

Alaska Department of Fish and Game

Habitat Section
Southeast Region



105-32-10190 Tributary 5

ADDITION

Waterbody name:

Survey date: 6/7/2023

Quad: Petersburg D-6

Species & Lifestage:

Upper Reach Latitude: 56.849567 **Longitude:** -133.659825

Survey crew: FC, CD

Lower Reach Latitude: 56.854539 **Longitude:** -133.660219

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

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

Nomination: Pending

Table 1.–105-32-10190 tributary 5 survey data.

Waypoint	Latitude	Longitude	Notes	Stream	Stream	Habitat Features	Gradient %	Sample Effort	Sample Results
				Width ft	Substrate				
155	56.852244	-133.659567	Minnow trap soaked overnight in ponded palustrine channel. 2+ yr CO capture and one rough skinned newt.	10-12	Fine Organic	Beaver Pond LWD	0-1	MT	16 CO Other
156	56.849584	-133.659882	Minnow trap soaked overnight in 2-3' deep channel just downstream of stretch where stream thins and becomes more disrupted by small woody debris and intermittent subsurface flow.	4-6	Fine Organic		0-1	MT	5 CO 5 DV



Figure 1.—Juvenile coho salmon captured at waypoint 155.



Figure 2.—Rough skinned newt captured at waypoint 155.



Figure 3.— Tributary 5 at waypoint 155.

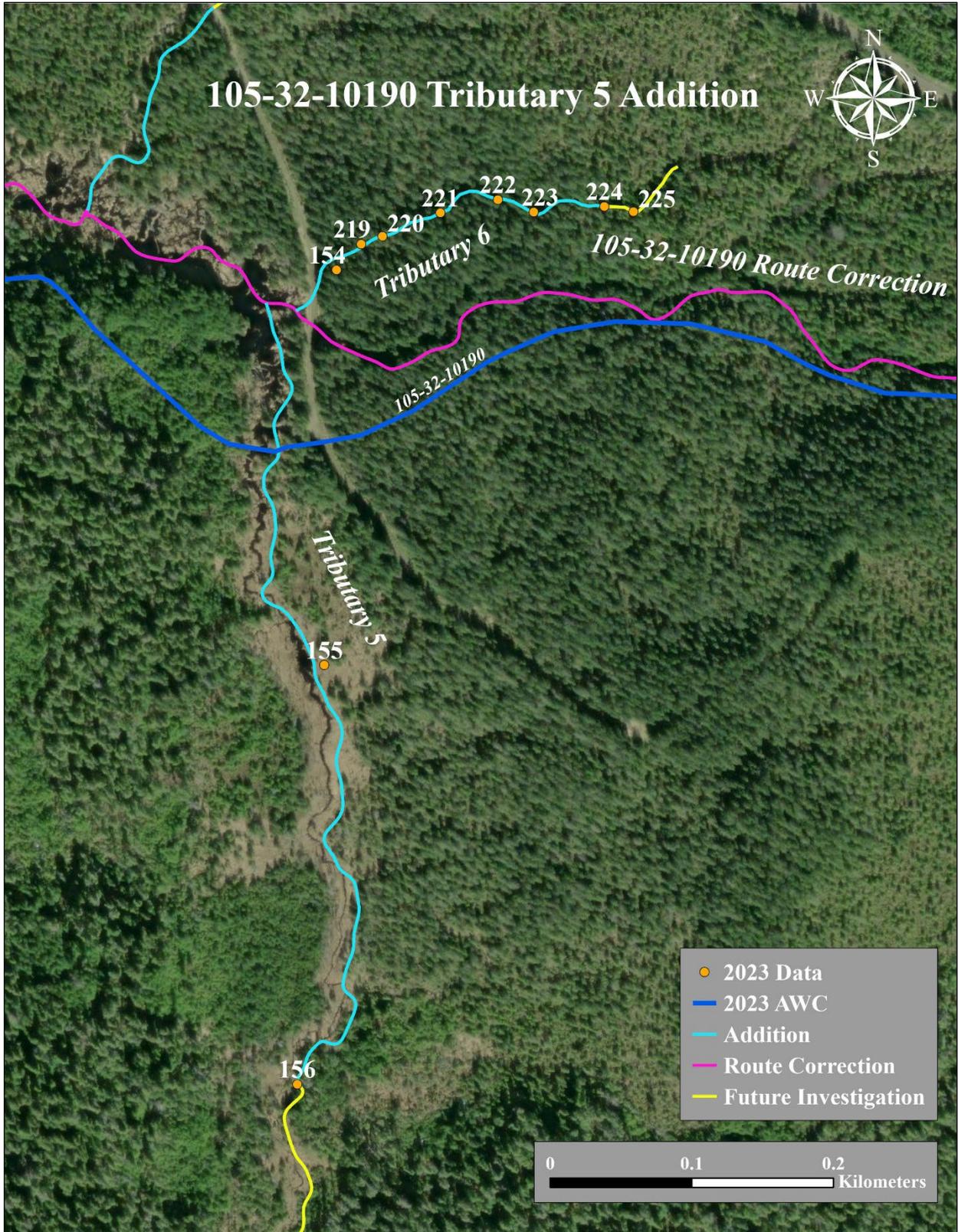


Figure 4.—105-32-10190 tributary 5 addition map.