

Alaska Department of Fish and Game

Habitat Section
Southeast Region



186-15-10400 Tributary 3

ADDITION

Water body name:

Survey date: 8/21/2024

Quad: Icy Bay D2, D3

Species & Lifestage:

Upper Reach Latitude: 59.989269 **Longitude:** -141.588463

Survey crew: NJ, CD, FC

Lower Reach Latitude: 59.988537 **Longitude:** -141.591823

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon and Dolly Varden, some of which were visually identified. This stream is a distributary of Watson Creek. Channels become braided and highly mobile in the forest just downstream of Watson Creek, then channelizes further downstream until it enters 186-15-10400 tributary 2 (Table 1; Figures 1–3).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon up to waypoint 1098 (Figure 4).

Nomination: Pending

Table 1.–186-15-10400 tributary 3 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1093	59.988530	-141.591882	Tributary enters main channel. Coho caught just upstream of confluence. Stream approximately 8 to 12 feet wide. Also small gravel and down trees over the channel.				4-6	EF	2 CO
1094	59.988635	-141.591321	Coho visually seen but unable to catch a net. Potential fish barrier, 4 foot waterfall with punch pool at bottom. Several trees in an over the stream and what appears to be in opened log		Small Gravel		4-6	VI	2 CO
1095	59.988710	-141.590988	Stream of waterfall, channel becomes narrower approximately 2 to 3 feet wide. Dominant substrate between silt and small gravel.		Silt		2-4	EF	1 DV
1096	59.988834	-141.590713	Further upstream, water, splits, and braids throughout forest with gravel and silt spread throughout. Water likely coming from mountainside just north of here and fans out.		Silt		2-4	EF	No Fish
1097	59.988993	-141.590015	Coho caught above waterfalls that were further downstream. Channels and forest split in many different locations. Seems like good fish habitat, continuing to follow upstream. All this water is potentially a distrib of Watson Creek, which is further upstream.		Small Gravel Silt		2-4	EF	2 CO
1098	59.989273	-141.588485	At confluence with Watson Creek. Watson Creek during River left and the distributary river right. Coho caught at the split.		Cobble		6-8	EF	2 CO



Figure 1.–Coho salmon caught at waypoint 1098.



Figure 2.–Mobile braid system, looking downstream at waypoint 1098.



Figure 3.–Looking downstream at waypoint 1095.

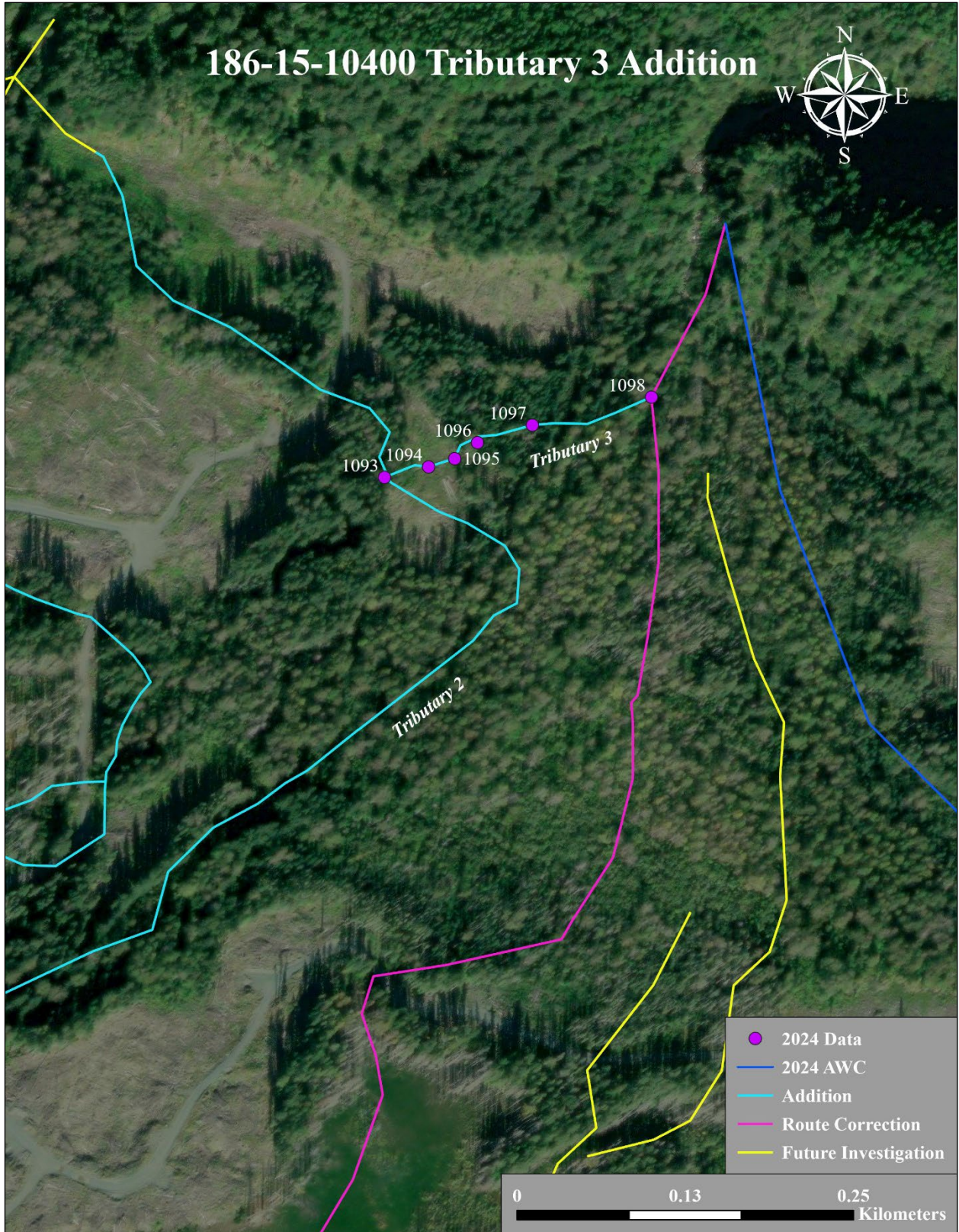


Figure 4.—186-15-10400 tributary 3 addition map.