State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southeastern

USGS Quad(s): JUNEAU C-4

Anadromous Waters Catalog Number of Water Body: 115-10-10440- (-0010); (-2010 (-0010)); (-2999 (-3005))

Name of Water Body: ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # 24-799	Adam Reimer — Fisheries Scientist	7-30-2024 — Date
Revision Year: 2025	Ron Benkert — Habitat Operations Manager	7/24/2024 — Date
Revision to: ☑ Atlas ☑ Catalog	[signature] — AWC Project Biologist	15 July 2024 — Date
Revision Code: A-1, A-2, A-2d, E-12	P. C — GIS Analyst	8/5/2024 — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/27/2024		✓		✓

~See page 2 for Nom revisions.

Comments:

Observation locations, notes, and photos in attached pdf, geospatial data in attached zipfiles. NOTE: Trib of 115-10-10440 originates from anadromous beaver pond which also has a hydrologic connection to 115-10-10430. Separate nomination to be submitted with supporting data.
Coordinates (Lat,Long): Upper(58.629390,-135.225594) Lower(58.629209,-135.217866)

Name of Observer (please print): Mark Hieronymus
Signature: 10.231.39.10 (Web Nomination) Date: 07/03/2024
Agency: Trout Unlimited - AK
Address: PO Box 20881
Juneau, AK 99802

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):

~EXTEND existing AWC Stream #115-10-10440 with COHO salmon REARING.

*Supersedes upper extent established in Nom #24-779.

~ADD new AWC Lake #115-10-10440-0010 with COHO salmon REARING.

~ADD new AWC Stream #115-10-10440-2010 with COHO salmon REARING.

~ADD new AWC Lake #115-10-10440-2010-0010 with COHO salmon REARING.

~ADD new AWC Distribuatry #115-10-10440-2999 with COHO salmon REARING.

~ADD new AWC Stream #115-10-10440-2999-3005 with COHO salmon REARING.

115-10-10440

Waters Addition / Route Correction

Water Body Name:
Species & Lifestage Observed: COr
Observation Date: 06/27/2024
Observers: Mark Hieronymus, Kevin Maier, David McKenna

HUC12: 190103010705
MTR: C037S062E
Quad: Juneau C-4 NW

Observations: We walked the lower confluence and upper reaches of this listed stream as well as an unlisted tributary with a GPS, and observed and captured juvenile coho salmon with hand nets. 115-10-10440 terminates in two ponds, neither with a defined inflow. The tributary of 115-10-10440 terminates in a beaver pond which also shares a hydrologic connection with 115-10-10430 (Waypoint 8, Figure 7) – I will be submitting a separate nomination for -10430 which will include more data on this pond. Comparison of the 2024 Anadromous Waters Catalog arc and our field-verified stream path for 115-10-10440 suggests an upper extension and route correction is needed. Observation locations and notes are in Table 1. Fish, stream, and feature photos and a map showing observation locations, waters additions, and route corrections are in Figures 1-11.

Table 1.- 115-10-10440 observation locations and notes.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
1	58.629209	-135.217866	At confluence of 115-10-10460 and 115-10-10440, 6/27/24, 9:25am. Obs: MH, KM, D McK. 75% OVC, Hi clouds, good observation conditions. Start of US obs.		
2	58.629342	-135.218205	Stream forks here - 115-10-10440 is RL (north) fork, unlisted trib is RR fork. Looking up unlisted fork, stream is 1-2m wide, 50cm deep, gravel substrate, incised 1-2m into meadow, clear H_2O - temp 4.5°C. Heading up unlisted fork.		
3	58.628538	-135.219993	Up UL fork - several juv CO seen between wpt 2 and here, 8-10 juv CO in this pool, 2 netted. Stream narrows to ~1m and ~15-40cm deep US of this point.	VI HN	8-10 CO 2 CO
4	58.628385	-135.222432	3 juv CO netted here. Stream characteristics continue, meadow incision now <1m.	HN	3 CO
5	58.628975	-135.223730	3 juv CO netted here. Stream now <20cm deep, ~1m wide, some grass in channel and lots canopied over stream.	HN	3 CO
6	58.629077	-135.224546	Trib enters on RR - trib is ~50-75cm wide, sand/muck substrate. Headed up trib.		
7	58.628836	-135.224729	2 juv CO netted here. Beyond this point, stream is more of a squishy vegetation-filled channel in the meadow than a flowing stream. Headed back down to wpt 6 and up mainstem.	HN	2 CO

Table 1.- 115-10-10440 observation locations and notes, continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
8	58.629390	-135.225594	At beaver pond outflow, a few juv CO seen ~10m DS, hand-netting ineffective in pond. End of US obs on this flow, headed over to 115-10-10440 upper section.	VI	3-5 CO
9	58.630720	-135.220904	Back on 115-10-10440 at old road prism - several juv CO seen here at close (<2m) range, fled to cover on netting attempts. Stream is ~1m wide, 10-20cm deep, partially canopied by meadow grass. Headed US.	VI	4-6 CO
10	58.630901	-135.222184	Stream forks here, headed up RL (north) fork.		
11	58.631152	-135.222320	Stream ends in pond, no discernible inlet stream. Dozens of juv CO seen, 2 netted. Pond is 20-30cm deep, muck bottom, some vegetation mostly near edges. Back down to wpt 10.	VI HN	25-30 CO 2 CO
12	58.630881	-135.222599	115-10-10440 appears to end at pond here, no discernible inlet stream. ~2doz juv CO seen in pond, 2 netted. US end of obs on this stream.	VI HN	20-25 CO 2 CO

Figure 1. - Looking NW up 115-10-10440 from its confluence with 115-10-10460 at waypoint 1.

Figure 2.- Juvenile coho salmon captured at waypoint 3.

Figure 3.- Looking upstream from waypoint 3 at general stream characteristics encountered in this reach.

Figure 4.- Looking upstream from waypoint 6 at stream characteristics between here and beaver pond at waypoint 8.

Figure 5.- Looking up tributary noted at waypoint 6. Waypoint 7 is between the two observers in the photo.

Figure 6.- Juvenile coho captured at waypoint 7.

Figure 7.- Looking upstream from waypoint 8 at beaver pond. This pond also shares a hydrologic connection with 115-1010430.

Figure 8.- Looking north from waypoint 11 at pond characteristics.

Figure 9.- Looking west from waypoint 12 at pond characteristics.

Figure 10.- Juvenile coho captured in pond at waypoint 12.

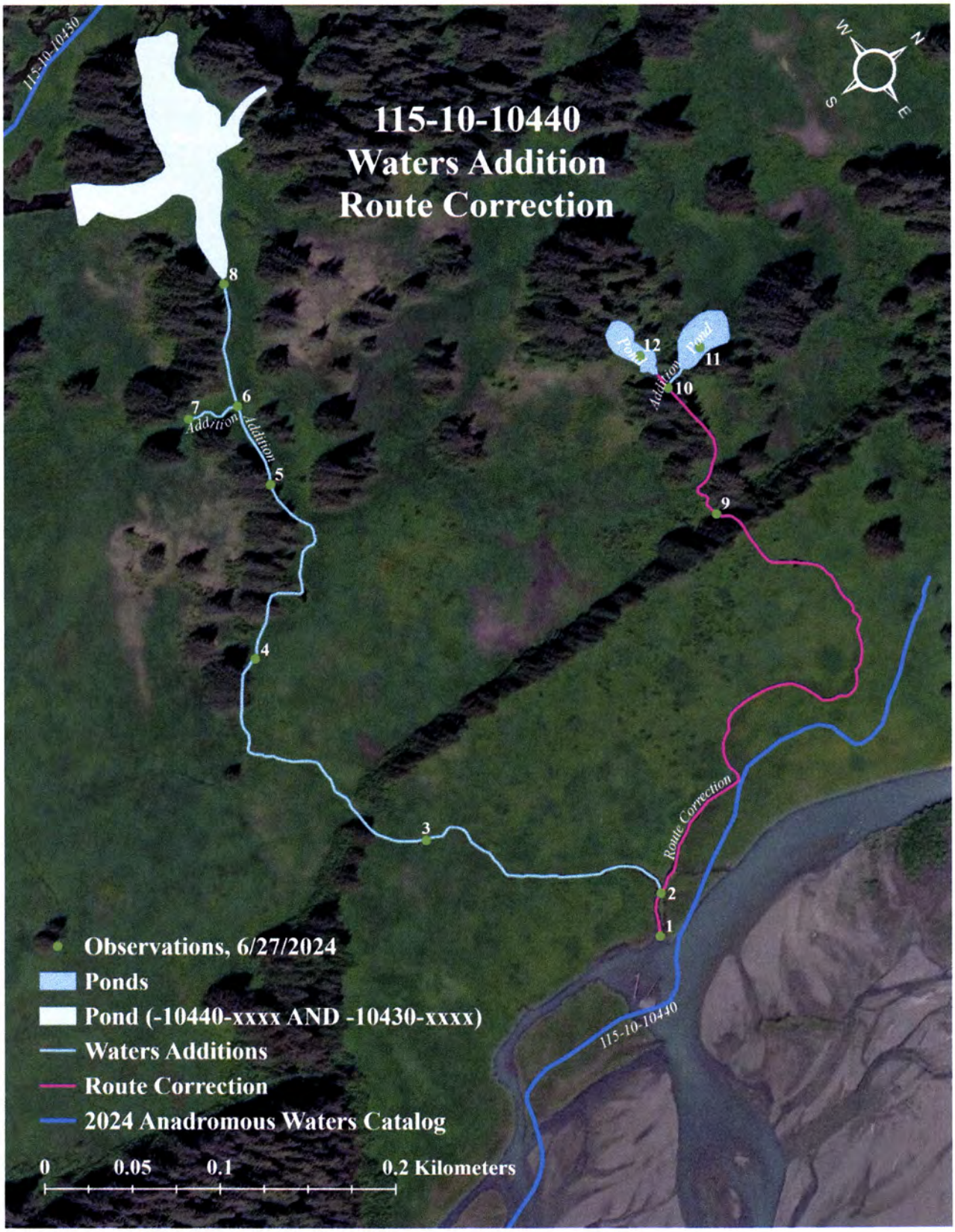
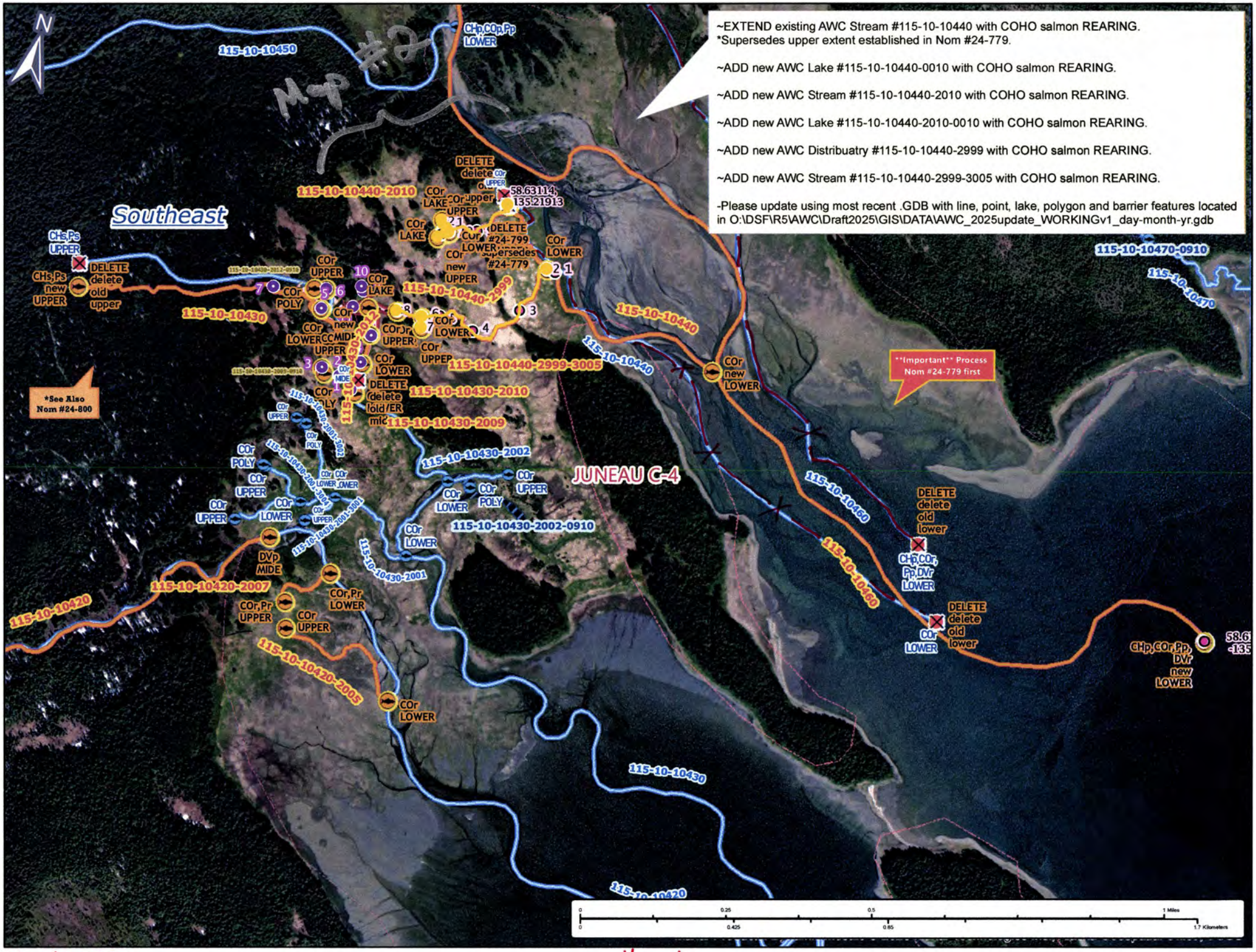
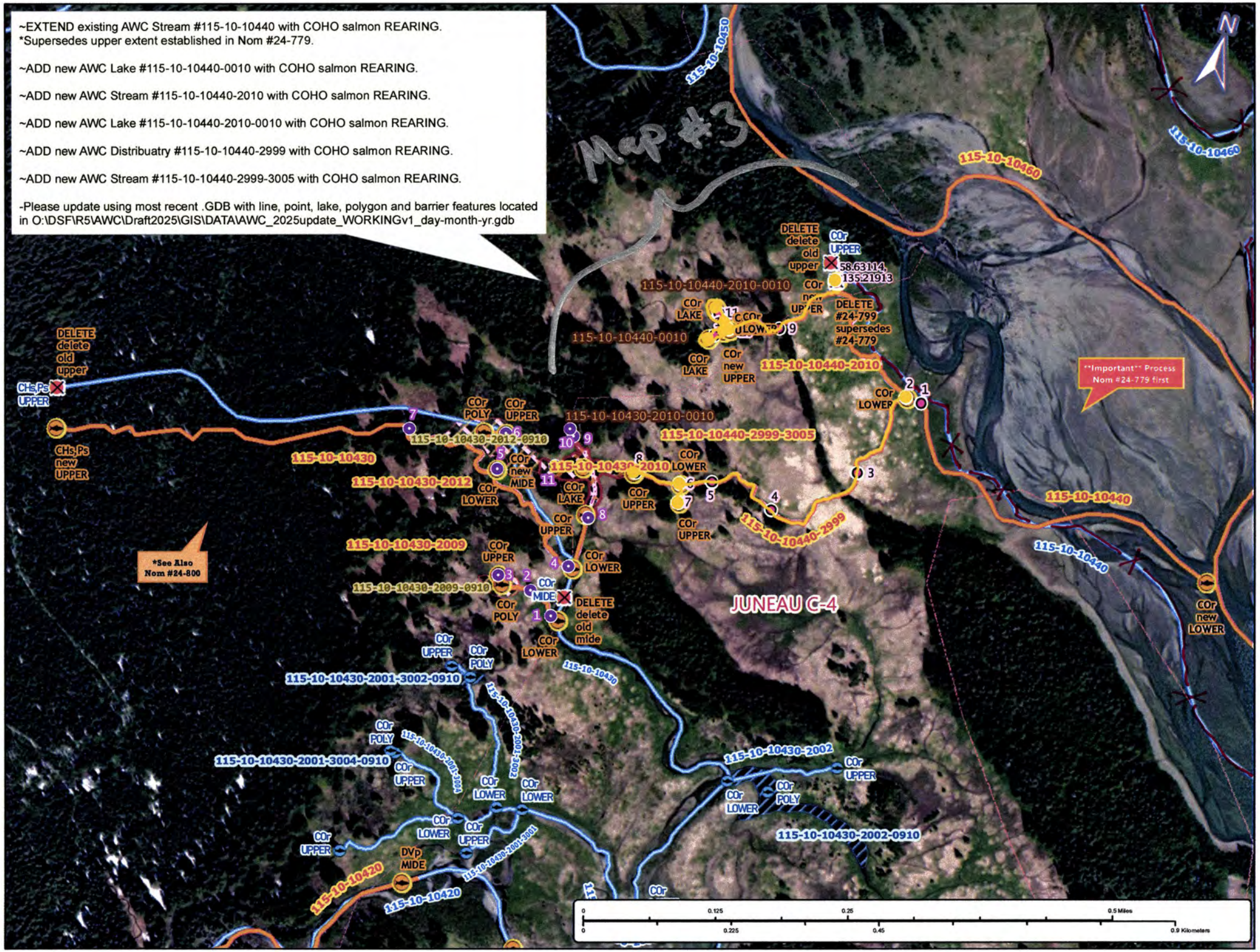


Figure 11.- Map of 115-10-10440 showing observation locations, waters additions, and route correction.



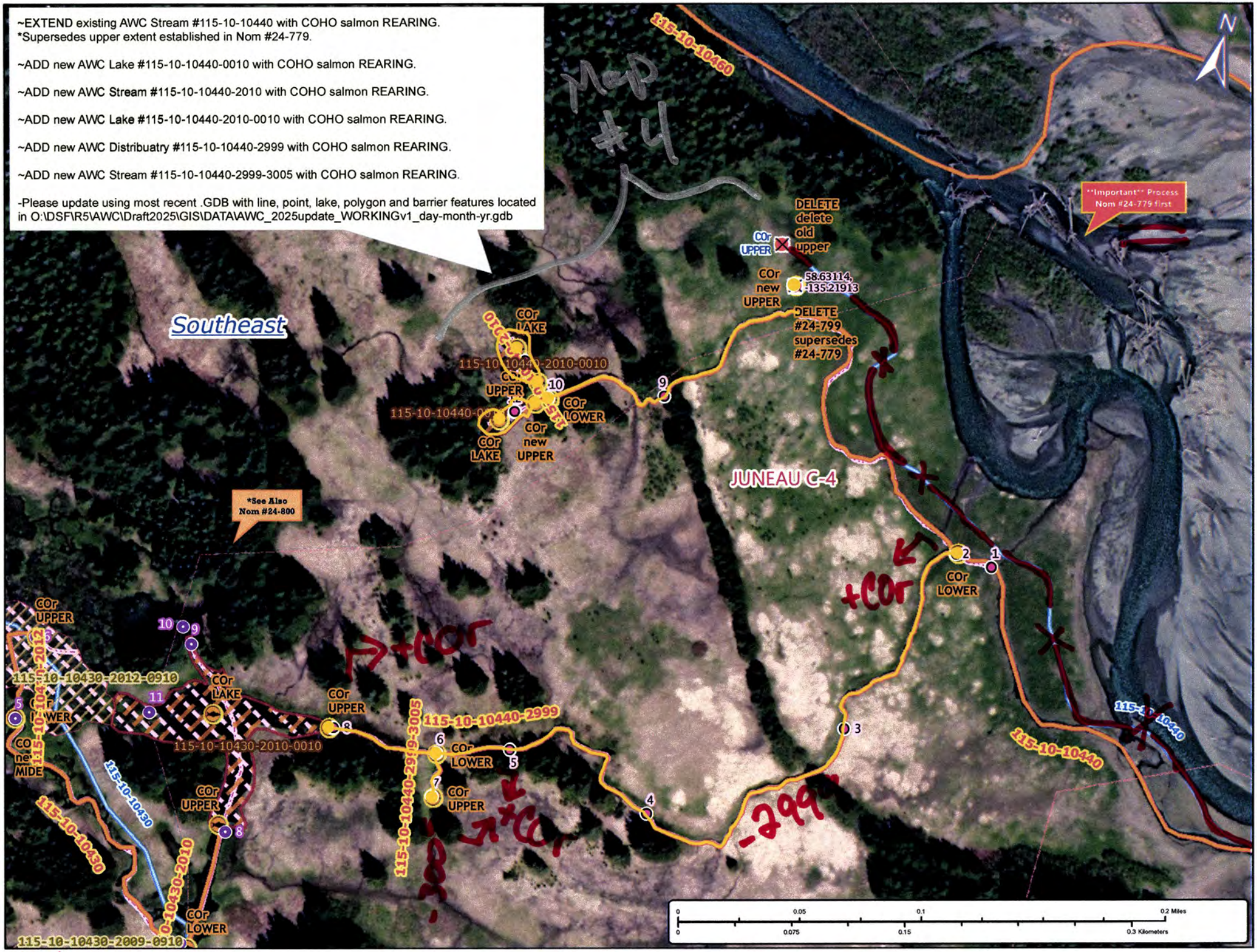
Nom #24-799

Map #1



Nom #24-799

Map #2


~EXTEND existing AWC Stream #115-10-10440 with COHO salmon REARING.
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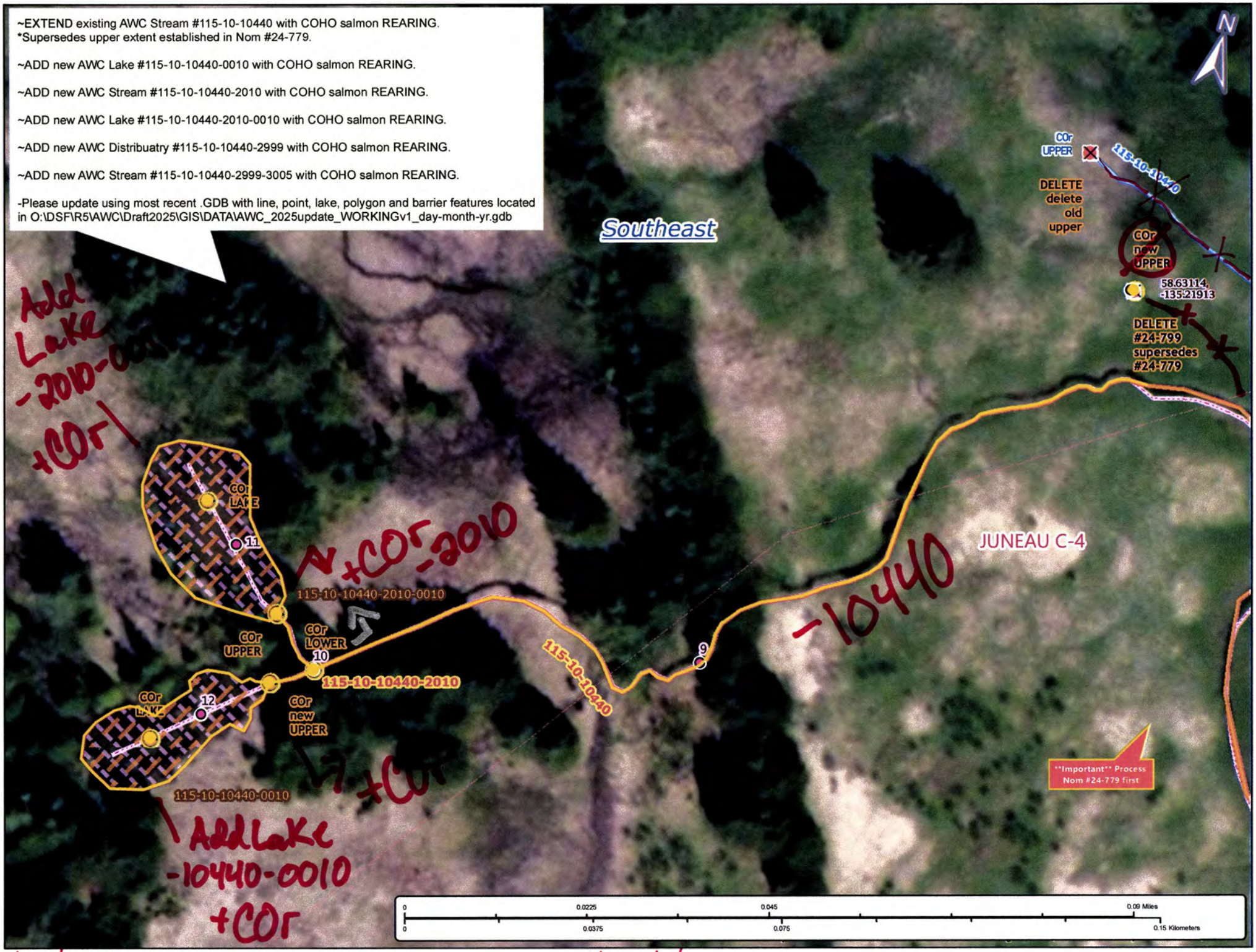
~ADD new AWC Lake #115-10-10440-2010-0010 with COHO salmon REARING.
~ADD new AWC Distribuatry #115-10-10440-2999 with COHO salmon REARING.
~ADD new AWC Stream #115-10-10440-2999-3005 with COHO salmon REARING.
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSF\R5\AWC\Draft2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb
Map #4
115-10-10460
DELETE delete old upper
COr UPPER
COr new UPPER
58.63114, -135.21913
DELETE #24-799 supersedes #24-779
Important Process Nom #24-779 first
Southeast
COr LAKE
115-10-10440-2010-0010
COr UPPER
COr LOWER
COr LAKE
COr new UPPER
JUNEAU C-4
*See Also Nom #24-800
+COr
COr LOWER
COr UPPER
115-10-10430-2012-0910
COr LAKE
115-10-10430-2010-0010
COr UPPER
115-10-10440-2999
115-10-10440-2999-3005
COr LOWER
COr UPPER
115-10-10440
115-10-10430
115-10-10430-2010
COr LOWER
115-10-10430-2009-0910
0 0.05 0.1 0.2 Miles
0 0.075 0.15 0.3 Kilometers
Nom # 24-799
Map #3



Nom #24-799

Map #4