

Alaska Department of Fish and Game

Habitat Section
Southeast Region



110-17-10080 Tributary 1

ADDITION

Water body name:

Survey date: 6/10/2023

Quad: Sitka A-1

Species & Lifestage:

Upper Reach Latitude: 57.035493 **Longitude:** -134.006696

Survey crew: CD, FC

Lower Reach Latitude: 57.035562 **Longitude:** -134.007331

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon, Dolly Varden and trout (Figure 1). The stream is forested and low gradient until the road; up and downstream of the pipe there was a large amount of slash in the stream (Table 1; Figures 2, 3).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 4).

Nomination: Pending

Table 1.—110-17-10080 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
230	57.035508	-134.006461	Upstream of culvert. 2-3ft CMP. Fish seen in pool upstream of culvert. Some debris in pipe. Small falls into inlet, created by debris pile at inlet, at least a foot tall. Lots of slashed branches in stream.	6-8	Large Gravel		4-6		
231	57.035556	-134.006226	Upstream of culvert, EF two DV. Grade increases above this point.						2 DV
232	57.035488	-134.006719	CO caught in pool just below culvert. CMP has many bends in it and may fail. Likely blocking fish passage due to small falls, not a significant amount of upstream habitat due to increasing gradient.	10-12	Large Gravel Small Gravel	Large Pool	2-4	EF	2 CO 1 DV 1 Trout



Figure 1.—Juvenile coho salmon captured at waypoint 232.



Figure 2.—Culvert at waypoint 230.



Figure 3.—Channel at waypoint 230.



Figure 4.—110-17-10080 tributary 1 addition map.