



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

Nomination Form
Anadromous Waters Catalog

M JB

Region SWT INT USGS Quad(s) MC GRATH C-4
 Anadromous Waters Catalog Number of Waterway 335-30-16600-2300-3095
 Name of Waterway Windy Fork Middle Fork Kuskokwim USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>09-238</u>	<u>[Signature]</u>	<u>5/26/09</u>
Revision Year:	<u>2010</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u>	<u>5/26/09</u>
Revision Code:	<u>b-2</u>	Habitat Operations Manager	Date
		<u>[Signature]</u>	<u>04/15/09</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>11/18/09</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
chum salmon	9/15/2008	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: Spawning Chum salmon observed during genetic sampling trip @ 62.69438N latitude, -154.59263 W longitude
 Add chum salmon spawning to a portion of 335-30-16600-2300-3095
These are "Fall-run" chum salmon

Name of Observer (please print): SARA E. GILK
 Signature: [Signature] Date: 4/1/09
 Agency: ADF&G Gene Conservation Lab
 Address: 333 Raspberry Rd
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: [Signature] Date: 3/27/09 Revision 05/08
 Name of Area Biologist (please print): _____

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

lo, 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 one of the coho collections; I wasn't present during some of the sampling, so it would be difficult to verify spawning status from photos 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 would have some further documentation of salmon we spotted from the air but did not sample.

a

Sara E. Gilk
Genetics Geneticist
Conservation Laboratory
Alaska Dept. of Fish and Game
Raspberry Rd, Anchorage AK 99518
Phone: (907)267-2535
(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> To
Penelope_Crane@fws.gov cc
03/10/2009 09:44 AM Subject
FW: Upper Kuskokwim 2008 Sampling
Locations

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)
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

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 flights 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

And below for spawning Fall Chum (Sara Gilk can confirm Lat.-Long and whether they were spawning):

South Fork Kuskokwim (fall); lower drainage (151	62.55294	154.06704
South Fork Kuskokwim (fall); middle drainage	0		
South Fork Kuskokwim (fall); upper drainage (0		
Big River - Upper Kuskokwim River (fall)	0		
Big River (fall); lower drainage (downstream o	100		
Big River (fall); lower drainage (downstream o	99	62.46917	155.01944
Big River (fall); middle drainage (near Lone M	0		
Big River (fall); upper drainage (near White M	0		
Middle Fork (fall)	0		
Windy Fork (fall)	138	62.41420	154.35069

From: Liller, Zachary W (DFG)

Sent: Wednesday, January 28, 2009 11:48 AM

To: Schaberg, Kevin L (DFG)

Cc: Molyneaux, Doug B (DFG)

Subject: Coho Stream Nominations for Anadromous Waters Catalog

FYI,

Using our coho salmon aerial survey results, J. Johnson has nominated 12 streams to be updated for inclusion in the 2010 (??) catalog. Each nomination was to list adult coho salmon as "Present". The designation of "Present" was used because we cannot confirm these tributaries were actually used for spawning. I've summarized the nominations below. I also have copies of the nomination forms and maps.

Nomination for listing coho as "Present" in a new stream (i.e. no record of any coho life stages):

Unnamed tributary of the Tatlawiksuk

Nomination for extending the upstream boundary of where coho are currently listed as "Present", "Spawning", or "Rearing":

Unnamed tributary of the South Fork of Hoholitna

Stony River mainstem above Necons

Tired Pup Creek, Stony River

Atsaksovluk, Aniak River

Kolmakof River

Upper Swift River mainstem

Shotgun Creek, Holitna

Nomination for listing coho as "Present" in systems where only coho "Spawning" or "Rearing" is currently listed:

North Fork of George River

Upper Holokuk

Getmuna Creek, Crooked Creek

Buckstock, Aniak

Zachary W. Liller

Fisheries Research Biologist

Kuskowim Area

Alaska Department of Fish and Game

Commercial Fisheries Division

333 Raspberry Road

Anchorage, AK 99518

Phone: 907-267-2380

Fax: 907-267-2442

1/28/2009

COHO		SILLYY		GPS coords		Decimal Degree		Date		GPS	
Code	Species	Drainage	Location	Lat.	Long	Lat.	Long	Date	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?	
COMWIND08	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?	
COSEKJUM08	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	
COSEFKU08	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		GPS coords		Decimal Degree		Date		GPS	
Code	Species	Drainage	Location	Lat.	Long	Lat.	Long	Date	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	
CMWIND08	chum salmon	Kuskokwim River	Windy Fork	62°41.663'	154°35.558'	62.69438	-154.59263	15-Sep-08	045	spawning (on redds)	
CMSEFKU08	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)	

Add Chin salmon spawning to
7 335-50-16600-2300-3095

