

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: 58.322943 **Longitude:** -134.608386

Survey crew: FC

Lower Reach Latitude: 58.323658 **Longitude:** -134.610051

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 3-foot plastic culvert with 4-foot perch and flows down a 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
1029	58.323270	-134.609158	1-yr CO capture at tree-line in small stream running through wetland beach with cut banks. Advancing upstream.	2-4	Small Gravel	Cut Banks	2-4	EF	3 CO 12 SC
1030	58.322947	-134.608406	Only SC captured between downstream waypoint at tree-line and here, but then continued CO capture in pool directly below 3' smooth-walled plastic pipe culvert with 4' perch, falls onto riprap / into pool. One CO dropped from net. Downstream gradient from road to tree-line is not quite as steep as nearby streams to the west.	8-10	Small Gravel Large Gravel		4-6	EF	2 CO 1 SC
1104	58.322701	-134.608125	Minnow trap soaked overnight at culvert inlet.					MT	No Fish



Figure 1.—Juvenile coho salmon captured at waypoint 1029.



Figure 2.—Downstream view of stream at waypoint 1030.



Figure 3.—Perched culvert outlet at waypoint 1030.



Figure 4.—Gastineau Channel uncataloged stream addition map.