

Alaska Department of Fish and Game

Habitat Section
Southeast Region



109-42-10090 Tributary 2

ADDITION

Water body name:

Quad: Petersburg D-6

Upper Reach Latitude: 56.898741 **Longitude:** -133.722000

Lower Reach Latitude: 56.898893 **Longitude:** -133.727376

Survey date: 6/9/2023

Species & Lifestage:

Survey crew: FC, GA

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon (Figure 1). Stream channel is forested with the grade increasing at the end of the survey (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.—109-42-10090 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
174	56.899039	-133.726265		6-8	Cobble Large Gravel		10-12	EF	6 CO
175	56.898940	-133.725943						EF	4 CO
176	56.898758	-133.725190	Continued young-of-year CO capture just upstream of slight grade increase and accumulation of woody debris.					EF	8 CO
177	56.898631	-133.724527	Additionally grade increase and woody debris jams making tributary less conducive to spawning habitat.				12-15		
178	56.898706	-133.723694	Gradient mellows and smaller gravel substrate compared to downstream. Several CO in pool.	4-6	Small Gravel Large Gravel		6-8	EF	5 CO
179	56.898773	-133.722776					10-12	EF	10 CO
180	56.898743	-133.722045			Small Gravel Sand			EF	4 CO 2 CT
181	56.898956	-133.721627	Continuous electrofishing since previous waypoint, but no more fish capture.				12-15	EF	No Fish



Figure 1.—Juvenile coho salmon captured at waypoint 178.



Figure 2.—Channel at waypoint 174.



Figure 3.—Channel at waypoint 176.

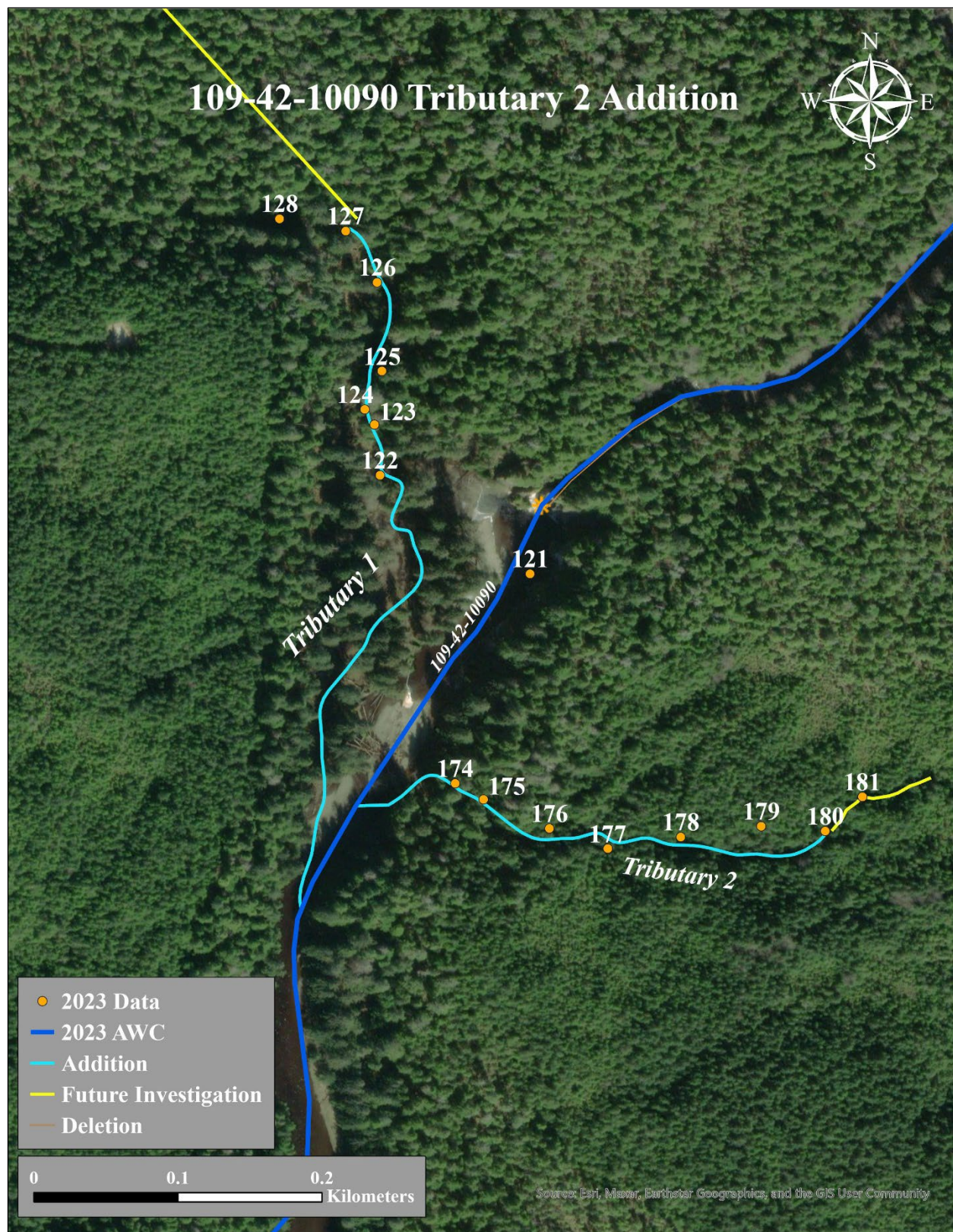


Figure 4.—109-42-10090 tributary 2 addition map.