

# Alaska Department of Fish and Game

Habitat Section  
Southeast Region



**109-42-10100-2023-3016**

**ADDITION**

**Water body name:**\*Rainbow Creek

**Quad:** Petersburg D-5

**Upper Reach Latitude:** 56.940352 **Longitude:** -133.582563

**Lower Reach Latitude:** 56.927189 **Longitude:** -133.577149

**Survey date:** 6/14/2023

**Species & Lifestage:** CO

**Survey crew:** CD, FC

**Findings:** We surveyed this cataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon (Figure 1). Stream is forested, maintains a low gradient, and has spawning substrate throughout the area surveyed (Table 1; Figures 2,3). Survey concluded due to a lack of time, anadromous fish habitat potentially continues upstream of final survey point.

**Recommendations:** Extend upper extent of Stream No. 109-42-10100-2023-3016 in the anadromous waters catalog for rearing coho salmon (Figure 4).

**Nomination:** Pending

Table 1.—106-43-10590 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
307	56.937733	-133.583720	Young-of-year CO capture.	10-12	Large Gravel Small Gravel		2-4	EF	2 CO
308	56.938065	-133.582184	Continued young-of-year CO capture.					EF	CO
309	56.937577	-133.581648	Waypoint for stream route. Young-of-year CO observed via visual identification.	10-12			2-4	VI	5 CO
310	56.939398	-133.581718	Waypoint for stream route. GPS seems to be incorrect at lower waypoints. Continued young-of-year CO observed via visual identification.					VI	5 CO
311	56.939868	-133.582279	Confluence of two streams contributing fairly equal water/flow. Young-of-year CO observed. Advancing upstream on river-right.		Large Gravel Small Gravel	Spawning Substrate	1-2		
312	56.940356	-133.582582	6-8' tall beaver dam likely blocking fish passage (potential passage via series of river-left headcut falls); significant ponding upstream. Electrofished just downstream of dam; young-of-year CO capture.	6-8	Small Gravel Large Gravel	Beaver Pond	1-2	EF	2 CO 1 CT 1 DV

Table 2.–Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
313	56.939808	-133.581991	Young-of-year CO capture just downstream of 6-8' tall beaver dam which may block fish passage (potential through-way via smaller falls of river-right headcuts/dams). Significant ponding upstream; ending survey for now due to time constraints.	4-6	Small Gravel Large Gravel	Beaver Pond SWD	2-4	EF	2 CO 1 DV
314	56.938855	-133.581398	Waypoint for stream route.						
315	56.938222	-133.580678	Waypoint for stream route.						
316	56.937883	-133.580653	Waypoint for stream route.						
317	56.937740	-133.582426	Waypoint for stream route.						
318	56.937817	-133.582127	Waypoint for stream route.						
319	56.938180	-133.582774	Waypoint for stream route.						



Figure 1.–Juvenile coho salmon captured at waypoint 312.





Figure 2.—Channel at waypoint 311.



Figure 3.—Channel at waypoint 312.



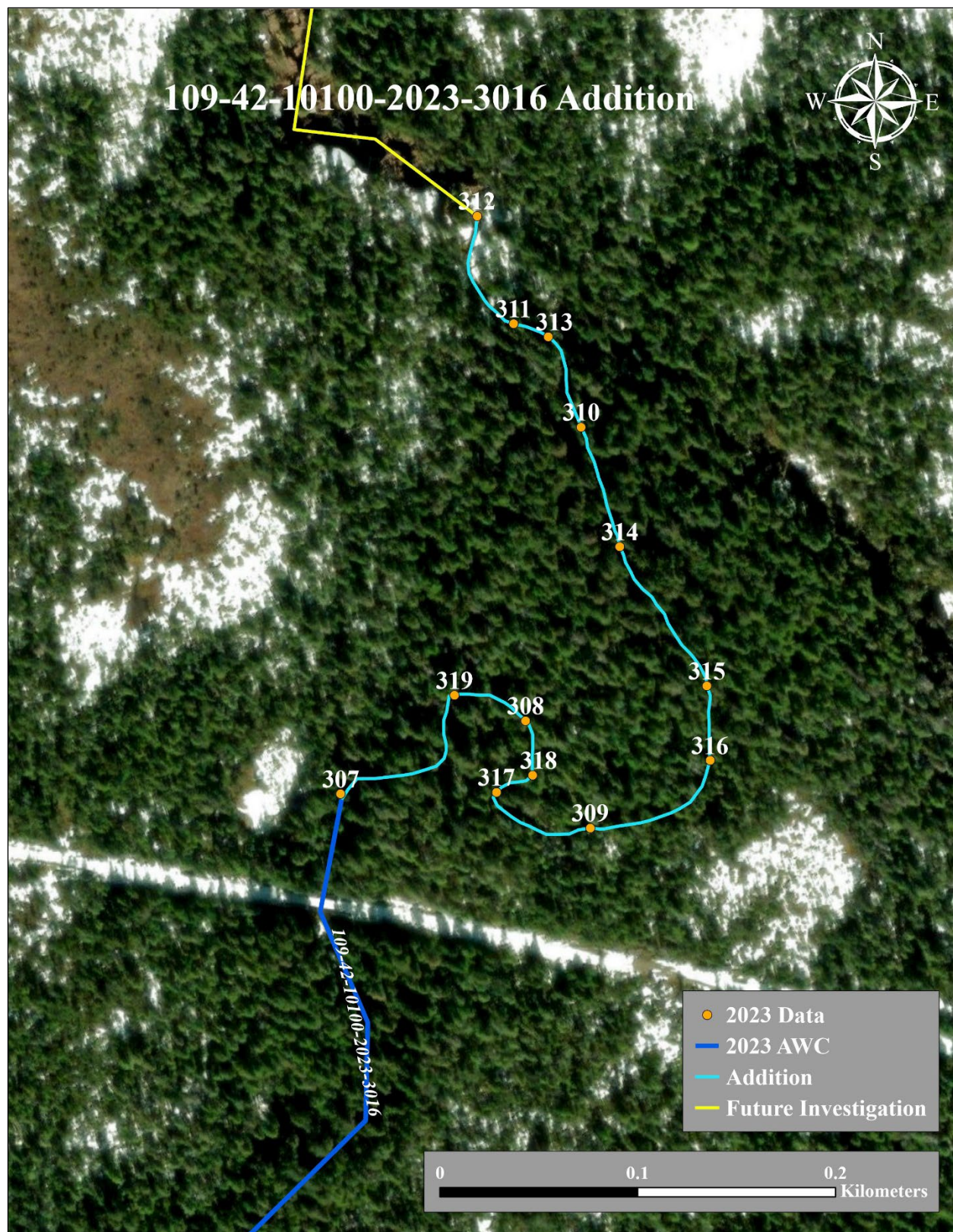


Figure 4.—Stream No. 109-42-10100-2023-3016 addition map.