

# Alaska Department of Fish and Game

Habitat Section  
Southeast Region



**186-15-10550-2005-3002-4012**

**ADDITION**

**Water body name:**

**Quad:** Icy Bay D2, D3

**Upper Reach Latitude:** 59.987477 **Longitude:** -141.523698

**Lower Reach Latitude:** 59.985802 **Longitude:** -141.524112

**Survey date:** 8/20/2024

**Species & Lifestage:** CO

**Survey crew:** NJ, CD, FC

**Findings:** We surveyed this cataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. This stream goes under a bridge with lots of material deposition. Gradient increases quickly above road, with water flow dissipating as elevation increases. Survey ended when channel went dry, but fish habitat could continue at this gradient during higher water (Table 1; Figures 1–3).

**Recommendations:** Extend upper extent of Stream No. 186-15-10550-2005-3002-4012 in the anadromous waters catalog (Figure 4).

**Nomination:** Pending

Table 1.–186-15-10550-2005-3002-4012 survey data.

| Waypoint | Latitude  | Longitude   | Notes  | Stream Width ft | Stream Substrate | Habitat Features | Gradient % | Sample Effort | Sample Results |
|----------|-----------|-------------|--|-----------------|------------------|------------------|------------|---------------|----------------|
| 611      | 59.987077 | -141.523514 | Trib upstream could be good habitat. Bridge here in also has lots of deposition, almost blocked off. Water here connects to where we set traps further back at last bridge.  |                 |                  |                  |            |               |                |
| 1046     | 59.987137 | -141.523637 | Coho caught in pool just upstream of the bridge and others visually seen. The ditch further west continues up through this point and continues going east. Only small amount of water falling under the bridge to low water levels.          |                 | Small Gravel     |                  | 1-2        | EF            | 2 CO           |
| 1047     | 59.987480 | -141.523720 | Channel continues uphill with little flowing water for approximately 100 to 150 feet. Then the channel dries out as a continues uphill at a steady gradient of 4 to 5%. CO caught in section of channel with water just downstream of point. |                 | Cobble           |                  | 4-6        | EF            |                |



Figure 1.–Juvenile coho salmon caught at waypoint 1047.



1046. Figure 2.—Confluence of the stream and ditch, just above the bridge at waypoint



Figure 3.—Looking downstream of the bridge.



Figure 4.—186-15-10550-2005-3002-4012 addition map.

