Alaska Department of Fish and Game

Habitat Section
Southeast Region

113-59-10040-2416 Tributary 3 **ADDITION**

Water body name: **Survey date:** 8/7/2023
Quad: Sitka C-4   **Species & Lifestage:**
Upper Reach Latitude: 57.528278 **Longitude:** -135.058277   **Survey crew:** DK, FC, CD, NJ
Lower Reach Latitude: 57.528158 **Longitude:** -135.057934

Findings: We surveyed this uncataloged stream using a backpack electrofisher and baited minnow traps and GPS and captured juvenile coho salmon, cutthroat trout, and Dolly Varden. No cohos were caught above a small log jam at waypoint 510. This stream has a lot of cobble and gravel with small log steps and pools; a bridge exists at waypoint 478 (Table 1; Figures 1–5).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon up to waypoint 510 (Figure 6).

Nomination: Pending

Table 1.–113-59-10040-2416 tributary 3 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
478	57.528185	-135.058805	Set MT. Debris build up on RL side of bridge.	12-15	Cobble Small Gravel		2-4	MT	6 CT 9 DV
508	57.528288	-135.059394		15-20	Large Gravel Cobble	Large Pool	2-4	EF	4 CT
509	57.528273	-135.058964		15-20	Large Gravel Cobble	Large Pool	2-4	EF	4 CT
510	57.528287	-135.058292	1 ft log jam with 1.5 ft jump pool, no coho caught above. Shocked whole way down from bridge.	12-15	Large Gravel Cobble		2-4	EF	2 CO 9 DV 5 CT
511	57.528163	-135.057955	Confluence with main, numerous coho observed in main channel.	30-40	Large Gravel Small Gravel	Spawning Substrate	1-2	VI	20 CO

Figure 1. Bridge at waypoint 478.

Figure 2. Channel downstream of bridge at waypoint 478.

Figure 3. Juvenile coho salmon caught at waypoint 510.

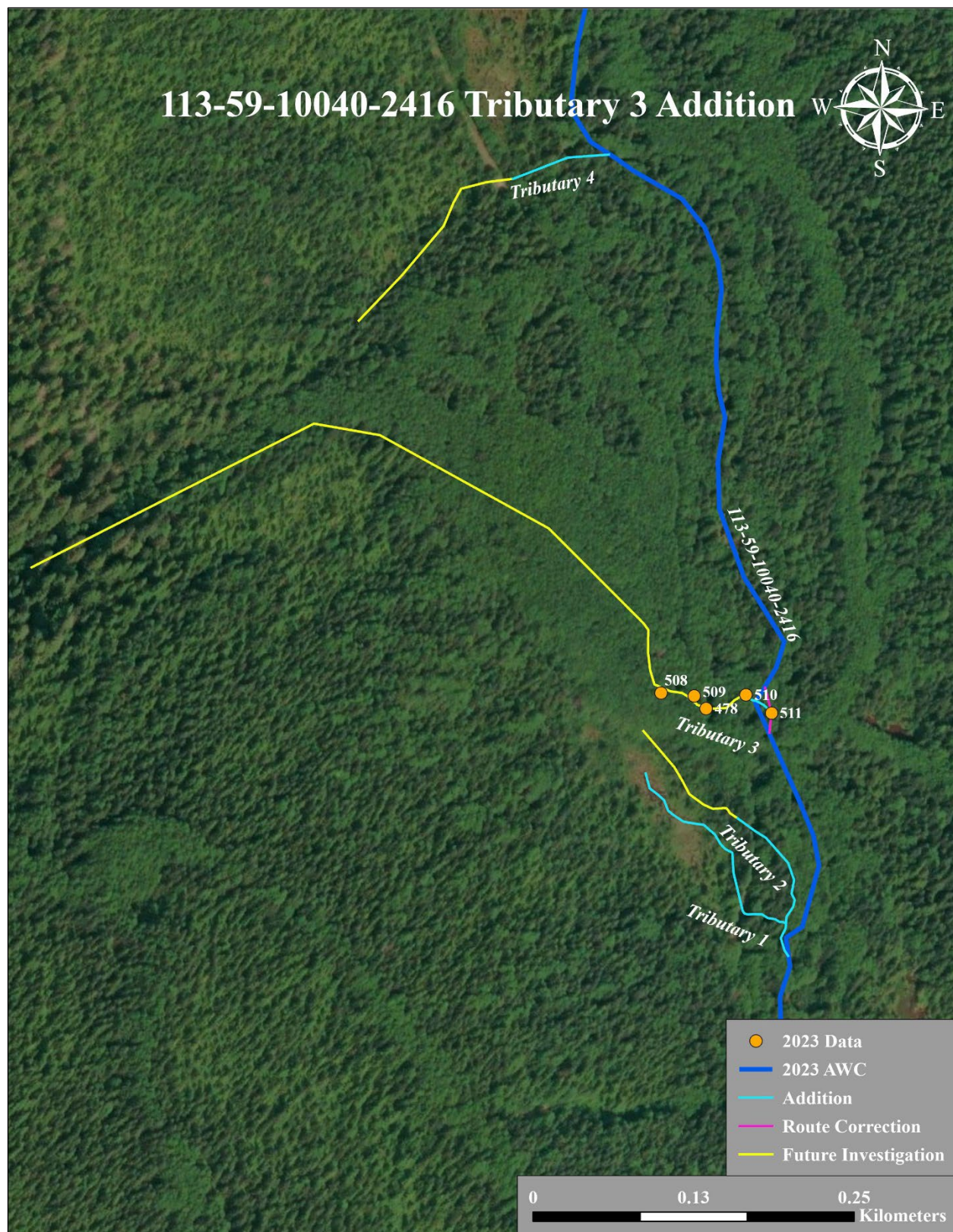Figure 4. Upstream channel at waypoint 510.

Figure 5. Upstream channel at waypoint 508.

Figure 6. 113-59-10040-2416 tributary 3 addition map.