



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog

Region Southcentral

USGS Quad(s) TYONEK D-5

Anadromous Waters Catalog Number of Water Body 247-41-10200-2053-3205-4069-0010

Name of Water Body \*Canyon Lake Creek, Canyon Lake ☒ USGS Name ☒ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-948</u>	<u>Adam Keim</u> Fisheries Scientist Date <u>11-19-2024</u>
Revision Year: <u>2025</u>	<u>Ron Benker</u> Habitat Operations Manager Date <u>10/30/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Josh Kiefer</u> AWC Project Biologist Date <u>25 Oct 2024</u>
Revision Code: <u>A-1, A-2</u>	<u>P. L.</u> GIS Analyst Date <u>11/20/2024</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon (x19)	10/09/2024		✓		✓

~EXTEND AWC Stream #247-41-10200-2053-3205-4069 "\*\*Canyon Lake Creek" with COHO salmon REARING.

*\*This supersedes upper extent established in Nom #24-826.*

~ADD new AWC Lake #247-41-10200-2053-3205-4069-0010 "Canyon Lake" with COHO salmon REARING.

Comments:

Coho smolt captured in two minnow traps in Canyon Lake, within lake and near outlet. Lake residents had constructed a dam at outlet, but water was visibly flowing underneath dam. Dam does not appear to be a passage barrier for adult salmon due to the presence of coho smolt within the lake but could be a barrier to juvenile fish. Two traps were set in the lake body, approximately 10 m apart. One trap (61.894510, -151.614834) captured 12 coho, and the other (61.894532, -151.614982) captured 7 coho and 1 three-spine stickleback. In total, 19 juvenile coho were captured.  
Coordinates (Lat,Long): (61.894510,-151.614834)

Name of Observer (please print): Olivia Mueller  
Signature: 10.231.39.10 (Web Nomination) Date: 10/10/2024  
Agency: \_\_\_\_\_  
Address: 101 W Benson Blvd Ste 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 3/16  
Name of Area Biologist (please print): \_\_\_\_\_

## Canyon Lake

247-41-10200-2053-3205-4069

10/9/2024

Coordinates: 61.894510, -151.614834

Datasheet: Coho smolt captured in two minnow traps in Canyon Lake, within lake and near outlet. Lake residents had constructed a dam at outlet, but water was visibly flowing underneath dam. Dam does not appear to be a passage barrier for adult salmon due to the presence of coho smolt within the lake, but could be a barrier to juvenile fish. Two traps were set in the lake body, approximately 10 m apart. One trap (61.894510, -151.614834) captured 12 coho, and the other (61.894532, -151.614982) captured 7 coho and 1 three-spine stickleback. In total, 19 juvenile coho were captured.

System Name Canyon Cr. Lake			Date 10/9/24
Trap# 1/2	Start 11:15	End 1510	
Lat 61.894510		Long 151.614834	
Species		Fork length (mm)	
Coho		103, 102, 98, 97, 124, 103, 94, 101, 101, 106, 99, 97	
total		12 coho	
comments in lake by self-made sand bag dam			

System Name Canyon Cr Lake		Date 10/9/24	
Trap# 2/2	Start 11:15	End 1511	
Lat 61.894532		Long 151.614982	
Species		Fork length (mm)	
Coho	93, 84, 98, 97, 109, 87, 102,		
Stickle	56		
total	7 coho + 1 stickle = 8		
comments	10 ft from other trap in lake		



Photos: Coho smolt captured in minnow traps set in Canyon Lake, near outlet but in lake. Residents constructed sandbag dam at outflow, traps were set above dam in lake.



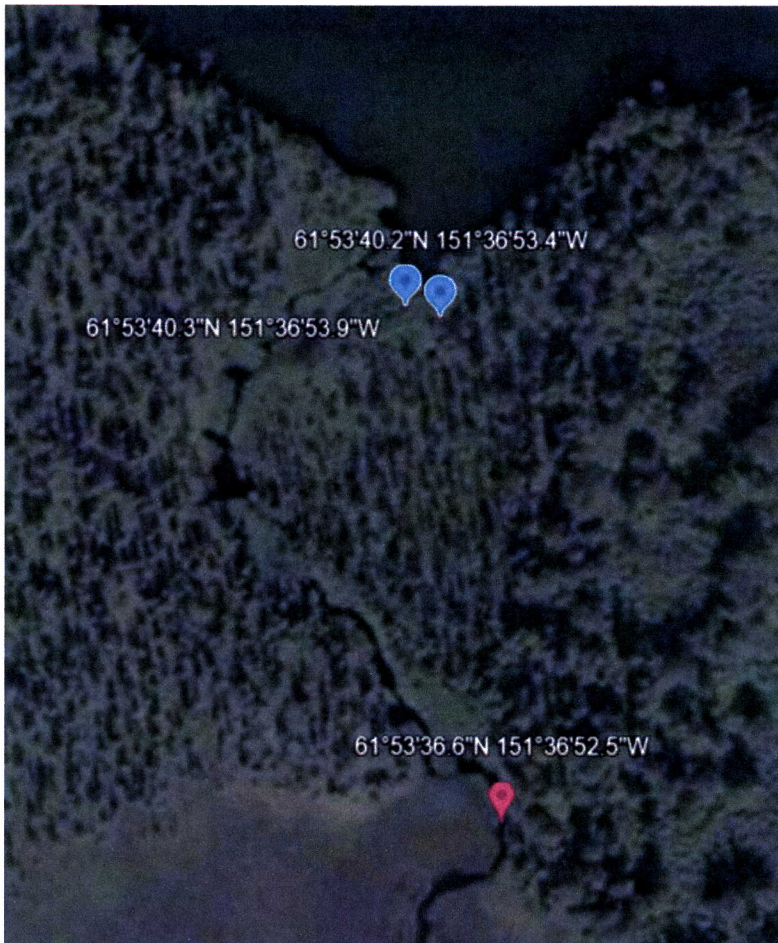








Map: Blue point are sites of minnow traps in Canyon Lake. Lower red point is site of minnow traps set on 8/14/2024 (pending AWC nomination 24-826). Two traps set on this visit were set in the lake proper, demonstrated in above photos picturing the sandbag dam structure. Lake boundary appears to have expanded from previous aerial imagery.





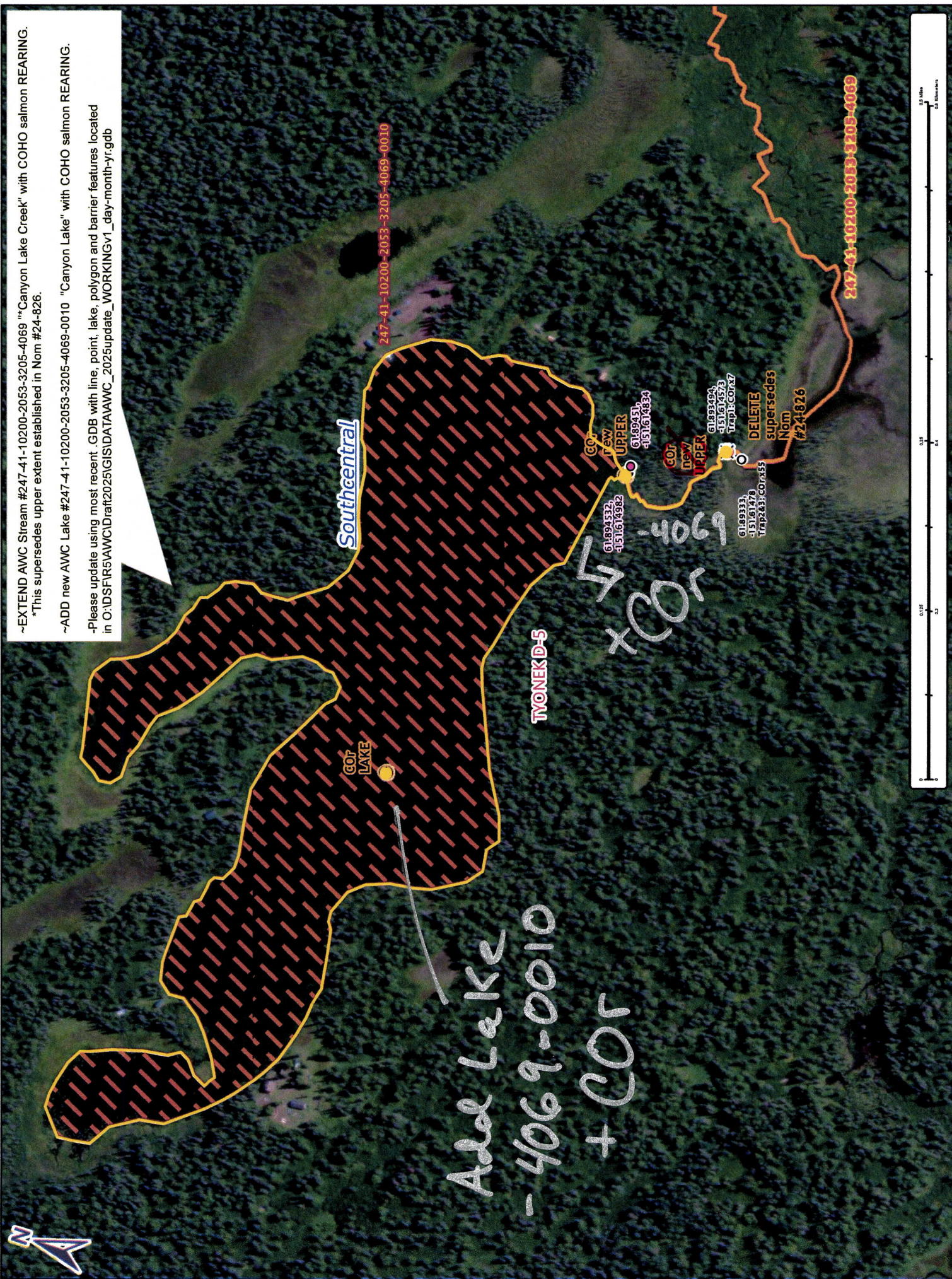
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFR5AWCIDraft2025\GIS\DATA\AWC\_2025update\_WORKINGv1\_day-month-yr.gdb











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Nom #24-948

Map #3