

Alaska Department of Fish and Game

Habitat Section
Southeast Region



186-15-10400 Tributary 2

ADDITION

Water body name:

Survey date: 8/21/2024

Quad: Icy Bay D2, D3

Species & Lifestage:

Upper Reach Latitude: 59.990451 **Longitude:** -141.596193

Survey crew: NJ, CD, FC

Lower Reach Latitude: 59.975496 **Longitude:** -141.611074

Findings: We surveyed this uncataloged stream using a backpack electrofisher, baited minnow traps, and GPS and captured juvenile coho salmon and Dolly Varden. This stream begins from a fork on the mountainside at waypoint 771 and continues through a forest buffer, crossing the road twice at waypoints 667 and 665. The stream is highly mobile through the forest as shown by many braids and recent sediment deposition (Table 1; Figures 1–3).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon up to waypoint 1107 (Figure 4).

Nomination: Pending

Table 1.–186-15-10400 tributary 2 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
665	59.984388	-141.596871	Large channel with a lot of flowing water. Likely Watson creek, it seems to just switch between multiple channel options depending on rain events. Log stringer in good condition. Stream is much bigger than 15 ft, at least at bridge, approx				2-4	MT	10 CO 4 DV
667	59.989004	-141.592691	Channel with lots of flowing water. Not exactly sure where this channel dumps into, but likely the bigger main channel east of here, potentially Watson creek. The bridge pull back looks to be done well, banks have some vegetation growing on it and fill material pulled back too.		Cobble Sand			MT	8 CO 11 DV
771	59.990889	-141.597412	Main channel forks into two channels river left seems to be the main and river right is distrib. Gradient noticeably increases. Channel becomes more incised of stream. Barrier likely not far upstream of here.		Large Gravel Cobble		6-8	EF	2 DV
1092	59.988580	-141.591986	Confluence of a trib. Following main channel down to map out but will also investigate this trib. Main channel seems to be off from mapped line and needs correction.						
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
1106	59.990677	-141.596589	On main channel following down. Already seems off from mapped line, channel is up against base of mountain heading into clear cut area. Fast moving water.	10-12	Boulder		8-10	EF	3 DV
1107	59.990490	-141.596083	Gradient lowers approximately 4 to 6%. Water and channel slowing down and fans out through multiple braids of open alder area.		Large Gravel Cobble		4-6	EF	2 CO 1 DV



Figure 1.—Juvenile coho salmon caught at waypoint 1107.



Figure 2.—Looking upstream at waypoint 1107.



Figure 3.—Looking upstream at waypoint 1093.

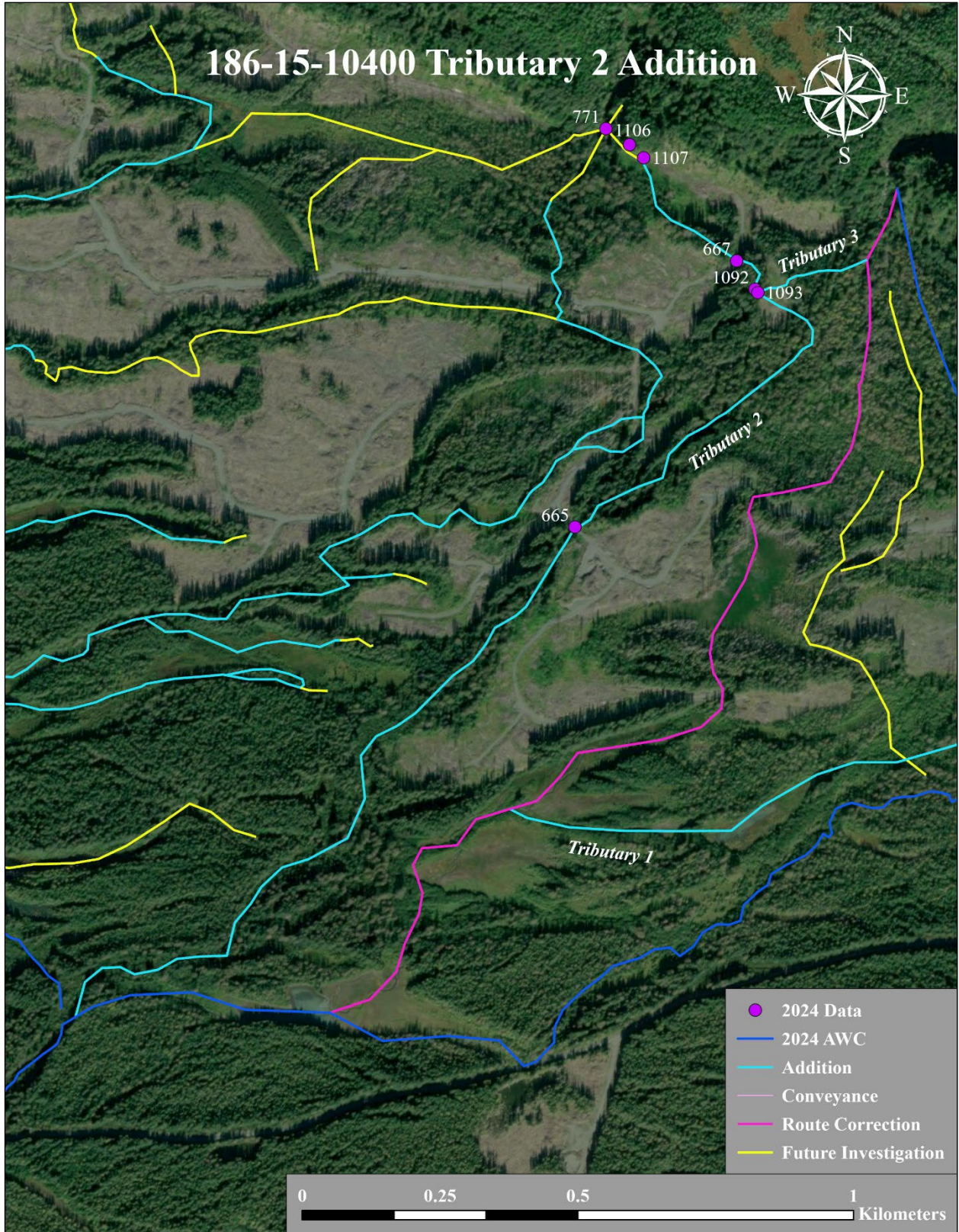


Figure 4.—186-15-10400 tributary 2 addition map.