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: 115-10-10430 (-2009 (-0910)); (-2010 (-0010)); (-2012 (-0910))

Name of Water Body: ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☑ Correction ☐ Backup Information

For Office Use

Nomination #: **24-800**

Revision Year: 2025

Revision to: ☑ Atlas ☑ Catalog

Revision Code: C-9, B-6, A-2, A-2d, E-1

Fisheries Scientist	7-30-2024 Date
Habitat Operations Manager	7/24/2024 Date
AWC Project Biologist	15 July 2024 Date
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: A tributary of 115-10-10430 originates from anadromous beaver pond which also has a hydrologic connection to 115-10-10440 (see nomination #24-799).
Coordinates (Lat,Long): Upper(58.630824,-135.230984) Lower(58.627847,-135.228775)

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):

~UPDATE/ADJUST upper hydrography of existing AWC Stream #115-10-10430.

~EXTEND upper reach of COHO salmon REARING in existing AWC Stream #115-10-10430.

~ADD new AWC Stream #115-10-10430-2009 with COHO salmon REARING.

~ADD new AWC Polygon #115-10-10430-2009-0910 with COHO salmon REARING.

~ADD new AWC Stream #115-10-10430-2010 with COHO salmon REARING.

~ADD new AWC Lake #115-10-10430-2010-0010 with COHO salmon REARING.

~ADD new AWC Stream #115-10-10430-2012 with COHO salmon REARING.

~ADD new AWC Polygon #115-10-10430-2012-0910 with COHO salmon REARING.

115-10-10430

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 this stream and tributaries with a GPS, and observed and captured juvenile coho salmon with hand nets and minnow traps. One of the tributaries of 115-10 10430 has an anadromous beaver pond (Waypoint 8, Figure 9) which also shares a hydrologic connection with a tributary of 115-10-10440 (noted in a separate nomination), and is fed in part by a complex anadromous polygon below a second beaver pond – no fish were observed / captured in the upper pond. The polygon (Waypoint 6, Figures 5 and 6) also drains into 115-10-10430 at Waypoint 5. Upstream observations were terminated on 115-10-10430 at a point where we felt mapping the polygon / pond area was a better use of limited time, and the end of the route correction should not be construed as an endpoint of anadromy. Comparison of the 2024 Anadromous Waters Catalog arc and our field-verified stream path for 115-10-10430 suggests a 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.- 115-10-10430 observation locations and notes.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
1	58.627847	-135.228775	Start of obs, 115-10-10430. 6/27/24, Noon. Sky: 50% OVC, high clouds. H_2O temp: 5°C, vis exc. Starting obs at approx endpoint of nom #23-788. Small trib enters RR here. Trib is 1-2m wide, 10-20cm deep, sand/mud substrate, lots of marsh marigolds in channel. Several juv CO observed at mouth. Starting up trib.	VI	5-7 CO
2	58.628255	-135.229104	8-10 juv CO here, 1 netted. Stream ~1m wide, 10-20cm deep, substrate cobble, incised ~50cm - 1m into meadow.	VI HN	8-10 CO 1 CO
3	58.628580	-135.229804	In small (~60mX40m) pond/polygon here, several dozen juv CO seen, 2 netted. Upper (NW) end of pond/poly appears to be fed by a broad seep, no single point source of water. End of obs for this trib, back down to mainstem.	VI HN	30-35 CO 2 CO
4	58.628425	-135.227967	Back on 10430. Fork here, RR appears to be 10430, RL has beaver dam/pond ~70-80m US. Heading up RR (10430).		
5	58.629972	-135.229063	Trib enters 10430 here on RL, a few juv CO seen at confluence. Netting thwarted by vegetation. A few meters up from confluence, tribis ~1m wide, 10-15cm deep, gravel substrate. Heading up this one.	VI	3-4 CO

Table 1.- 115-10-10430 observation locations and notes, continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
6	58.630401	-135.228575	Hydrologic mess. Flow at wpt 5 comes from pond/poly area here, which is fed by a small lake overtopping a beaver dam in several areas. Overtopping flow also drains into beaver pond to east. Dozens of juv CO scattered throughout area all visually ID'd at relatively close range (inside 2m), combination of open water and surface vegetation making netting difficult. Not enough water flow/depth to trap effectively. 1 CO netted here, back down to 10430.	VI HN	25-30 CO 1 CO
7	58.630824	-135.230984	Upper end of obs on 10430 - pond/poly complex provided most flow to 10430, past this point it is <1m wide, shallow, organic substrate. Prioritizing time, back down to wpt 4 to look at other trib.		
8	58.628981	-135.227118	US from wpt 4 on trib, at active beaver dam. Dam is ~1-1.2m high, ~20m wide, water overtopping in many places, many of the alder sticks placed on dam still leafed. Stream below dam is ~8-12m wide, 15-50cm deep, some gravel near areas of flow, mud/muck in still water. 12-15 CO ID'd at close (<2m) range at DS base of dam, 1 netted.	VI HN	12-15 CO 1 CO
9	58.630101	-135.226889	Another BD here, ~1m tall on this channel. Dam extends west ~40m, east ~140+m - this dam holds back pond first noted at wpt 6. Several juv CO seen in this small channel, 2 MT set at DS base of dam, 1hr, 2 CO each trap.	VI MT x2	5-6 CO 4 CO total
10	58.630213	-135.226926	On pond side of BD - Crystal clear water in pond, no fish immediately visible here. 1 MT set on US side in pond, 1hr, no fish.	MT	No Fish
11	58.629785	-135.227572	In E end of pond behind dam at wpt8, at another inlet flow from "upper" pond. Several juv CO seen in vicinity including in "polygon" that drains into lake here, hand netting thwarted by vegetation. Time constraints necessitate stoppage, end of obs for day.	VI	5-7 CO

Figure 1.- Looking up tributary from waypoint 1.

Figure 2.- Looking WNW from near outlet of lower portion of polygon noted at waypoint 3.

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

Figure 4.- Juvenile coho captured at waypoint 6.

Figure 5.- Looking SE from waypoint 6 at largest pond in polygon. Western end of anadromous beaver pond (waypoint 11) is in clearing in upper right quadrant of photo.

Figure 6.- Looking west from waypoint 6 at general flow direction at this point in polygon, 1.77m Dave McK. for scale.

Figure 7.- Beaver dam at waypoint 8.

Figure 8.- Looking SW from waypoint 8 at tributary of 115-10-10430 fed by flow from beaver pond.

Figure 9.- Looking north from waypoint 8 at anadromous beaver pond.

Figure 10.- Juvenile coho captured in a minnow trap set at waypoint 9.

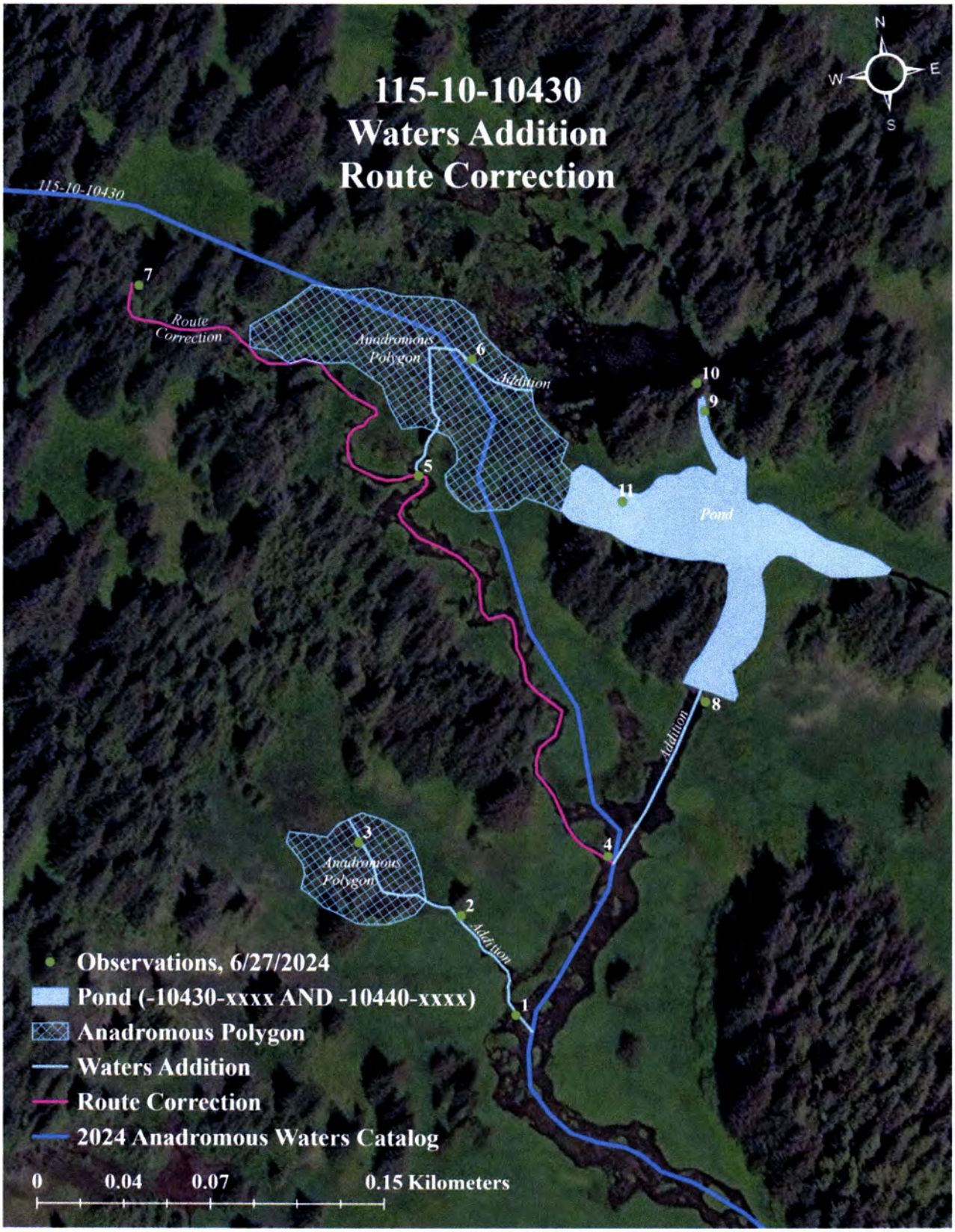
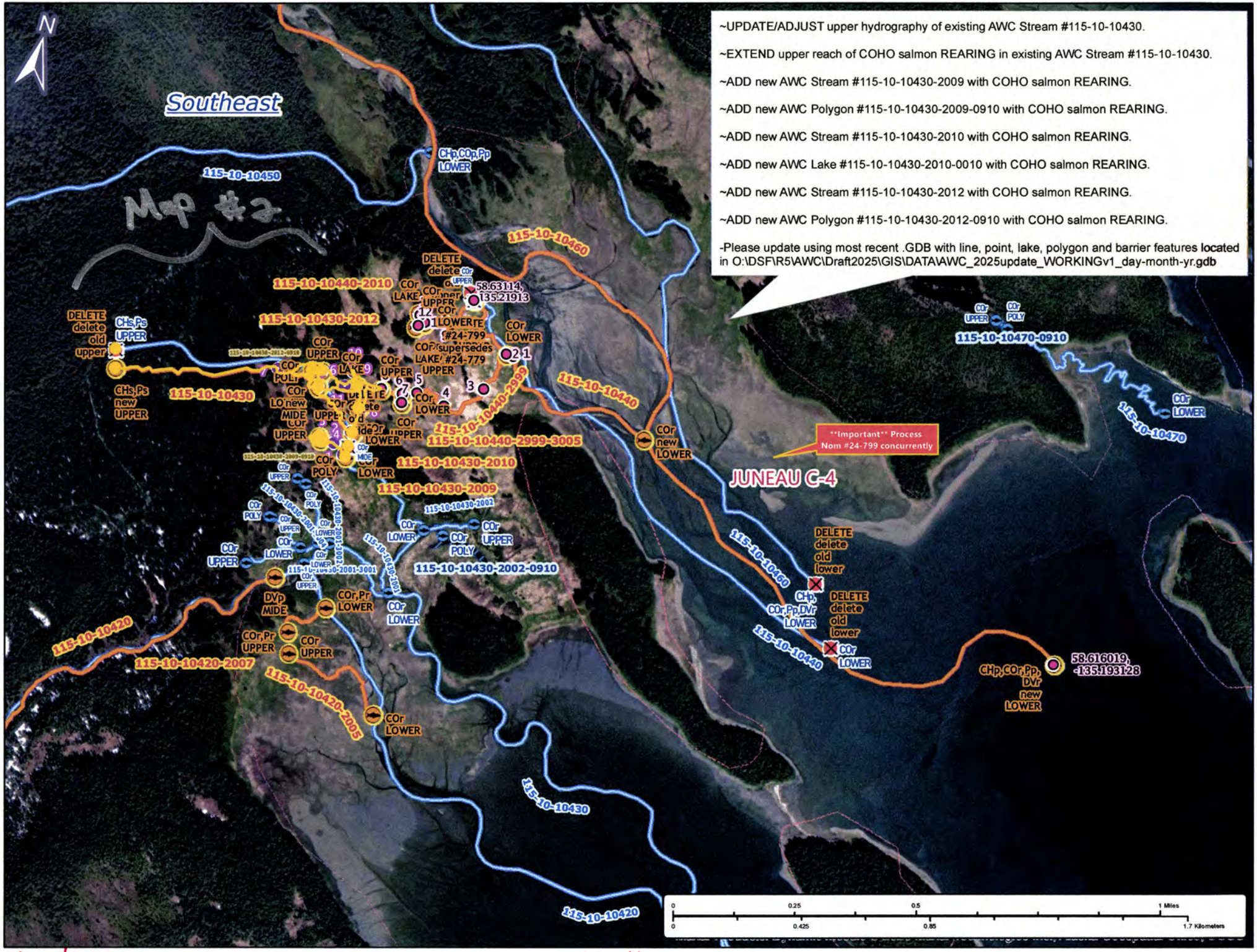
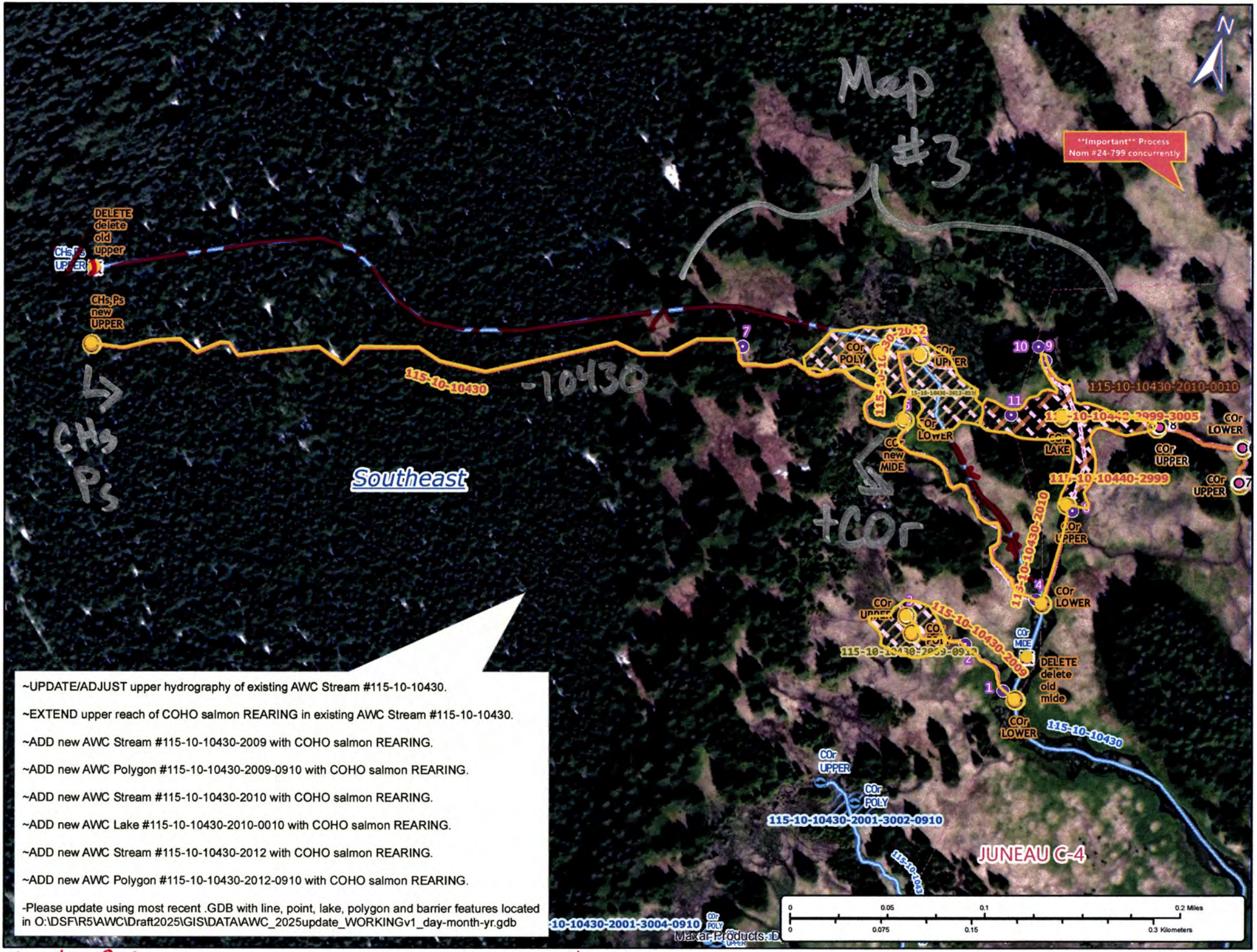


Figure 11.- Map of 115-10-10430 showing observation locations, waters additions, and route correction.



Nom #24-800

Map #1



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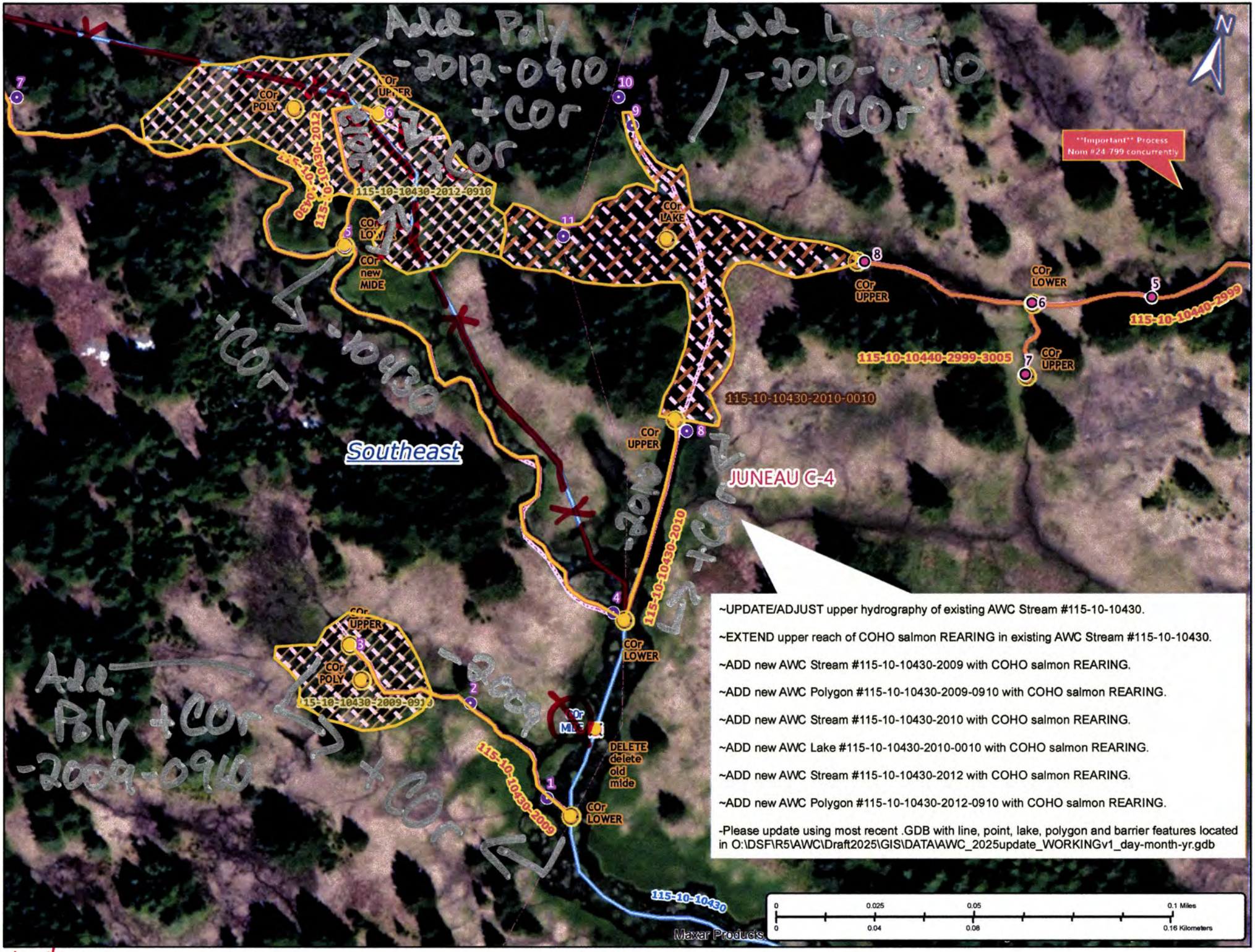
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSF\R5\AWC\Draft2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb

Nom #24-800

Map #2



Nom #24-800

Map #3