

Alaska Department of Fish and Game

Habitat Section
Southeast Region



Eight Fathom Bight Uncataloged Stream 1

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. This small stream seeps from the hillside, feeding into a small shallow pond, then channelizes and flows through a grassy supratidal area at 2-4% grade before flowing out into the intertidal. Decent fish rearing habitat is present through this reach. (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 821 (Figure 4).

Nomination: Pending

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

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
821	58.004577	-135.747300		1-2	Small Gravel		2-4	EF	2 CO 5 SB
822	58.004345	-135.747491	small pond, few ft deep.		Fine Organic		0-1	EF	4 SB
823	58.003973	-135.747523	channel seeps from hillside.	1-2	Fine Organic		2-4	EF	No Fish



Figure 1.–Juvenile coho salmon caught at waypoint 821.



Figure 2.– Channel at waypoint 821.



Figure 3.– Pondered water at waypoint 822.



Figure 4.—Eight Fathom Bight Uncataloged Stream 1 Addition map.