

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-32-10240 Tributary 1

ADDITION

Water body name:

Survey date: 6/26/2024

Quad: Sitka D-6

Species & Lifestage:

Upper Reach Latitude: 57.961684 **Longitude:** -135.720977

Survey crew: CD, FC

Lower Reach Latitude: 57.963081 **Longitude:** -135.719817

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. The main channel is broken up by a series of beaver dams and large woody debris. Survey ended due to time but this beaver dam complex continues upstream (Table 1; Figures 1–3).

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

Nomination: Pending

Table 1.–114-32-10240 Tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
337	57.964123	-135.715434	MT set in outlet of lake, CO of all age classes captured. Metal CMP vertical in stream may be old gage. Bridge abutments eroding minimally.	20-25	Cobble Boulder	Spawning Substrate	2-4	MT	23 CO
361	57.962727	-135.720090	Frog. At based of beaver pond complex. CO visual ID.	15-20	Sand	Beaver Pond LWD	0-1		2 CO
362	57.961689	-135.720998	Beaver pond complex continues, many CO Visual ID		Small Gravel		0-1	EF	2 CO
363	57.962043	-135.720426	Another frog.						
364	57.963253	-135.717891	Small channel feeding into pond, minimal flow.	6-8	Small Gravel Large Gravel		1-2	EF	2 DV
365	57.963045	-135.717770	Grade increases a bit. Resident fish habitat likely continues.				4-6		1 DV



Figure 1.—Juvenile coho salmon captured at waypoint 362.



Figure 2.—Beaver dam at waypoint 362.



Figure 3.—Channel below beaver dam at waypoint 361.



Figure 4.—Stream No. 114-32-10240 Tributary 1 addition map.