

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-27-10300 Tributary 9

ADDITION

Water body name:

Survey date: 6/14/2022

Quad: Juneau A-4

Species & Lifestage:

Upper Reach Latitude: 58.032635 **Longitude:** -135.266080

Survey crew: FC, RR

Lower Reach Latitude: 58.033038 **Longitude:** -135.269859

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The tributary stream is ponded upstream of a couple large beaver dams; downstream of the dams it flows through a 200 ft reach of gravel-dominated channel prior to connecting to the main channel (Table 1; Figures 1–3).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 4).

Nomination: Pending

Table 1.–114-27-10300 tributary 9 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
734	58.032265	-135.269529	Large beaver dam; ponded water.					Not Fished	
739	58.033126	-135.270064	Confluence of main with river-right tributary (largely disconnected at current low flow); confluence of river-left tributary ~50' upstream of waypoint where substrate looks better for spawning. 1-yr CO capture.	6-8	Large Gravel Sand		2-4	EF	2 CO
740	58.032733	-135.269640	Advancing upstream on river-left tributary. Continued 1-yr CO capture.	6-8	Large Gravel Small Gravel		2-4	EF	2 CO
741	58.032495	-135.269539	Large beaver dam; small braid around dam also disconnected. Likely current practical barrier (not true FRPA barrier) to anadromy. 1-yr CO capture just downstream of dam. Should return with minnow traps to survey ponded water upstream of beaver dam(s).					EF	2 CO 1 DV 1 CT
742	58.030988	-135.269035	Large beaver dam; ponded water. Should return with minnow traps to survey tributary upstream and downstream of waypoint.					Not Fished	



Figure 1.—Juvenile coho salmon captured at waypoint 739.



Figure 2.—Beaver dam at waypoint 741.



Figure 3.—Ponding upstream of beaver dam at waypoint 734.

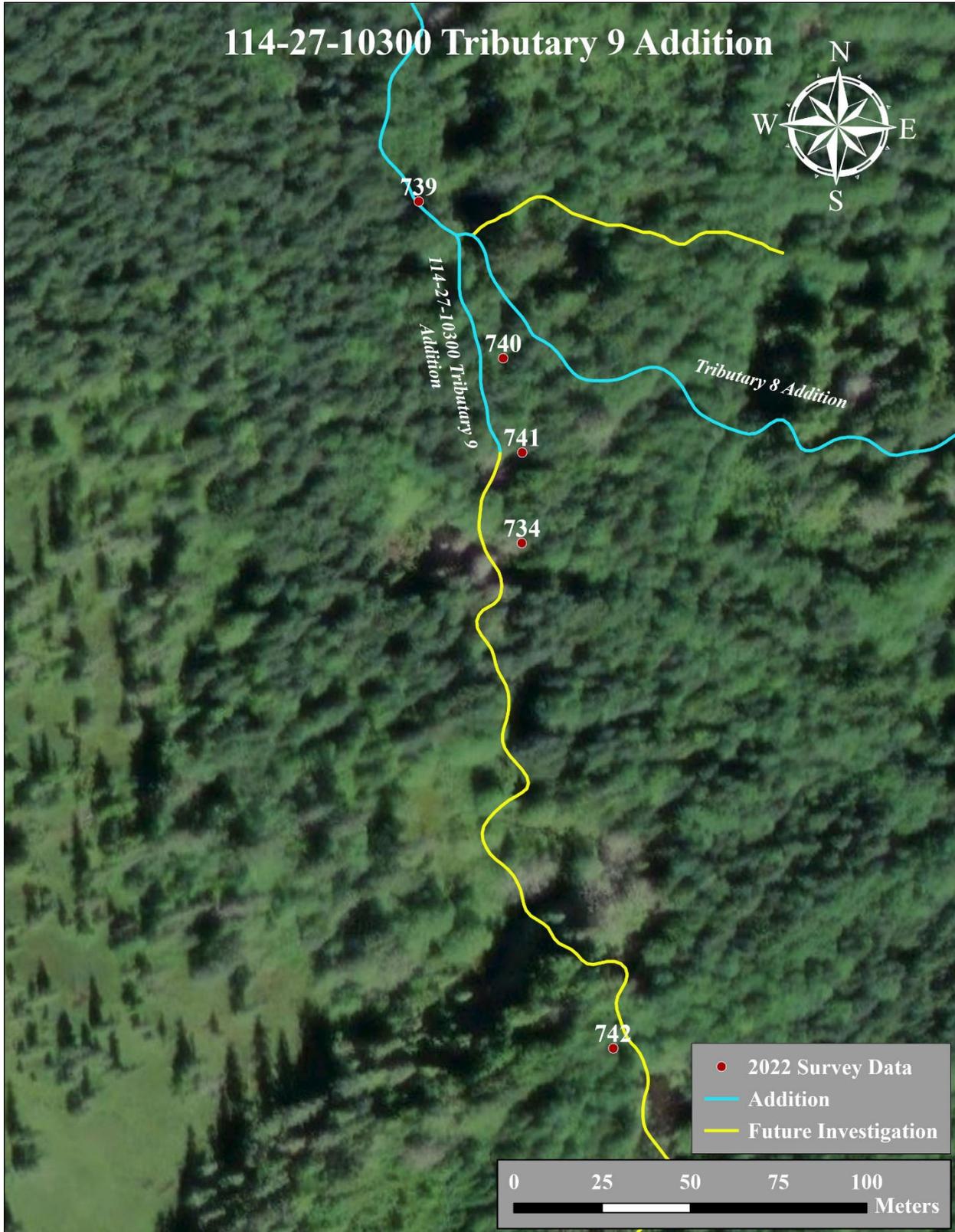


Figure 4.–114-27-10300 tributary 9 addition map.