

# Alaska Department of Fish and Game

Habitat Section  
Southeast Region



## 114-34-10100 Tributary 4

## ADDITION

**Water body name:**

**Survey date:** 7/8/2022

**Quad:** Juneau A-5

**Species & Lifestage:**

**Upper Reach Latitude:** 58.101478 **Longitude:** -135.585404

**Survey crew:** DK, RR, FC

**Lower Reach Latitude:** 58.100655 **Longitude:** -135.586499

**Findings:** We surveyed this uncataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon, cutthroat trout, and sculpin. The tributary stream flows through an old road crossing with removed structure and through a reach of about 15% gradient, downstream of which juvenile coho salmon were captured (Table 1; Figures 1, 2).

**Recommendations:** Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 3).

**Nomination:** Pending

Table 1.—114-34-10100 tributary 4 survey data.

| Waypoint | Latitude  | Longitude   | Notes   | Stream<br>Width ft | Stream<br>Substrate | Habitat<br>Features | Gradient<br>% | Sample<br>Effort | Sample<br>Results    |
|----------|-----------|-------------|---|--------------------|---------------------|---------------------|---------------|------------------|----------------------|
| 967      | 58.104274 | -135.584425 | Beaver dam on small creek on both sides of the road, no crossing structure.                   |                    |                     |                     |               | Not<br>Fished    |                      |
| 968      | 58.105051 | -135.584074 | Makeshift bridge over creek. Series of beaver dams downstream, likely block fish.             | 12-15              | Fine Organic        | Beaver<br>Pond      | 1-2           | EF               | No Fish              |
| 969      | 58.102358 | -135.583798 | Crossing structure removed. Grade appears consistent upstream and downstream of the crossing. | 6-8                | Large Gravel        |                     | 2-4           | EF               | 3 CT                 |
| 970      | 58.101575 | -135.585144 | Grade lowers significantly. Upstream about 15%.   | 10-12              |                     |                     |               | EF               | 2 CT<br>1 SC         |
| 971      | 58.101483 | -135.585425 | Young-of-year CO capture.   |                    |                     |                     |               | EF               | 2 CO<br>2 CT<br>2 SC |



Figure 1.—Juvenile coho salmon captured at waypoint 971.



Figure 2.—Channel at old road crossing at waypoint 969.



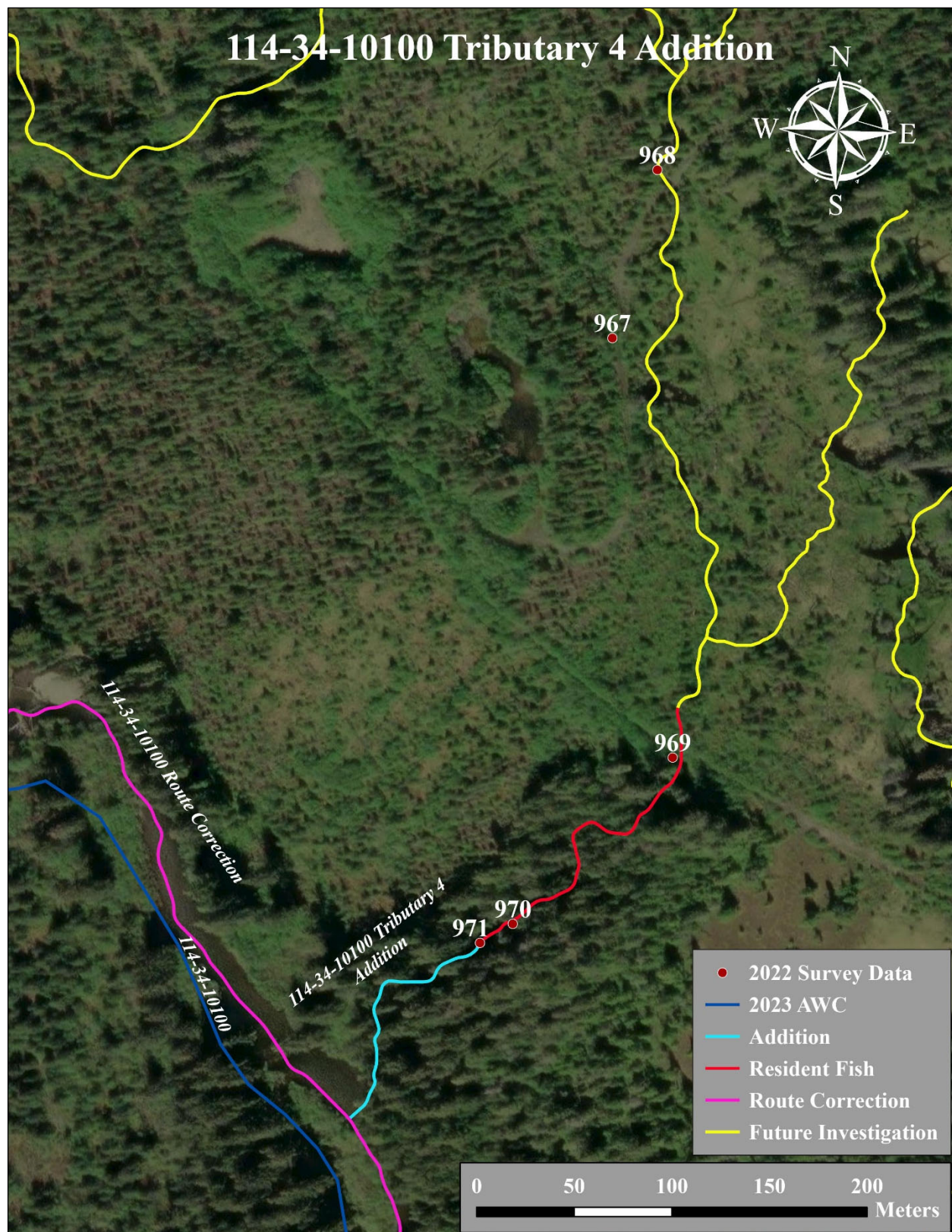


Figure 3.—114-34-10100 tributary 4 addition map.