



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

Nomination Form
Anadromous Waters Catalog

Region Southcentral USGS Quad(s) Tyonek A-4

AWC Number of Water Body Tributary to 247-20-10010-2030 -3008

Name of Water body *Tributary of *Middle Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>15-353</u>	<u>James J. Harwood</u>	<u>10/26/2015</u>
		Fisheries Scientist	Date
Revision Year:	<u>2016</u>	<u>Michelle J. A.</u>	<u>10/26/15</u>
		Habitat Operations Manager	Date
Revision to: Atlas _____ Catalog _____		<u>SG</u>	<u>24 July 15</u>
Both <u>X</u>		AWC Project Biologist	Date
Revision Code: <u>A-2</u>		<u>Q6</u>	<u>11 515</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	June 11, 2015		X	X	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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

On June 11, 2015, 13 coho salmon (FL 66-89 mm) were captured in 2 minnow traps set on June 10. Furthest upstream extent of fish captured was at N 61.1450/W 151.3440. Biologists Josh Brekken and Jacob Cunha were on site. See additional information attached (Site 111).

Add new creek w/ coho salmon rearing

Name of Observer (please print): Josh Brekken

Signature: J. Brekken

Agency: ADF&G

Address: 333 Raspberry Road
Anchorage, AK 99518

Date: 7/23/15
ALASKA DEPT. OF FISH & GAME
JUL 23 2015

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 11/13

Name of Area Biologist (please print): _____

Additional Information
AWC Nomination 111-2015
J.Brekken

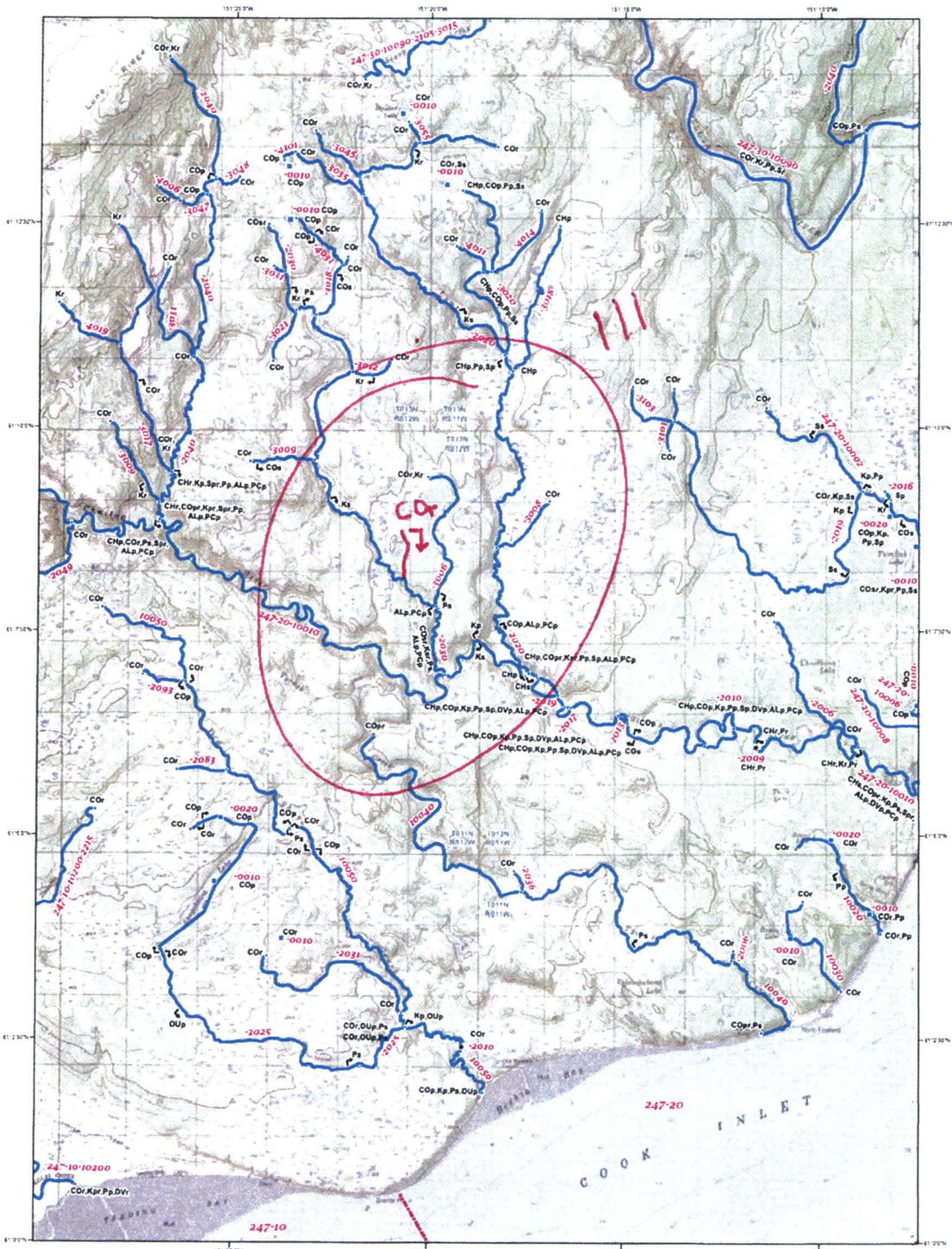
We electrofished at Site 110 for about 10 minutes and captured 4 coho salmon (29-34 mm FL) and 4 slimy sculpin. This stream is a tributary of Stream 2003 and has a mix of gravel and silt substrates. Multiple beaver dams exists both up and downstream from this site and the stream exists as pools/ponds above the dams with intermittent riffles and runs between. Evidence of spawning was present at this site; one redd was observed and young of the year were captured here (upstream of two substantial beaver dams). Four minnow traps were set upstream of here, two near Site 111 and two near Site 112. After soaking for 22.5 hours the traps were checked on June 11. The two traps near Site 111 contained 13 coho salmon (66-89 mm FL), 6 Dolly Varden (110-132 mm FL), and 1 rainbow trout (75 mm FL). The traps at Site 112 contained no fish. The current upstream extent of anadromy is likely between Sites 111 and 112. Numerous beaver dams exist throughout this reach. The beaver dams along this reach of stream are actively maintained at present.



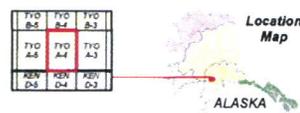
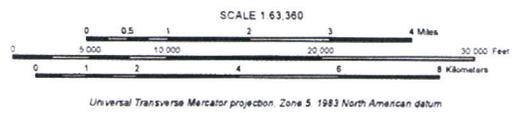
Coho salmon captured at Site 111, June 11, 2015



Coho salmon captured at Site 111, June 11, 2015



Base map created with TOPO ©2005 National Geographic Maps. All Rights Reserved.
 The geographical base map data are based on USGS topographic maps. USGS elevation data, and the USGS Geographic Names Information System. Please consider carefully the fact that the geographic data may not be adequate for purposes requiring precision or for similar purposes including, but not limited to, navigation, tracing, or emergency response.
 Access this map on the web at <http://www.adfg.alaska.gov/FARRN/AWC/index.cfm?ADF6maps.maps>



• Lower/Upper Point of Stream
 L Midstream Species Begin/End Point
 ★ Short Stream (Under 660 feet)
 ■ Lake (Under 660 feet)
 ▲ Barrier
 Anadromous Streams
 Anadromous Areas
 AWC Stat Area
 Regional Boundary

SPECIES CODES

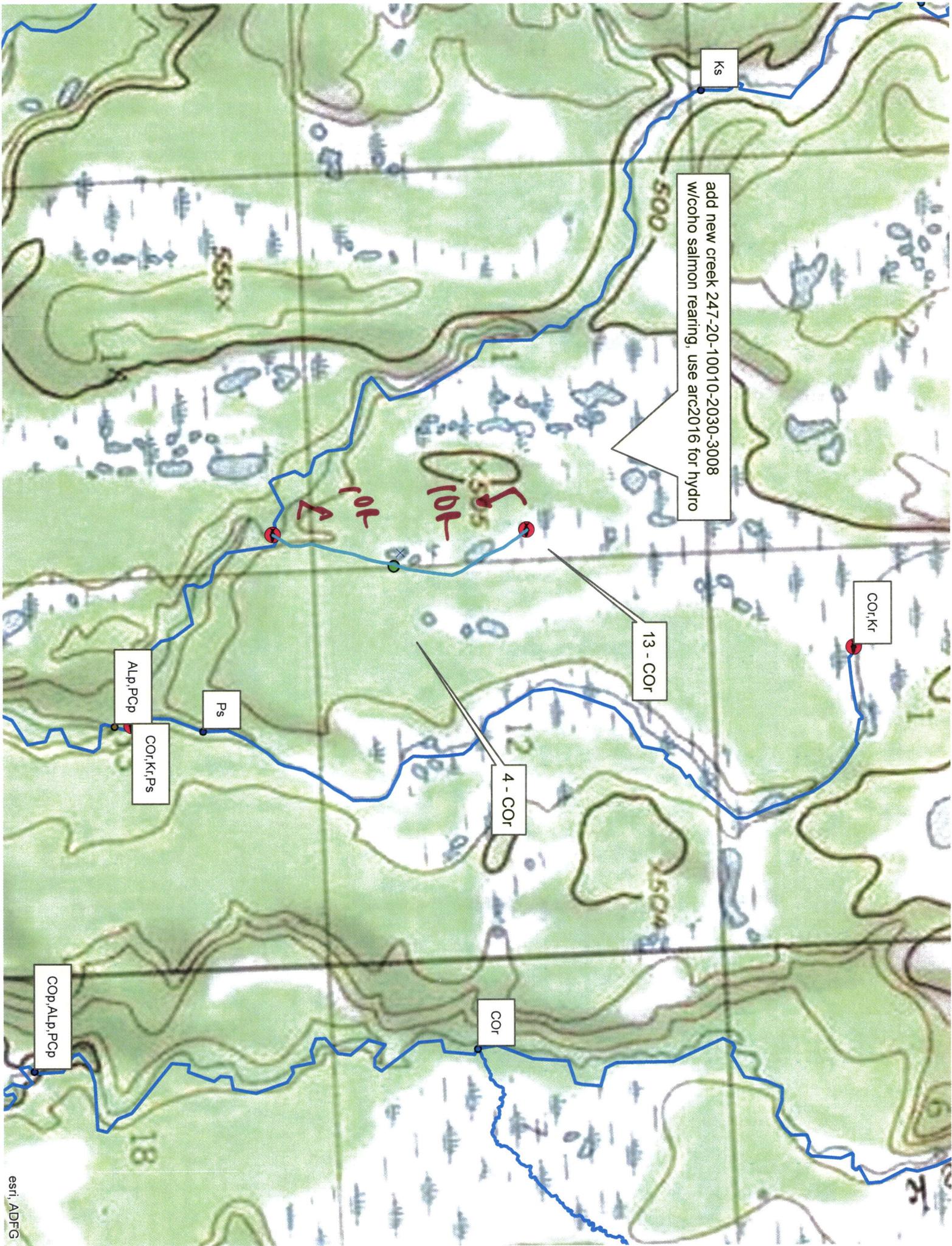
CO coho salmon	AC Arctic char	LV river lamprey
CM chum salmon	AL Arctic lamprey	OL longfin smelt
K chinook salmon (king)	AW Arctic cisco	OM rainbow smelt
P pink salmon	BC broad whitefish	OU outwash
S sockeye salmon	BV Bering cisco	PC Pacific lamprey
	CT cutthroat trout	SF inconnu (sheefish)
	DV Dolly Varden	SH steelhead trout
	GS green sturgeon	SM small, undifferentiated
	HW humpback whitefish	ST sturgeon, undifferentiated
	LC least cisco	W whitefish, undifferentiated
	LP lamprey, undifferentiated	WG white sturgeon

LIFESTAGE CODES

p Present
m Migration
r Rearing
s Spawning



Anadromous Waters Atlas
 Quad No. 059 (TYO)
Tyonek
A-4
 Produced By
 State of Alaska
 Department of
 Fish and Game
 Revised Date 10/21/11



add new creek 247-20-10010-2030-3008
w/coho salmon rearing, use arc2016 for hydro

KS

COR,Kr

13 - COR

4 - COR

COR

COR,Kr,Ps

Ps

ALp,PCp

COP,ALp,PCp

10T

10T