



**State of Alaska
Department of Fish and Game
Sportfish Division**

**Nomination Form
Anadromous Waters Catalog**

Region Arctic USGS Quad(s) SOLOMON C-5, C-6
 Anadromous Waters Catalog Number of Water Body 333-10-11650 (-2001)
 Name of Water Body Bonanza River, *Bonanza Channel USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	24-807	<u>Adam Reim</u> Fisheries Scientist	<u>9-9-2024</u> Date
Revision Year:	2025	<u>Ron Bennett</u> Habitat Operations Manager	<u>8/19/2024</u> Date
Revision to:	<input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Steph Fisher</u> AWC Project Biologist	<u>8 Aug 2024</u> Date
Revision Code:	B-1	<u>P. C.</u> GIS Analyst	<u>9/12/2024</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
sockeye salmon	2018, 2019, 2020			✓	✓
Chinook salmon	2018, 2019, 2020			✓	✓

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:

Sockeye Salmon have been observed for many years but in 2019 and 2020 they were observed by the ADF&G counting project.
 Coordinates (Lat,Long): Upper(64.54919,-164.59674) Lower(64.53658,-164.48795)

~ADD species COHO, CHINOOK and SOCKEYE salmon PRESENT to existing AWC Stream #333-10-11650-2001 "Bonanza Channel".**
~ADD species CHINOOK and SOCKEYE salmon PRESENT to existing AWC Stream #333-10-11650 "Bonanza River".
 *Adding coho salmon to *Bonanza Channel to restore/correct continuity between Safety Sound and Bonanza River.

Name of Observer (please print): John Wade
 Signature: 10.231.39.10 (Web Nomination) Date: 08/01/2024
 Agency: _____
 Address: 1212 W 5th Ave, Nome, AK 99762 P.O. Box 358
Nome, AK 99762

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): _____



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- Norton Sound & Kotzebue**
- Yukon
- Central Region
- Bristol Bay
- Cook Inlet
 - Lower Cook Inlet
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- Prince William Sound & Copper River
- Southeast Region
- Westward Region
 - Alaska Peninsula
 - Bering Sea & Aleutian Islands
 - Chignik
 - Kodiak Island

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- Herring
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If a login screen appears below, please try refreshing the webpage using your browser's refresh button.

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Site descriptions, individual year notes, raw data, estimates of missed passage, and final reports associated with the tables and figures produced from the filters below can be found in the ADF&G, Division of Commercial Fisheries, Arctic-Yukon-Kuskokwim (AYK) database management system (DBMS). Years that are not listed in the tables or figures were either not monitored or missed fish passage was excessive and no season total was determined.

ADF&G, Division of Commercial Fisheries, Arctic-Yukon-Kuskokwim (AYK) database management system

****PLEASE NOTE:**

- All data are preliminary until formally published in an ADF&G publication.
- All preliminary information is subject to revision based on new information and analyses.

Filter Prompts

Observation Year: Between 2018 - 2024

Species: Sockeye

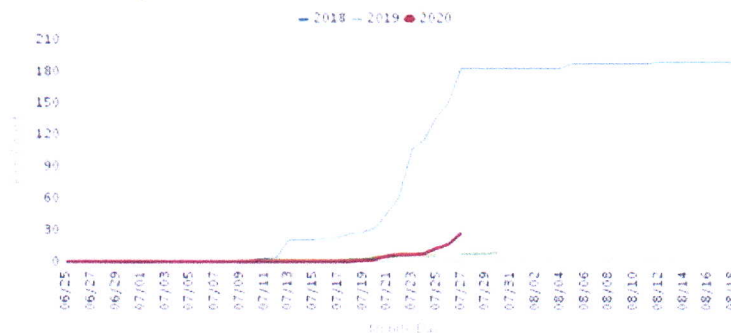
Project: Bonanza River Escapement

Apply Reset

Project selected: **Bonanza River** Species Selected: **Sockeye Salmon**
Counting Method: **Weir**

Bonanza River Historical Cumulative Daily Passage of Sockeye Salmon

Cumulative Daily Fish Count



Bonanza River Historical Cumulative Daily Passage of Sockeye Salmon

Observation Year	2018	2019	2020
07/19	28	3	1
07/20	33	5	2
07/21	46	6	6
07/22	62	6	7
07/23	107	6	7
07/24	115	6	8
07/25	137	6	13
07/26	162		17
07/27	183	8	27
07/28	183	8	
07/29	183	8	
07/30	183	9	
07/31	183		

Bonanza River Historical Daily Passage of Sockeye Salmon

Daily Count



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Filter Prompts

Observation Year: Between 2018 - 2024

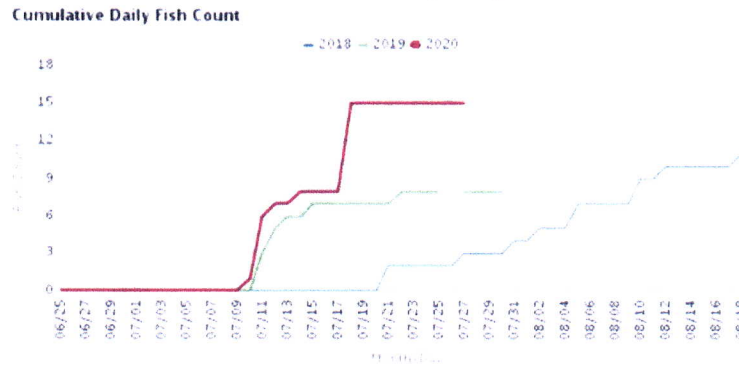
Species: Chinook

Project: Bonanza River Escapement

Apply Reset

Project selected: **Bonanza River** Species Selected: **Chinook Salmon**
Counting Method: **Weir**

Bonanza River Historical Cumulative Daily Passage of Chinook Salmon



Bonanza River Historical Cumulative Daily Passage of Chinook Salmon

Month/Day	Cumulative Count		
	2018	2019	2020
07/26	2		15
07/27	3	8	15
07/28	3	8	
07/29	3	8	
07/30	3	8	
07/31	4		
08/01	4		
08/02	5		
08/03	5		
08/04	5		
08/05	7		
08/06	7		
08/07	7		

Bonanza River Historical Daily Passage of Chinook Salmon

From: [Henslee, Luke H \(DFG\)](#)
To: [Giefer, Joe \(DFG\)](#); [Clark, Kevin J \(DFG\)](#)
Subject: RE: AWC Web Nomination #24-807 - Bonanza River
Date: Monday, August 5, 2024 2:18:27 PM

Hi Joe,

Weir Location ↴

The project was located at 64.54919, -164.59674 just below Jackson Creek, and all recorded observations were made there. The coordinates John put in the nom appear to just cover the entire river....

I never observed sockeye spawning near the weir, and never heard anything like that from staff at the project.

Yes, we observed Chinook past the weir, but never observed any spawning near the project site.

Just to clarify- the project ran in 2018, 2019, and 2020.

From: Giefer, Joe (DFG) <joe.giefer@alaska.gov>
Sent: Friday, August 2, 2024 8:40 AM
To: Clark, Kevin J (DFG) <kevin.clark@alaska.gov>
Cc: Henslee, Luke H (DFG) <luke.henslee@alaska.gov>
Subject: FW: AWC Web Nomination #24-807 - Bonanza River

Hi Kevin, Luke

When you have a chance, can you take a look at the attached AWC Nomination and email below from John Wade.

I just want to confirm a few things. This Nom would add Sockeye salmon present and spawning to the AWC for the Bonanza and extend it just short of a mile.

And after looking at the data sheet, it would appear that we could add Chinook salmon too (is that correct?)

Also was hoping to clarify that the picket weir was located at 64.75928,-164.76215 and that's where all observations were collected? Can you confirm that sockeye were actively spawning at that location or immediate area?

Any questions please let me know.

Regards

Joe Giefer

Habitat Biologist III

Anadromous Waters Catalog (AWC)

Alaska Dept. of Fish & Game

Division of Sport Fish – RTS

333 Raspberry Road, Anchorage AK 99518

Office 907-267-2336

Submit AWC Nominations electronically through the Online Portal here:

https://www.adfg.alaska.gov/sf/SABR_AWC_index.cfm?ADFG=nomSubmit.home

From: John Wade <jwade@nsedc.com>

Sent: Friday, August 2, 2024 7:55 AM

To: Giefer, Joe (DFG) <joe.giefer@alaska.gov>

Subject: RE: AWC Web Nomination #24-807 - Bonanza River

CAUTION: This email originated from outside the State of Alaska mail system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Joe,

I'd be happy to answer a few questions about the nomination.

The project at Bonanza was a weir project lead by fish and game from 2018 through 2020, where technicians would count fish as they came through the picket weir that was placed in the river from late June into August. The weir was put in the river because Fish and Game wanted to know what kind of fish go through the Bonanza river as it had not been done before.

The latitude and longitude I provided was the upper extent of the survey.

For the Aquatic Resource permit, that was handled by Fish and Game. While I worked on this project back in 2018 and 2019 I worked for a different organization, NSEDC.

Kevin Clark at the Nome Fish and Game office should have those permit on file still.

I don't have any pictures of the sockeye from when the weir was operational and counting, but I attached a datasheet from 2018 with the sockeye numbers. The other years numbers and data for sockeye are available on the fish and game website.

If you have any other questions or concerns, I'd be happy to answer any of them.

Thanks,

John

From: Giefer, Joe (DFG) <joe.giefer@alaska.gov>

Sent: Thursday, August 1, 2024 3:15 PM

To: John Wade <jwade@nsedc.com>

Subject: AWC Web Nomination #24-807 - Bonanza River

EXTERNAL EMAIL: Do not open unexpected attachments or links.

Hi John,

I've done a cursory review of the nomination you just submitted and have a few questions or requests for additional details.

Is this a weir project, foot survey, aerial survey? Just looking for a brief description of the what and how of the activity being done when the observations were made.

Is the upper latitude & longitude provided the location of counting site or just the upper extent of the survey?

Is there a field data sheet or Aquatic Resource Permit data sheet that was used for these observations that could be included in the nom file?

You also checked the spawning box, however we are looking for specific reaches of stream where salmon are observed actively spawning in redds, so we can specifically identify those reaches. Salmon simply being in spawning colors on their upriver migration is not enough information to designate a spawning reach. We're looking for descriptions of what was observed to support this, such as visually observing redd digging, territorial or paired up behavior over redds, or if fish are in hand expressing eggs/milt.

Are there any pictures that could be included for the file? Visuals always help corroborate the observations.

Any questions please let me know and thank you for your submission.

Regards,

Joe Giefer

Habitat Biologist III

Anadromous Waters Catalog (AWC)

Alaska Dept. of Fish & Game

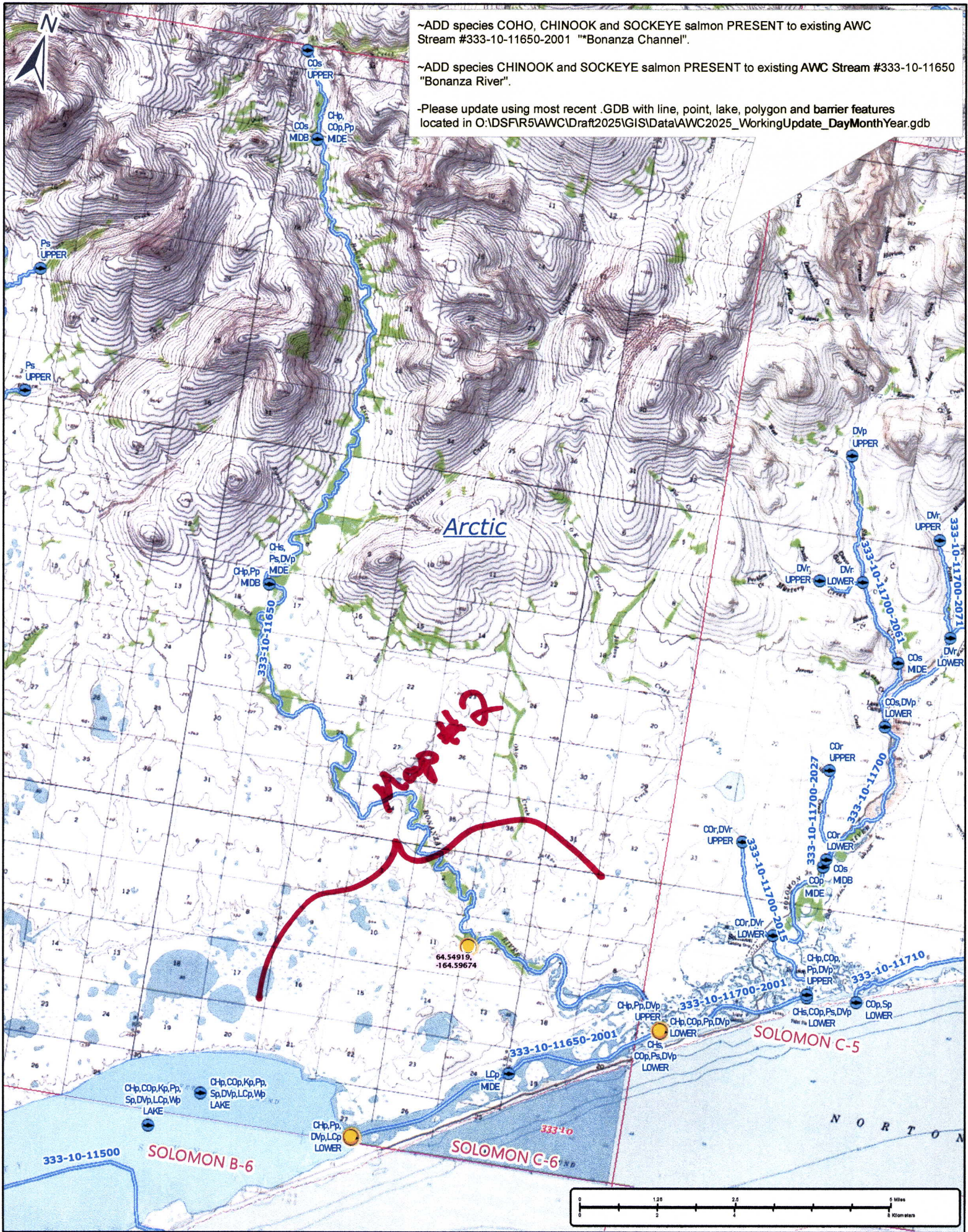
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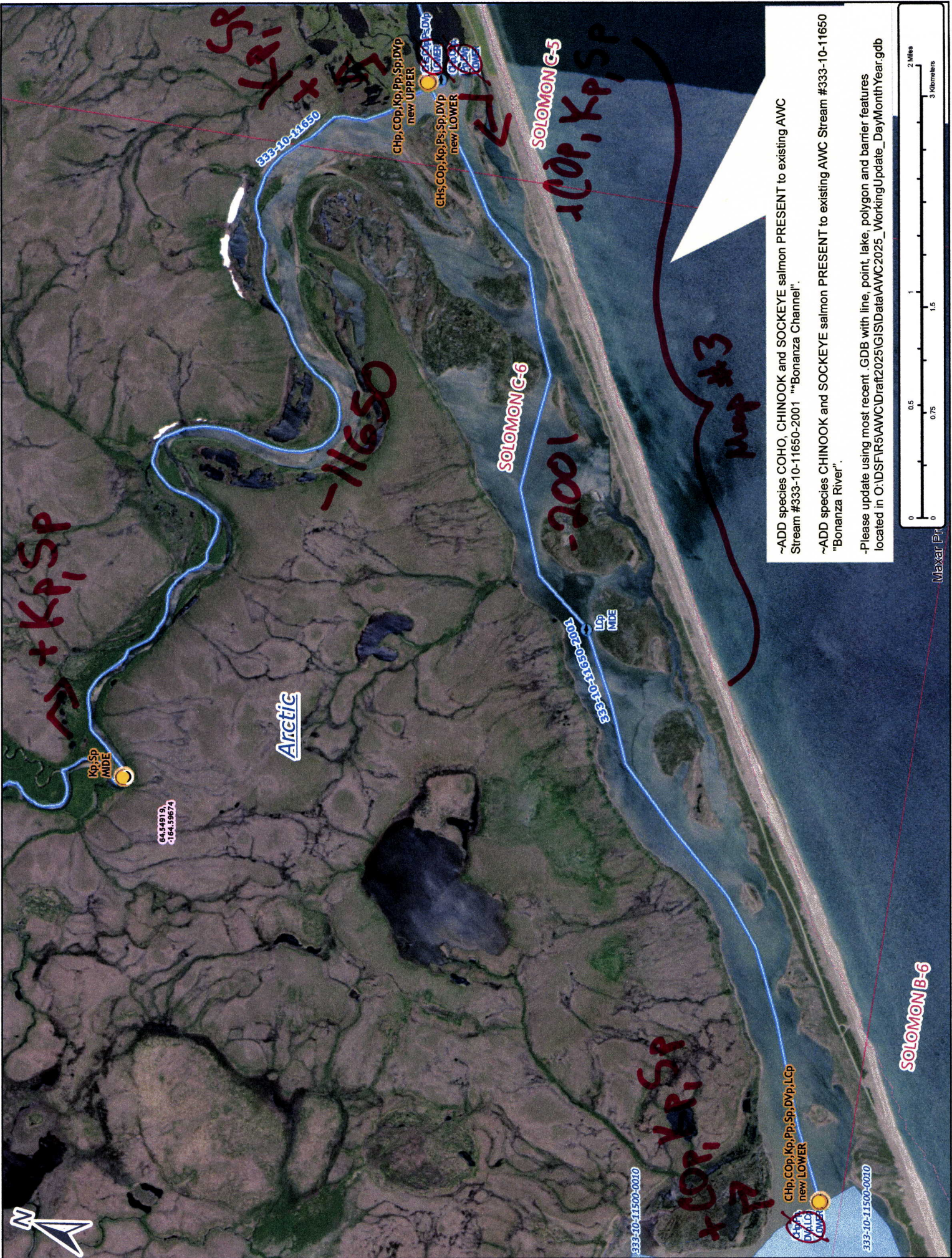
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-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFR5AWC\Draft2025\GIS\Data\AWC2025_WorkingUpdate_DayMonthYear.gdb

Map #2

Nom #24-807

Map #1



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Map #2

Num # 24-807

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**Kp, Sp
AWIDE**

-11650

Arctic

333-10-11650

333-10-11650-2001

new UPPER

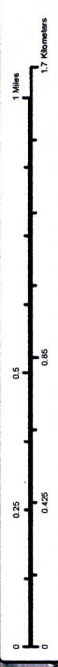
new LOWER

SOLOMON C-6

1000-

Kp, Sp, Sp

SOLOMON C-5



Maxar Products, Dynamic N

Nov #24-807

Map #3