

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-32-10240 Tributary 3

ADDITION

Water body name:

Survey date: 6/26/2024

Quad: Sitka D-6

Species & Lifestage:

Upper Reach Latitude: 57.967180 **Longitude:** -135.726408

Survey crew: CD, FC

Lower Reach Latitude: 57.964703 **Longitude:** -135.723880

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The main channel is slow moving with good spawning habitat near the lake. Gradient increases and a shift from fine substrate to cobble and large gravel substrate as you move upstream. Survey ended at a log jam that may act as a fish barrier, though good fish habitat 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 3 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
351	57.964654	-135.724057	Spawning substrate, small inlet of pond. YOY CO visual ID. Walking upstream before EF.	6-8	Small Gravel Sand		0-1	VI	4 CO
352	57.965541	-135.726098	Tracking stream channel, small wood in stream. Incised 3-4ft.	6-8	Small Gravel Sand	Spawning Substrate SWD	0-1	EF	2 CO 2 CT
353	57.965830	-135.726071	CO visual ID and EF.		Small Gravel		0-1	EF	2 CO 1 CT
354	57.966083	-135.726809						EF	2 CO
355	57.966296	-135.726744	Small gradient increase and shift in substrate to large gravel, cobble.		Cobble		1-2		2 CO 1 CT
356	57.967184	-135.726429	Grade increases but appears to flatten out. Channel incised 30-40ft. Anadromous fish habitat may continue but there is a 4ft tall debris jam that may temporarily block fish. Ending survey here to prioritize other streams in the area.	10-12	Boulder Small Gravel	LWD	4-6		2 CO 3 CT 2 DV



Figure 1.—Juvenile coho salmon captured at waypoint 354.



Figure 2.—Channel at waypoint 354.



Figure 3.—Potential temporary fish barrier at waypoint 356.



Figure 4.—Stream No. 114-32-10240 Tributary 3 addition map.