

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-31-10130 Tributary 9

ADDITION

Water body name:

Survey date: 7/13/2022

Quad: Sitka D-5

Species & Lifestage:

Upper Reach Latitude: 57.974176 **Longitude:** -135.448885

Survey crew: FC, RR

Lower Reach Latitude: 57.973823 **Longitude:** -135.450269

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The tributary stream descends a slight hillside and has intermittent reaches of gravel and organic sediment (Table 1; Figures 1, 2).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 3).

Nomination: Pending

Table 1.—114-31-10130 tributary 9 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1035	57.973839	-135.450326	Confluence with river-right tributary. Sediment becoming more organic-dominant both in river-right and main tributary.	6-8	Fine Organic Small Gravel	Cut Banks	2-4	EF	No Fish
1036	57.973884	-135.450141	Young-of-year CO capture.	2-4	Fine Organic Small Gravel		2-4	EF	2 CO 1 CT
1037	57.974013	-135.449753	Continued 1-yr CO capture just downstream of two 12-18" tall log jam falls without jump pools.					EF	1 CO
1038	57.974103	-135.449531	Continued young-of-year and 1-yr CO capture. Gradient decreasing; small gravel reappearing and becoming dominant substrate.	2-4	Small Gravel Fine Organic		2-4	EF	2 CO 3 DV
1039	57.974164	-135.448887	Stream goes subsurface for ~30'. Continued 1-yr CO capture just downstream of subsurface section. Resident fish capture in marginal CO habitat just upstream. Gradient increases upstream. End of survey on this tributary.	2-4	Fine Organic		4-6	EF	2 CO 1 DV



Figure 1.—Juvenile coho salmon captured at waypoint 1039.



Figure 2.—Channel at waypoint 1035.



Figure 3.–114-31-10130 tributary 9 addition map.