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

Nomination Form
Anadromous Waters Catalog

MJB

Region: ~~SWT~~ IWT

USGS Quad(s): MC GRATH C-5

Anadromous Waters Catalog Number of Waterway: 335-30-16600-2300-3030

Name of Waterway: Big River ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	09-237	Fisheries Scientist	5/26/09 Date
Revision Year:	2010	Habitat Operations Manager	5/26/09 Date
Revision to:	Atlas ____ Catalog ____ Both X	AWC Project Biologist	04/15/09 Date
Revision Code:	b-2	Cartographer	11/18/09 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
chum salmon	9/14/2008	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 habitat; locations, types, and heights of any barriers; etc.

Comments: Spawning Chum salmon observed during genetic sampling trip @ 62.60632 N latitude, -155.01345 W longitude

Add chum salmon spawning to a portion of 335-30-16600-2300-3030

These are "Fall-Run" chum salmon

Name of Observer (please print): SARA E. GILK

Signature: Sara E. Gilk

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

Name of Area Biologist (please print):

Revision 05/08

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

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

lease 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 hould have some further documentation of salmon we spotted from the air but did not sample.

ara

ra E. Gilk
sheries Geneticist
ene Conservation Laboratory
aska Dept. of Fish and Game
3 Raspberry Rd, Anchorage AK 99518
one: (907)267-2535
c: (907)267-2442
ail: 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)
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

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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.

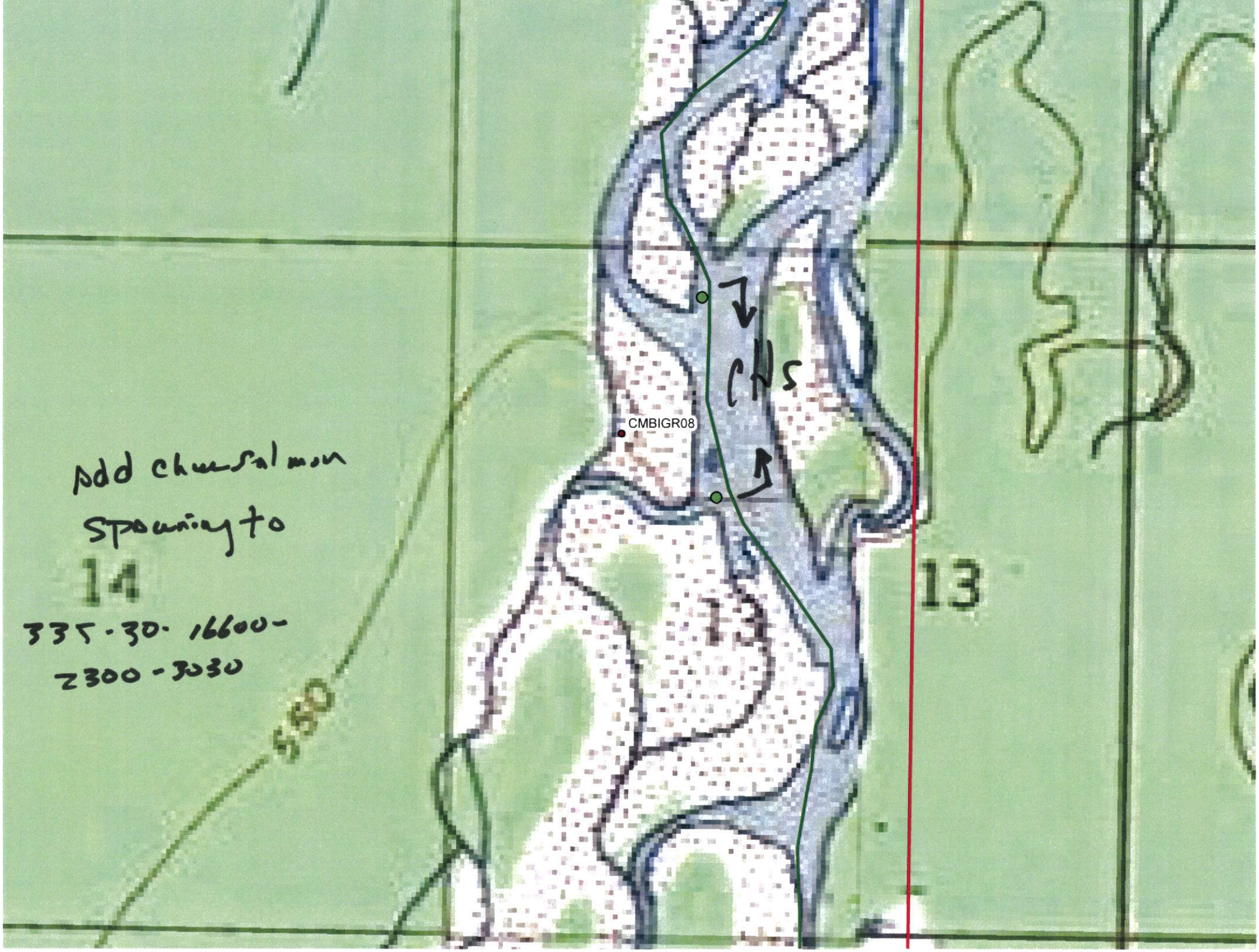
Sara

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)


CMBIGR08
CHS
13
14
550
Add chum salmon
spawning to
335-30-16600-
2300-3030