



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

Nomination Form  
Anadromous Waters Catalog

Region SCN USGS Quad(s) TYONEK D-8

AWC Number of Water Body 247-41-10200-2053-3205-4120 (-5031)

Name of Water body Portage Creek, \*Stoney Glacier Creek  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>25-018</u>	<u>[Signature]</u>	<u>10/24/2025</u>
Revision Year:	<u>2026</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>10/24/2025</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>B-2, A-1, A-2</u>	<u>[Signature]</u>	<u>6 Oct 2025</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>10/27/2025</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Sockeye	8/20/2025	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dolly Varden	8/20/2025	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

-ADD new species life-phase SOCKEYE salmon REARING to existing AWC Stream #247-41-10200-2053-3205-4120 "Portage Creek".  
 -EXTEND existing AWC Stream #247-41-10200-2053-3205-4120 "Portage Creek" with SOCKEYE salmon SPAWNING, REARING and PRESENT.  
 -ADD new AWC Stream #247-41-10200-2053-3205-4120-5031 ""Stoney Glacier Creek" with SOCKEYE salmon PRESENT.

**Comments** Spawning SS observed during foot-survey between 61.983117, -152.781412 and 61.98062, -152.78581 on Portage Creek. SS were observed actively spawning along banks and side-channels. In total, 18 were observed. Locations of obs. marked on GPS, and fish photographed.  
 Sockeye parr handnetted near spawning adults in a side channel at 61.980771, -152.787575. 16 were captured, measured, and released.  
 Staff then flew upstream, seeing 2 adult SS aerially at 61.969021, -152.838627. This was the uppermost observation. It could not be verified from the ground that those fish were spawning, but they were identified as adult SS from the air.  
 2 DV captured previous to adult SS obs. while e-fishing between 61.9824, -152.78722 and 61.98172, -152.78412.  
 See attached "Portage Creek-2025" and data forms for details.

Name of Observer (please print): Olivia Mueller  
 Signature: [Signature] Date: 10/02/2025  
 Agency: Tyonek Tribal Conservation District  
 Address: 101 W. Benson Blvd., Suite 501  
Anchorage, AK 99503

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 11/13  
 Name of Area Biologist (please print): \_\_\_\_\_

## **Portage Creek- 2025 AWC Nomination**

AWC Code: 247-41-10200-2053-3205-4120

Quad D-8, Southcentral Region

8/20/2025

### **Field Summary:**

TTCD Staff e-fished Portage Creek and Tributaries on 8/20/2025. E-fishing was carried out between 61.9824, -152.78722 and 61.98172, -152.78412, and 2 dolly varden were captured (see attached data form "Portage Creek Data Form-TTCD Electro-Fishing" for details). Staff observed adult spawning sockeye while e-fishing; e-fishing was discontinued, and staff began a foot survey, marking locations and counting spawning adults. Spawning fish were difficult to photograph due to glacial silt in creek but were clearly visible in clear side-channels and along banks where water was shallow. Coordinates, photos and video were taken when fish were sighted. Staff attempted to capture adults using a seine net for better documentation but were unsuccessful. During a seine attempt at 61.98046, -152.78752, sockeye parr were observed in a side channel and hand-netted at 61.980771, -152.787575. See attached data form "Portage Creek Data Form- TTCD Minnow Trapping" for details. Staff walked upstream and observed 18 adult fish spawning between 61.983117, -152.781412 and 61.98062, -152.78581. It was noted that this section of Portage Creek has small gravel substrates that are conducive to spawning, with several beaver ponds and side channels with low flow water. Staff then flew upstream, seeing two more adult sockeye aerially at 61.969021, -152.838627. It could not be verified from the ground that those fish were spawning, but they were identified as adult sockeye from the air.

### **Adult Observations:**

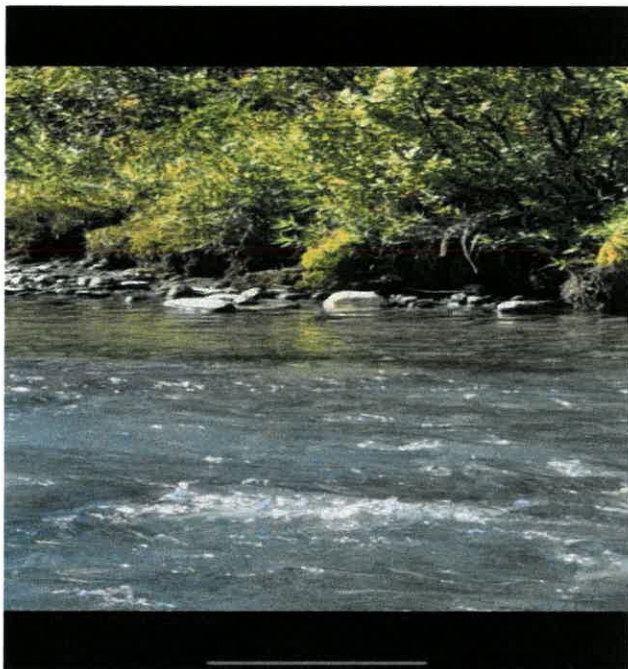
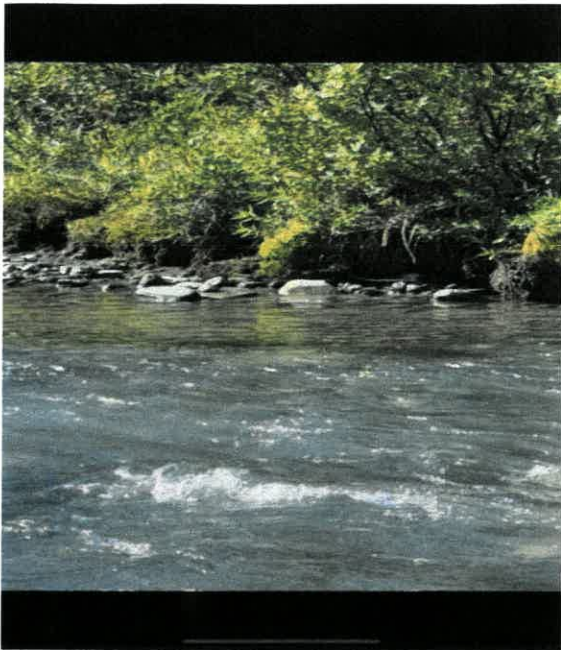
#### **Lower Spawning Sockeye Observation**

Coordinates: 61.983117, -152.781412

Notes: First adult observation. Ceased e-fishing upon sighting. Bright red in spawning colors.

Count: 1

Photos:



### **Spawning Sockeye Observation**

Coordinates: 61.98112, -152.78497

Count: 2

Notes: Spawning near bank, redds observed.

### **Spawning Sockeye Observation**

Coordinates: 61.98046, -152.78752

Count: 5

**Spawning Sockeye Observation**

Coordinates: 61.98091, -152.78888

Count: 4

Notes: Near where seining attempt occurred.

**Spawning Sockeye Observation**

Coordinates: 61.980407, -152.787328

Count: 2

**Upper Spawning Sockeye Observation**

Coordinates: 61.98062, -152.78581

Count: 4

Notes: Group of spawning adults sighted during foot survey. Active redd making and buck sparring observed. Great spawning gravels in side-channels, fish bright red in spawning colors.

Photos:



**Aerial Adult Sockeye Presence Observation (presence upper reach)**

Coordinates: 61.969021, -152.838627

Count: 2

Notes: Observed from air while flying upstream trying to determine upstream extent. Creek water was silty, making aerial observation difficult, but on bank edges where shallow and at tributary input side-channels, fish were clearly sight-able. Fish were bright red in spawning colors. Unable to take photos or verify observation from ground.

**Juvenile Capture:**

Coordinates: 61.980771, -152.787575

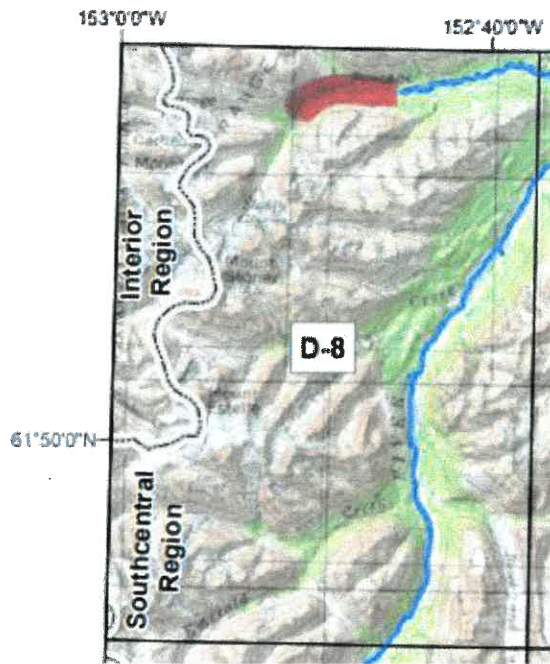
Count: 16

Notes: Schools of fry upstream of spawning adults in side-channel. 5 adult spawning sockeye also seen in side-channel, plus others observed on main channel.

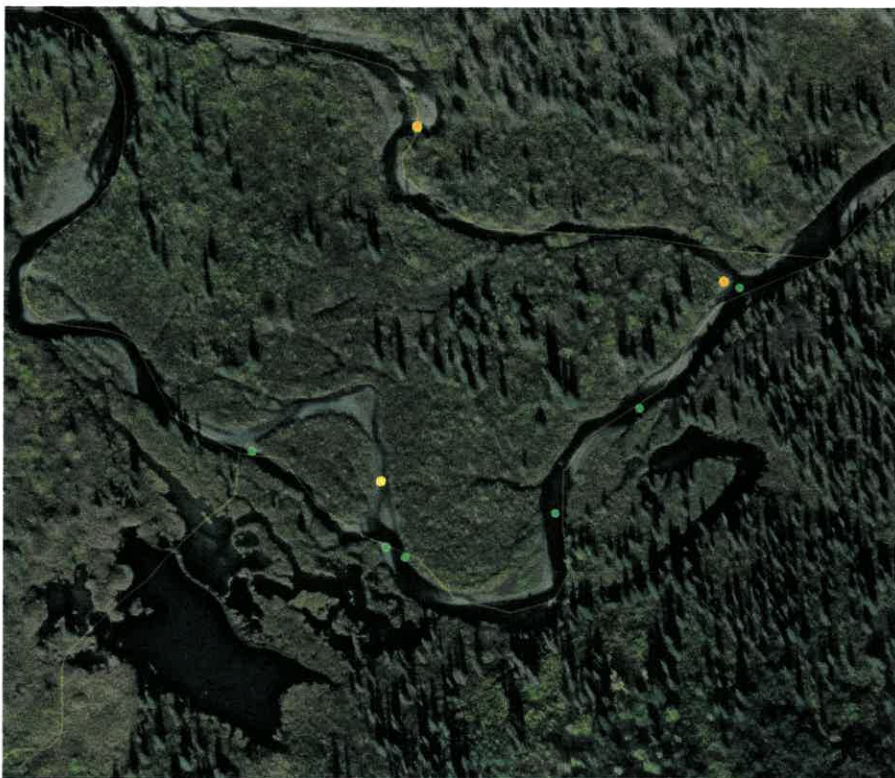
Photos:



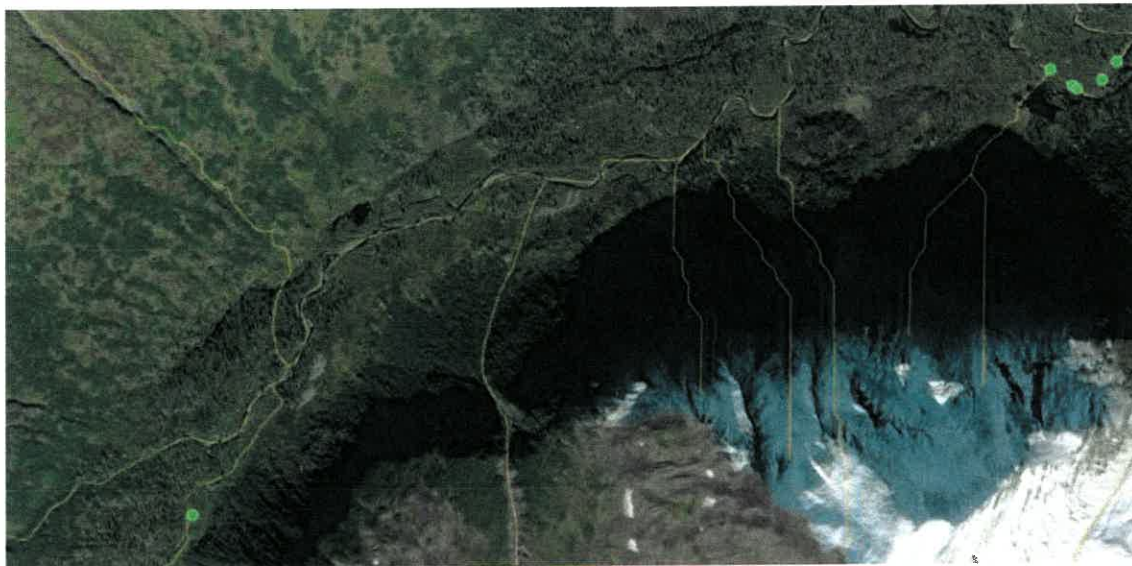
**Map 1:** General region of suggested addition on USGS quad map.



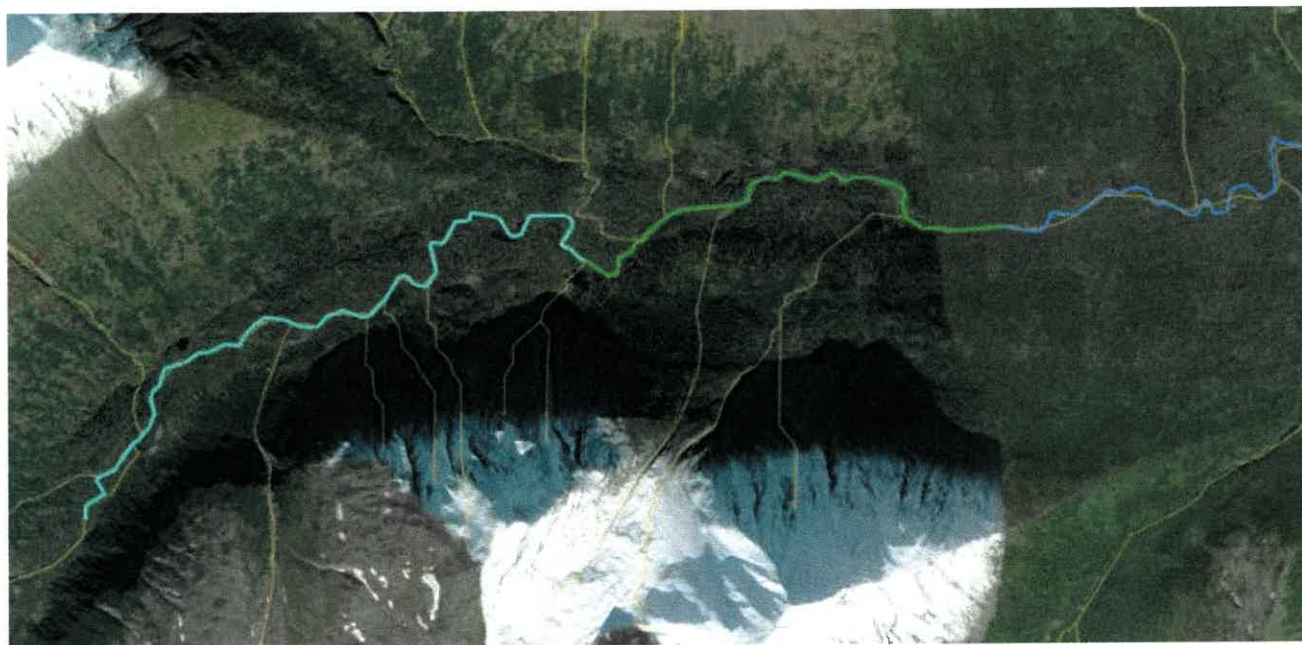
**Map 2:** Locations of electro-fishing start and stop locations (orange), spawning adult sockeye (green) and site of hand-netted sockeye parr (yellow). Orange streamlines are National Hydrography Dataset streamlines. Uppermost observation of spawning fish seen at 61.98091, -152.7888, rearing sockeye parr captured at 61.980771, -152.787575.



**Map 3:** Adult Sockeye observations (green), including upper reach aerial sighting at 61.969033, -152.838373. Orange streamlines are National Hydrography Dataset streamlines.



**Map 3:** Nominated reaches of stream where TTCD staff observed sockeye of various life stages. Rightmost dark blue line is current listed stream, middle green streamline is nominated reach for rearing and spawning habitat, leftmost light blue streamline is nominated reach for presence.



# TTCD Minnow Trapping

Submitted by: TTCD\_HMR

Submitted time: Aug 22, 2025, 12:01:45 PM

## Trap Information

trap\_setup

Site Name

**Portage**

Start Date & Time

**Aug 20, 2025, 6:08:00 PM**

Surveyor Names

**OM, NS, AW,**

Trap Coordinates

**Lat: 61.980771 Lon: -152.787575**



Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

Powered by Esri

## Catch Data

Fish Species

**Sockeye**

Fork Length (mm)

**53, 57, 45, 50, 48, 48, 47, 42, 8 not measured**

Photos & Notes

1





Site description

**Schools of fry upstream or spawning adults in side channel. 5 adult spawning sockeye in side channel, plus others observed on main channel.**

# TTCD Electro-Fishing Form 2025

Submitted by: TTCD\_HMR

Submitted time: Aug 26, 2025, 2:57:06 PM

TTCD E-Fishing 2025

<center>Site Description</center>

Site Name

**Portage Creek Tributary**

Date

Time

**14:44**

Surveyors

**AW, NS, OM**

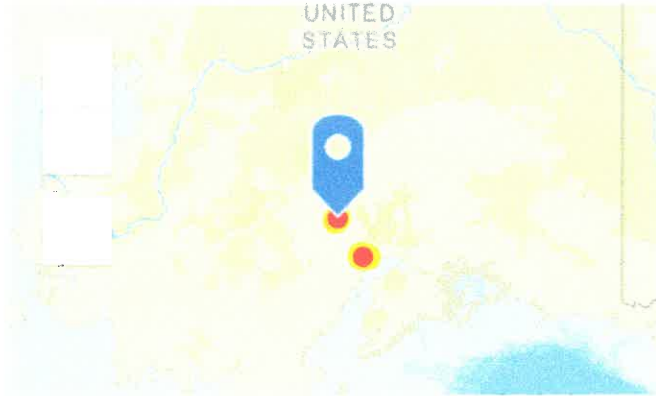
Time Shocking (s)

**324**

shocking\_Extent

Start/End Points

**Lat: 61.982457 Lon: -152.787223**

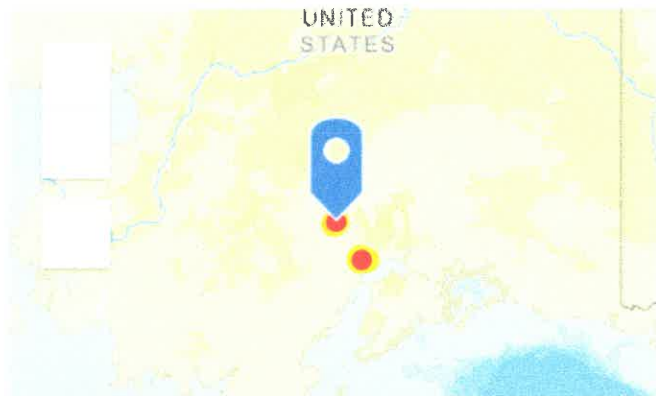


Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

Powered by Esri

Start/End Points

**Lat: 61.981724 Lon: -152.784118**



Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

Powered by Esri

**<center>E-fisher Setup</center>**

Conductivity (uS)

**64**

Water Temp (C)

**8**

Voltage (V)

**346**

Direct Current (DC)

**12**

Hertz (Hz)

**30**

**Fish Capture Data**

Species 1

**DV**

Fork Length (mm)

**34, 36**

1



**Notes:**

site info, fish abnormalities, other observations, etc.

**Shocking fork of portage, focused on side channels. Starting point is where begun, shocked suitable habitat and resting areas (side channel and fork) working downstream to mainstream. Adult spawning sockeye seen at end point, stopped shocking. Vid taken**

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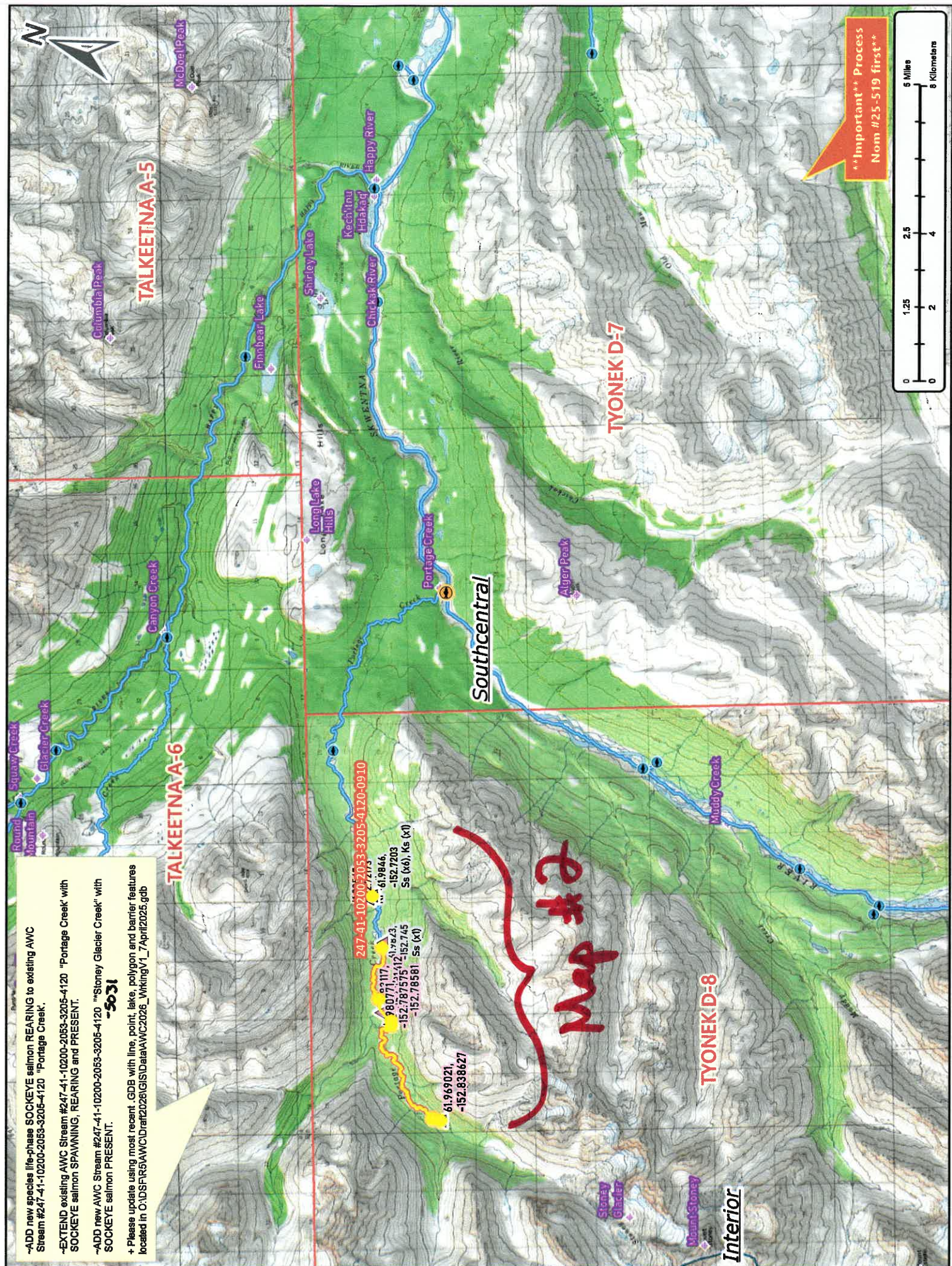
-5031

+ Please update using most recent .GBB with line, point, lake, polygon and barrier features located in O:\D\S\R\5\AWC\Drain\2026\GIS\Daia\AWC2026\_WikingV1\_April2025.gdb

247-41-10200-2053-3205-4120-0910  
 980771, 417823, -152.7203  
 -152.787575, -152.745 Ss (x4), Ks (x1)  
 -152.78581 Ss (x4)  
 61969021, -152.838627

Map #2

\*\*Important\*\* Process  
 Nom #25-519 first\*\*



Map #1

Nom #25-018

TALKEETNA A-6

Map #3

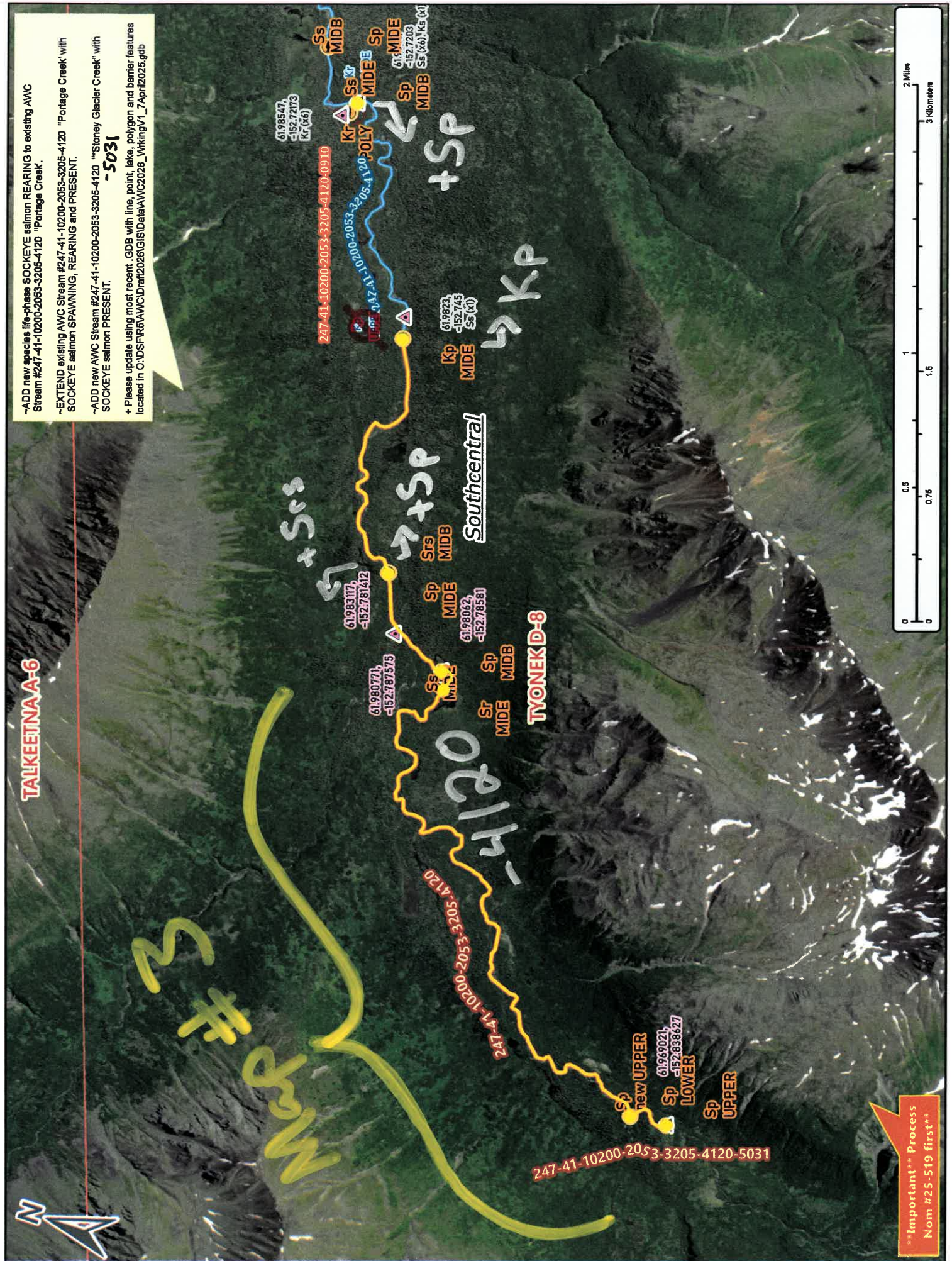
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-5031

+ Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DS\FR5\AWC\Draft2026\GIS\Data\AWC2026\_WkingV1\_7Apr12026.gdb



Important Process Nom #25-519 first

Map #2

Nom #25-018

