

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-23-10700-2005 Tributary 4

ADDITION

Water body name:

Survey date: 6/29/2024

Quad: Juneau A-6

Species & Lifestage:

Upper Reach Latitude: 58.146977 **Longitude:** -135.882327

Survey crew: CD, DK

Lower Reach Latitude: 58.141795 **Longitude:** -135.893536

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. This large stream flows at around 3% gradient through the surveyed reach with mostly gravel and cobble substrate. It offers quality rearing habitat as evidenced by the large amounts of juvenile coho that were visually identified throughout this tributary. Survey ended due to time constraints, but fish habitat continues up stream, warranting future investigation. (Table 1; Figures 1–3)

Recommendations: Add this stream into the anadromous waters catalog up to waypoint 482 for rearing coho salmon. (Figure 4).

Nomination: Pending

Table 1.–114-23-10700-2005 Tributary 4 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
480	58.142845	-135.887787	Large bridge over stream. Hundreds of young of the year coho.	40-50	Large Gravel Small Gravel			HN	4 CO
481	58.144228	-135.884634	Slight increase in grade, large rock slide into creek. Tributary downstream on river left has a steep entrance to main channel.		Large Gravel		2-4	VI	10 CO
482	58.147026	-135.882382	End of survey due to time. Habitat continues upstream	40-50	Large Gravel Cobble		2-4	EF	4 CO



Figure 1.—Juvenile coho salmon captured at waypoint 480.



Figure 2.—Channel at waypoint 480.



Figure 3.—Channel at waypoint 481.



Figure 4.—Stream No. 114-23-10700-2005 Tributary 4 addition.