State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): SEWARD C-7, D-6, D-7

Anadromous Waters Catalog Number of Water Body: 247-60-10170-2029-3041

Name of Water Body: Granite Creek ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☑ Correction ☐ Backup Information

For Office Use

Nomination #: **24-895**

Revision Year: 2025

Revision to: ☑ Atlas ☑ Catalog

Revision Code: C-9, B-2, A-1

Adam Kern — Fisheries Scientist	11-14-2024 — Date
Habitat Operations Manager	10/16/2024 — Date
AWC Project Biologist	14 Oct 2024 — Date
GIS Analyst	11/18/2024 — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon			✓		✓

~UPDATE/ADJUST current hydrography of existing AWC Stream #247-60-10170-2029-3041 "Granite Creek".

~ADD species life-phase COHO salmon PRESENT to existing AWC Stream #247-60-10170-2029-3041 "Granite Creek".

~EXTEND existing AWC Stream #247-60-10170-2029-3041 "Granite Creek" with COHO salmon PRESENT & REARING.

Process Nom #24-893 first.

Comments:

Nomination by Ben Meyer (Kenai Watershed Forum)
20 minute walk in from Seward Highway in Turnagain pass. Location suggested by examining NetMap GIS data.
Stream network in this area is highly branched. Plan to return to this area to perform more extensive end-of-anadromy surveys with backpack electrofisher in 2024 and 2025
Performed survey using minnow traps under aquatic resource permit SF2024-090. Eight traps deployed, see field notes in photos.
Latitude 60.801381
Longitude -149.203453

Name of Observer (please print): Nyssa Russell

Signature: 10.231.39.10 (Web Nomination) Date: 10/07/2024

Agency:

Address: 4032 Harry Nielsen Ave.

Kodiak, AK 99615

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: _____

Name of Area Biologist (please print):

Revision 3/16

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

Nomination Form Anadromous Waters Catalog

Region	SCN	USGS Quad(s)	Seward C-7, D-6, D-7
AWC Number of Water Body	247-60-10170-2029-3041		
Name of Water body	Granite Creek	☑ USGS Name	☐ Local Name
☑ Addition	☐ Deletion	☑ Correction	☐ Backup Information

For office use

Nomination #	24-895	Fisheries Scientist	
Revision Year	2025	Fisheries Scientist Date	
Revision to Atlas		Habitat Operations Manager	
Revision to Catalog		Habitat Operations Manager Date	
Revision to Both		AWC Project Biologist	
Revision Code	C-9, B-2, A-1	AWC Project Biologist Date	
		GIS Analyst	
		GIS Analyst Date	

Observation information

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho/Silver Salmon	8/10/24	X			X

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.

Name of Observer	Benjamin Meyer	Signature	
Agency		Date	8/10/24
Address			

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	
Name of Area Biologist		Revision 11/13	

Detail ID	Date/Time	Species/Object	Species Conditions	Presence/ Absence	Age Class	Best Count	Exact Count	Minimum Count	Maximum Count	Trend	Activity Code	Latitude	Longitude	Comments	Anadromous Fish Determination	Other/Comments	Fish Spawning Details	Other/Comments	Fish Carcass Details	Other/Comments
M-AWC-DETAIL-1124	Sep 10, 2023 3:40:00 PM	Pink/Humpy Salmon	good, fresh dead, moderate decomposition, advanced decomposition, Dead-unknown condition	present	Spawning adult	60		60	180		Spawning	57.8691541	-136.0858811							
M-AWC-DETAIL-1125	Sep 10, 2023 1:16:00 PM	Pink/Humpy Salmon	good, fresh dead, moderate decomposition, advanced decomposition, Dead-unknown condition	present	Spawning adult	50		50	150		Spawning	57.8452646	-136.0542742			Fish observed at the mouth of the streaw at a flooding tide probably beginning to move upriver.	Visual observations of paired spawning behavior between two or more individuals., Visual observation of specimens in spawning colors.		Two or more carcasses were observed and species positively identified (Photos please)	
M-AWC-DETAIL-1126	Sep 9, 2023 2:15:00 PM	Pink/Humpy Salmon		present	Spawning adult	12		12	24			57.983084	-136.257137	Schooling Pink salmon at mouth during low tide waiting for flood			Visual observation of specimens in spawning colors.			
M-AWC-DETAIL-1127	Sep 9, 2023 1:41:00 PM	Pink/Humpy Salmon	good, fresh dead, moderate decomposition, Dead-unknown condition	present	Spawning adult	100		100	500		Spawning	58.0172582	-136.3070154				Visual observation of specimens in spawning colors.		Two or more carcasses were observed and species positively identified (Photos please), There is evidence of recent spawning activity in the immediate area such as the observed presence of redds and/or fish eggs in the gravel, There are recent observation of live/spawning specimens of the same species in the same location, The nominated water body is a tributary or upstream of a currently specified AWC water body that supports the same species	
M-AWC-DETAIL-1129	Sep 8, 2023 12:35:00 PM	Cutthroat trout		present	Adult	1	1					57.9811616	-136.3966789	Saw an large cutthroat trout no photo though						
M-AWC-DETAIL-1130	Sep 9, 2023 12:17:00 PM	Pink/Humpy Salmon	good, moderate decomposition, advanced decomposition, Dead-unknown condition	present	Spawning adult	20		20	35			57.9810386	-136.3265567	Pink Salmon pushing upa stream near Scotty Cove. Wide stream gradient at 6% Eric observed that it was surprising to see so many salmon at the mouth. Likely that there is good habitat further upstream	Anglers historically and routinely catch anadromous adults of this species in streams/lakes lower in this drainage	People are known to catch fish in the salt at Scotty Cove	Visual observations of paired spawning behavior between two or more individuals., Visual observation of specimens in spawning colors.	Eggs and fish bits all over along stream bank	Two or more carcasses were observed and species positively identified (Photos please), There are recent observation of live/spawning specimens of the same species in the same location	This spot seems to be farthest extent barrier of waterfalls beyond
M-AWC-DETAIL-1131	Sep 11, 2023 11:20:00 AM	Pink/Humpy Salmon	good, Dead-unknown condition	present	Spawning adult	50		50	150			57.9427131	-136.2697135			Erie sending photo	Visual observation of specimens in spawning colors.		Two or more carcasses were observed and species positively identified (Photos please)	
M-AWC-DETAIL-1132	Sep 9, 2023 11:12:00 AM	Pink/Humpy Salmon	emaciated, fresh dead, moderate decomposition, advanced decomposition, Dead-unknown condition	present	Spawning adult	100		100	700		Spawning	57.9429701	-136.2697924	Hunter and Dog salmon creek locally known to the folks in Petrsen. Kids come over to Hunter and Dog salmon creek locally known to the folks in Petrsen. Kids come over to catch pinks for bait.	Anglers historically and routinely catch anadromous adults of this species in streams/lakes lower in this drainage., Physical features and size of fish observed consistent with anadromous variants of this species. (Please describe and document with photos)		Visual observations of paired spawning behavior between two or more individuals., Visual observation of specimens in spawning colors.	Cobble substrate size is a little coarse and too large for small spawning, maybe spawning on opposite bank or finer gravel upstream - definitely continue further upstreM	Two or more carcasses were observed and species positively identified (Photos please), There is evidence of recent spawning activity in the immediate area such as the observed presence of redds and/or fish eggs in the gravel, There are recent observation of live/spawning specimens of the same species in the same location	
M-AWC-DETAIL-1133	Mar 17, 2024 1:11:00 PM	Sheefish		present	Combined	8	8				Present	67.14076434	-162.4987941	Caught 6 sheefish (hook and line) about 13Arker miles upstream from the mouth of the Noatak River. 4 were small and two were large. One of the large fish and one of the small had eggs inside. I know of people catching sheefish as far up the noatak as the mouth of the Agashashok River (23ish miles from the mouth). Also, people catch sheefish at the mouth of the Noatak and a few miles upstream regularly in the winter	Anglers historically and routinely catch anadromous adults of this species in streams/lakes lower in this drainage					
M-AWC-DETAIL-1134	May XI, 2024 8:16:00 AM	Coho/Silver Salmon	good	present	Fry	6	6	6	9 Few		Rearing	55.45807344	-132.9467553	Previously undocumented stream within Hamock lake watershed. Features are consistent with viable fish habitat. Min now traps were deployed by ESFP to determine anadromy. Confirmation photos are not uploading to ApI	Physical features and size of fish observed consistent with anadromous variants of the species. (Please describe and document with photos), AWC streams directly below this location have previously documented this species as anadromous and no barriers to fish movement are known to occur., Physical features and size of fish observed consistent with anadromous variants of this species. (Please describe and document with photos)	ESFP crew deployed minnow traps to determine anadromy of stream during scheduled culvert and stream assessments. Observed: 1 coho smolt 6 coho fry 2 cutthroat trout				
M-AWC-DETAIL-1135	Jun 28, 2024 10:39:00 PM	Dolly Varden		present	Adult	6	6							Caught 6 Dolle's. Some males, some females						
M-AWC-DETAIL-1136	Aug 10, 2024 6:45:00 PM	Coho/Silver Salmon	good	present	Fry	58	58			never seen before	Rearing	60.72680723	-149.1174463	Performed survey using minnow traps under aquatic resource permit SF2024-090. Six traps deployed, see field notes in photos.	AWC streams directly below this location have previously documented this species as anadromous and no barriers to fish movement are known to occur.	Man made lake in gravel pit. NHD polygon for this lake does not cover full extent of water surface. Recommend drawing new lake polygon for AWC mapping.		Part, maybe showing some smolt coloration	The nominated water body is a tributary or upstream of a currently specified AWC water body that supports the same species. There are observation of the same species immediately downstream of this location listed in a corresponding AWC nomination	Adjacent connected lakes are already listed in AWC. Also man-made lakes.
M-AWC-DETAIL-1137	**Aug 10, 2024 4:30:00 PM**	**Coho/Silver Salmon**	**good**	**present**	**Fry**	**5**	**5**				**Present**	**60.801381**	**-149.203453**	**Performed survey using minnow traps under aquatic resource permit SF2024-090. Eight traps deployed, see field notes in photos.**		**20 minute walk in from Seward Highway in Turnagain pass. Location suggested by examining NetMap GIS data. Stream network in this area is highly branched. Plan to return to this area to perform more extensive end-of-anadromy surveys with backpack electrofisher in 2024 and 2025**		**All juveniles observed.**	**The nominated water body is a tributary or upstream of a currently specified AWC water body that supports the same species**	

Comments associated with AWC Observation Detail M-AWC-DETAIL-1137

Coho/Silver Salmon

Performed survey using minnow traps under aquatic resource permit SF2024-090. Eight traps deployed, see field notes in photos.

Photo #216 - Image associated with AWC Observation Detail M-AWC-DETAIL-1137

Photo #217 - Image associated with AWC Observation Detail M-AWC-DETAIL-1137

Photo #218 - Image associated with AWC Observation Detail M-AWC-DETAIL-1137

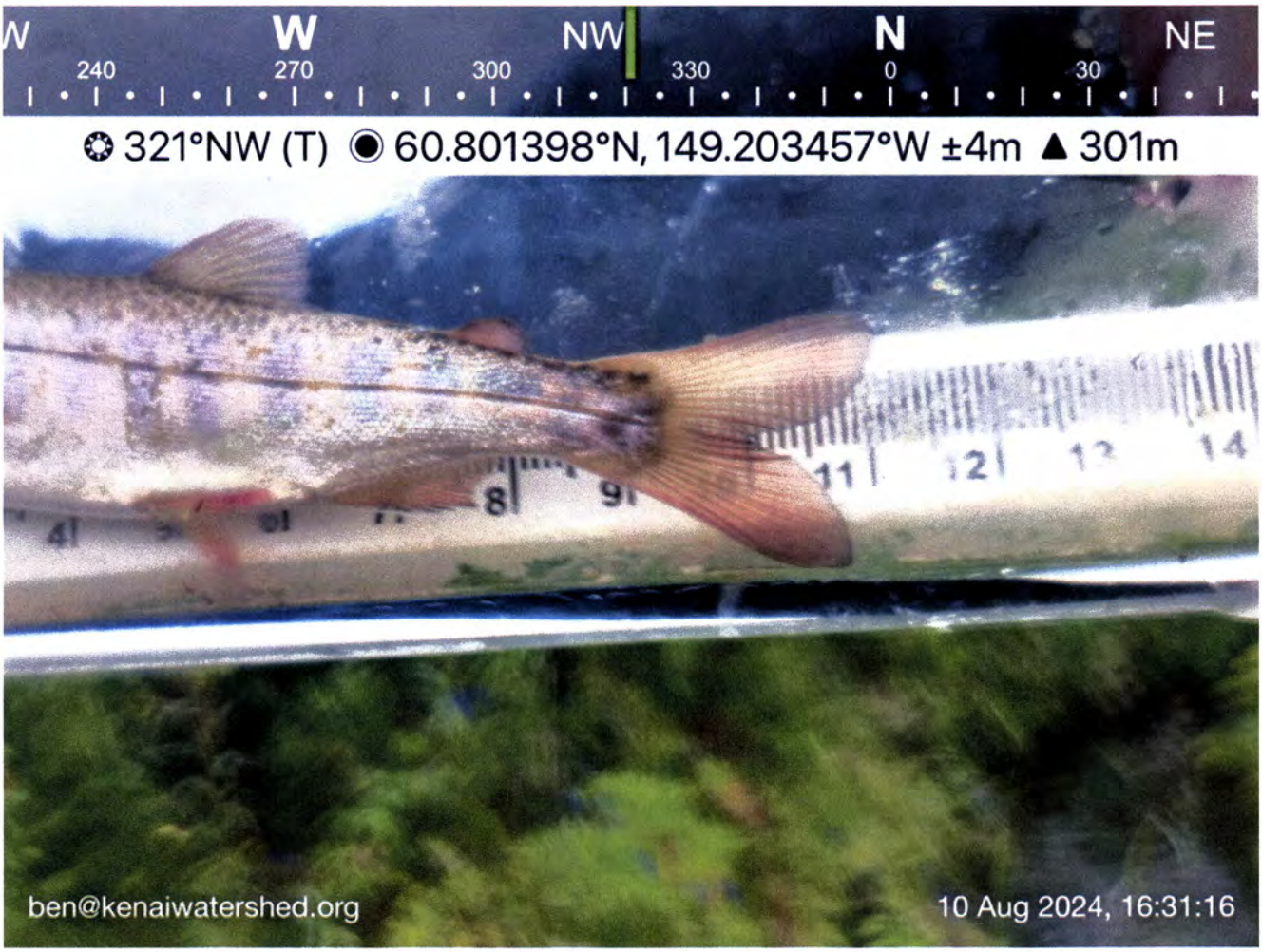

Photo #219 - Image associated with AWC Observation Detail M-AWC-DETAIL-1137

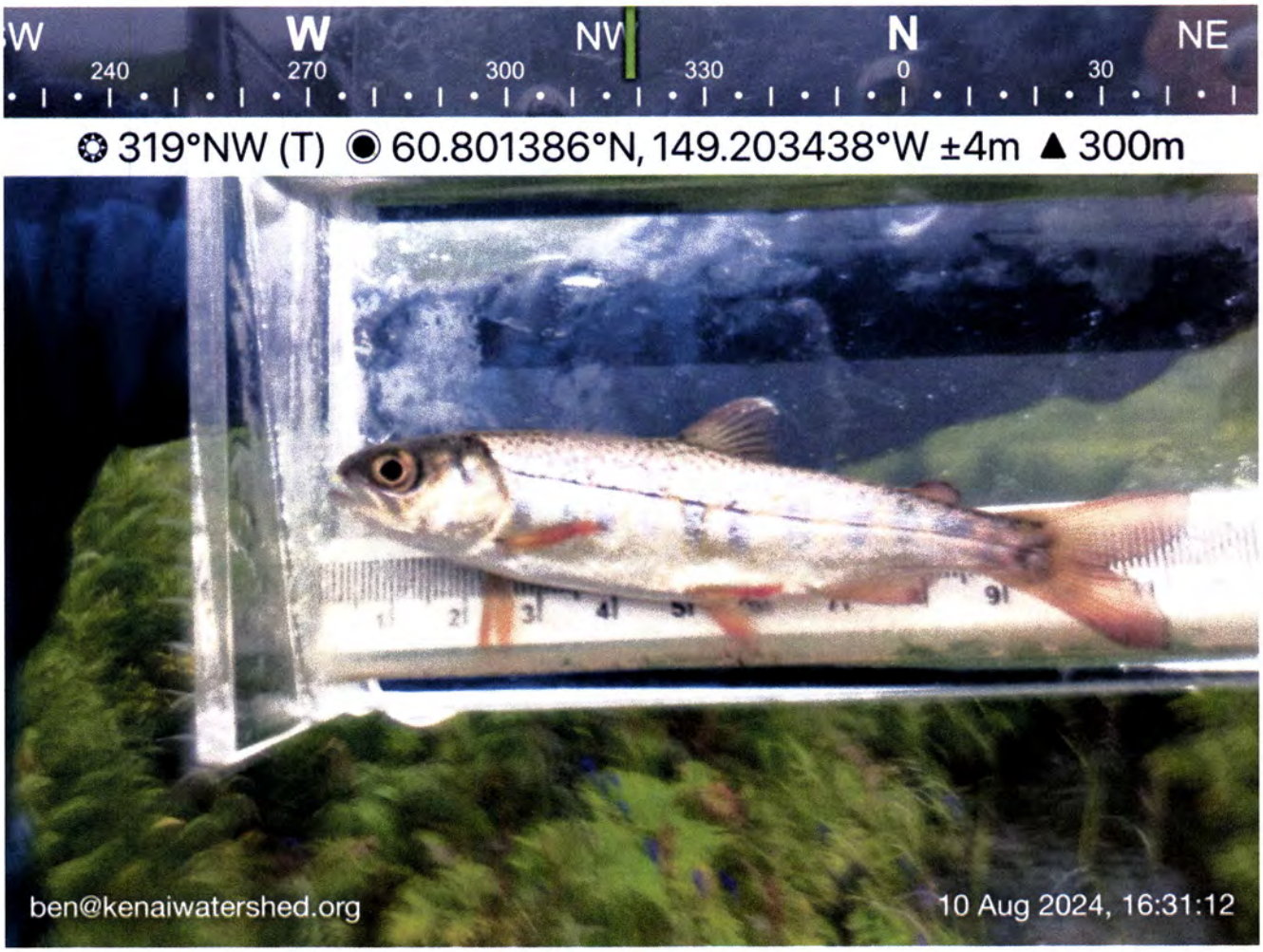

Photo #220 - Image associated with AWC Observation Detail M-AWC-DETAIL-1137

Kenai Watershed Forum
Anadramous Habitat Survey Field Form

Version 0.4 Updated 6/17/2021

Section A - Sample Event

Site Arrival Date	8/10/2024	Site Depart Date	8/10/24
Site Arrival Time	1:30 PM	Site Depart Time	5:05
Site	Granite Creek 1.1	Latitude	60.801381
Crew	BM	Longitude	-149.203453

Section B - Site Meaurements

Water				Air			
Water Temp	Unit	Instrument	Time	Air Temp	Unit	Instrument	Time
7.1	C	YSI Pro	4:55				

Section C - Sample Effort

Event	Start Date	Start Time	Stop Date	Stop Time	Gear Type	Gear Count	Fish Capture Count
1	8/10/24	1:40	8/10/24	4:55	MT	8	10
2							
3							
4							
5							
6							
7							
8							

Section D - Site Photos

Camera ID	Photo ID	Photo Notes
Boris iPhone	Solocater	Upstream most trap
		Downstream most trap

Section E - Notes

General Notes

Walk in ~20 min from Seward Hwy.
3 Volunteers from France joined!

YSI Pro Quatro
Temp 7.1°C
DO 11.51 mg/L D
99.5 uS/cm conductivity
7.6 pH

Note: If you are sampling at new coordinates, or on a new day, use a new data sheet.

For Office Use		
	QC1	BM 20240811
	Data Entry	
	QC2	

Side A

www.kenaiwatershed.org

Photo #222 - Image associated with AWC Observation Detail M-AWC-DETAIL-1137

Kenai Watershed Forum
Anadramous Habitat Survey Field Form

Version 0.4 Updated 6/17/2021

Section F - Fish ID

Site	Start Date	End Date
Granite Creek 1.1	8/10/24	8/10/24

Species	Lifestage	Count	Optional FL (mm)	Optional Weight (g)	Camera ID	Photo ID	Notes
DV	Juv	1	~70		Ben's iPhone	Selecter	
Coho	Parr	1	110				
coho	"	1	119				
Coho	"	1	110				
DV	Juv	1	130				
DV	Juv	1	80				
DV	Juv	1	90				
Coho	Parr	1	85				
DV	Juv	1	80				
Coho	Parr	1	90				

For Office Use		
	QC1	BM 20240811
	Data Entry	
	QC2	

Side B

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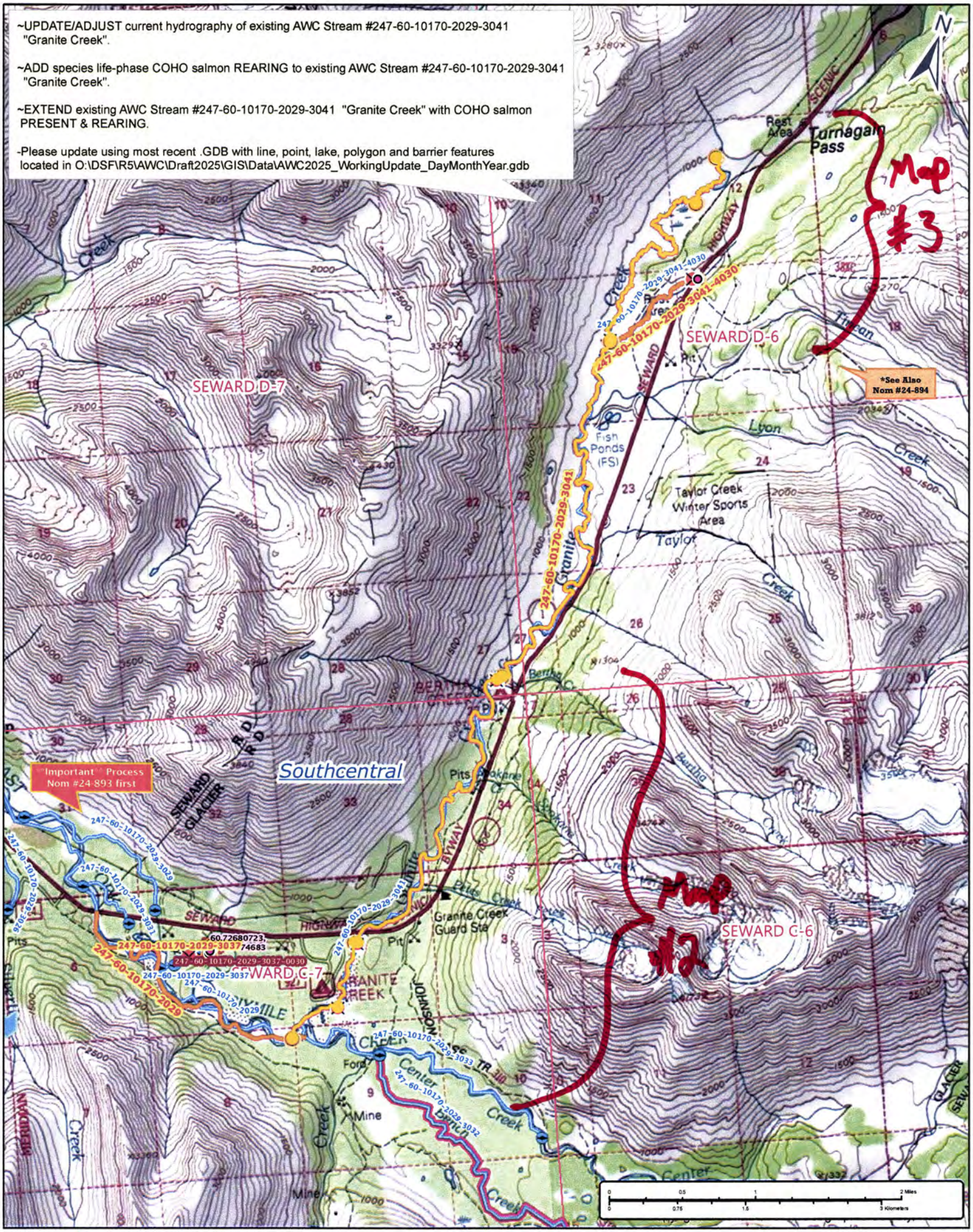
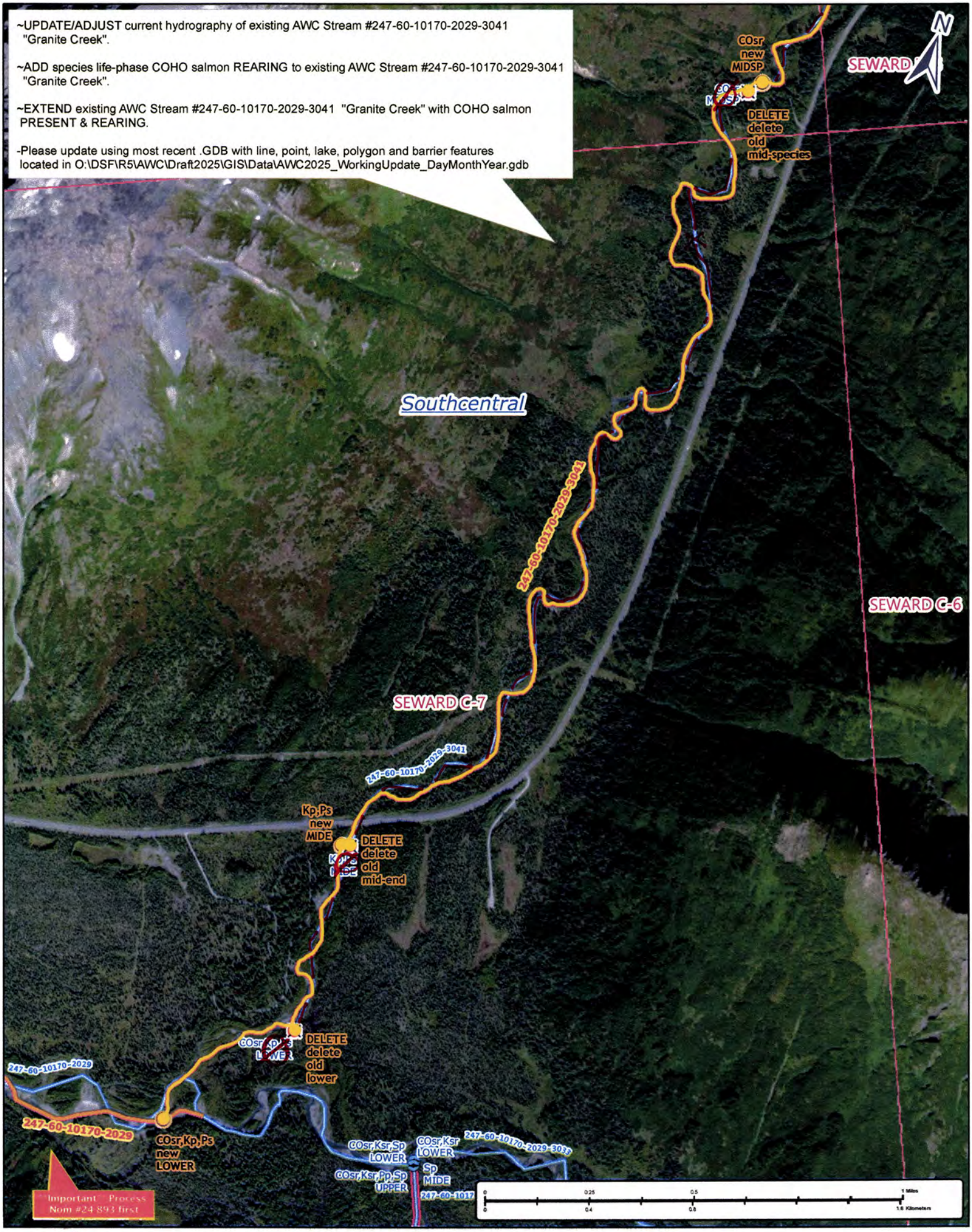
Photo #221 - Image associated with AWC Observation Detail M-AWC-DETAIL-1137



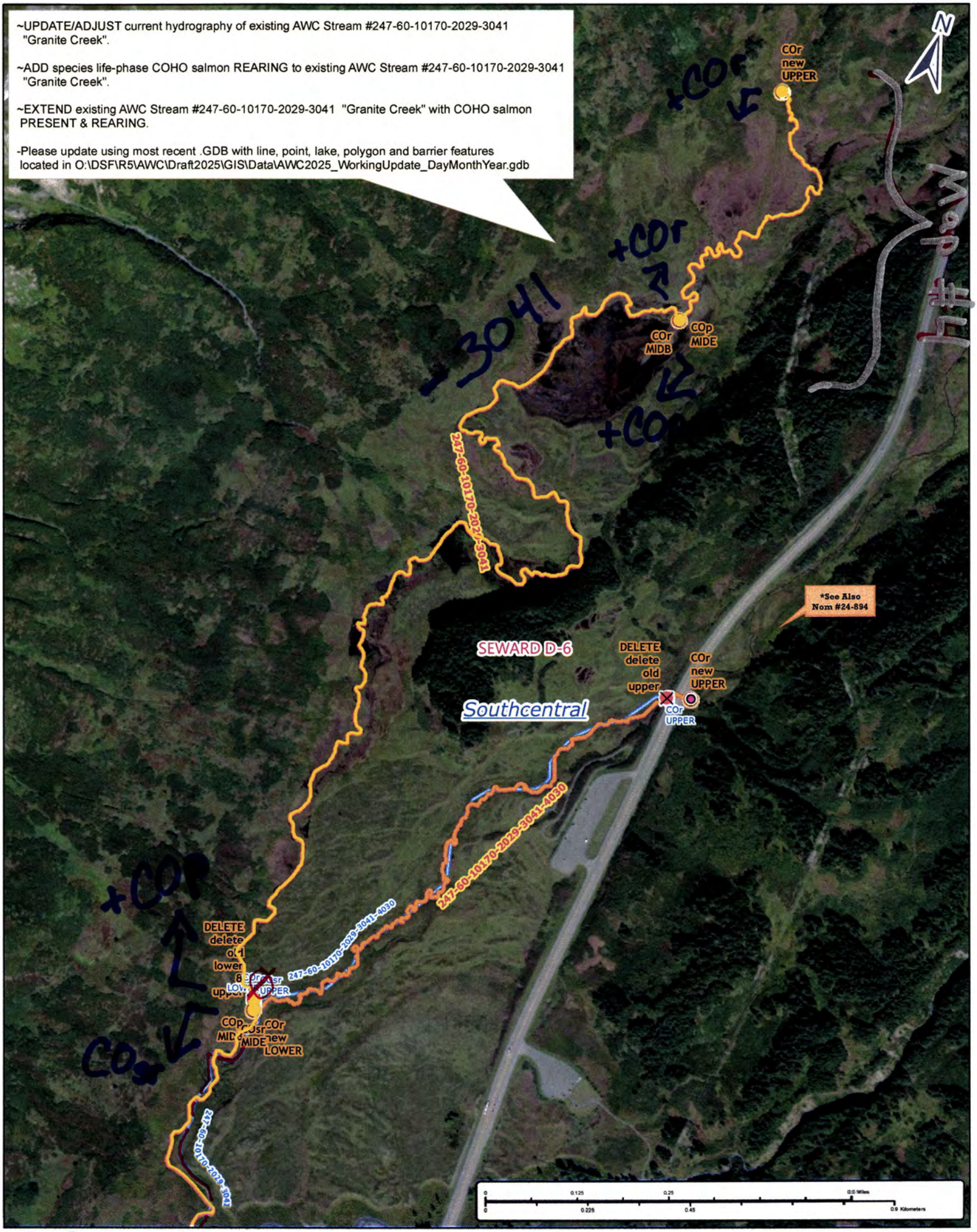
Nom #24-895

Map #1



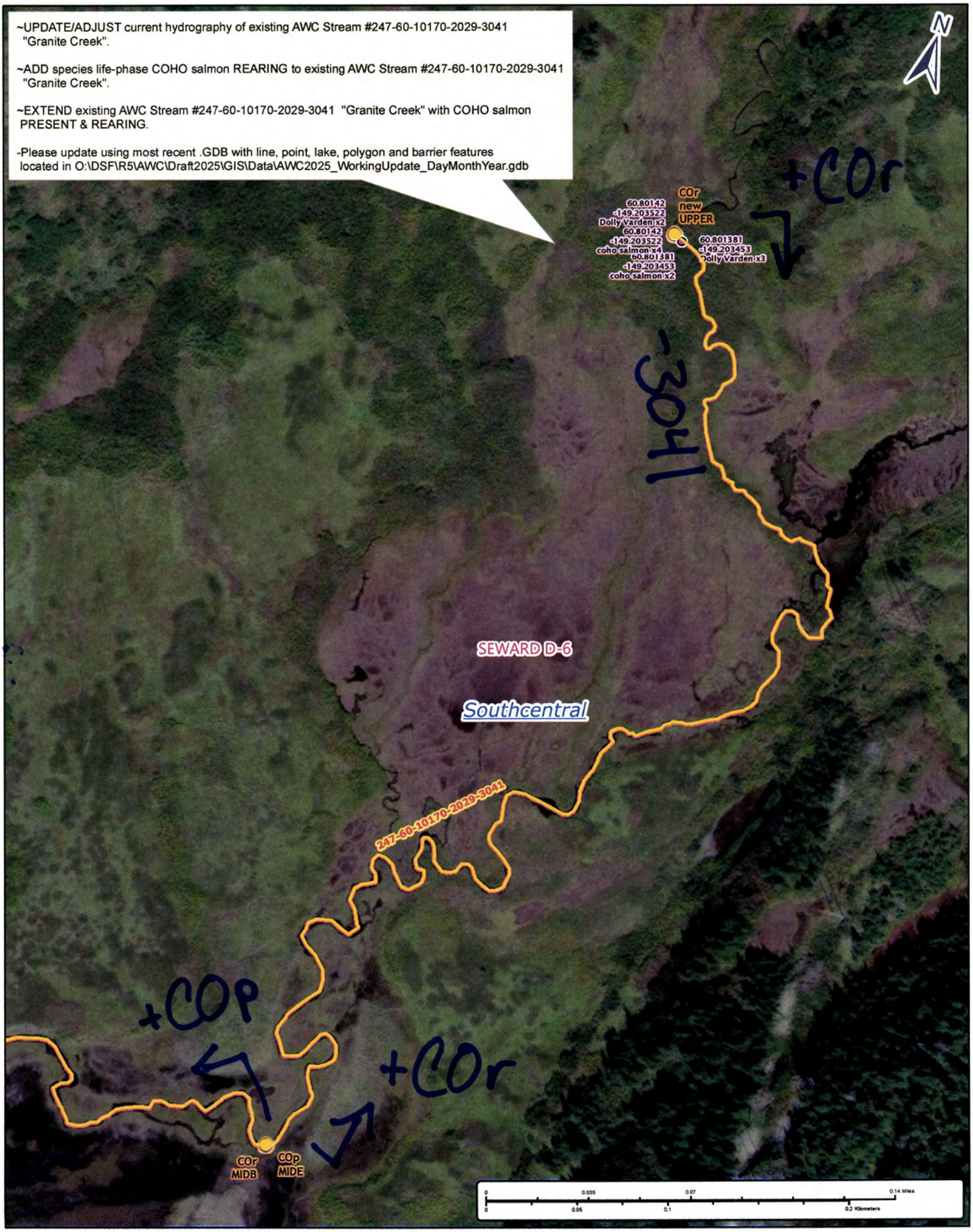
Nom #24-895

Map #2



Nom #24-895

Map #3



Nom #24-895

Map #4