



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region SOUTHEASTERN

USGS Quad(s) PETERSBURG D-5

Anadromous Waters Catalog Number of Water Body 109-42-10100-2023-3016

Name of Water Body *Rainbow Creek

☐ USGS Name ☒ Local Name

☒ Addition

☐ Deletion

☐ Correction

☐ Backup Information

For Office Use

Nomination # 24-710

Revision Year: 2025

Revision to: ☒ Atlas
☒ Catalog

Revision Code: A-1

Adam Rem
Fisheries Scientist

9-9-2024
Date

Ron Benkert
Habitat Operations Manager

8/19/2024
Date

Steph Kifer
AWC Project Biologist

2 Aug 2024
Date

Ron HWA
GIS Analyst

9/12/24
Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/14/2023		✓		✓
cutthroat trout	06/14/2023		✓	✓	
Dolly Varden	06/14/2023		✓	✓	

~EXTEND existing AWC Stream #109-42-10100-2023-3016 *Rainbow Creek" with COHO salmon REARING.**

Comments:

Extend upper extent of Stream No. 109-42-10100-2023-3016 in the anadromous waters catalog for rearing coho salmon.
Coordinates (Lat,Long): Upper(56.940352,-133.582563) Lower(56.927189,-133.577149)

Name of Observer (please print):

Claire Delbecq

Signature:

10.231.39.10 (Web Nomination)

Date: 03/08/2024

Agency:

Address:

PO Box 110024

Juneau, AK 99824

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist:

Date:

Revision 3/16

Name of Area Biologist (please print):

Alaska Department of Fish and Game

Habitat Section
Southeast Region



109-42-10100-2023-3016

ADDITION

Water body name:*Rainbow Creek

Survey date: 6/14/2023

Quad: Petersburg D-5

Species & Lifestage: CO

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

Survey crew: CD, FC

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

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.

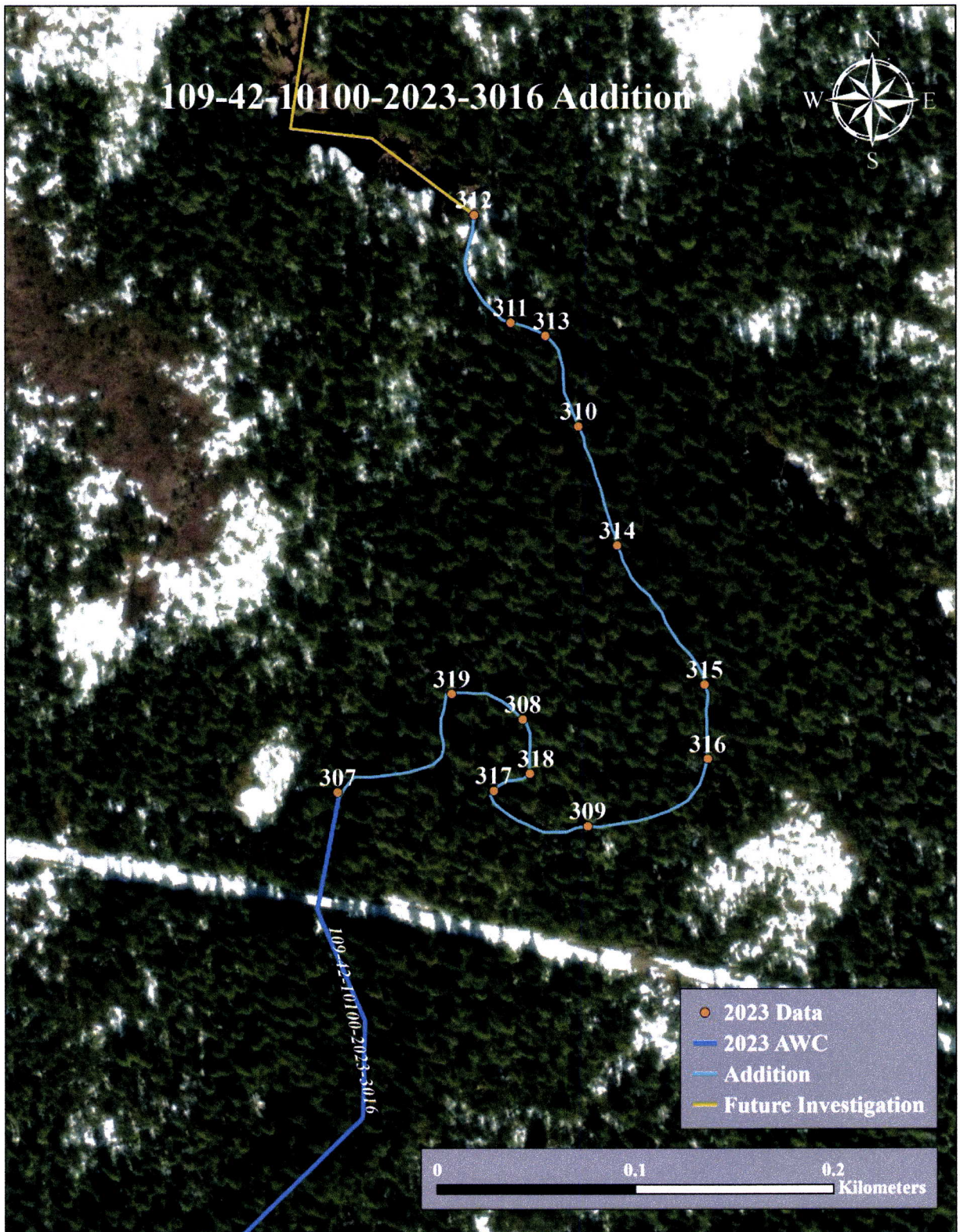
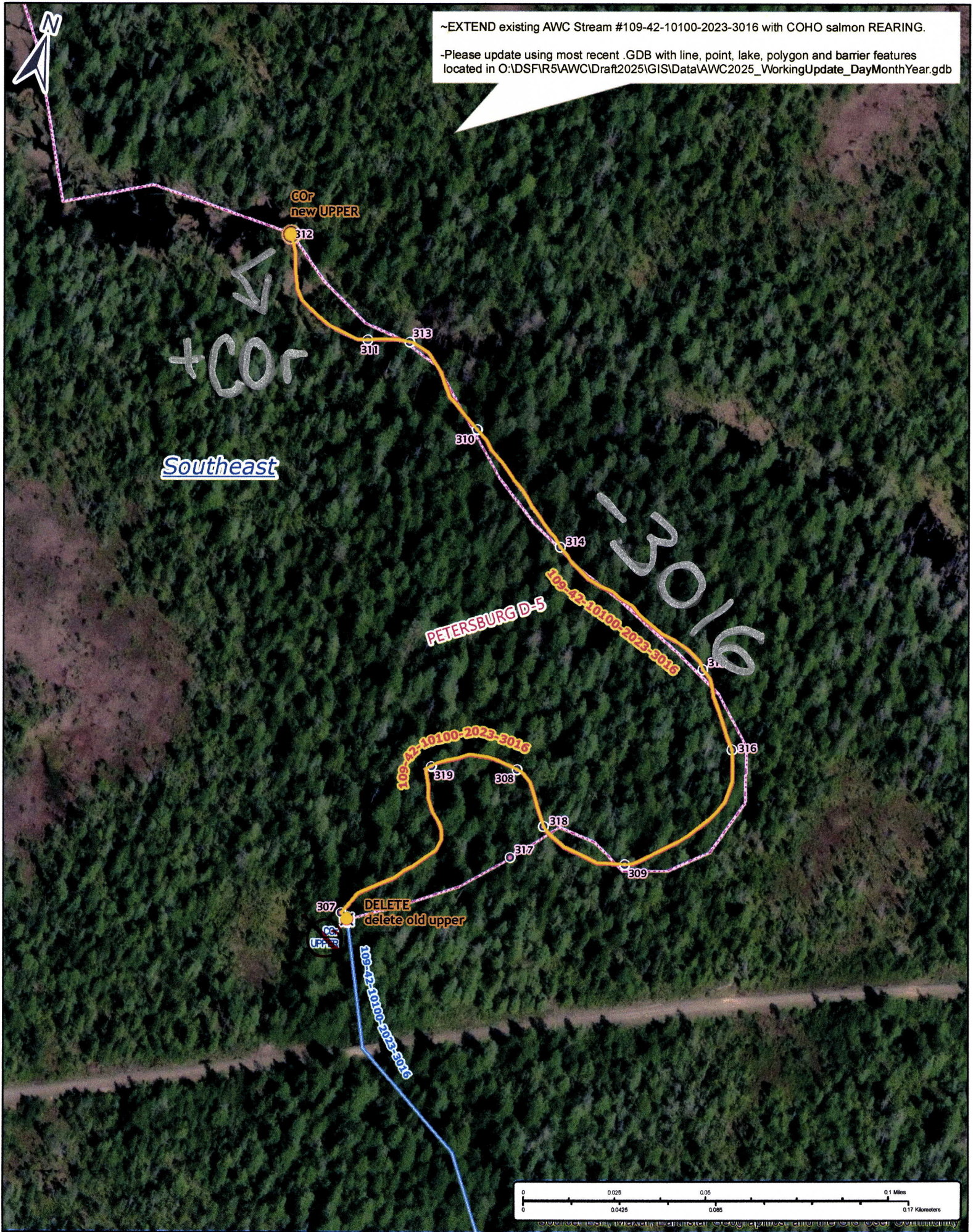


Figure 4.—Stream No. 109-42-10100-2023-3016 addition map.

~EXTEND existing AWC Stream #109-42-10100-2023-3016 with COHO salmon REARING.

-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DS\FIR5\AWC\Draft2025\GIS\Data\AWC2025_WorkingUpdate_DayMonthYear.gdb



#24-710

Map #2