

Alaska Department of Fish and Game

Habitat Section
Southeast Region



Eight Fathom Bight Uncataloged Stream 3

ADDITION

Water body name:

Survey date: 7/1/2024

Quad: Juneau A-6

Species & Lifestage:

Upper Reach Latitude: 58.009544 **Longitude:** -135.747567

Survey crew: FC, DK

Lower Reach Latitude: 58.007696 **Longitude:** -135.743077

Findings: We surveyed this uncataloged stream using a backpack electrofisher, baited minnow traps and GPS and captured juvenile coho salmon, cutthroat trout and slimy sculpin. The stream has good quality spawning and rearing habitat for fish with a mix of large and small gravel, riffles and pools and small woody debris throughout the upper surveyed reach. Survey ended due to time constraints, but fish habitat continues upstream of waypoint 544 warranting future investigation. (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 544 (Figure 4).

Nomination: Pending

Table 1.–Eight Fathom Bight Uncataloged Stream 3 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
542	58.009060	-135.747598	On small RL trib.	4-6	Large Gravel Small Gravel		1-2	EF	2 CO
543	58.009476	-135.747356	Channel continues through woods. Gradient increasing slightly.				2-4		1 SC 1 CT
544	58.009547	-135.747586	Fish habitat continues, turning around due to time. CO fel from net but two were IDed.		Small Gravel Small Gravel		1-2	EF	2 CO 1 CT
827	58.008750	-135.747972	Tributary on stream left in upper estuary.	4-6	Large Gravel Cobble	Large Pool	2-4	MT	2 CO 1 SC
828	58.008877	-135.748789	Large log jam may block juvenile fish at low flow. Stream becomes incised upstream.	6-8	Cobble Large Gravel		6-8	EF	2 CO 2 SC
829	58.008940	-135.749087	Channel becomes 30 ft incised	6-8	Bedrock Small Gravel	Incised Channel	6-8	EF	1 DV
830	58.008924	-135.749581	Fished pools above log jam. No coho, end of survey due to time.	6-8	Bedrock	Incised Channel	4-6	EF	1 CT 2 SC



Figure 1.—Juvenile coho salmon caught at waypoint 544.



Figure 2.—Channel at waypoint 542.



Figure 3.—Channel at waypoint 544.



Figure 4.—Eight Fathom Bight Uncataloged Stream 3 Addition map.