

Alaska Department of Fish and Game

Habitat Section
Southeast Region



SUKKWAN ISLAND UNCATALOGED STREAM 4

ADDITION

Water body name:

Survey date: 7/28/2021

Quad: Craig A-3

Species & Lifestage:

Upper Reach Latitude: 55.01437 **Longitude:** -132.77118

Survey crew: EF, KD

Lower Reach Latitude: 55.01571 **Longitude:** -132.77291

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. The stream flows over a debris jam and into the intertidal (Table 1; Figures 1, 2).

Recommendations: Add this stream into the anadromous waters catalog for rearing coho salmon (Figure 3).

Nomination: Pending

Table 1.—Sukkwon Island uncataloged stream survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1934	55.014719	-132.771600	Starting survey on uncataloged stream. Waypoint is at upper end of tidal influence.	4-6	Cobble Large Gravel		2-4	EF	SC
1935	55.014548	-132.771489	Multiple CO shocked in small pool just above tidal influence. One netted.	4-6	Cobble Large Gravel		2-4	EF	3 CO
1936	55.014373	-132.771197						EF	2 CO 2 DV
1937	55.014199	-132.771233		2-4	Cobble Boulder		4-6	EF	1 DV 1 SC
1938	55.014069	-132.771316	3' tall debris jam. DV fry captured upstream of it.					EF	1 DV
1939	55.013624	-132.771355	3 DV in pool, one very shiny and larger than the rest, likely anadromous.	2-4	Large Gravel Small Gravel		2-4	EF	3 DV
1940	55.013367	-132.771436	Steeper grade and debris jam downstream are likely limiting movement of rearing juvenile CO upstream. Ending survey.						



Figure 1.—Juvenile coho salmon captured at waypoint 1935.



Figure 2.—Stream at waypoint 1935.



Figure 3.—Sukkwan Island uncataloged stream addition map.