

# Alaska Department of Fish and Game

Habitat Section  
Southeast Region



## 191-20-13800 Tributary 2

**ADDITION**

**Water body name:**

**Survey date:** 8/23/2024

**Quad:** Icy Bay D2, D3

**Species & Lifestage:**

**Upper Reach Latitude:** 59.984145 **Longitude:** -141.628816

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

**Lower Reach Latitude:** 59.983769 **Longitude:** -141.629449

**Findings:** We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. The stream meanders through a forested buffer. An old crossing structure was removed at waypoint 1152; lots of rocks and woody debris in channel where crossing structure was removed has caused this section to go dry or subsurface. Coho caught below the dry stretch but not above. The debris jam is likely blocking passage to fish habitat further upstream in the forested buffer, although water may connect during high flows (Table 1; Figures 1–4).

**Recommendations:** Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon up to waypoint 1152 (Figure 5).

**Nomination:** Pending

Table 1.–191-20-13800 tributary 2 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1150	59.986153	-141.629448	Starting survey via electrofishing. Rearing fish habitat looks to continue upstream but no fish captured; advancing downstream towards crossing with closed out road due to time.	2-4	Small Gravel Fine Organic	Cut Banks	2-4	EF	
1151	59.985943	-141.629105	Small river-left tributary enters. Not worth investigation; looks to seep out of wetland overgrown with skunk cabbage. Continuing downstream on main which continues to have quality rearing habitat but no fish captured.	1-2			2-4	EF	No Fish
1152	59.984119	-141.628889	Channel goes dry through stretch where crossing structure was removed on closed out road (higher gradient and larger material size). Water reappears downstream of crossing where juvenile CO were captured. Not entirely clear whether this was natural grade break prior to installation or removal of crossing structure, but access to quality rearing fish habitat upstream is currently blocked.	4-6	Small Gravel Large Gravel	Incised Channel Cut Banks	4-6	EF	2 CO



Figure 1.—Juvenile coho salmon caught just below the removed road crossing.



Figure 2.—Debris erosion and dry channel at waypoint 1152.



Figure 3.—Looking downstream at waypoint 1151.



Figure 4.—Looking upstream at waypoint 1150.

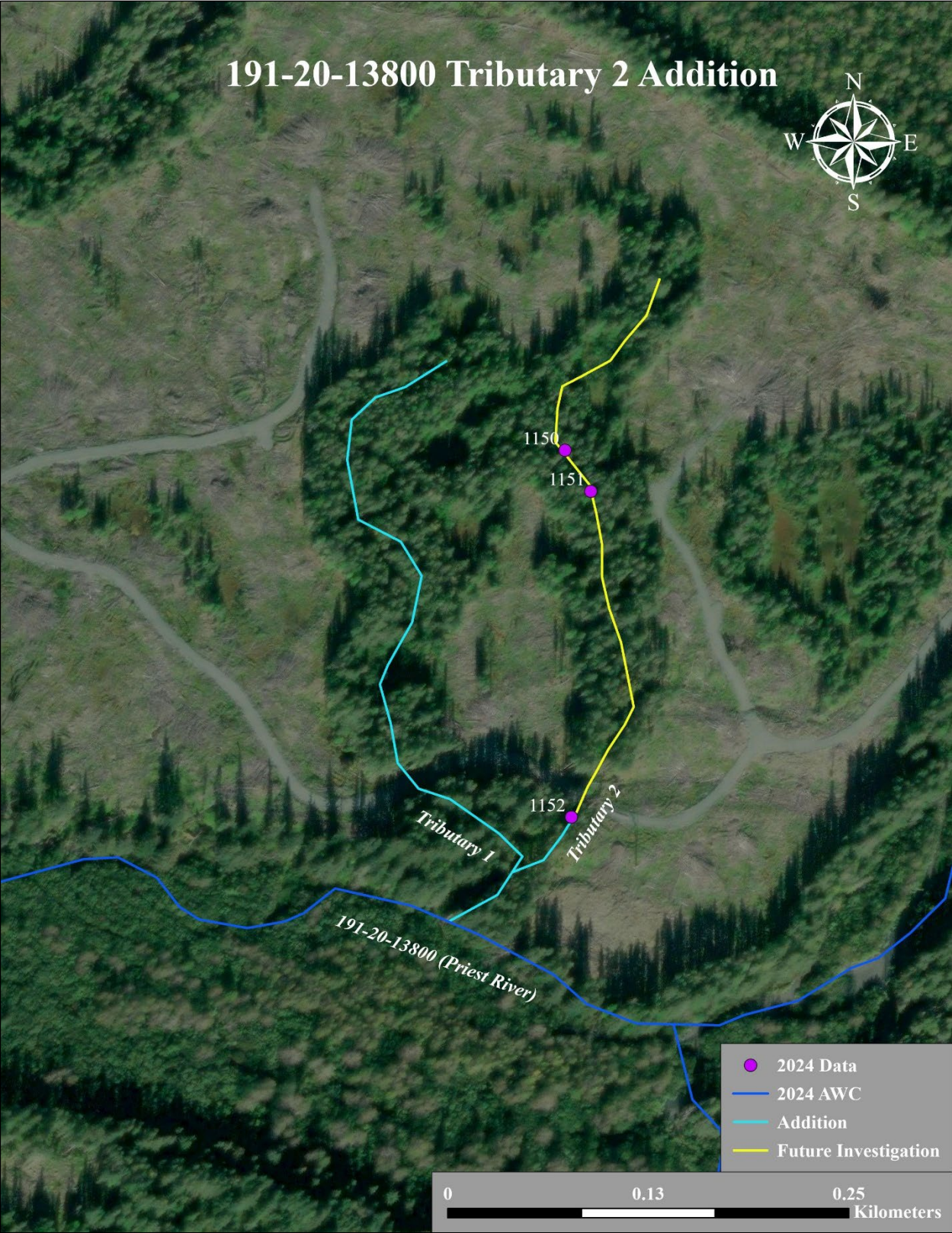


Figure 5.—191-20-13800 tributary 2 addition map.