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: 109-42-10100-2023-3019-4006

Name of Water Body: ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	24-709	Adam Reimer — Fisheries Scientist	9-9-2024 — Date
Revision Year:	2025	Ron Benkert — Habitat Operations Manager	8/19/2024 — Date
Revision to:	☑ Atlas ☑ Catalog	Joseph Stanford — AWC Project Biologist	19 Aug 2024 — Date
Revision Code:	A-1	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		✓	✓	

~EXTEND existing AWC Stream #109-42-10100-2023-3019-4006 with COHO salmon REARING.

Comments:

Extend upper extent of Stream No. 109-42-10100-2023-3019-4006 in the anadromous waters catalog for rearing coho salmon.
Coordinates (Lat,Long): Upper(56.912680,-133.61982) Lower(56.938471,-133.630487)

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

109-42-10100-2023-3019-4006 ADDITION

Water body name:
Survey date: 6/14/2023
Quad: Petersburg D-5
Species & Lifestage: COr
Upper Reach Latitude: 56.912680 **Longitude:** -133.619820
Survey crew: CD, FC
Lower Reach Latitude: 56.938471 **Longitude:** -133.630487

Findings: We surveyed this cataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon (Figure 1). Stream is forested, has evidence of beaver activity, 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. 109-42-10100-2023-3019-4006 in the anadromous waters catalog for rearing coho salmon (Figure 4).

Nomination: Pending

Table 1.–109-42-10100-2023-3019-4006 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
294	56.921945	-133.626991	Starting survey upstream of cataloged reach. Quality rearing and spawning habitat continue upstream. Young-of-year CO capture.	10-12	Large Gravel Cobble	Spawning Substrate Log Jams	2-4	EF	2 CO
295	56.918921	-133.623677	Continued young-of-year CO capture. Slight increase in grade and incidence of log jams and step falls compared to downstream.				4-6	EF	2 CO
296	56.918508	-133.622841	Continued 1-yr CO capture just upstream of slight grade increase and fallen logs and woody debris jam. Gradient mellows slightly above debris jam.				2-4	EF	CO
297	56.916756	-133.620417	Gradient has increased over last 200' downstream of waypoint. Continued young-of-year capture.		Cobble Large Gravel	Spawning Substrate Incised	6-8	EF	2 CO 2 CT
298	56.915643	-133.619472						VI	3 CO
299	56.915024	-133.620223							
300	56.914760	-133.620270	Continued young-of-year CO capture upstream of bedrock cascade at downstream waypoint.			Incised Channel	4-6	EF	2 CO
301	56.914291	-133.620000	Continued young-of-year CO capture just downstream of beaver dam/ponding.			Beaver Pond Incised Channel	4-6	EF	2 CO

Table 2.–Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
302	56.913723	-133.620796	Tributary enters on river-left. Continuing up main channel.						
303	56.912685	-133.619839	Continued 1-yr CO capture. Gradient has decreased compared to downstream. Channel has become less incised and extremely sinuous. CO rearing habitat likely continues further upstream into low-gradient muskeg. Ending survey to prioritize streams closer to areas of potential development.	6-8	Large Gravel Small Gravel	Spawning Substrate	2-4	EF	2 CO

Figure 1.–Juvenile coho salmon captured at waypoint 303.

Figure 2.–Channel at waypoint 299 facing downstream.

Figure 3.–Channel at waypoint 303 facing downstream.

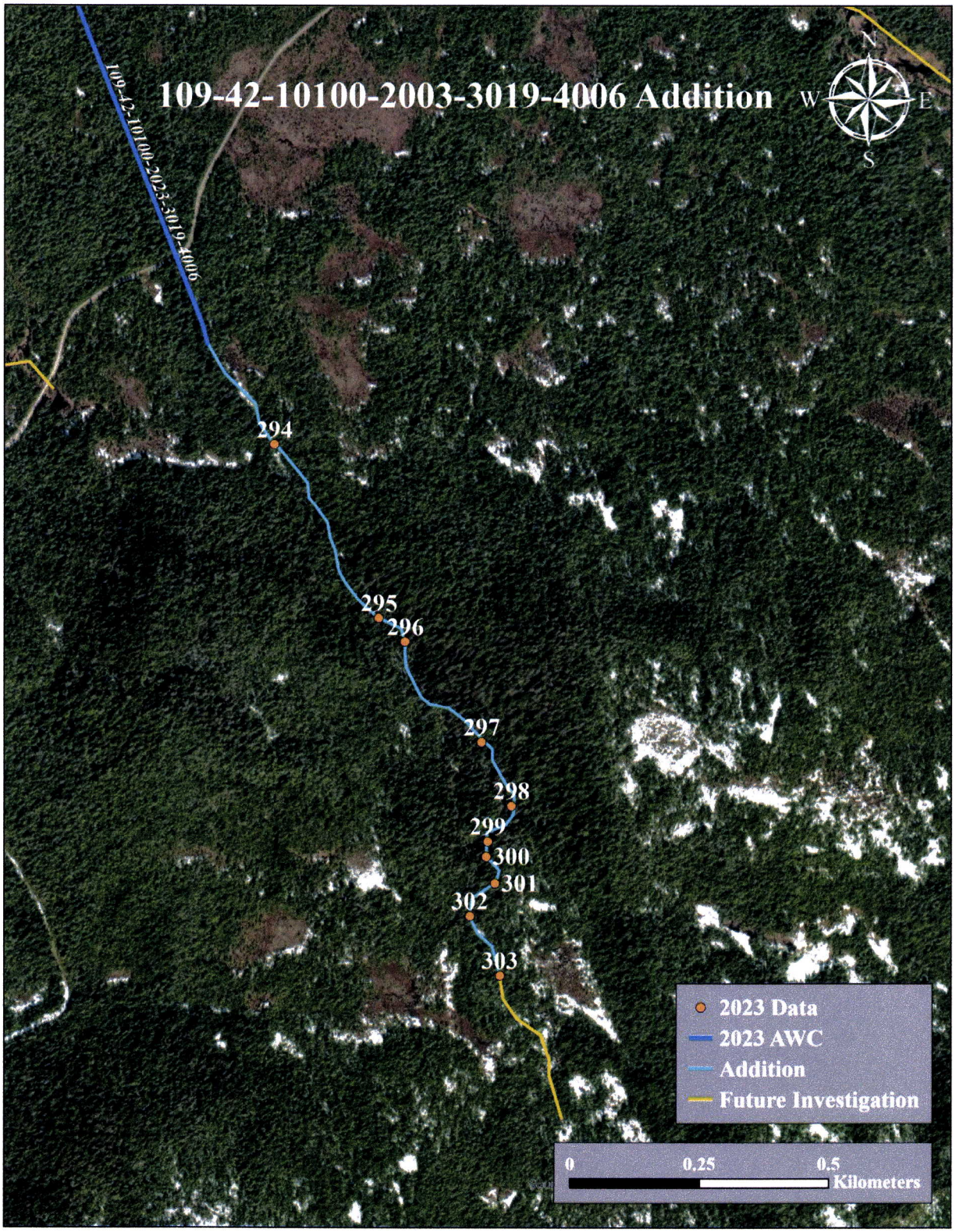
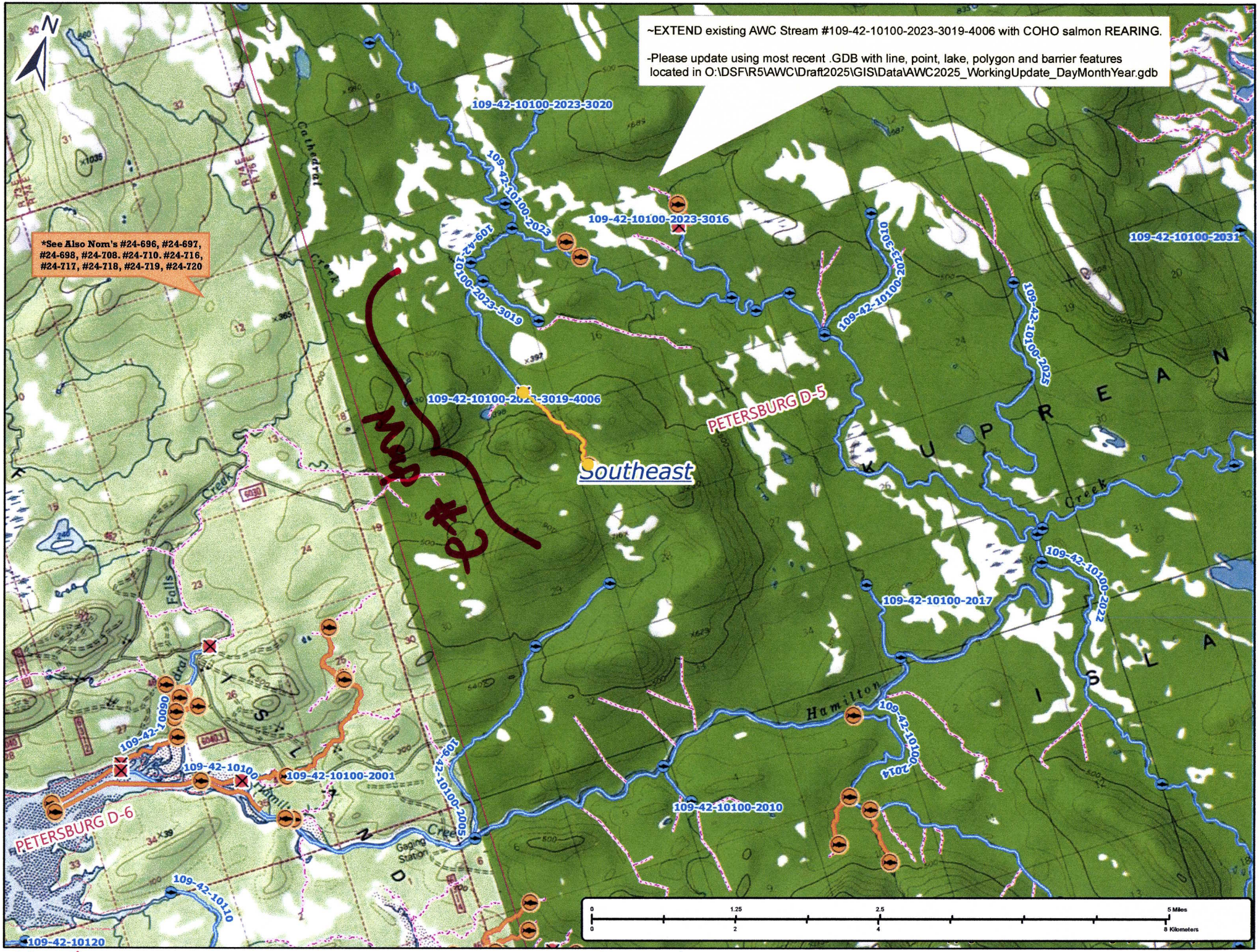


Figure 4.–Stream No. 109-42-10100-2023-3019-4006 addition map.



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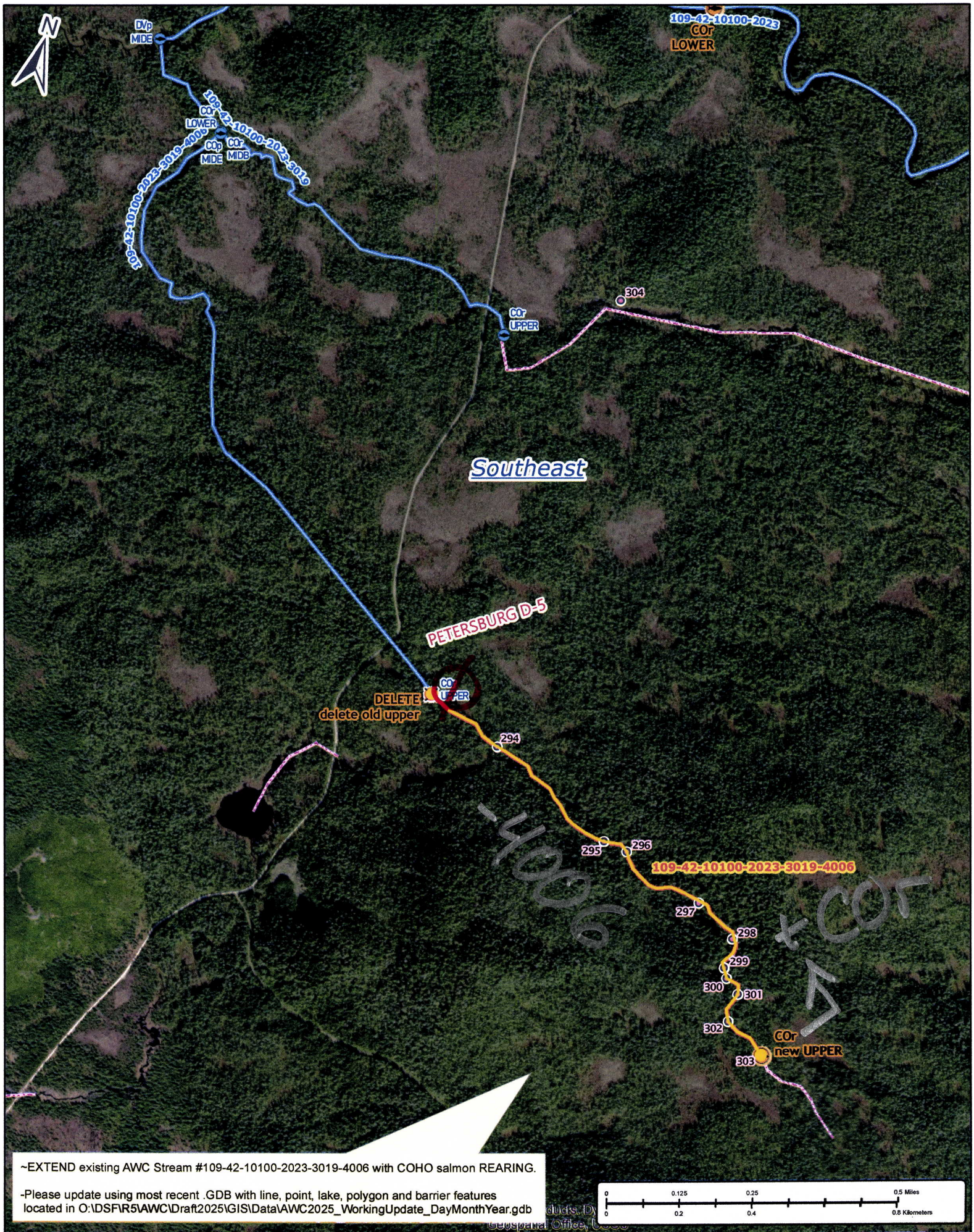
Map # 1



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Map #2