

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-31-10130-2022-3003-4007-5300

ADDITION

Water body name:

Survey date: 9/9/2021; 6/28/2022

Quad: Sitka D-5

Species & Lifestage: CO

Upper Reach Latitude: 57.945967 **Longitude:** -135.395477

Survey crew: RR, FC, BL, MR

Lower Reach Latitude: 57.946619 **Longitude:** -135.399019

Findings: We surveyed this cataloged stream using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon, cutthroat trout, and sculpin. The stream has a headcut of fine organic material where it drops out of grassy muskeg and into a gravel channel, creating a temporary barrier to fish passage (Table 1; Figures 1–3).

Recommendations: Extend upper extent of Stream No. 114-31-10130-2022-3003-4007-5300 in the anadromous waters catalog (Figure 4).

Nomination: Pending

Table 1.–114-31-10130-2022-3003-4007-5300 survey data.

| Waypoint | Latitude | Longitude | Notes | Stream Width ft | Stream Substrate | Habitat Features | Gradient % | Sample Effort | Sample Results |
|----------|-----------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------|---------------------------|------------|---------------|----------------------|
| 867 | 57.946373 | -135.396739 | Start of survey, upstream of culvert. | 8-10 | Small Gravel Large Gravel | SWD Spawning Substrate | 2-4 | EF | 1 CT |
| 868 | 57.946162 | -135.395906 | | | | | | EF | 1 CO 5 CT 4 SC |
| 869 | 57.945888 | -135.395494 | Small tributary on river-left, 10' upstream turns into a 8' tall falls. | 2-4 | Fine Organic Small Gravel | SWD | 4-6 | EF | 2 CO |
| 870 | 57.946328 | -135.395104 | Tributary off of main channel on river-left, ending quickly by seeping into the ground. | 1-2 | Fine Organic | | 2-4 | EF | No Fish |
| 871 | 57.946204 | -135.394884 | At confluence with tributary, water is slow and stagnant, there are many temporary barriers downstream. No fish since last CO capture. | | | | | EF | No Fish |
| 872 | 57.946020 | -135.395184 | Stream enters a muskeg/grassy area. A lot of erosion/headcut present creating a temporary barrier. 5' falls and then goes subsurface. End of survey on stream. | 1-2 | Fine Organic | Incised Channel | 1-2 | EF | No Fish |
| 2382 | 57.946235 | -135.397423 | Minnow trap set upstream of culvert. 7' squash CMP. | 8-10 | Large Gravel Small Gravel | Cut Banks | 1-2 | MT | 2 CO 3 CT |



Figure 1.—Juvenile coho salmon captured at waypoint 869.



Figure 2.—Channel at waypoint 868.



Figure 3.—Culvert inlet at waypoint 2382.

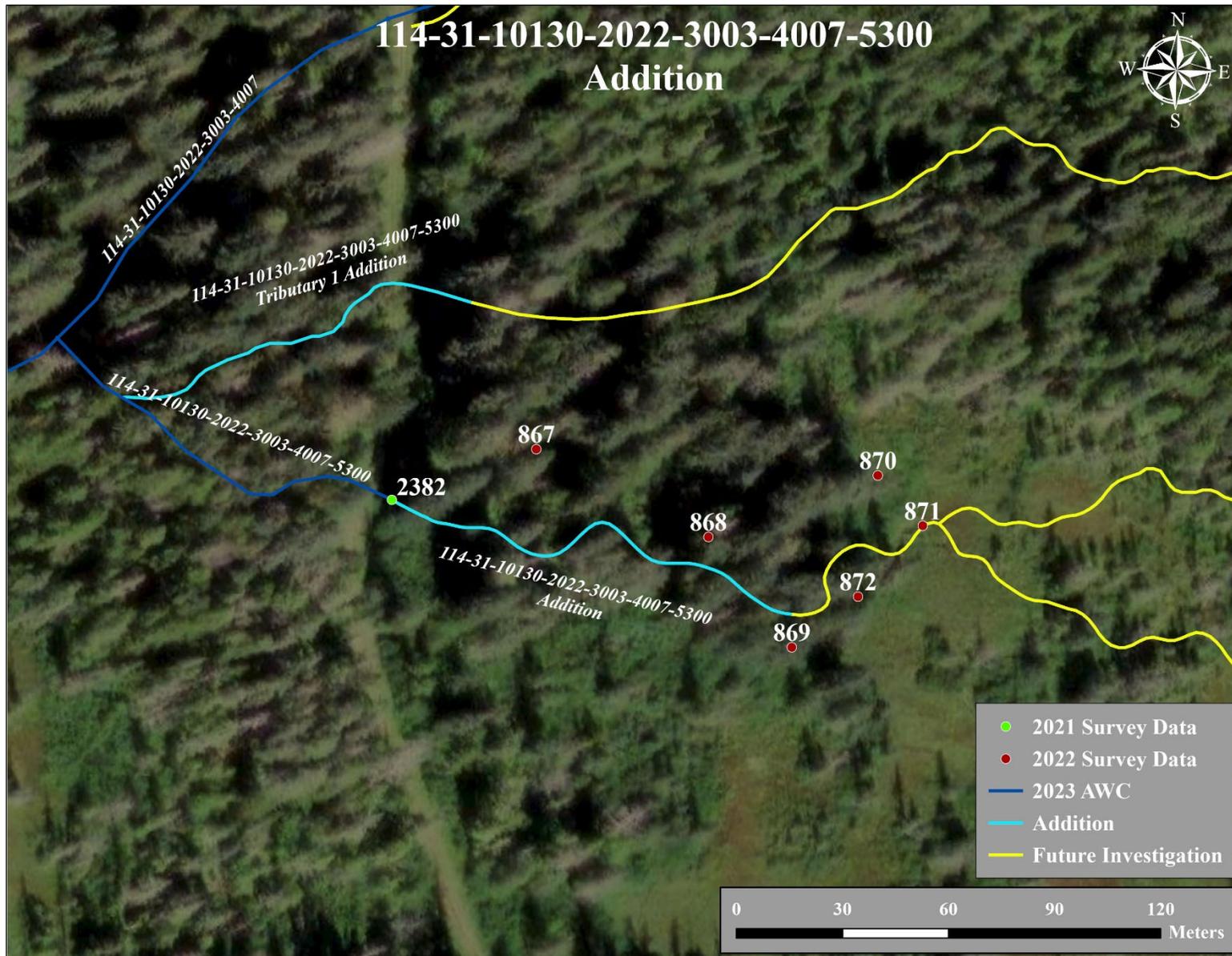


Figure 4.—Stream No. 114-31-10130-2022-3003-4007-5300 addition map.