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

Nomination Form
Anadromous Waters Catalog

M 18

Region: ~~SWT~~ INT

USGS Quad(s): MC GRATH C-2

Anadromous Waters Catalog Number of Waterway: 335-30-16600-2350-3211

Name of Waterway: Jones River ☐ USGS Name ☐ Local Name

☐ Addition ☐ Deletion ☐ Correction ☑ Backup Information

For Office Use

Nomination #	09-246	Fisheries Scientist	5/26/09 Date
Revision Year:	2010	Habitat Operations Manager	5/26/09 Date
Revision to:	Atlas ____ Catalog ____ Both ✓	AWC Project Biologist	4 May 09 Date
Revision Code:	B-2	Cartographer	11/18/09 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho salmon	9/16/08	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.

Comments: Spawning Coho salmon observed in Jones River and South Fork Kuskokwim River during genetic sampling trip

Add coho salmon spawning to 335-30-16600-2350-3211

Name of Observer (please print): SARA GILK

Signature: Sara E. Gilk

Date: 4/16/09

Agency: ADF&G - CF

Address: 333 Raspberry Road
Anchorage, AK 99518

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: Douglas B. Molyneaux Date: 3/27/09

Name of Area Biologist (please print):

Revision 05/08

COHO

SILLYY

Code	Species	Drainage	Location	GPS coords Lat.	GPS coords Long.	Decimal Degree Lat.	Decimal Degree Long.	Date	GPS Waypoint	Comments
COBIGR08	coho salmon	Kuskokwim River	Big River	62°17.669'	154°50.670'	**62.29448**	**-154.84450**	14-Sep-08	170	in clear side channel; spawning unknown
COMFKU08	coho salmon	Kuskokwim River	Middle Fork	62°37.823'	154°40.746'	**62.63038**	**-154.67910**	15-Sep-08	053	mouth of creek, coho schooling in deeper pool; not spawning?
COWINDF08	coho salmon	Kuskokwim River	Windy Fork	62°44.014'	154°38.118'	**62.73357**	**-154.63530**	15-Sep-08	037	holding in deeper hole; not spawning?
COSFKUM08	coho salmon	Kuskokwim River	South Fork, braided area near Jones River mouth	62°34.184'	153°34.076'	**62.56973**	**-153.56793**	16-Sep-08	071	spawning; shallow clear side channel or creek mouth
COSFKUU08	coho salmon	Kuskokwim River	South Fork, creek south of Jones River	62°32.882	153°33.058'	**62.54803**	**-153.55097**	15-Sep-08	074	spawning observed; clear unnamed creek
COTINCR08	coho salmon	Kuskokwim River	Tin Creek	62°32.342'	153°35.684'	**62.53903**	**-153.59473**	16-Sep-08	078	spawning; in shallow clear mouth of Tin Creek near mainstem

CHUM

SILLYY

Code	Species	Drainage	Location	GPS coords Lat.	GPS coords Long.	Decimal Degree Lat.	Decimal Degree Long.	Date	GPS Waypoint	Comments
CMBIGR08	chum salmon	Kuskokwim River	Big River	62°36.379'	155°00.807'	**62.60632**	**-155.01345**	14-Sep-08	165	spawning (on redds); in clear side channel
CMWINDF08	chum salmon	Kuskokwim River	Windy Fork	62°41.663'	154°35.558'	**62.69438**	**-154.59263**	15-Sep-08	045	spawning (on redds)
CMSFKU08	chum salmon	Kuskokwim River	South Fork, Cottonwood Island	62°54.614'	154°05.737'	**62.91023**	**-154.09562**	16-Sep-08	063	west side clear side channel; near "Cottonwood Island" (local name); spawning (on redds)

Johnson, J D (DFG)

From: Molyneaux, Doug B (DFG)

Sent: Wednesday, January 28, 2009 12:32 PM

To: Gillis, Karen (BSFA/AYK SSI); Estensen, Jeff L (DFG); Clark, Kevin J (DFG); Evenson, Dani F (DFG); Albertson Lamont (work); Beverly Hoffman (Bethel); Collins Ray (Federal RAC); Ruggerone Greg (Nat Res. Consultants); Shelden, Christopher A (DFG); Stewart, Rob L (DFG); Williams, Derick L (DFG); Elison, Travis B (DFG); Bradley, Nicholas D (DFG); Buckwalter, Joseph D (DFG); Gilk, Sara E (DFG); Crane Penny (USFWS / Genetics); Decovich, Nick A (DFG); Gillikin Daniel (USFWS/YDNWR - Fish Bio); Miller Steve (USFWS-KFWFO-Bethel); Harper Ken (USFWS / KFAO); Arno - Upper Stony River (stonyriverlodge@starband.net); Brodersen, Amy R (DFG); White John (Chairperson AYK-SSI); Sanders, Jeff; Berger, Judy M (DFG); Bob Aloysius (bob.aloysius@hotmail.com); Bue, Doug G (DFG); Cannon Dave (Fishery Biologist); Cannon Richard L (USFWS-OSM); Rivard, Donald (USFWS OSM); Chythlook, John S (DFG); Thalhauser, Mike (KNA Partners Biologist); Stuby, Lisa A (DFG); Dann, Tyler H (DFG); Ruggerone Greg (Nat Res. Consultants); Dammeyer Mitch (Napaimuit Trad. Council); Garvin Michael (UAF/JCFOS); Griso David (KNA/Kuskokwim Watershed Council); Hall Joe (CVRF - Fisheries Manager); Mouw, Jason E B (DFG); Linderman, John C (DFG); Lisac Mark (USFWS, Togiak NWR); Olsen Jeff (USFWS / Genetics); Rand, Pete (Wild Salmon Center); Roczicka, Greg (ONC); jjspaeder@earthlink.net; Stark, Chris (BSFA); jack.stanford@mso.umt.edu; Zimmerman Chris (USGS)

Cc: Johnson, J D (DFG); Liller, Zachary W (DFG)

Subject: FW: Kuskokwim Coho Stream Nominations for Anadromous Waters Catalog

To All:

One of the benefits to the radio telemetry work we are doing in the Kuskokwim is expansion of the State of Alaska Anadromous Waters Catalog. In the attached originating e-mail message Zach Liller lists new ominations that resulted from the 2008 radio telemetry operations in the Kuskokwim River drainage. We ave made similar use of radio telemetry results from sockeye and Chinook salmon.

One of the reasons I have cc'ed so many folks is to heighten awareness that they can get more bang for the uck out of research findings by providing nomination to the Anadromous Waters Catalog if they suspect they ave found fish were previously not documented. Being able to document that fish are actually spawning in a ocation is of particular interest for the Anadromous Waters Catalog. If you have questions about the AWC, ontact J. Johnson.

Johnson:

ease note that we also collected genetic samples from spawning coho salmon in the upper mainstem Stony ver drainage, upstream of the Tired Pup Creek confluence, which may allow you to have a designation of pawning" rather than just "Present". The person who collected the samples was Arno Krum of Stony River odge. The location was 3 miles upstream of the Tired Pup Creek Confluence. Arno 11/96

e also had a genetics baseline sampling initiative last fall for coho and Kuskokwim River fall chum and the llection points are listed below for coho (Penny Crane can confirm Lat-Long and whether they were awning):

uth Fork Kuskokwim R (at Nikolai)			
At Nikolai (fish wheel)	200		
Dillinger Creek (near Farewell)	0		
Tin Creek (near Farewell)	119	62.32342	153.35684
Unnamed Creek #1	10	62.32882	153.33058 coho spawn present in Kusko native
Unnamed Creek #2	54	62.34184	153.34076
ddle Fork (fall)	21	62.37830	154.40746
Windy Fork	27	62.44014	154.38118
River	23	62.70528	155.01944
hpower Creek	50		

Johnson, J D (DFG)

From: Gilk, Sara E (DFG)
Sent: Monday, March 09, 2009 3:45 PM
To: Johnson, J D (DFG); Molyneaux, Doug B (DFG); Berger, Judy M (DFG); ftmrg@uaf.edu
Cc: Brodersen, Amy R (DFG)
Subject: Upper Kuskokwim 2008 Sampling Locations
Attachments: KuskokwimSamplingCoordinates2008.xls

Hello, all. I have finally gotten around to double checking sampling locations for the genetics sampling we did in the upper Kuskokwim last fall. I think that there was some confusion in the past for conversions from the GPS coordinates to Decimal Degrees. I've mapped these coordinates, and everything looks good. You'll notice that I wasn't able to confirm spawning status for some of the coho collections; I wasn't present during some of the sampling, so it would be difficult to verify spawning status from lights overhead. I don't recall any visible redds for coho except in the South Fork locations, but you might contact Penny Crane to ask about the other collections (Big, Middle, and Windy), since she actually had her hands on the fish.

Please let me know if you have any questions. Amy and I will have to get together here shortly and write up a formal trip report—it should have some further documentation of salmon we spotted from the air but did not sample.

Sara

Sara E. Gilk
Fisheries Geneticist
Gene Conservation Laboratory
Alaska Dept. of Fish and Game
333 Raspberry Rd, Anchorage AK 99518
Phone: (907)267-2535
Fax: (907)267-2442
Email: sara.gilk@alaska.gov

Johnson, J D (DFG)

From: Penelope_Crane@fws.gov
Sent: Tuesday, March 10, 2009 2:38 PM
To: Johnson, J D (DFG)
Subject: Re: FW: Upper Kuskokwim 2008 Sampling Locations

Hi Jay, I'd say they were holding, but all fish were in spawning colors.
Penny

"Johnson, J D (DFG)" <j.johnson@alaska.gov>	Penelope_Crane@fws.gov	To
03/10/2009 09:44 AM		cc
	FW: Upper Kuskokwim 2008 Sampling Locations	Subject

Hi Penny

Can you provide coho salmon life stage data for Big River, Middle and Windy Fork collections?

J. Johnson
ADF&G
Anadromous Waters Catalog
Project Biologist
907-267-2337

From: Gilk, Sara E (DFG)
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Sara

335-30-16600-2350-3211-4021
335-30-16600-2350-3209
335-30-16600-2350
Add coho salmon spawning
to 335-70-16600-2350 FRI
OLLINGER
JONES
RIVER
FORK
22
23
24
26
28
33
35
36
1000