

Alaska Department of Fish and Game

Habitat Section
Southeast Region



106-22-10080 Tributary 3

ADDITION

Water body name: Brosman Creek

Survey date: 8/26/2025

Quad: Petersburg A-2

Species & Lifestage:

Upper Reach Latitude: 56.184784 **Longitude:** -132.587409

Survey crew: NJ, CD

Lower Reach Latitude: 56.167679 **Longitude:** -132.575997

Findings: We surveyed this uncataloged stream from the road using baited minnow traps and GPS and captured juvenile coho salmon and Dolly Varden. The stream crosses the road via a 5 ft corrugated metal culvert that is backwatered due to riprap that has fallen into the outlet of the pipe. Downstream of the road, the stream flows through a grassy wetland providing significant rearing habitat with side channels and woody debris. Upstream of the road, the stream channel narrows until its upper extent where it seeps from the muskeg (Table 1; Figures 1–3).

Recommendations: Add this uncataloged stream to the anadromous waters catalog up to waypoint 1017 for rearing coho salmon (Figure 4).

Nomination: Pending

Table 1.–106-22-10080 Tributary 3 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
972	56.179923	-132.581617	5 ft CMP backwatered by a rip rap pile at the outlet. Severely corroded. Coho observed upstream and trap set upstream.	8-10	Fine Organic	Beaver Pond	0-1	MT	25 CO 2 DV
1017	56.184774	-132.587417	Setting minnow trap at upper extent of yellow line. Stream is thin and stagnant here but deep enough to set a trap. Starts to peter out upstream of this point flowing from a muskeg fen.	1-2	Fine Organic		0-1	MT	9 CO



Figure 1.—Juvenile coho salmon caught at waypoint 1017.



Figure 2.—Channel upstream of road crossing at waypoint 972.



Figure 3.—Riprap at outlet of culvert causing backwatering at waypoint 972.

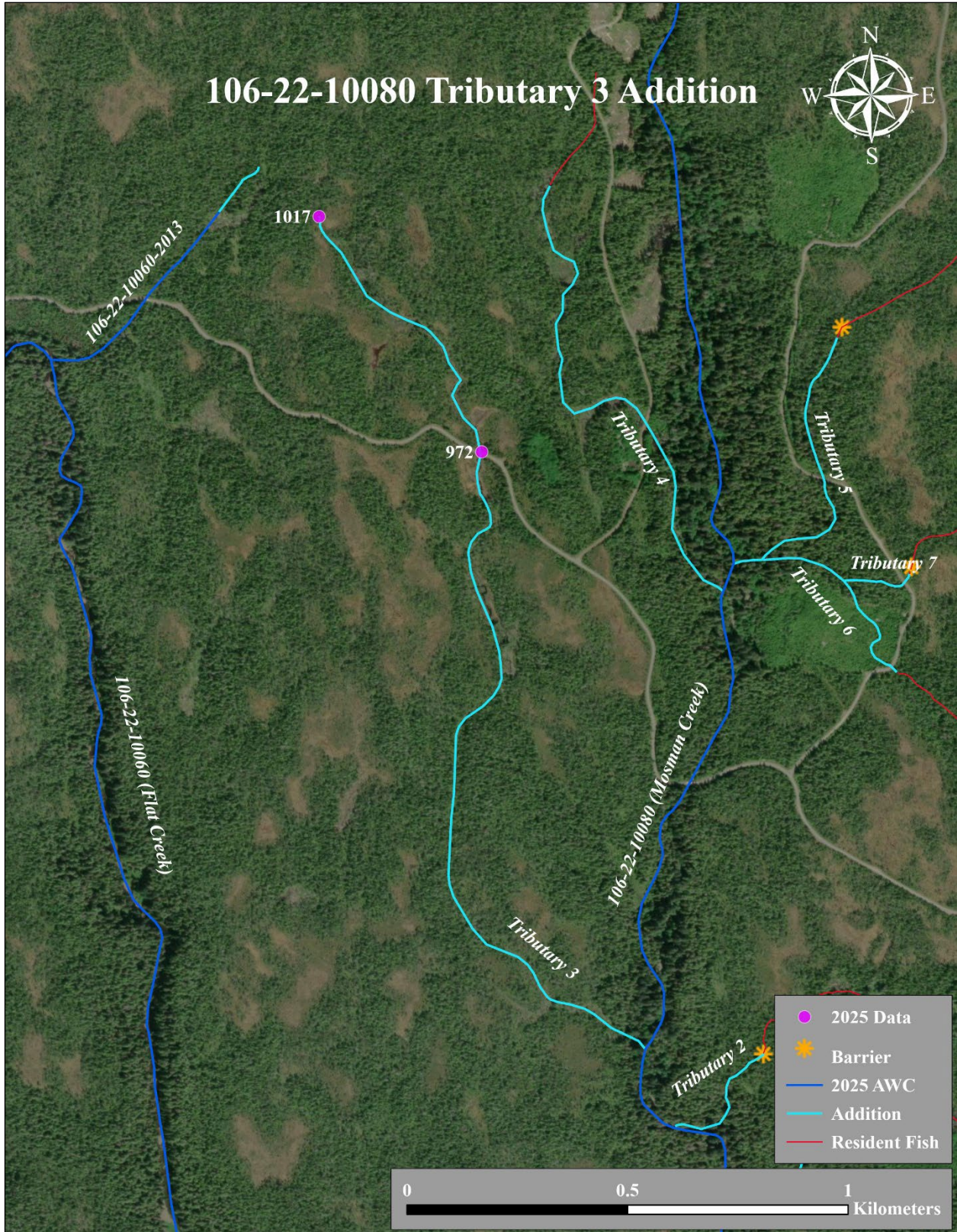


Figure 4.—106-22-10080 Tributary 3 Addition map.