

Alaska Department of Fish and Game

Habitat Section
Southeast Region



191-20-13800-2016 Tributary 1

ADDITION

Water body name:

Survey date: 7/25/2024

Quad: Icy Bay D2, D3

Species & Lifestage: COrs

Upper Reach Latitude: 59.977089 **Longitude:** -141.638233

Survey crew: NJ, CD, DK

Lower Reach Latitude: 59.976918 **Longitude:** -141.638238

Findings: We surveyed this uncataloged stream using baited minnow traps and GPS and captured juvenile coho salmon and stickleback. This stream flows southwest and crosses the road through puncheon; very little flow actually making it through. Fish habitat continues upstream but no fish found, possibly due to the puncheon acting as a barrier. Ponedged water below the road and puncheon (Table 1; Figures 1–4).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 5).

Nomination: Pending

Table 1.–191-20-13800-2016 tributary 1 survey data.

| Waypoint | Latitude | Longitude | Notes | Stream Width ft | Stream Substrate | Habitat Features | Gradient % | Sample Effort | Sample Results |
|----------|-----------|-------------|--|-----------------|------------------------------|------------------|------------|---------------|----------------|
| 762 | 59.977195 | -141.638331 | Stream crosses road at puncheon, very little water passing through puncheon, but still flowing through and heading east. Upstream there is a pond where the stream seems to seep from will be setting Minnow trap there. | | | | | | |
| 763 | 59.977746 | -141.637350 | Stream continues up this direction in narrows up to approximately 3 feet wide and still flowing. Seems like decent fish habitat unsure if fish can get up this far due to puncheon in road. | | Small Gravel | | 1-2 | | |
| 764 | 59.977088 | -141.638299 | The second puncheon is set over stream just below road and leads to small pond setting, minnow trap in pond. Multiple age class coho caught in pond below road. | | | | | MT | 11 CO 10 SB |
| 767 | 59.977433 | -141.637931 | No fish caught but not surprised considering puncheon below. Good fish habitat otherwise. Low gradient, small gravels, and approx 3ft wide. | | Fine Organic Small Gravel | | 1-2 | MT | No Fish |



Figure 1.—Juvenile coho salmon caught at waypoint 764.



Figure 2.—Looking upstream at waypoint 763.



Figure 3.—Puncheon across the road at waypoint 762.



Figure 4.—Puncheon across the road at waypoint 764.



Figure 5.—191-20-13800-2016 tributary 1 addition map.