Alaska Department of Fish and Game

Habitat Section Southeast Region

Gastineau Channel Uncataloged Stream

Water body name:

Quad: Juneau B-2 Upper Reach Latitude: 58.322943 Longitude: -134.608386 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

| _ | Waypoint | Latitude | Longitude | Notes | Stream | Stream | Habitat | Gradient | Sample | Sample |
|---|----------|-----------|-------------|---|----------|--------------|----------|----------|--------|---------|
| | | | | | Width ft | Substrate | Features | % | Effort | Results |
| | 1029 | 58.323270 | -134.609158 | 1-yr CO capture at tree- | 2-4 | Small Gravel | Cut | 2-4 | EF | 3 CO |
| | | | | line in small stream running through wetland beach with cut banks. Advancing upstream. | | | Banks | | | 12 SC |
| | 1030 | 58.322947 | -134.608406 | Only SC captured between | 8-10 | Small Gravel | | 4-6 | EF | 2 CO |
| | | | | 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. | | Large Gravel | | | | 1 SC |
| | 1104 | 58.322701 | -134.608125 | Minnow trap soaked | | | | | MT | No Fish |
| _ | | | | overnight at culvert inlet. | | | | | | |

Table 1.-Gastineau Channel uncataloged stream survey data.

Survey crew: FC

Species & Lifestage:

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

ADDITION



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.

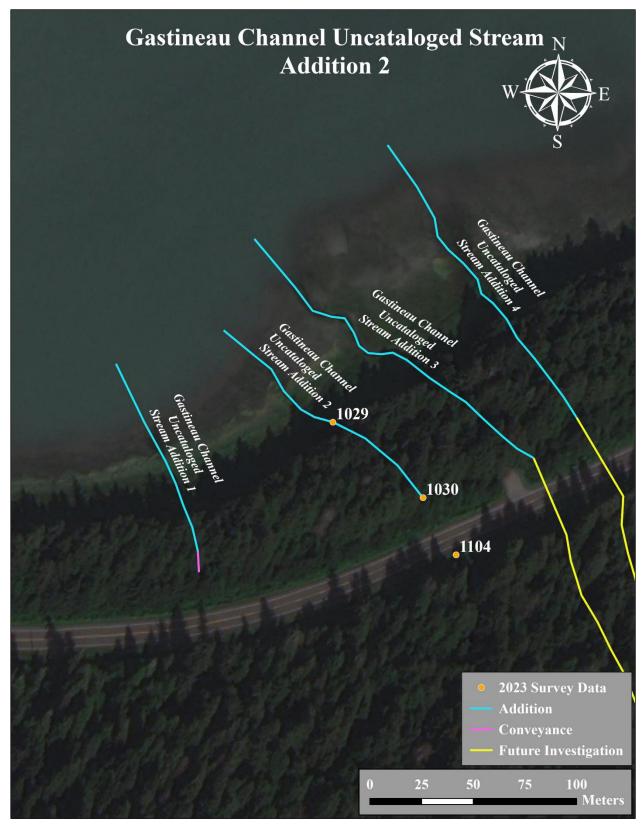


Figure 4.-Gastineau Channel uncataloged stream addition map.