



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

**Nomination Form  
Anadromous Waters Catalog**

Region Southcentral

USGS Quad(s) SEWARD D-7

Anadromous Waters Catalog Number of Water Body 247-60-10276

Name of Water Body \_\_\_\_\_  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

**For Office Use**

Nomination #	<b>24-792</b>	<u>Adam Rasmussen</u>	<u>9-9-2024</u>
		Fisheries Scientist	Date
Revision Year:	<b>2025</b>	<u>Ron Benkert</u>	<u>8/19/2024</u>
		Habitat Operations Manager	Date
Revision to:	<input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Joseph Sifer</u>	<u>24 July 2024</u>
		AWC Project Biologist	Date
Revision Code:	<b>A-2d</b>	<u>Rene Hout</u>	<u>9/10/24</u>
		GIS Analyst	Date

**OBSERVATION INFORMATION**

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	09/29/2023		✓		✓
Dolly Varden	09/29/2023		✓	✓	

**~ADD new AWC Stream #247-60-10276 with COHO salmon REARING.**

**Comments:**

Sampling occurred with minnow traps at 60.955482, -149.421810 under ADF&G Fish Resource Permit #: SF2023-192. Minnow trapping at this location yielded 16 juvenile coho salmon, one juvenile dolly varden, and one nine spine stickleback. Sampling took place immediately upstream of a culvert (Figure 7). A shallow thalweg at the sampling location was observed (0.05 m) with a steep stream gradient approximately 10 feet upstream of the sampling location that created a barrier to fish passage. Cook Inlet high tides appear to inundate the sampling area. Coordinates (Lat,Long): (60.955482,-149.42181)

Name of Observer (please print): Josh Buza  
 Signature: 10.231.39.10 (Web Nomination) Date: 06/27/2024  
 Agency: \_\_\_\_\_  
 Address: 3205 Iowa St  
Anchorage, AK 99517

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): \_\_\_\_\_

**From:** [Buza, Josh](#)  
**To:** [Giefer, Joe \(DFG\)](#)  
**Subject:** RE: Question about Nom #24-792 - new stream with Coho salmon rearing & barrier identified  
**Date:** Monday, August 12, 2024 10:08:58 AM

**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.

Hi Joe,

Thank you for the clarification. I should have said that it is likely unsuitable habitat and not a barrier to fish passage. Unfortunately I do not have any photos upstream. There is a visible channel that has a steep gradient (varying between approximately 20 to 40 degrees) approximately 10 feet upstream of where the trap was set. The upstream channel was narrow (1-2 ft). From what I recall based on the banks of the stream bed, the steep gradient area probably couldn't hold more than 3-5 inches of water. The stream channel follows parallel to the railroad for approximately 25 feet then heads perpendicular to the railroad at a less steep gradient toward the trail/highway. I believe there was a culvert underneath the trail but I'm unsure about the highway. See the attached photo. Red is what I'm sure of, black is what I would assume based off the aerial imagery.

**Josh Buza**

D 907.644.2084 M 989.513.5518

[hdrinc.com/follow-us](https://hdrinc.com/follow-us)

**From:** Giefer, Joe (DFG) <joe.giefer@alaska.gov>  
**Sent:** Friday, August 9, 2024 3:24 PM  
**To:** Buza, Josh <josh.buza@hdrinc.com>  
**Subject:** Question about Nom #24-792 - new stream with Coho salmon rearing & barrier identified

**CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Hi Josh,

Quick question came up during the review about the barrier identified in the attached nomination.

I just want to clarify whether there was an actual stream channel that visibly continued up a steep gradient which was subject to a gradient barrier, or was it more of a dispersed surface flow collecting at that location to start the beginning of this small water body. Did you happen to take any pictures looking up-channel at this location?

Basically we mark barriers to fish passage that block fish from using upstream habitats, but we don't mark the upper extent of what would generally be considered the river bed because its going up the side of a mountain or other steep terrain. Alternatively did you investigate upstream by the road? Is

there a culvert passing this water under the Seward Hwy? That would also support identifying the barrier here? ( I don't have any hydrography data here so I'm just guessing, examples in attached map). Any additional notes or details you might recall might be helpful.

Any questions at all 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:*

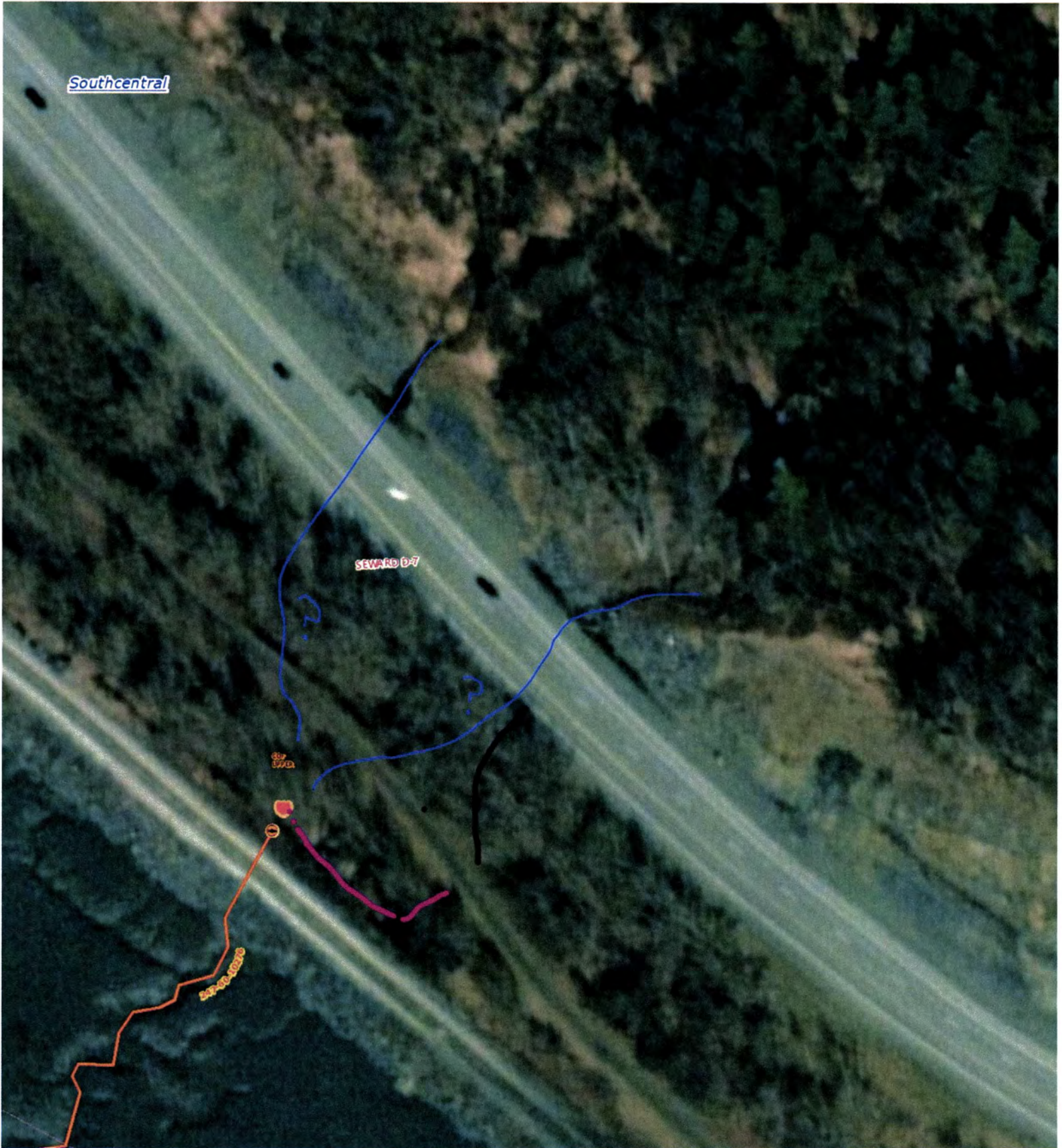
<https://www.adfg.alaska.gov/st/SABR/awc/index.cfm?ADFG=nomSubmit.home>

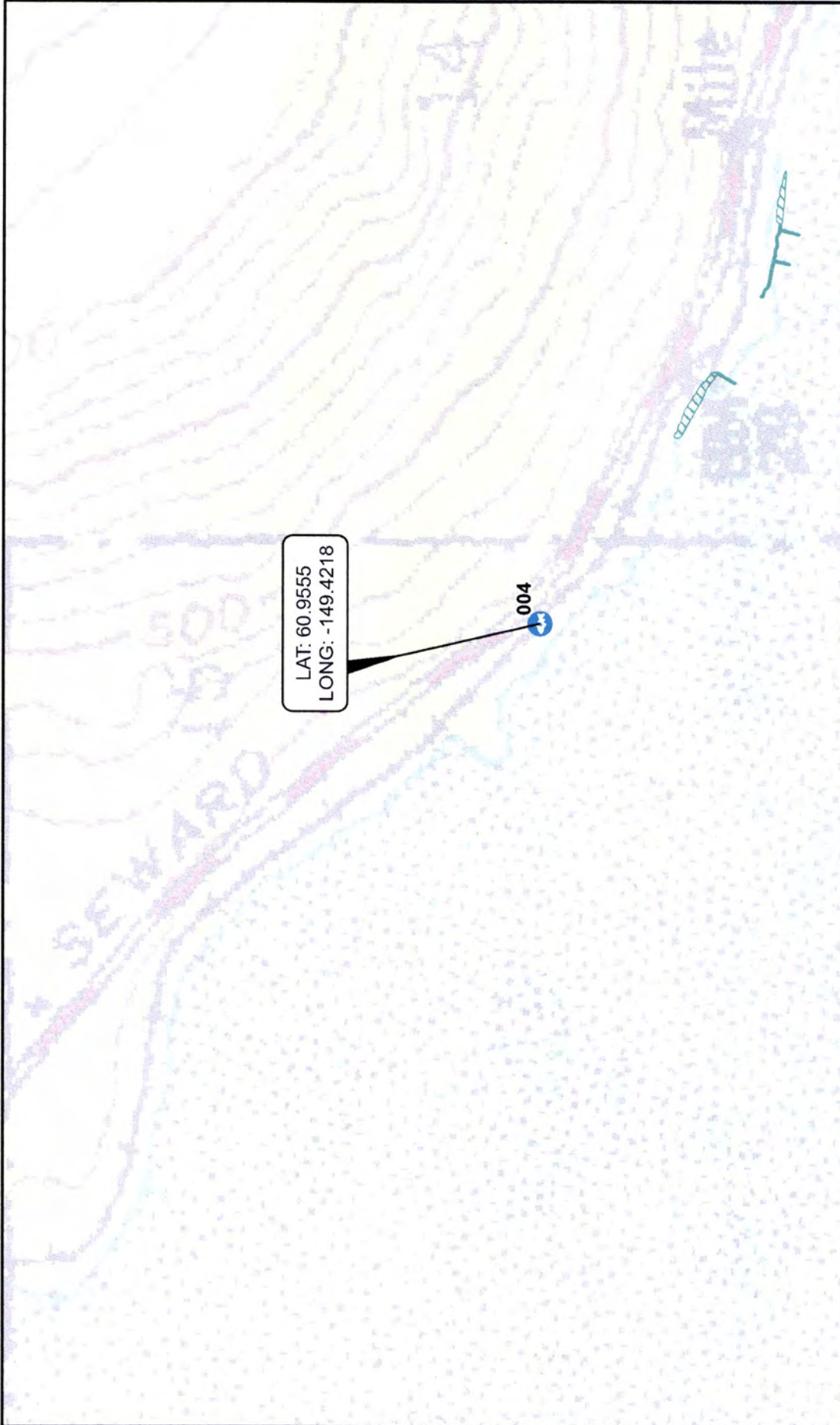
Southcentral

SEWARD D-7

407 17002

407-17002





WATERWAY: Unnamed  
 LOCATION: Seward Meridian T10N R1W  
 SAMPLING METHOD: Minnow Trap  
 SAMPLING DATE: September 29, 2023  
 SHEET: 1 OF 2  
 DATE: February 20, 2024

Alaska Department of Fish and Game  
 Seward Highway 98.5 to 118  
 AWC Nomination

- Minnow Sampling Location
- Proposed AWC Stream
- Proposed AWC Waterbody

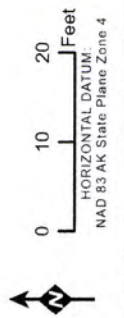
0 500 1,000 Feet  
 HORIZONTAL DATUM:  
 NAD 83 AK State Plane Zone 4





LAT: 60.9555  
LONG: -149.4218

004

Alaska Department of Fish and Game  
Seward Highway 98.5 to 118  
AWC Nomination



 Minnow Sampling Location  
 Proposed AWC Stream

WATERWAY: Unnamed  
LOCATION: Seward Meridian T10N R1W  
SAMPLING METHOD: Minnow Trap  
SAMPLING DATE: September 29, 2023  
SHEET: 2 OF 2  
DATE: February 20, 2024

Latitude (decimal degrees)	Longitude (decimal degrees)	Datum	Coordinate determination method	Name of water body	Date	Observer name (the first and last name of the person handling fish)	Fish collection method	Species	Life stage	Sp Code	Num of Obs
61.05046	-149.794439	WGS84	GPS		45198	Josh Buza	Minnow Trap	coho salmon	juvenile	CO	42
61.05053	-149.794211	WGS84	GPS		45198	Josh Buza	Minnow Trap	coho salmon	juvenile	CO	2
61.050592	-149.794441	WGS84	GPS		45198	Josh Buza	Minnow Trap	coho salmon	juvenile	CO	6
60.955482	-149.42181	WGS84	GPS		45198	Josh Buza	Minnow Trap	coho salmon	juvenile	CO	15
60.951913	-149.411095	WGS84	GPS		45198	Josh Buza	Minnow Trap	coho salmon	juvenile	CO	7
60.953134	-149.415021	WGS84	GPS		45198	Josh Buza	Minnow Trap	coho salmon	smolt	CO	2
60.951518	-149.407299	WGS84	GPS		45198	Josh Buza	Minnow Trap	coho salmon	smolt	CO	1
60.951079	-149.399964	WGS84	GPS		45198	Josh Buza	Minnow Trap	coho salmon	smolt	CO	1



Figure 1 Dolly Varden





Figure 2 Coho Salmon



Figure 3 Ninespine Stickleback



Figure 4 Coho Salmon



Figure 5 Coho Salmon



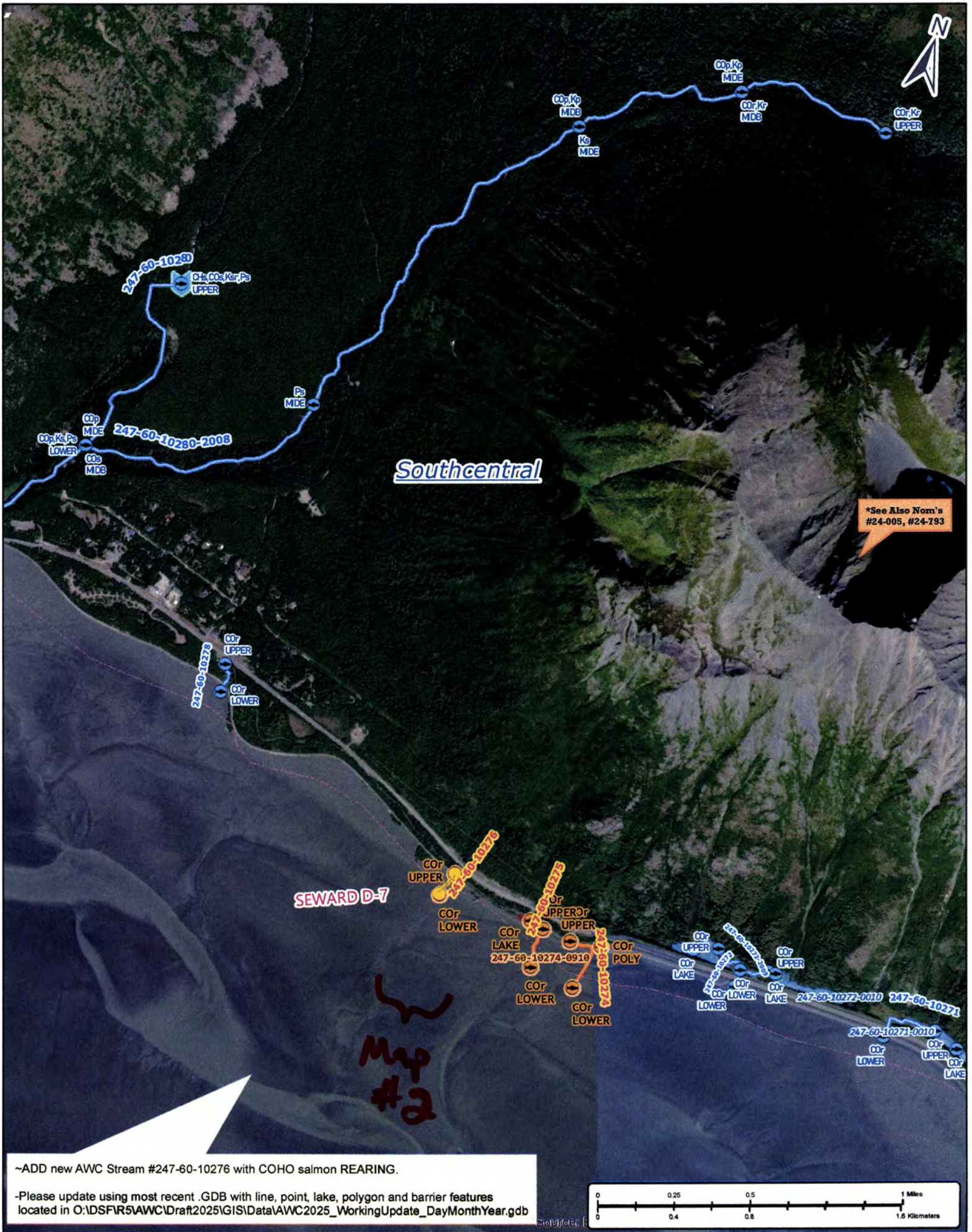
Figure 6 Waterbody Upstream



Figure 7 Waterbody Downstream



Figure 8 Waterbody Across



~ADD new AWC Stream #247-60-10276 with COHO salmon REARING.

-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSF\R5AWC\Draft2025\GIS\Data\AWC2025\_WorkingUpdate\_DayMonthYear.gdb

Nom #24-792

Map #1





Southcentral

COR  
UPPER

60.955482,  
-149.42181

↘ +COR

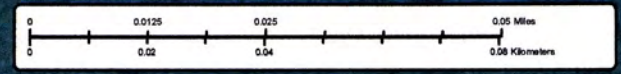
-10276

247-60-10276  
SEWARD D-7

COR  
LOWER

↘  
+COR

~ADD new AWC Stream #247-60-10276 with COHO salmon REARING.  
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSF\15\AWC\Draft2025\GIS\DATA\AWC\_2025update\_WORKINGv1\_day-month-yr.gdb



Num #24-792

Map #2