

Alaska Department of Fish and Game

Habitat Section
Southeast Region



186-15-10550-2005-3022-4018

ADDITION

Water body name:

Survey date: 8/20/2024

Quad: Icy Bay D2, D3

Species & Lifestage: CO

Upper Reach Latitude: 59.985520 **Longitude:** -141.542434

Survey crew: NJ, CD, FC

Lower Reach Latitude: 59.981370 **Longitude:** -141.543618

Findings: We surveyed this cataloged stream using a backpack electrofisher, baited minnow traps, and GPS and captured juvenile coho salmon. This stream provides quality fish habitat with a mixture of small and large gravels, riffles, and side pools. The main channel went dry at waypoint 1052, but fish habitat likely continues during high water events (Table 1; Figures 1–3).

Recommendations: Extend upper extent of Stream No. 186-15-10550-2005-3022-4018 in the anadromous waters catalog up to waypoint 1053 and add rearing coho salmon to species (Figure 4).

Nomination: Pending

Table 1.–186-15-10550-2005-3022-4018 survey data.

| Waypoint | Latitude | Longitude | Notes | Stream Width ft | Stream Substrate | Habitat Features | Gradient % | Sample Effort | Sample Results |
|----------|-----------|-------------|---|-----------------|------------------|------------------|------------|---------------|----------------|
| 607 | 59.983642 | -141.542688 | Nice looking stream; small gravels and moderate flow. Setting trap but will likely survey upstream. Approx 6 ft CMP goes under road with sediment build up on river right. River left has main flow and is eroding around the culvert. Road above is built on logs but is eroding away actively and undercutting. | | Small Gravel | | 2-4 | MT | 20 CO |
| 1049 | 59.984030 | -141.542289 | Stream has step pool approximately 8 inches at this point. Good fish habitat continuing upstream. Stream with approximately 18 feet. | | Large Gravel | | 2-4 | | |
| 1050 | 59.984390 | -141.541990 | Main channel splits. Fish habitat seems to continue upstream on both channels. Will investigate tributary on river right on another day, going up river left tributary to investigate. | | Small Gravel | | 2-4 | | |
| 1052 | 59.985722 | -141.54244 | Furthest extent of water. Upstream from here channel is dry. No barrier scene up to this point, good fish habitat likely continues upstream during higher water. Fishing downstream of here to assess fish presence. Gradient also increases slightly where channel becomes dry to approximately 4 to 6%. | 6-8 | Cobble | | 4-6 | EF | |
| 1053 | 59.985483 | -141.542402 | Upper extent of where CO caught. Could make it further in high water, but may be too ephemeral. Good habitat, mild gradient. | 6-8 | Large Gravel | | 2-4 | EF | 2 CO |



Figure 1.—Juvenile coho salmon caught at waypoint 1053.



Figure 2.—Upstream at waypoint 1053.



Figure 3.—Downstream at waypoint 1049.

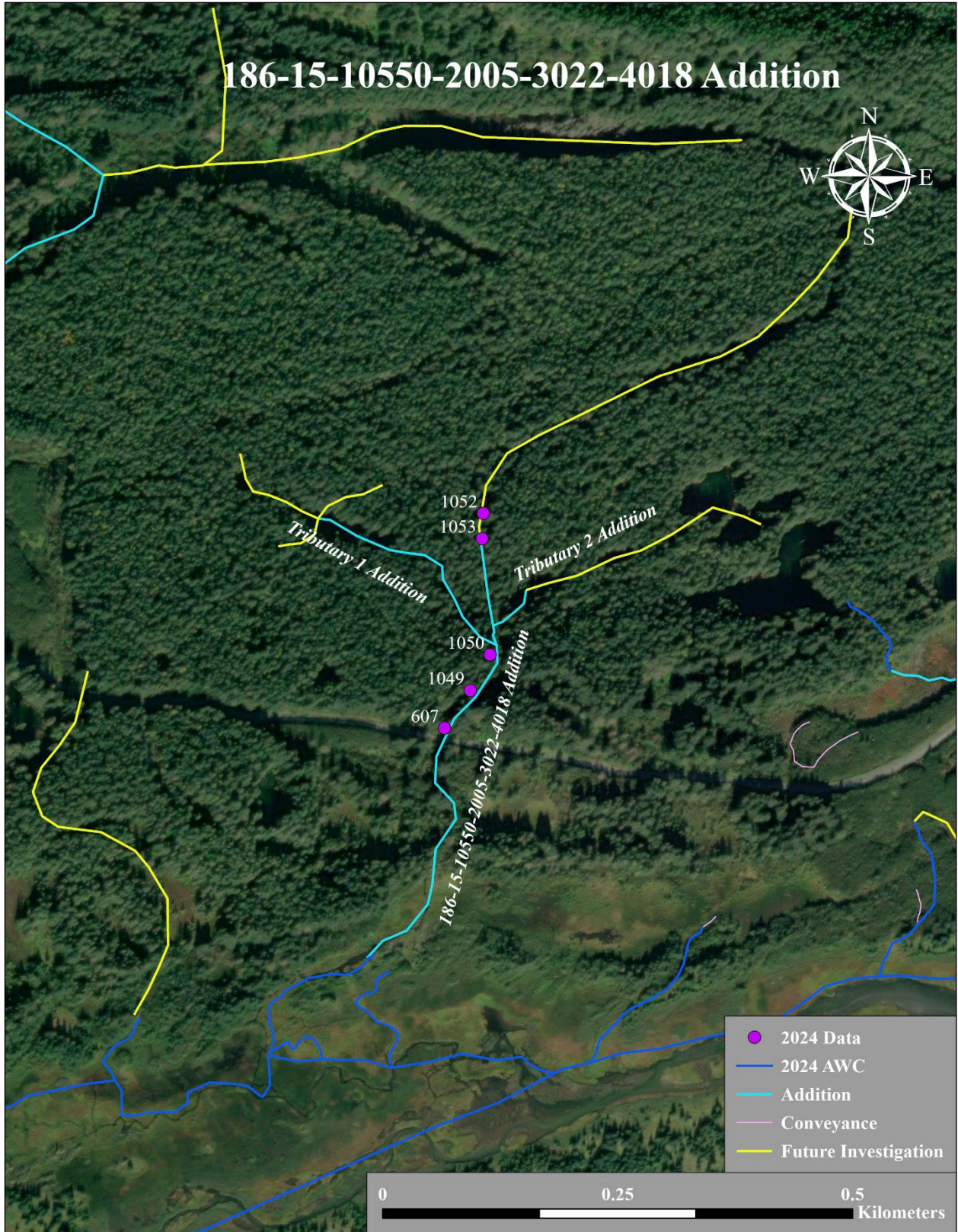


Figure 4.—186-15-10550-3022-4018 addition map.