

Alaska Department of Fish and Game

Habitat Section
Southeast Region



Eight Fathom Bight Uncataloged Stream 2

ADDITION

Water body name:

Survey date: 7/1/2024

Quad: Juneau A-6

Species & Lifestage:

Upper Reach Latitude: 58.005799 **Longitude:** -135.749460

Survey crew: FC, DK

Lower Reach Latitude: 58.006071 **Longitude:** -135.744267

Findings: We surveyed this uncataloged stream using a backpack electrofisher, baited minnow traps and GPS and captured juvenile coho salmon and cutthroat trout. Upstream of waypoint 826, the stream is incised as it flows off the hillside with a series of step pools that may restrict juvenile fish passage. Downstream of waypoint 826, the stream decreases in grade and flows out of the forest through a grassy supratidal area at 2-4% grade before flowing out into the intertidal. (Table 1; Figures 1–3)

Recommendations: Add this uncataloged stream into the anadromous waters catalog for rearing coho salmon from its mouth in the intertidal up to waypoint 825 (Figure 4).

Nomination: Pending

Table 1.–Eight Fathom Bight Uncataloged Stream 2 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
824	58.006202	-135.749182		1-2	Sand		0-1	MT	2 CO 1 SC
825	58.005803	-135.749480	Upstream the creek flows off the hillside. Old PVC tubing from a water intake in the creek.	2-4	Small Gravel Sand		2-4	EF	2 CO 1 CT
826	58.005741	-135.749801	Channel continues up hillside and has several small rock jumps that may restrict juvenile fish. Stream is incised upstream about 30 ft.	2-4			4-6	EF	No Fish



Figure 1.—Juvenile coho salmon caught at waypoint 825.



Figure 2.—Channel at waypoint 824.



Figure 3.—Channel at waypoint 825.



Figure 4.—Eight Fathom Bight Uncataloged Stream 2 Addition map.