

Alaska Department of Fish and Game

Habitat Section
Southeast Region



113-59-10070 Tributary 2

ADDITION

Water body name:

Survey date: 8/6/2023

Quad: Sitka C-4

Species & Lifestage:

Upper Reach Latitude: 57.561857 **Longitude:** -135.021148

Survey crew: FC, CD

Lower Reach Latitude: 57.562656 **Longitude:** -135.020659

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. From the confluence with 113-59-10070, this stream has a defined channel with a mixture of fine organic and gravel substrate. Large woody debris occurs regularly throughout the channel, becoming more evident upstream. A beaver dam exists just upstream of waypoint 492 with large amounts of ponded water above it. An old, corrugated metal pipe also exists just upstream of waypoint 492 at an apparent old road crossing; the pipe is nearly completely exposed and severely damaged (Table 1; Figures 1–4). Fish habitat may continue in ponded area upstream of the beaver dam; recommend future investigation.

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon up to waypoint 492 (Figure 5).

Nomination: Pending

Table 1.—113-59-10070 tributary 2 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
490	57.562458	-135.021360	2-yr+ CO capture on river-right tributary of cataloged stream ~150' upstream of confluence.	10-12	Fine Organic Small Gravel	Spawning Substrate SWD	0-1	EF	2 CO
491	57.562085	-135.021492	Continued 2-yr CO capture.			SWD LWD		EF	2 CO
492	57.561865	-135.021261	Continued 1-yr CO capture just downstream of beaver dam with significant ponding above and old road crossing with entirely rusted/damaged culvert. Accumulation of gravel/cobble in ~50' stretch downstream of dam/road. Ponding continues well upstream; return with minnow traps.	15-20	Small Gravel Large Gravel	SWD LWD	1-2	EF	2 CO



Figure 1. Beaver dam at waypoint 492.



Figure 2. Downstream at waypoint 490.



Figure 3. Damaged pipe at waypoint 492.



Figure 4. Juvenile coho salmon caught at waypoint 491.

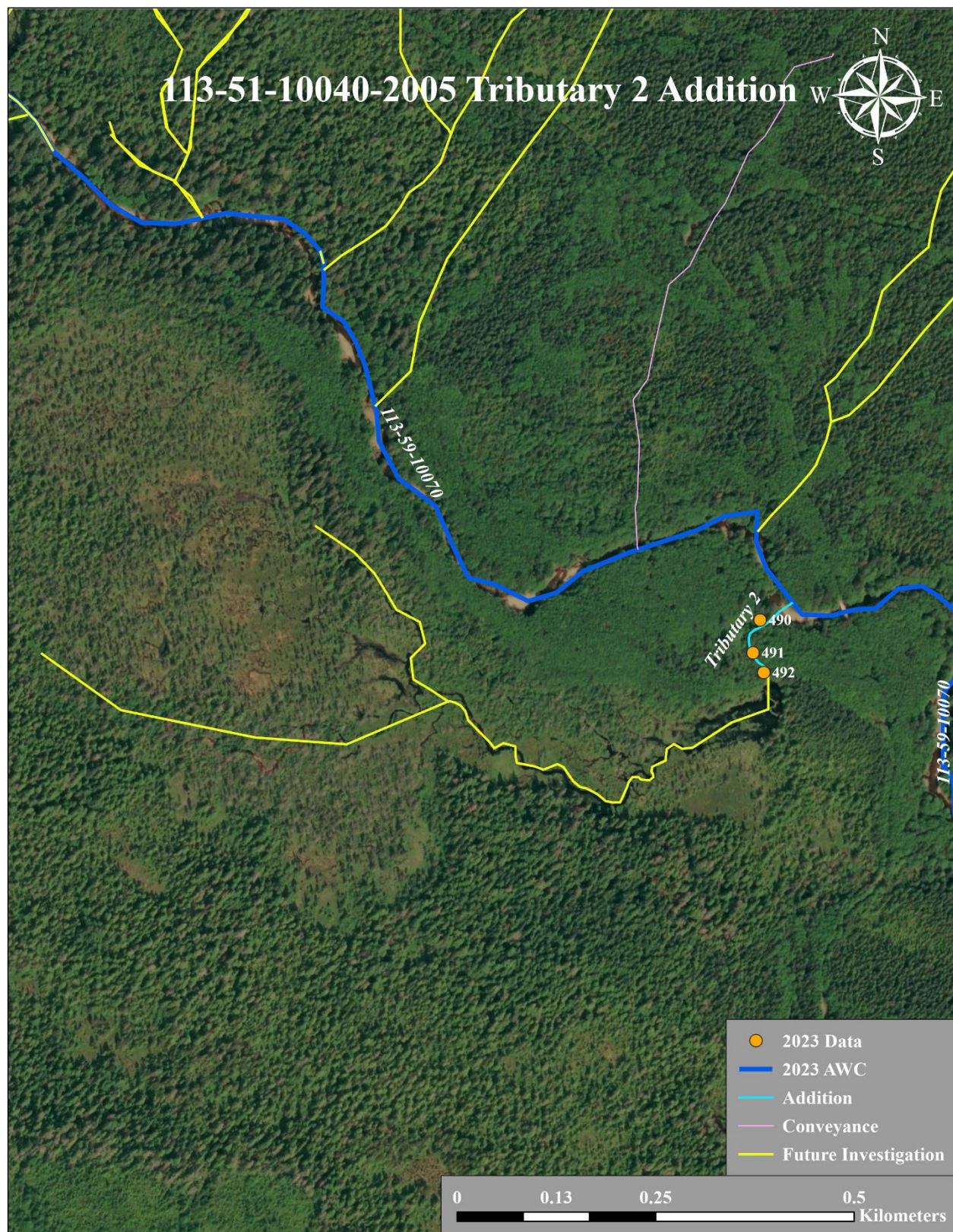


Figure 5. 113-59-10070 tributary 2 addition map.