State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southeastern

USGS Quad(s): TAKU RIVER A-5, A-6

Anadromous Waters Catalog Number of Water Body: 111-33-10300 (-2020) (-0010)

Name of Water Body: Speel River ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☑ Correction ☐ Backup Information

For Office Use

Nomination #: 24-782

Revision Year: 2025

Revision to: ☑ Atlas ☑ Catalog

Revision Code: C-9, B-1

Adam Reimer — Fisheries Scientist	6-19-2024 — Date
Ron Benkert — Habitat Operations Manager	6-19-2024 — Date
[signature] — AWC Project Biologist	5 June 2024 — Date
[signature] — GIS Analyst	6/21/2024 — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Steelhead trout	05/23/2024	✓		✓	✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

Observation locations, notes, and photos in attached pdf, geospatial data in attached zipfiles.
Coordinates (Lat,Long): Upper(58.190102,-133.572414) Lower(58.124210,-133.715729)

Name of Observer (please print): Mark Hieronymus

Signature: 10.231.39.10 (Web Nomination) Date: 05/29/2024

Agency: Trout Unlimited - AK

Address: PO Box 20881

Juneau, AK 99802

~UPDATE/ADJUST hydrography and corresponding stream points of existing AWC Stream #111-33-10300 "Speel River".

~ADD new species STEELHEAD trout PRESENT to existing AWC Stream #111-33-10300 "Speel River".

~UPDATE/ADJUST hydrography and corresponding stream points of existing AWC Stream #111-33-10300-2020.

~ADD new species STEELHEAD trout SPAWNING and PRESENT to existing AWC Stream #111-33-10300-2020.

~UPDATE/ADJUST hydrography boundary of existing AWC Lake #111-33-10300-2020-0010.

111-33-10300-2020

Species Addition / Route Correction

Water Body Name:
Species & Lifestage Observed: SHps, RBTp
Observation Date: 05/23/2024
Observers: Mark Hieronymus, Tyson Fick

HUC12: 190102060507 / 190102060702
MTR: C043S071E / C043S072E / C042S072E
Quad: Taku River A-5 / A-6

Observations: We walked this stream from its confluence with 111-33-30300 to a point approximately 2km upstream with a GPS and sportfishing equipment and observed adult steelhead and resident rainbow trout. Many of the steelhead were paired on redds, and nearly all resident rainbow trout observed were in close proximity to these redded fish. During the course of observations, comparison of our GPS-derived stream line and the 2023 AWC arcs for 111-33-10300 and 111-33-10300-2020 suggests route corrections are needed for both streams. Observation locations and notes are in Table 1, fish, feature, and satellite imagery photos and a pair of maps showing observation locations and route corrections are in Figures 1-9.

Table 1.- 111-33-30300-2020 observation locations and notes.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
1	58.177965	-133.592632	Confluence of 111-33-10300 and 111-33-10300-2020. 5/23/24, 815am. Obs: MH, TF. H_20 Temp: 5.9°C H_20 Tannic, vis ~1.5-2m. 100% low OVC, R. Starting US Obs.		
2	58.181686	-133.583920	3 Adult SH on redd here, a pair and a single. 2 resident rainbow trout visible near redd as well. Pair spooked downstream after photo.	Visual	3 SH 2 RBT
3	58.182221	-133.583300	2 adult SH flushed from cover, advanced into deep pool, unable to relocate. Hooked and landed 1 resident RBT from pool, 15"-17", no pic.	Visual Hook and Line	2 SH 1 RBT
4	58.187235	-133.577993	4 adult SH on what appears to be one large redd - fish were paired when first observed. 3 RBT seen in redd area as well.	Visual	4 SH 3 RBT
5	58.189109	-133.574505	1 adult SH flushed downstream from here, unable to relocate. No pic.	Visual	1 SH
6	58.190102	-133.572414	2 adult SH in pool, spooked into downed tree and other LWD while trying to photograph. Above DIPAC weir here, close to lake - stream slows and becomes more slough-like. US end of obs.	Visual	2 SH

Figure 1.- Looking downstream at waypoint 1, with 111-33-10300-2020 entering a side channel of 111-33-10300 from viewer's left.

Figure 2.- Looking upstream at confluence of 111-33-10300-2020 with a side channel of 111-33-10300, waypoint 1.

Figure 3.- Looking upstream at 111-33-10300-2020 from waypoint 1, with 1.88m Tyson F. for scale.

Figure 4.- A pair of adult steelhead on a redd at waypoint 2. Red arrows point at fish.

Figure 5.- A pair of adult steelhead flushed from cover at waypoint 3.

Figure 6.- Four adult steelhead on a large redd at waypoint 3. Red arrow points to steelhead partially obscured by branch in foreground.

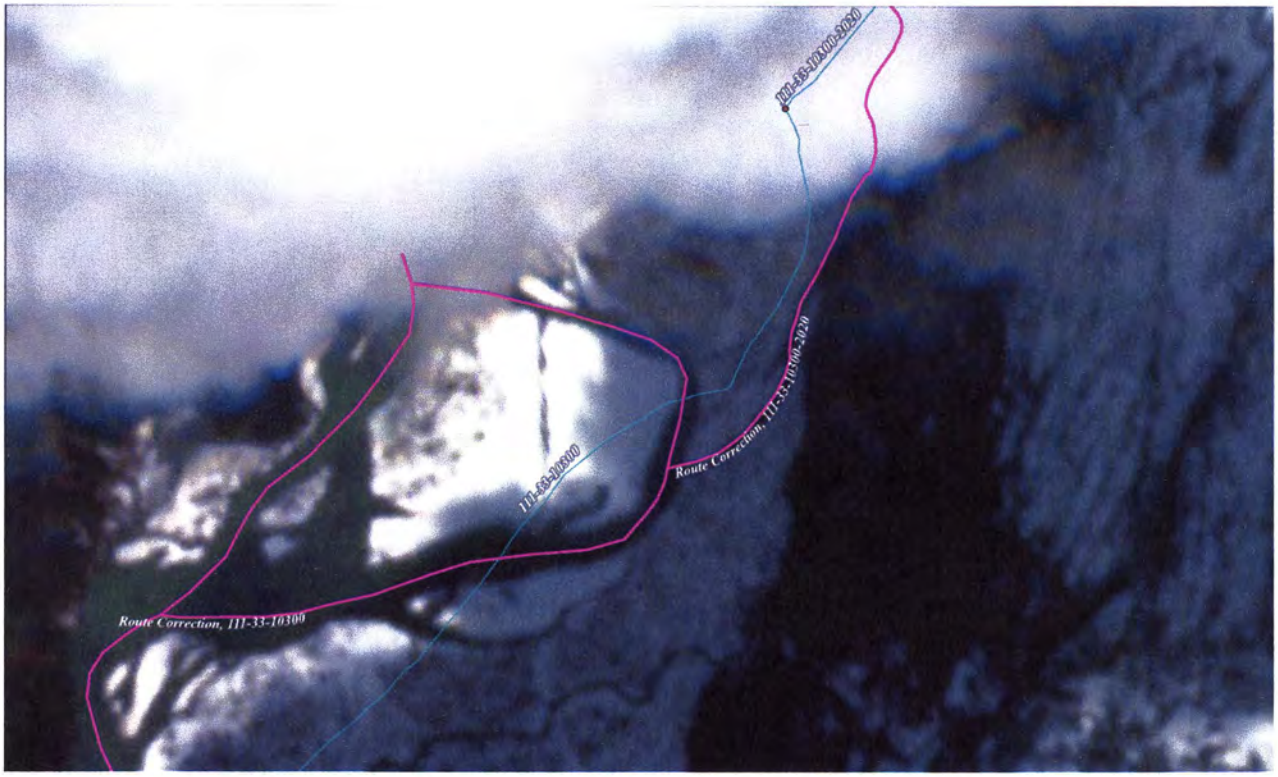


Figure 7.- Satellite imagery (Sentinel-2 L2A) from May 10th, 2024 showing observed channels of 111-33-10300 relative to the observed confluence of 111-33-10300-2020.

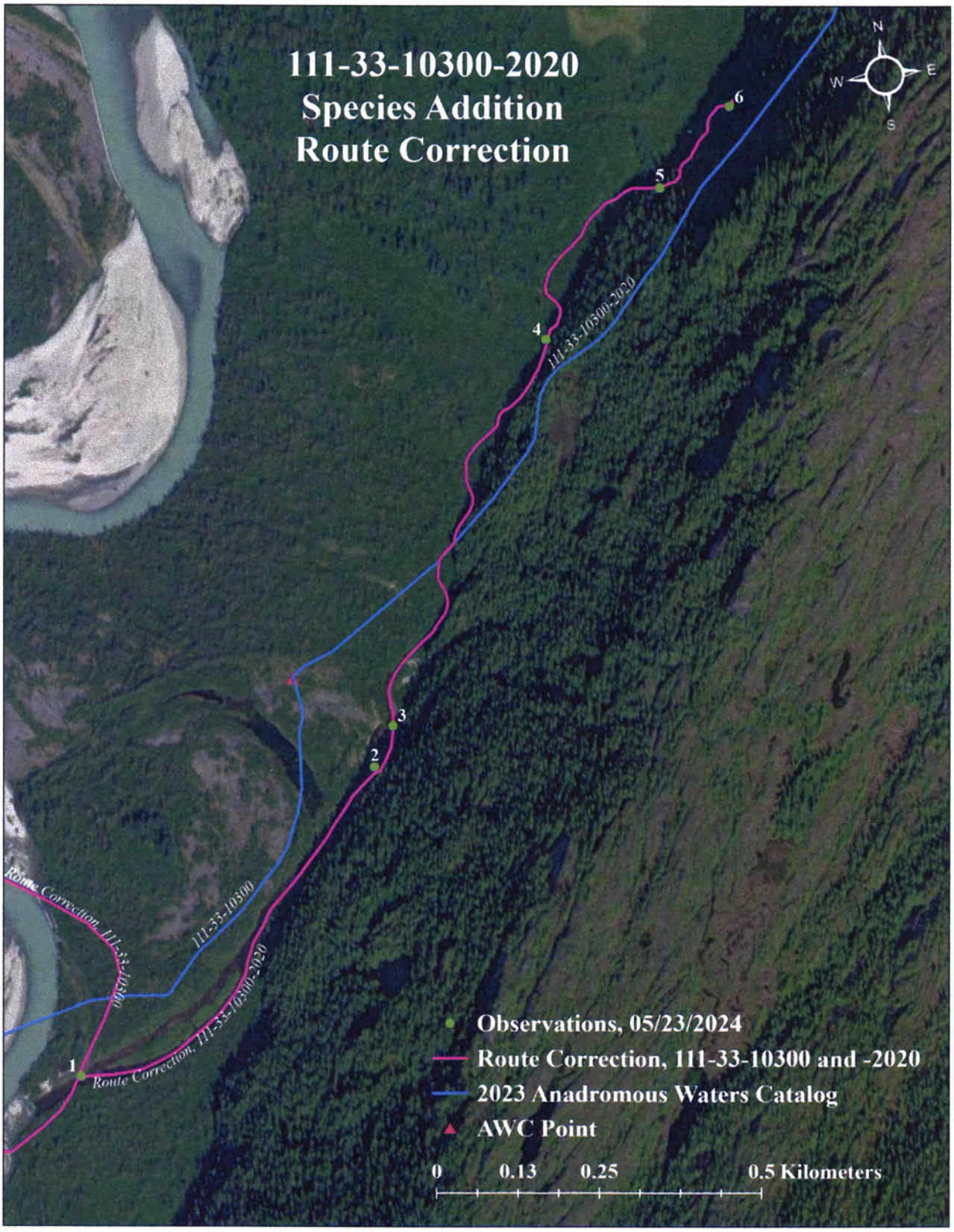


Figure 8.- A map of 111-33-10300-2020 showing observation locations and route correction.

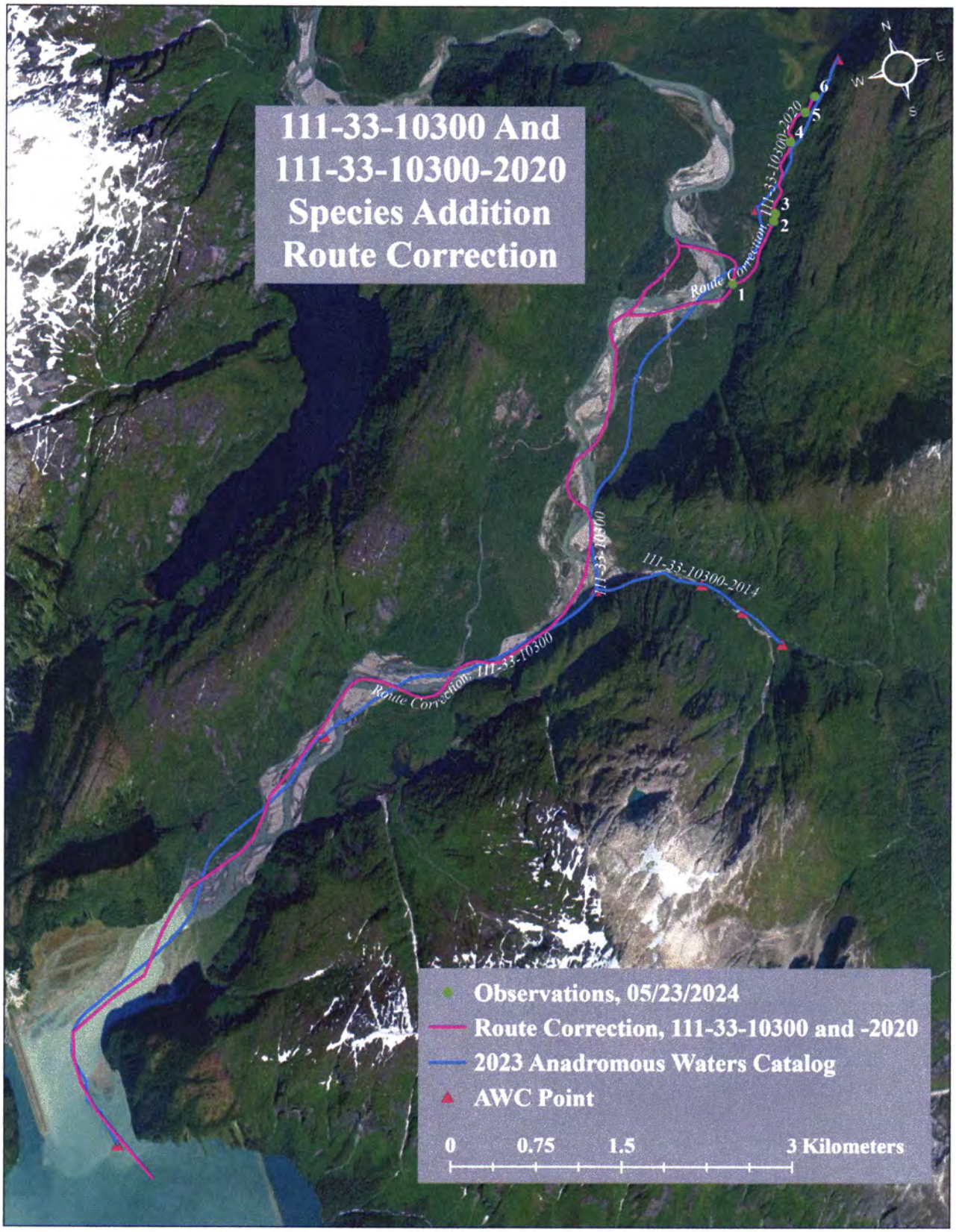
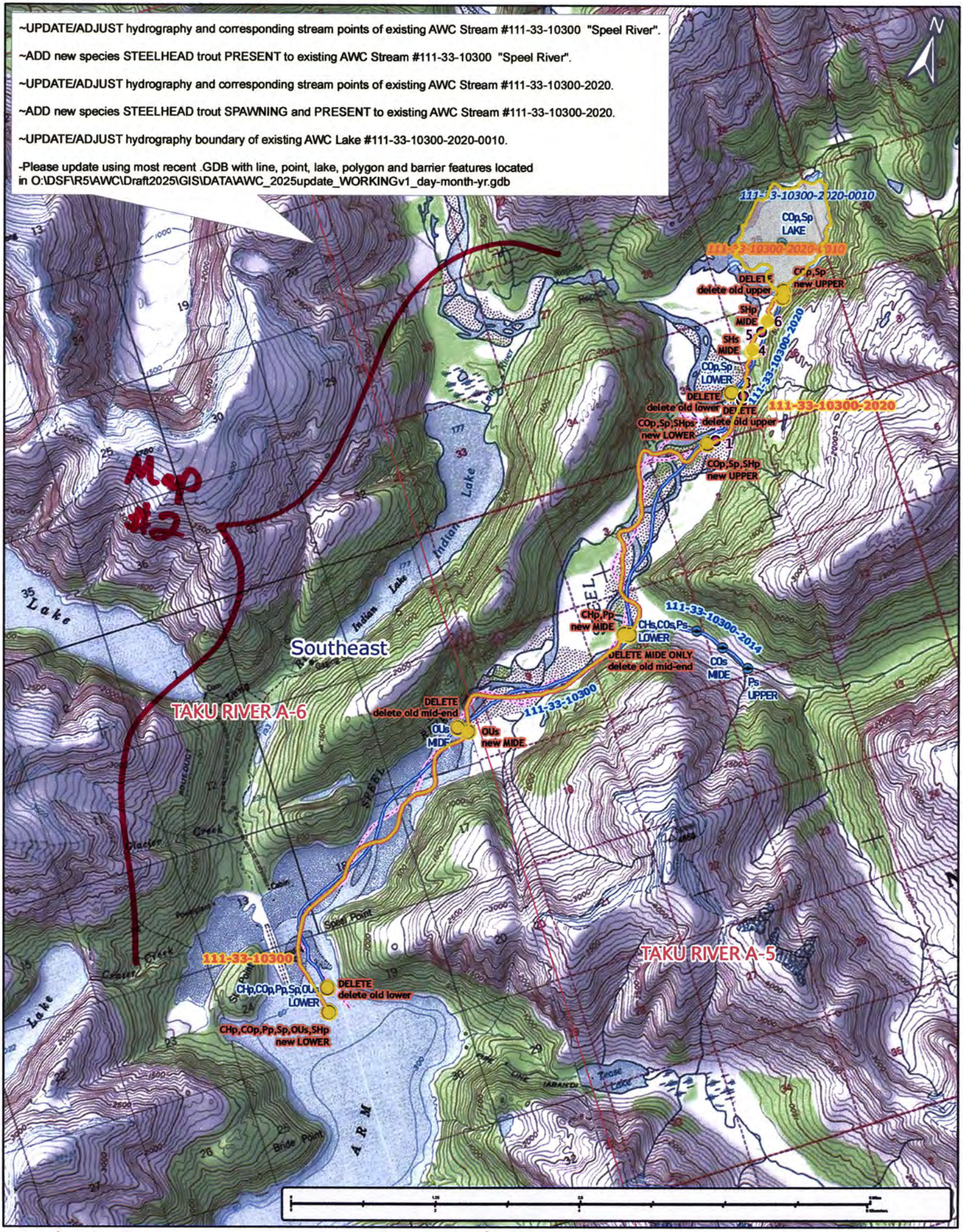


Figure 9.- A map of 111-33-10300 and 111-33-10300-2020 showing observation locations and route corrections.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~UPDATE/ADJUST hydrography boundary of existing AWC Lake #111-33-10300-2020-0010.
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSF\R5\AWC\Draft2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb
111-33-10300-2020-0010
COp,Sp LAKE
111-33-10300-2020-0010
DELETE delete old upper
COp,Sp new UPPER
SHp MIDE
SHs MIDE
COp,Sp LOWER
DELETE delete old lower
DELETE delete old upper
111-33-10300-2020
COp,Sp,SHps new LOWER
COp,Sp,SHp new UPPER
111-33-10300-2020
CHp,Pp new MIDE
CHs,COs,Ps LOWER
DELETE MIDE ONLY delete old mid-end
COs MIDE
Ps UPPER
111-33-10300-2014
DELETE delete old mid-end
OUs MIDE
OUs new MIDE
111-33-10300
111-33-10300
DELETE delete old lower
CHp,COp,Pp,Sp,OUs LOWER
CHp,COp,Pp,Sp,OUs,SHp new LOWER
Map #2
Southeast
TAKU RIVER A-6
TAKU RIVER A-5
Indian Lake
Speel Point
Bride Point
ARM
Lake
Creek
Glacier
Map #1

Nom #24-782

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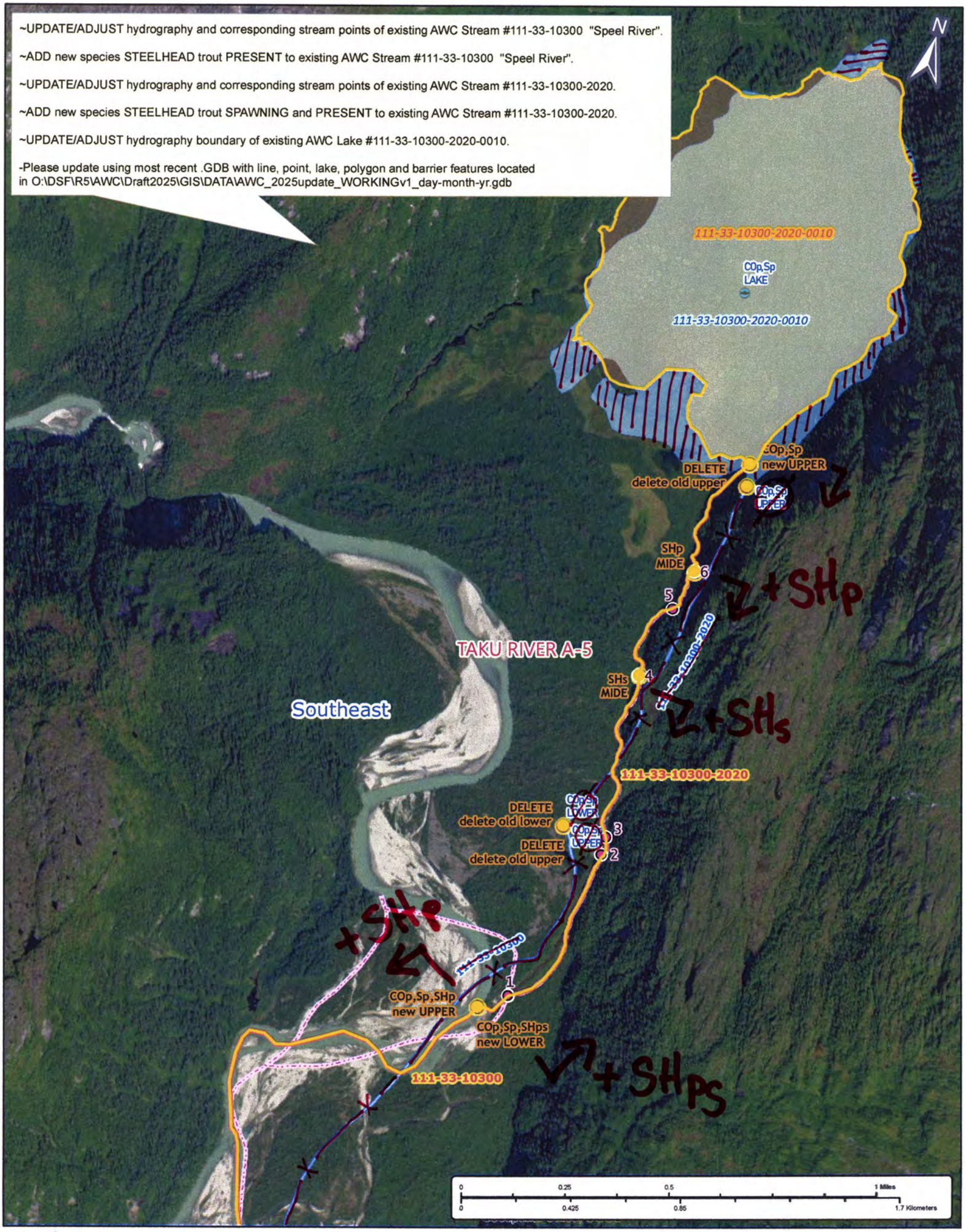
N
111-33-10300-2020-0010
COp,Sp LAKE
COp Sp new UPPER
DELETE delete old upper
111-33-10300-2020
SHp MIDE
SHs MIDE
DELETE delete old upper
DELETE delete old lower
COp,Sp,SHps new LOWER
111-33-10300-2020
COp,Sp,SHp new UPPER
TAKU RIVER A-5
CHp,Pp new MIDE
111-33-10300-2014
CHs,COs,Ps LOWER
CHs MIDE
COs MIDE
Ps UPPER
DELETE MIDE ONLY delete old mid-end
111-33-10300
111-33-10300
Southeast
DELETE delete old mid-end
OUs new MIDE
TAKU RIVER A-6
DELETE delete old lower
CHp,COp,Pp,Sp,OUs,SHp new LOWER
+SHps
+SHp
+SHp
+SHp
Map #3
Map #2
Nom #24-782



Nom #24-782

Map #3