

# Alaska Department of Fish and Game

Habitat Section  
Southeast Region



**114-27-10300**

**ADDITION**

**Water body name:** Spasski Creek

**Survey date:** 6/13/2022

**Quad:** Juneau A-4

**Species & Lifestage:** CHp,COp,Pp,CTp,DVp,SHp

**Upper Reach Latitude:** 58.015137 **Longitude:** -135.250426

**Survey crew:** RR, FC

**Lower Reach Latitude:** 58.095141 **Longitude:** -135.292261

**Findings:** We surveyed this cataloged stream using a backpack electrofisher and GPS. We captured juvenile coho salmon and Dolly Varden. We caught Dolly Varden and cutthroat trout in adjacent tributaries. The stream flows over an estimated 12-to-15 ft tall bedrock falls and through a broad channel with cobble and gravel substrate (Table 1; Figures 1–3).

**Recommendations:** Extend upper extent of Stream No. 114-27-10300 in the anadromous waters catalog and add rearing coho salmon to species (Figure 4).

**Nomination:** Pending

Table 1.—114-27-10300 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
713	58.016521	-135.249662	River-right tributary with exposed bedrock. Looks marginal for fish habitat. Sampling ~300' reach and continuing on road to Spasski main channel.	10-12	Boulder Bedrock		4-6	EF	3 CT 5 DV
714	58.015474	-135.249013	River-right tributary not present where predicted by LiDAR. Some disconnected pooling of water; no channel.					Not Fished	
715	58.014898	-135.249785	Start of survey on Spasski main channel continuation. Starts at low grade into a 2-4' tall bedrock falls.	20-25	Large Gravel Cobble	Incised Channel	1-2	EF	3 DV
716	58.014910	-135.249831	Tributary on river-left.	4-6	Large Gravel Small Gravel		4-6	EF	
717	58.014270	-135.249092	12-15' tall bedrock falls; difficult to get a photo from our vantage. Continuing survey downstream.	20-25	Cobble Large Gravel		4-6	EF	No Fish
718	58.015115	-135.250490	2-yr+ CO capture. Advancing downstream.					EF	2 CO 1 DV
719	58.015127	-135.250706	Tributary on river-left. Gradient is high for rearing habitat; no fish capture.	2-4	Small Gravel Large Gravel	Spawning Substrate	4-6	EF	No Fish
720	58.014941	-135.250841	End of survey on this tributary; no fish capture.					EF	No Fish

Table 1.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
721	58.015398	-135.250583	Followed LiDAR predicted route of river-right tributary down and never found stream channel connected to main.						
722	58.016772	-135.252048	Where river-right tributary enters main channel. No CO were found in this tributary; only residential fish (DV, CT). Log jam on main channel; CO were caught upstream.					Not Fished	
723	58.016700	-135.251736	Waypoint for route of river-right tributary.					Not Fished	
724	58.016715	-135.251708	Waypoint for route of river-right tributary.					Not Fished	
725	58.016556	-135.251419	Waypoint for route of river-right tributary.					Not Fished	



Figure 1.—Juvenile coho salmon captured at waypoint 718.



Figure 2.—Downstream view of channel at waypoint 715.



Figure 3.—Bedrock falls at waypoint 717.

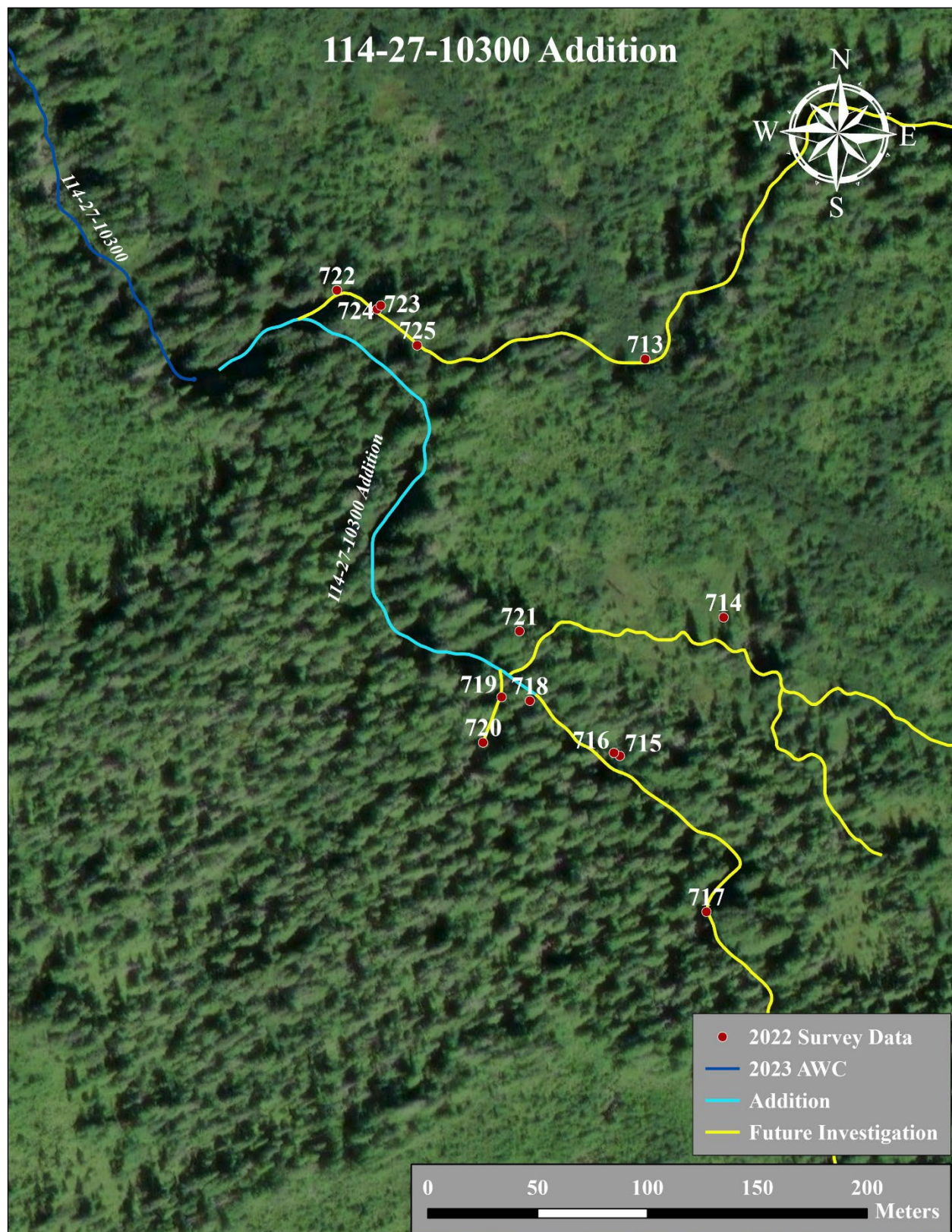


Figure 4.—Stream No. 114-27-10300 addition map.