State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): GULKANA D-4, D-5

Anadromous Waters Catalog Number of Water Body: 212-20-10080-2461-3171 – 4041 (-4999)

Name of Water Body: *Little Rainbow Creek (and distributary), Gulkana River ☑ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☑ Backup Information

For Office Use

Nomination #: **24-958**

Revision Year: 2025

Revision to: ☑ Atlas ☑ Catalog

Revision Code: A-2, E-12, F-1

Adam Kern — Fisheries Scientist	12-31-2024 — Date
Habitat Operations Manager	12/10/2024 — Date
AWC Project Biologist	4 Dec 2024 — Date
GIS Analyst	1/3/25 — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
chinook salmon	07/10/2024		✓	✓	✓
sockeye salmon	07/10/2024	✓			✓
Steelhead trout	07/10/2024		✓		✓

~ADD new AWC Stream #212-20-10080-2461-3171-4041 "*Little Rainbow Creek" with CHINOOK salmon REARING and STEELHEAD trout PRESENT and REARING.

~ADD new AWC distributary #212-20-10080-2461-3171-4999 "*Little Rainbow Creek (Distributary)" with CHINOOK salmon and STEELHEAD trout REARING.

Comments:

See observer comments on enclosed data sheets for FSCB23-21A01 and FSCB23-21A03.
Coordinates (Lat,Long): Upper(62.877955,-145.99495) Lower(62.91906,-145.93576)

**Observations in this nomination also provide back-up supporting information on Sockeye Salmon spawning and Chinook Salmon presence in existing AWC Stream #212-20-10080-2461-3171 "Gulkana River".*

Name of Observer (please print): Charles Cathcart

Signature: 10.231.39.10 (Web Nomination) Date: 10/10/2024

Agency: ADFG

Address: 333 Raspberry Road

Anchorage, AK 99518

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):

State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central

USGS Quad: Gulkana D-4, D-5

Anadromous Waters Catalog Number of Waterway: 212-20-10080-2461-3171 -4041 (-4999)

Name of Waterway: *Little Rainbow Creek (and distributary); Gulkana River ☑ USGS Name ☑ Local Name

☑ **Addition** ☐ **Deletion** ☐ **Correction** ☑ **Backup Information**

For Office Use

Nomination # 24-958

Revision Year: 2025

Revision to: Atlas _____ Catalog _____ Both X

Revision Code: A-2, E-12, F-1

Fisheries Scientist	Date
Habitat Operations Manager	Date
AWC Project Biologist	Date
GIS Analyst	Date

Site Information **Station:** FSCB2321A01 **Date Observed:** 7/10/2024 **Legal Desc.:**

21A01

	Latitude:	Longitude:	Datum:
Up Stream	62.91673	-145.93929	WGS84
Down Stream	62.91906	-145.93576	WGS84

Station Comments: Tributary to Middle Fork Gulkana River Channel bifurcates at mouth, possibly due to long term beaver activity. Channel bifurcated at upper waypoint. Other channel is in nomination

Life History: Anadromous

Species\LifeStage: sockeye salmon adult spawning	**Sampling Method (No. of fish):** VOG (3)
Species\LifeStage: Chinook salmon adult	**Sampling Method (No. of fish):** VOG (2)
Species\LifeStage: steelhead juvenile	**Sampling Method (No. of fish):** PEF (5)
Species\LifeStage: Chinook salmon juvenile	**Sampling Method (No. of fish):** PEF (448)

Life History: Resident

Species\LifeStage: Arctic grayling adult	**Sampling Method (No. of fish):** PEF (1)
Species\LifeStage: slimy sculpin juvenile/adult	**Sampling Method (No. of fish):** PEF (12)

Key to Sample Method

(VOG) Visual Observation, Ground (PEF) Backpack Electrofisher

Add juvenile Chinook salmon and juvenile steelhead/rainbow trout rearing to Little Rainbow Creek. Channel bifurcates at waypoint 20A01UP and enters Middle Fork Gulkana River at points 21A01DN and 20A01DN2. Channel 1 flowed through a forest and had multiple Chinook salmon sampled between waypoints 1474 and 1476 and in Channel 2 between waypoints 1478 and 1482 with the smallest Chinook juveniles avg ~30-35 mm. Steelhead/[redacted] trout juveniles were caught at waypoints 1475 and 1477 in Channel 1 and at waypoint 1480 in Channel 2. Two adult Chinook salmon and three spawning adult sockeye salmon (2 males, 1 female on a redd) seen in Middle Fork Gulkana River near mouth of Channel 2 of Little Rainbow Creek.

Additional Comments: Two sites were used to create this nomination: 21A01 and 21A03. Add juvenile Chinook salmon and juvenile steelhead rearing to Little Rainbow Creek. Extend juvenile Chinook salmon to waypoint. Include multi-channel mouth hydrography where channel bifurcates at upstream point 20A01UP (N 62.916727, W -145.939294) and enters Middle Fork Gulkana River at points 21A01DN (N 62.919057, W -145.935763) and 20A01DN2 (N 62.919795, W-145.940276).Channel 1 flowed through a forest and had multiple Chinook

Name of Observer: Nate Cathcart, Habitat Biologist II Phone: (907) 267-2238 Date Printed: 12/4/2024

Signature: _____

Address: Alaska Dept. of Fish & Game, Sport Fish - RTS
333 Raspberry Road
Anchorage, AK 99518

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:** _____

State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central **USGS Quad:** Gulkana D-4, D-5

Anadromous Waters Catalog Number of Waterway: 212-20-10080-2461-3171 – 4041

Name of Waterway: * Little Rainbow Creek ☐ **USGS Name** ☑ **Local Name**

☑ **Addition** ☐ **Deletion** ☐ **Correction** ☐ **Backup Information**

For Office Use

Nomination # 24-958

Revision Year: 2025

Revision to: **Atlas** _____ **Catalog** _____ **Both** X

Revision Code: A-2

Fisheries Scientist	**Date**
Habitat Operations Manager	**Date**
AWC Project Biologist	**Date**
GIS Analyst	**Date**

Site Information **Station:** FSCB2321A03 **Date Observed:** 7/10/2024 **Legal Desc.:**

21A03

	Latitude:	Longitude:	Datum:
Up Stream	62.87796	-145.99495	WGS84
Down Stream	62.87875	-145.99551	WGS84

Station Comments: Tributary to Middle Fork Gulkana River

Life History: Anadromous
Species\LifeStage: steelhead juvenile **Sampling Method (No. of fish):** PEF (10)

Life History: Resident
Species\LifeStage: slimy sculpin juvenile **Sampling Method (No. of fish):** PEF (5)

Key to Sample Method

(PEF) Backpack Electrofisher

Additional Comments: Extend juvenile steelhead/[redacted] trout rearing to waypoint 20A03 (N 62.877955, W -145.99495). 10 juvenile steelhead/rainbow trout were caught while backpack electrofishing between that upper waypoint and a downstream point at 21A03DN.

Name of Observer: Nate Cathcart, Habitat Biologist II Phone: (907) 267-2238 Date Printed: 12/4/2024

Signature: _____

Address: Alaska Dept. Fish & Game, Sport Fish - RTS
333 Raspberry Road
Anchorage, AK 99518

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:** _____

FSCB23 – 21A01–Little Rainbow Creek

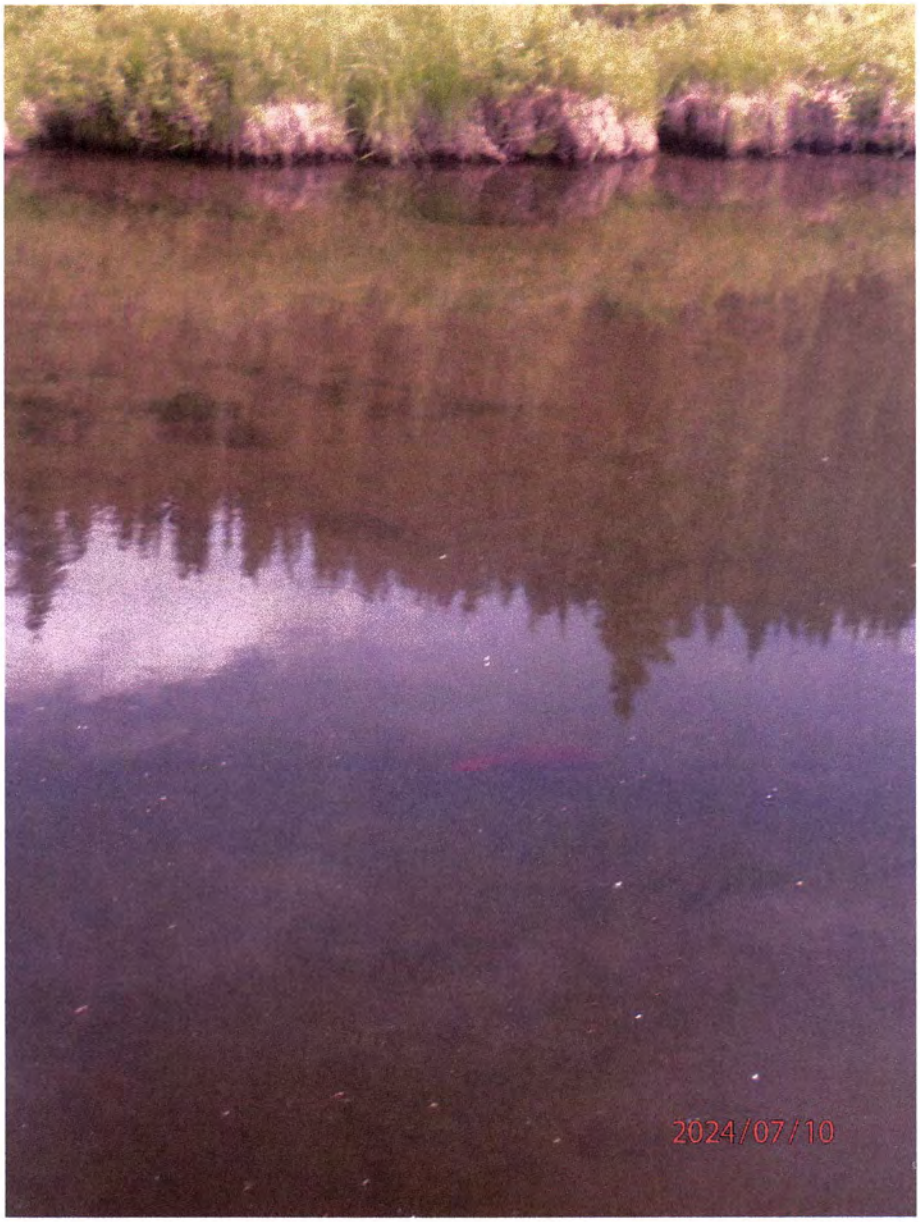
FSCB23 – 21A01–Little Rainbow Creek

FSCB23 – 21A01–Little Rainbow Creek

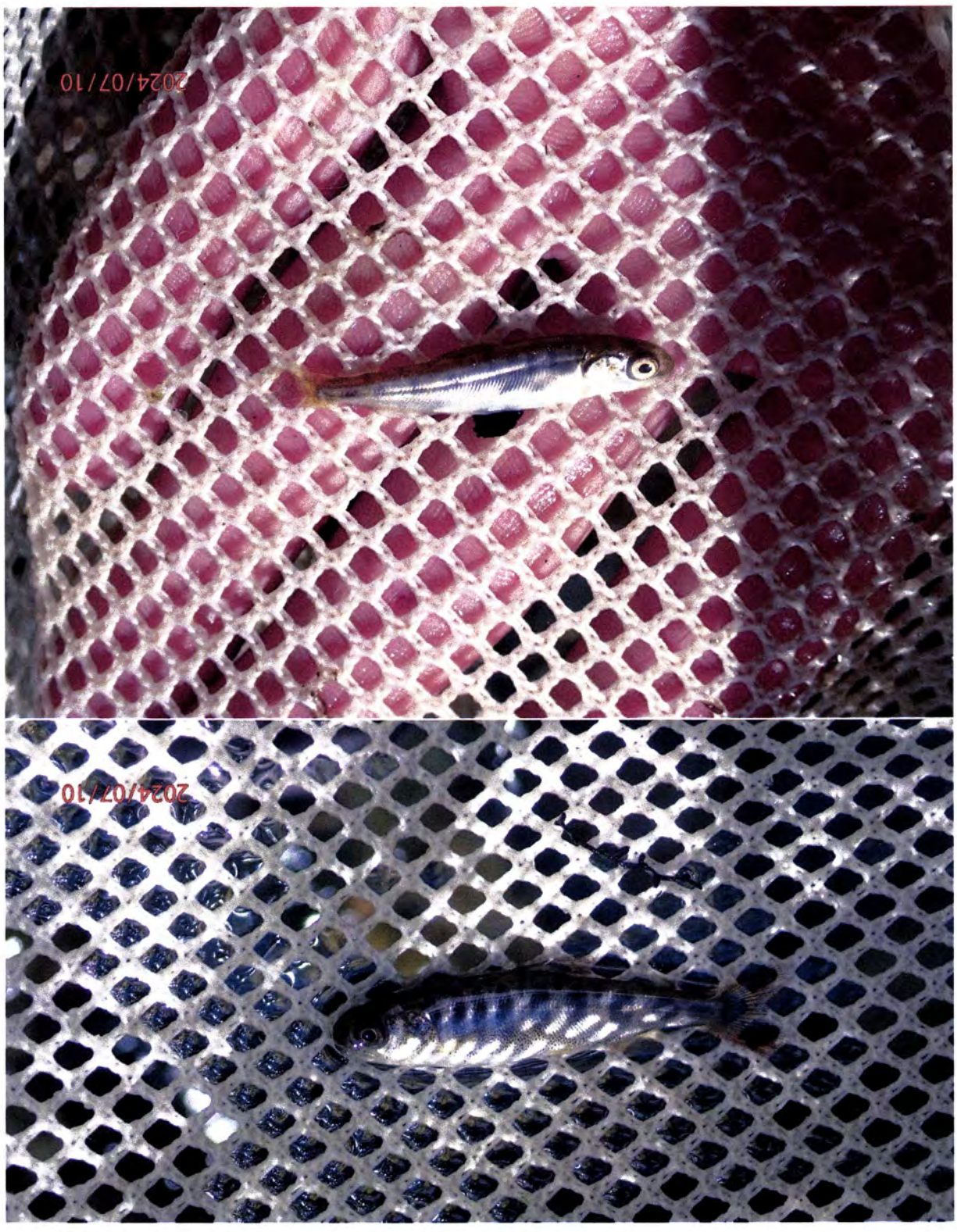
FSCB23 – 21A01–Little Rainbow Creek

FSCB23 – 21A01–Little Rainbow Creek

FSCB23 – 21A01–Little Rainbow Creek



FSCB23 – 21A01–Little Rainbow Creek



FSCB23 – 21A01–Little Rainbow Creek

FSCB23 – 21A01–Little Rainbow Creek

FSCB23 – 21A01–Little Rainbow Creek

FSCB23 – 21A03–Little Rainbow Creek

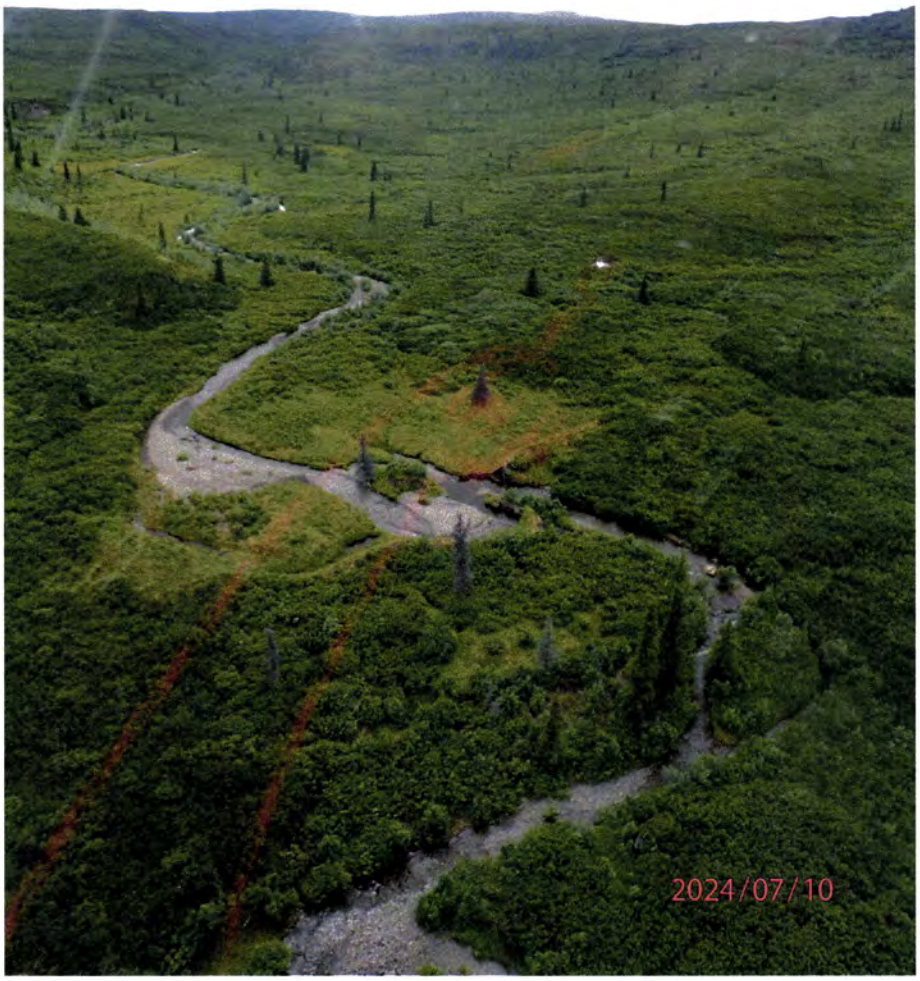
Should be 21A03

FSCB23 – 21A03–Little Rainbow Creek

FSCB23 – 21A03–Little Rainbow Creek

FSCB23 – 21A03–Little Rainbow Creek

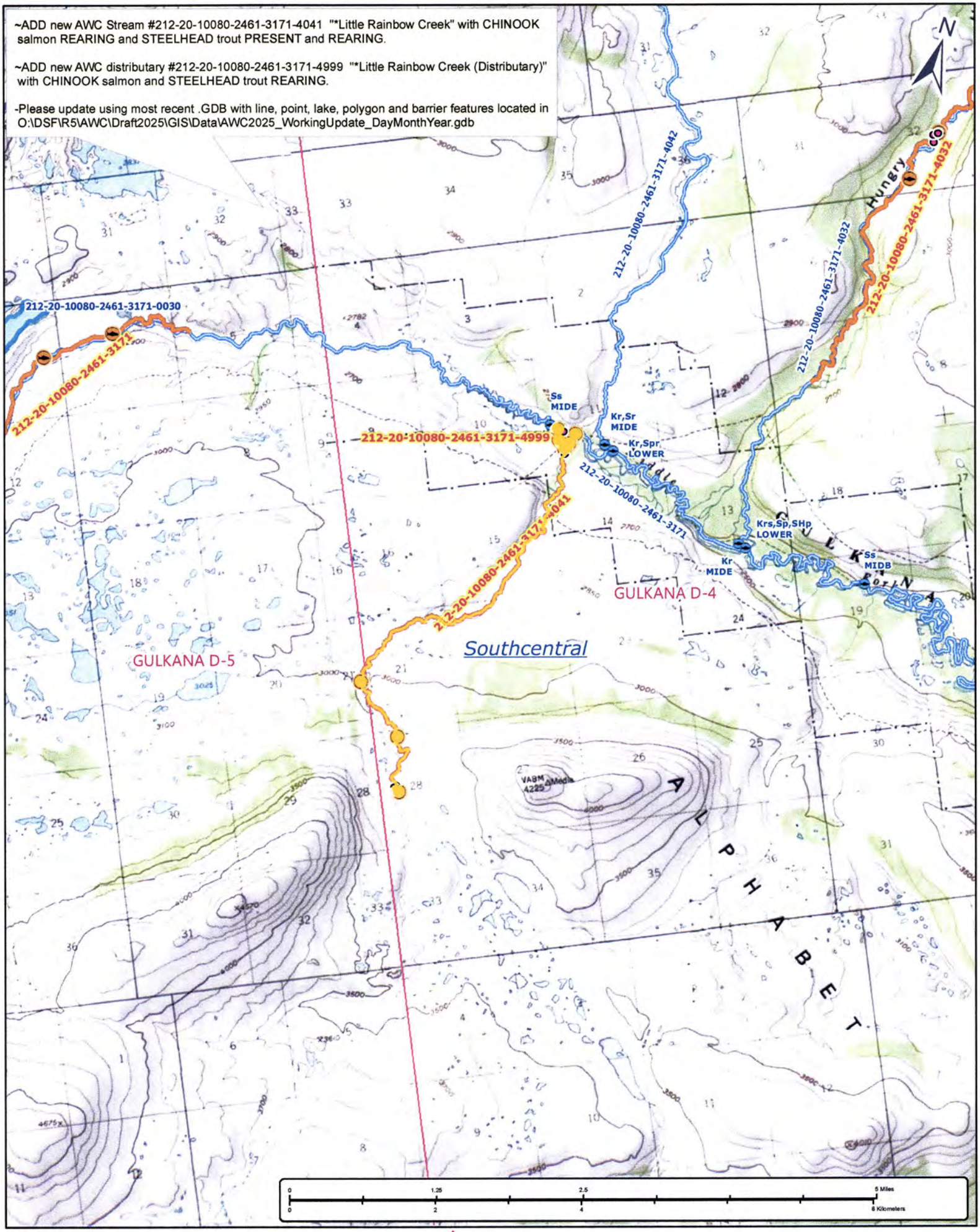
FSCB23 – 21A03–Little Rainbow Creek



FSCB23 – 21A03–Little Rainbow Creek

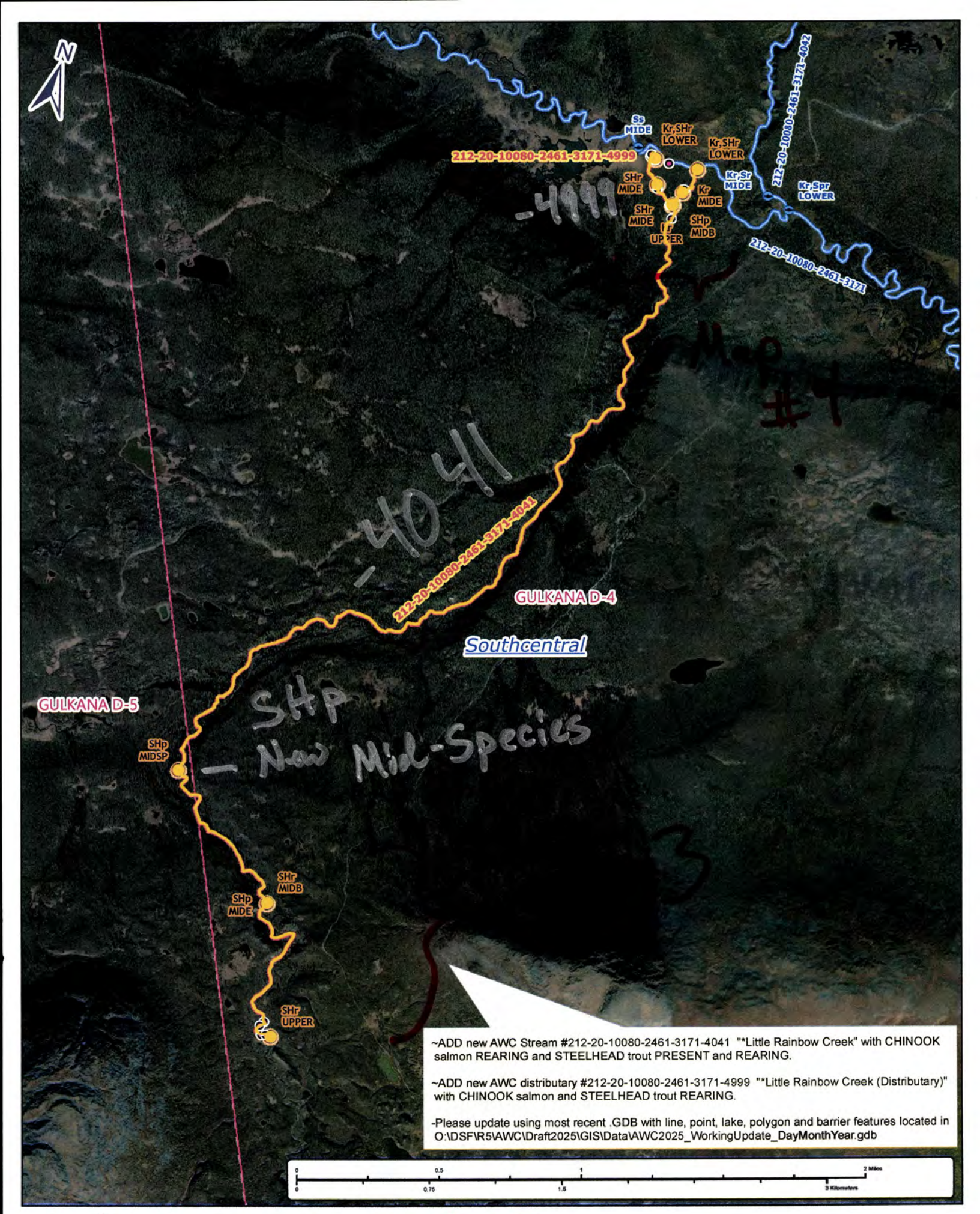
FSCB23 – 21A03–Little Rainbow Creek

FSCB23 – 21A03–Little Rainbow Creek

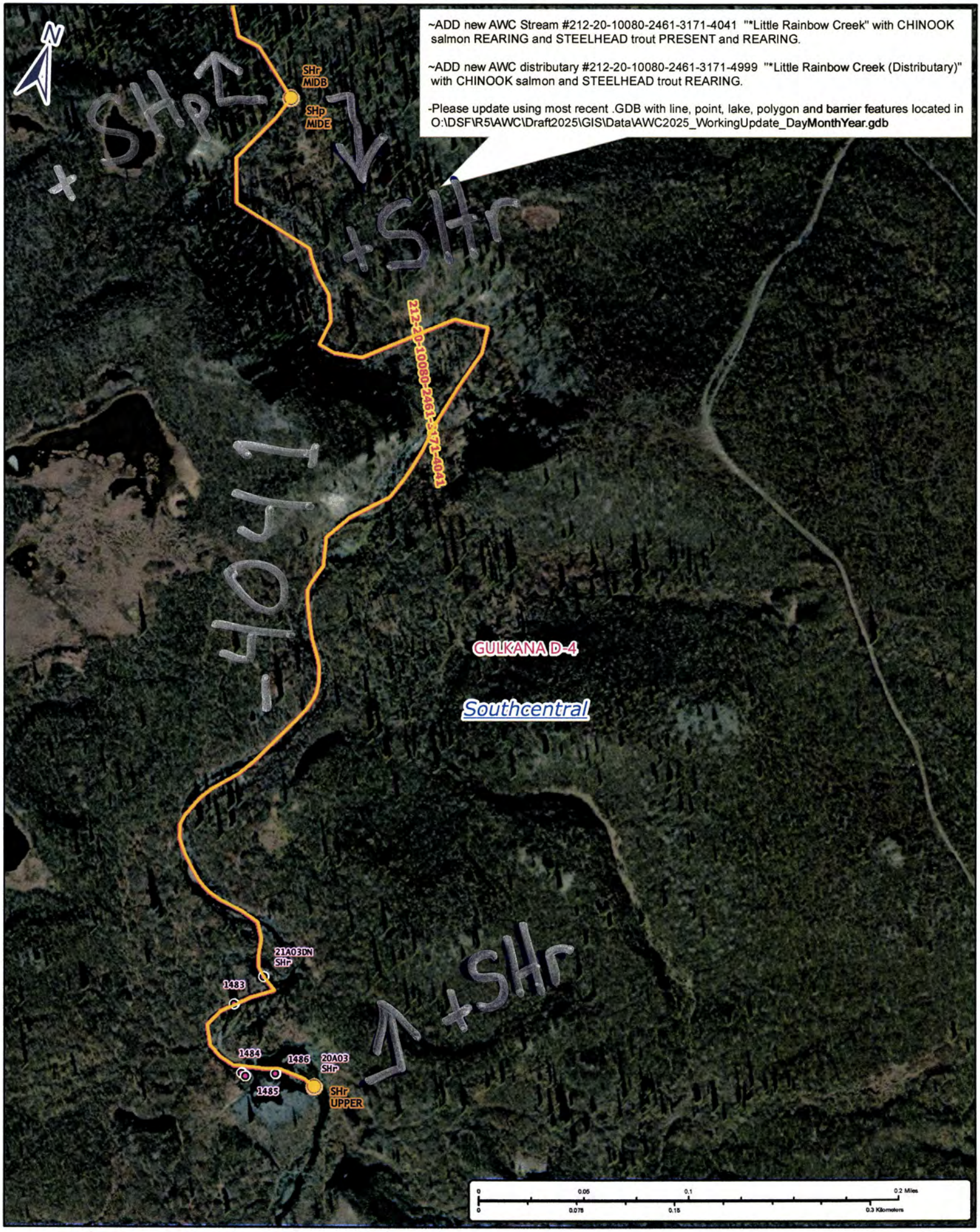


Nom #24-958

Map #1

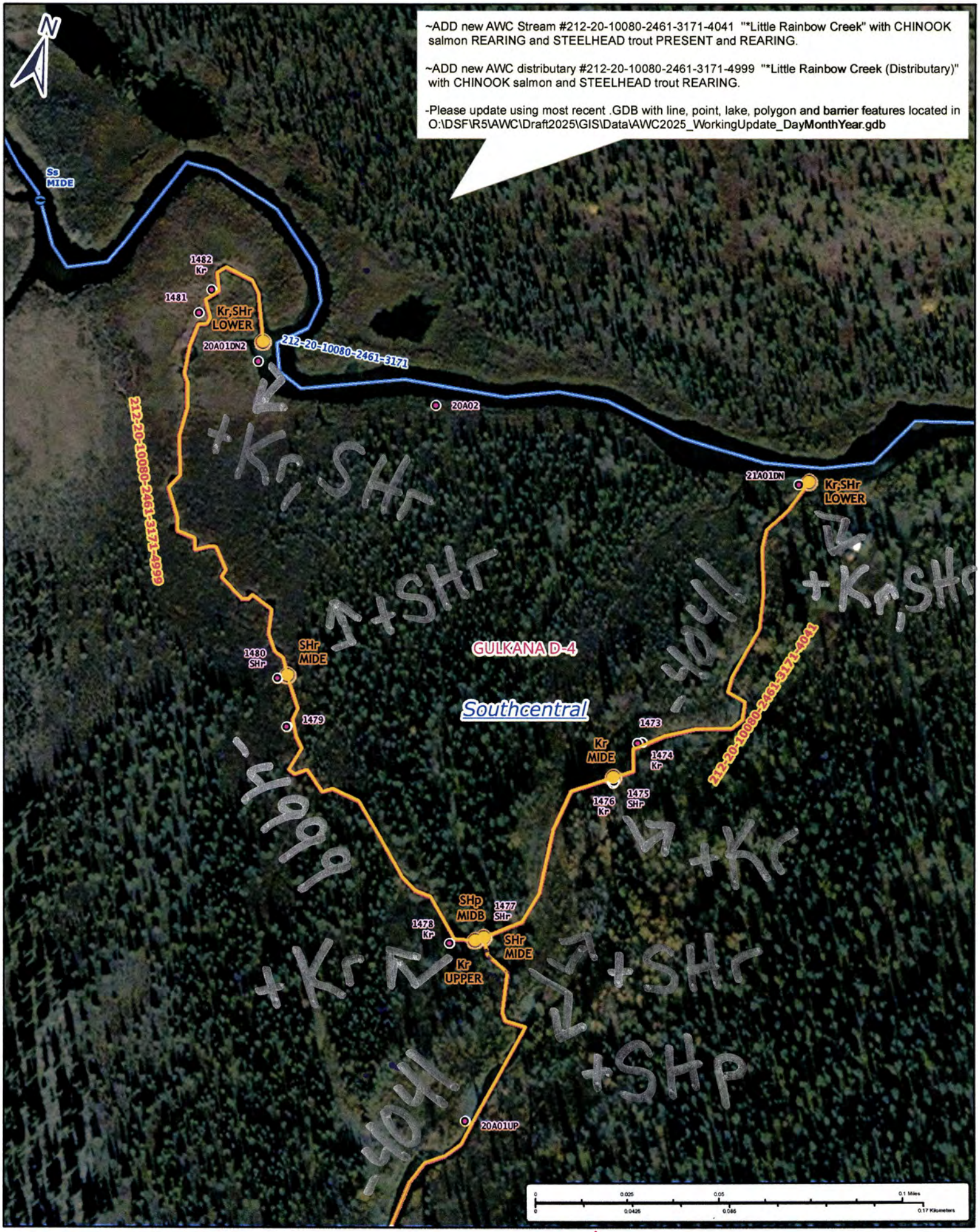


Nom #24-958 - Map #2



Nom # 24-958

Map #3



Nom #24-958

Map #4