

# Alaska Department of Fish and Game

Habitat Section  
Southeast Region



## 114-34-10100 Tributary 8

## ADDITION

**Water body name:**

**Survey date:** 7/6/2022; 9/16/2022

**Quad:** Juneau A-5

**Species & Lifestage:**

**Upper Reach Latitude:** 58.113269 **Longitude:** -135.597876

**Survey crew:** FC, RR, DK

**Lower Reach Latitude:** 58.111196 **Longitude:** -135.601438

**Findings:** We surveyed this uncataloged stream using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon, Dolly Varden, cutthroat trout, rainbow trout, and sculpin. The tributary stream descends a reach of about 12% gradient into a gravel and cobble channel, passing under an old bridge (Table 1; Figures 1–4).

**Recommendations:** Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 5).

**Nomination:** Pending

Table 1.–114-34-10100 tributary 8 survey data.

Waypoint	Latitude	Longitude	Notes	Stream	Stream	Habitat	Gradient	Sample	Sample
				Width ft	Substrate				
938	58.112703	-135.598932	Minnow trap soaked overnight downstream of bridge and 2' tall log jam in 2' deep jump pool. River-right abutment fallen from stream eroding fill underneath. 2-yr CO capture.	15-20	Large Gravel Small Gravel		4-6	MT	5 CO 15 CT 8 DV 1 RT 4 SC
1870	58.112968	-135.598715	Returning to survey via electrofishing upstream of bridge. Continued 1-yr CO capture.	10-12	Large Gravel Cobble		4-6	EF	2 CO 2 DV
1871	58.113152	-135.598021	Gradient increasing slightly compared to downstream. Several 1-2' tall log jams. Continued 1-yr CO capture upstream of log jams.	10-12	Large Gravel Cobble	Log Jams	4-6	EF	2 CO 1 DV
1872	58.113504	-135.597810	Increasing gradient compared to downstream. Increasing incidence of small but successive and quick-moving falls. Resident fish capture.	10-12	Cobble Large Gravel		6-8	EF	3 CT 3 DV
1873	58.113545	-135.597689	Gradient increases substantially (12%+) upstream. Becoming much less navigable due to steep incised channels and large amount of tree-fall. Actual barrier not located but likely near extent of anadromy.	10-12	Cobble Large Gravel		6-8	Not Fished	



Figure 1.—Juvenile coho salmon captured at waypoint 1870.



Figure 2.—Channel at waypoint 1871.



Figure 3.—River-right bridge abutment with collapsed log at waypoint 938.



Figure 4.—Channel at waypoint 1873.

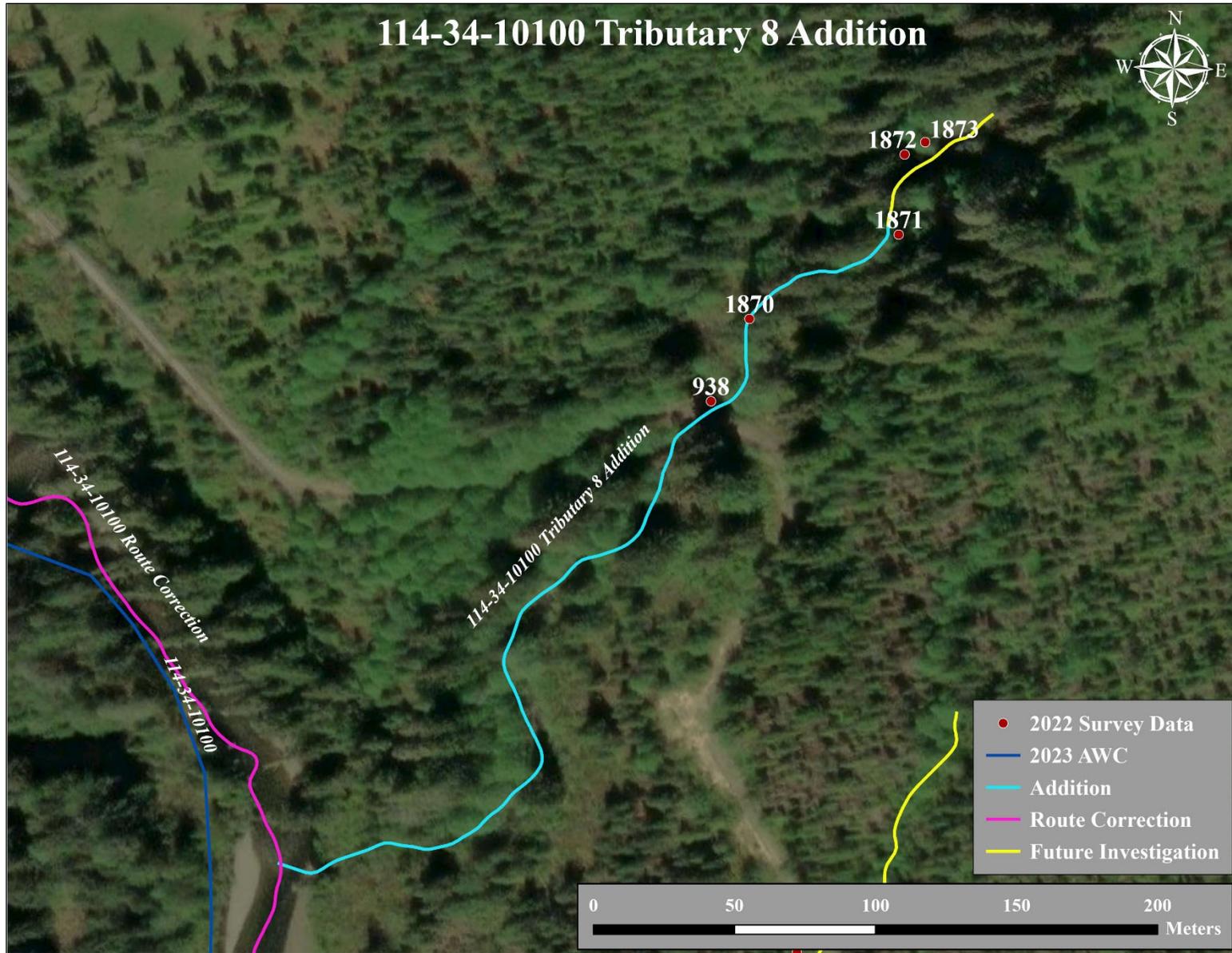


Figure 5.-114-34-10100 tributary 8 addition map.