

Alaska Department of Fish and Game

Habitat Section
Southeast Region



Icy Strait Uncataloged Stream 1

ADDITION

Water body name:

Survey date: 5/23/2024

Quad: Juneau A-4

Species & Lifestage:

Upper Reach Latitude: 58.237135 **Longitude:** -135.294212

Survey crew: NJ, FC

Lower Reach Latitude: 58.237797 **Longitude:** -135.297207

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The stream is low grade with an incised main channel consisting of mostly small gravel substrate with lots of large woody debris. Survey stopped due to time but fish habitat continues upstream (Table 1; Figures 1–3).

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

Nomination: Pending

Table 1.– Icy Strait Uncataloged Stream 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
171	58.237899	-135.296556	Fairly low grade, at mouth. Large down trees near mouth spanning creek.		Large Gravel		2-4		
172	58.237774	-135.296361	Low gradient. Bed material and banks are all small gravel in this stretch.		Small Gravel		1-2	EF	No Fish
173	58.237684	-135.295950	Still very wide section, mostly small gravel with woody debris starting to be in channel.		Small Gravel		2-4	EF	2 CO 2 CT 1 DV
174	58.237375	-135.295631	Channel narrowing up a bit. Bed is exclusively gravel. Small woody jam here, CO caught in pool.		Small Gravel		1-2	EF	2 CO 3 DV
175	58.237172	-135.295382	Gradient slightly increased. Still mostly small gravel and sand. Lots of LWD in channel but still easy flow through. Banks are eroded and channel incised.		Small Gravel		2-4	EF	2 CO 1 CT
176	58.237070	-135.295084	Channel incised with some banks eroding. Root structures and woody debris intermittently on edges. Great fish habitat.		Small Gravel Sand		1-2	EF	2 CO
177	58.237263	-135.294467	Slight grade increase. Grade control structure leads to 1 ft falls, but channel flows around the control too. Likely passable at higher flows.		Small Gravel		2-4	EF	2 CO
178	58.237140	-135.294233	Channel narrows up slightly, still lots of LWD and cut banks for cover. Channel incised but less than downstream. Second CO escaped before photo. Fish habitat continues upstream.		Small Gravel Sand		2-4	EF	2 CO 1 CT



Figure 1.–Juvenile coho salmon captured at waypoint 176.



Figure 2.–Channel at waypoint 174.



Figure 3.–Channel at waypoint 178.



Figure 4.—Icy Strait Uncataloged Stream 1 addition map.