. Shocked pool and just downstream; no fish.	4-6	Large Gravel Cobble		8-10	EF	No Fish
1105	58.322320	-134.610164	Minnow trap soaked overnight at culvert inlet.					MT	No Fish



Figure 1.—Juvenile coho salmon captured at waypoint 1027.



Figure 2.—Downstream view of stream at waypoint 1027.



Figure 3.—Perched culvert outlet and conveyance stream at waypoint 1028.



Figure 4.—Gastineau Channel uncataloged stream addition map.