



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern USGS Quad(s) Juneau B-2
 Anadromous Waters Catalog Number of Waterway 111-50-10500-2025
 Name of Waterway Wesley Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>10-762</u>	_____	_____
Revision Year: <u>2011</u>	Fisheries Scientist	Date _____
Revision to: Atlas _____	Habitat Operations Manager	Date _____
Both <u>X</u>	<i>[Signature]</i>	<u>16 Sept 10</u>
Revision Code: <u>A-2, A-3</u>	AWC Project Biologist	Date _____
	Cartographer	Date _____

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/28/2010		✓	✓	✓
sockeye salmon	08/21/2010	✓			

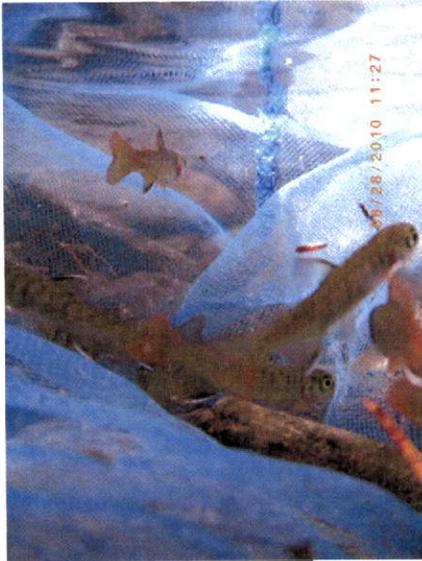
IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing 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:
 I surveyed Wesley Creek on June 28 and used a hand net to sample for coho salmon. Minnow traps supplemented. A total capture was approximately 45-50 coho fry from both minnow traps and hand net. Many more were visually identified. On a return hiking trip I observed spawning sockeye salmon in the lower reach above and below the bridge indicated on the map.
 Coordinates (Lat,Long): Upper(58.4248,-134.593994) Lower(58.418998,-134.589004)
Add new stream w/ coho salmon rearing & sockeye salmon spawning - Add local name to DB

Name of Observer (please print): Tess Quinn
 Signature: 146.63.139.55 (Web Nomination) Date: 09/16/2010
 Agency: _____
 Address: PO Box 35032 PO Box 35032
Juneau, AK 99803

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 02/08
 Name of Area Biologist (please print): _____

Addition of West Mendenhall Lake Stream (Wesley Creek)

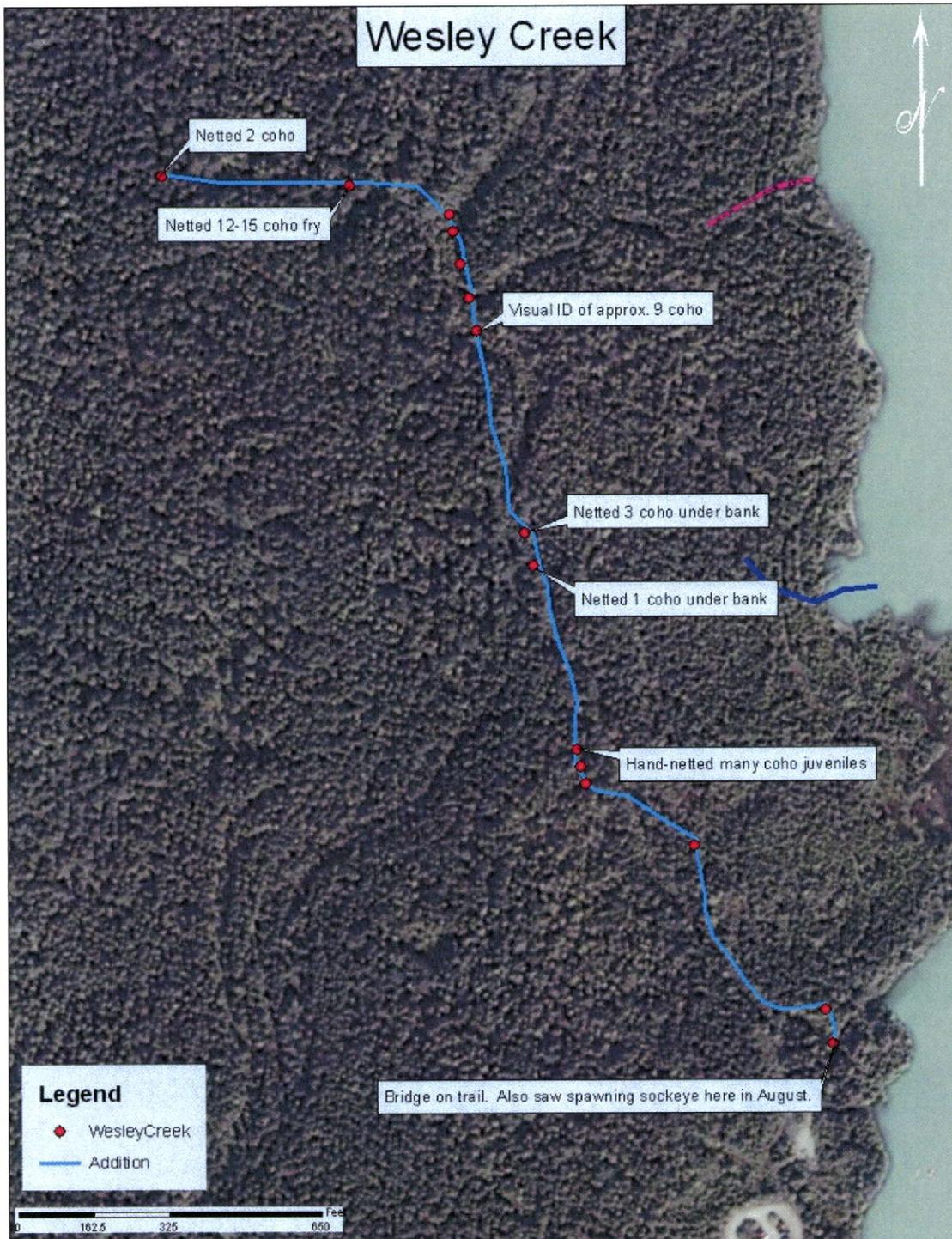


Coho netted in Wesley Creek

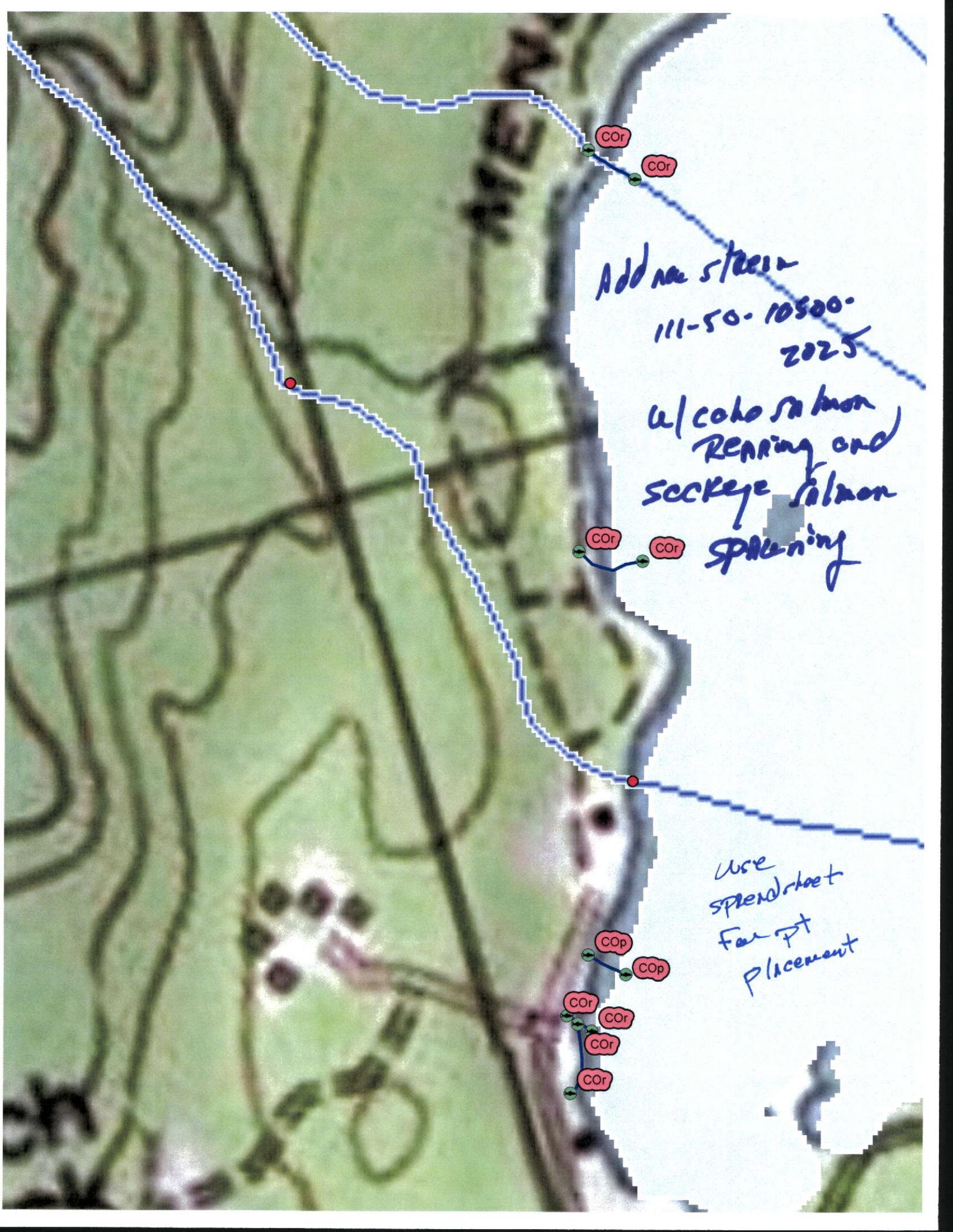
On June 28, 2010, I surveyed an uncataloged stream flowing into the west side of Mendenhall Lake (Juneau-B2 Southeast Region) with a Garmin GPS and sampled with minnow traps and a hand net. The following table provides sampling information and the latitude and longitude of the upper and lower extents of the anadromous portion. The map illustrates sample locations and fish presence.

I deployed minnow traps and allowed them to soak for 1-3 hours. Net sampling with a small aquarium net was very effective and yielded most of the coho caught. This stream is extremely productive and has excellent spawning habitat in the lower reaches and good rearing throughout. The substrate consists of gravels, cobbles, and some larger boulders in the upper reach. I also observed spawning sockeye in the lower reaches in August.

NAME	DATE	COMMENTS	LAT	LONG
uncataloged stream	6/28/2010	on bridge along west glacier trail.	58.418998	-134.589004
trap 1	6/28/2010	set trap on left bank under leaning alder.	58.4192	-134.589004
trap2	6/28/2010	set trap in smmall ppool below lwd cascade.	58.4192	-134.589004
trap 3	6/28/2010	set trap in calm pool next to mossy rock. gravels, fines.	58.420299	-134.589996
confluence	6/28/2010	possible trib or sidechannel	58.420799	-134.591003
braided channel	6/28/2010		58.420898	-134.591003
net sample	6/28/2010	netted tens ofcoho fry; saw hundreds	58.421001	-134.591003
net sample	6/28/2010	netted 1 coho under bank.	58.4221	-134.591003
net sample	6/28/2010	netted three coho under bank.	58.422298	-134.591003
observation	6/28/2010	observed approx. 9 coho	58.4235	-134.591003
tributary	6/28/2010	confluence of trib and mainstem.	58.423698	-134.591003
net sample	6/28/2010	netted two coho in possible trib	58.4239	-134.591003
practice offset	6/28/2010	mike netting coho in trib	58.424098	-134.591003
trib cont	6/28/2010	trib parallels mainstem	58.424198	-134.591003
net sample	6/28/2010	mike netted 12-15 coho fry	58.424499	-134.591995
side channel	6/28/2010	thought it was a trib...just a sidechannel..	58.424499	-134.591995
end of survey	6/28/2010	stream gradient steepens and begins a continuous climb. netted 2 coho. still need future investigation.	58.4248	-134.593994



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 Division of Habitat
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Add new stream

111-50-10500-
2025

w/ coho salmon
REARING and
sockeye salmon
SPAWNING

Use
spreadsheet
for pt
placement