

Alaska Department of Fish and Game

Habitat Section
Southeast Region



109-42-10100-2023 Tributary 1

ADDITION

Waterbody name:

Quad: Petersburg D-6

Upper Reach Latitude: 56.940235 **Longitude:** -133.609631

Lower Reach Latitude: 56.937709 **Longitude:** -133.607439

Survey date: 6/7/2023

Species & Lifestage:

Survey crew: FC, CD, EK

Findings: We surveyed this uncataloged stream using minnow traps baited with disinfected salmon eggs and GPS and captured juvenile coho salmon, stickleback, and Dolly Varden (Figures 1). The stream channel runs through a muskeg with evidence of beaver activity (Table 1; Figures 2, 3).

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

Nomination: Pending

Table 1.—109-42-10100-2023 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
674	56.939326	-133.609375	Minnow trap set upstream of culvert. 2 hr soak. One coho in trap, observed another one in the stream. Probably worth coming back to efish.	8-10	Fine Organic		0-1	MT	5 DV 10 SB 1 CO
764	56.940166	-133.609757	MT set at 913. Just downstream of 1ft beaver dam. Water is ponded and pooled throughout but channelized.	8-10	Fine Organic		0-1	MT	2 CO 5 SB 10 DV
765	56.940715	-133.610270	Setting MT below 4ft beaver dam, water running over dam but fish passage may be blocked here. Could subvert above depending on time and result of Minnow trapping.	8-10	Fine Organic	Beaver Pond Large Pool	0-1		5 DV 12 SB



Figure 1.–Juvenile coho salmon, Dolly Varden and stickleback captured at waypoint 674.



Figure 2.–Culvert and channel at waypoint 674.



Figure 3.–Channel at waypoint 764.

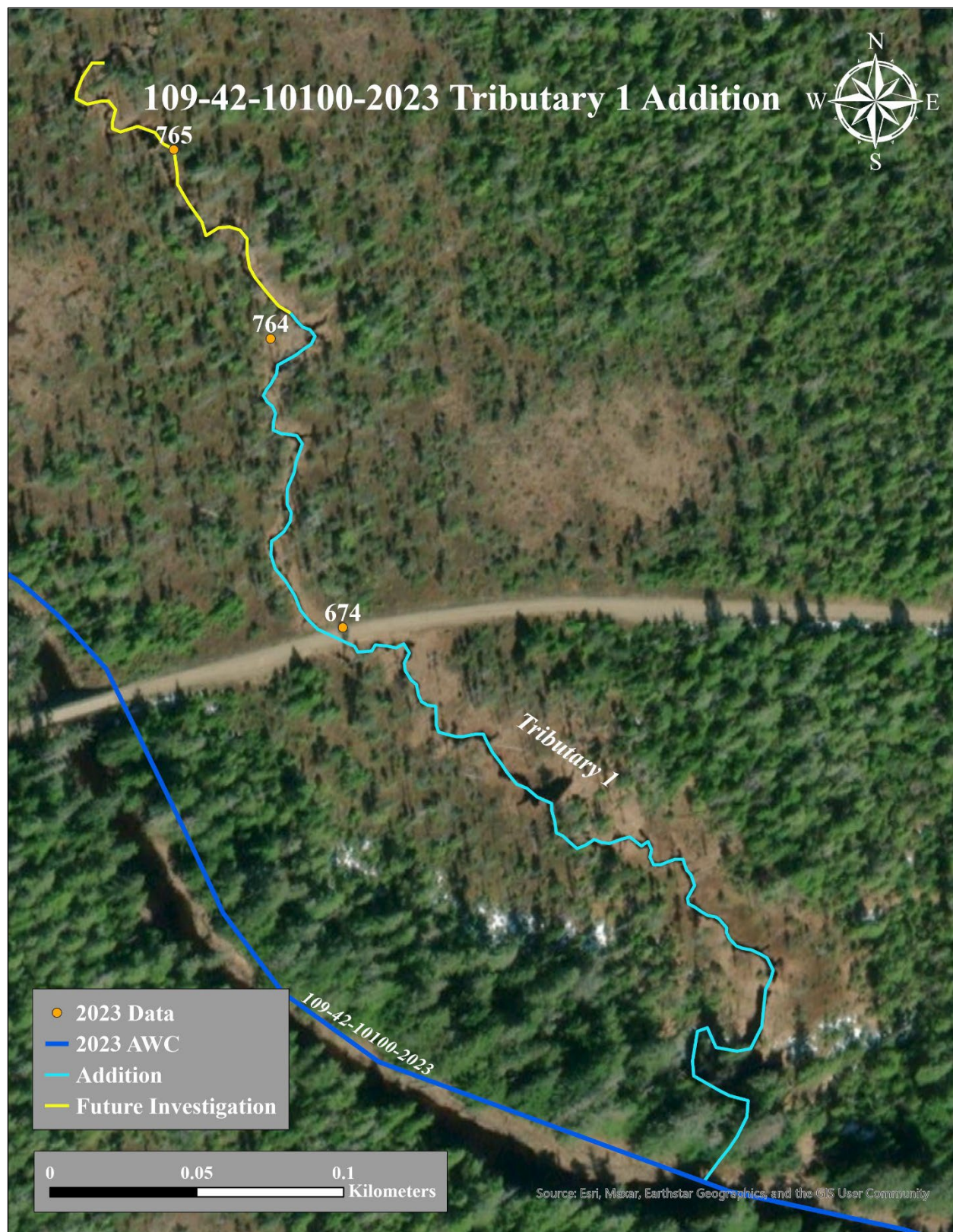


Figure 4.–109-42-10100-2023 tributary 1 addition map.