



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

Sutwik Island D-6

Region Southwest USGS Quad(s) Chignik D-1 ITM
 Fish Distribution Database Number of Waterway 272-60-10080 & 0010
 Name of Waterway Aniakchak River (Surprise Lake Outlet) and Surprise Lake USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use:
 Nomination # 06-381 [Signature] 10/19/06
 ADF&G Fisheries Scientist Date
 Revision Year: 2007
 Revision to: Atlas Catalog [Signature] 10/19/06
 ADNR OHMP Operations Mgr. Date
 Both X
 Revision Code: [Signature], B-1 [Signature] 10/24/06
 FDD Project Biologist Date
 Cartographer Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Oncorhynchus keta	Aug 8-Aug 19 2006	Yes		Yes	<input checked="" type="checkbox"/>
Oncorhynchus keta	Aug 8-Aug 19 2006			Yes	<input checked="" type="checkbox"/>
<u>PINK SALMON</u> <u>(O. gorbuscha)</u>					<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:
 The pink salmon were first observed from the bank of the Aniakchak River above The Gates (Surprise Lake Outlet) and then captured with beach seine. Schooling and active digging at and other spawning behavior was observed. More than 100 individuals were observed from a 100m walk along the east bank of the Outlet (area "A" on the map). A casual estimate of total numbers of individuals present in the outlet area is 300-800.
 We observed occasional pink salmon near the Surprise Lake beaches (eastern side of Surprise Lake) at a much lesser density than in the outlet ("B" and "C" on the map) and also in the lake very near to the Outlet ("D" on the map). We observed digging activity once along the Surprise Lake beaches but I cannot remember the precise location of this observation. I believe that these pinks were going to spawn in this lake habitat, but I don't know what the observational criteria are for "spawning" vs. "present".
Extend pink salmon presence
in 272-60-10080

Name of Observer (please print): Scott Pavey and add pink spawning
 Signature: [Signature] Date: 10/11/2006 to lake
 Agency: Katmai National Park
 Address: PO Box 7
King Salmon, Alaska 99613 (-0010)

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 Fish Distribution Database.

Signature of Area Biologist: [Signature] Date: [Signature] Revision 02/05
 Name of Area Biologist (please print): MARK Sticheat ANAKCHAK CHIGNIK

J Johnson

From: Mark Stichert [mark_stichert@fishgame.state.ak.us]
Sent: Wednesday, October 11, 2006 4:24 PM
To: j_johnson@fishgame.state.ak.us
Cc: Ken Bouwens; David A Sterritt
Subject: Aniakchak River & Surprise Lake

Attachments: mark_stichert.vcf



mark_stichert.vcf
(379 B)

J

I flew several aerial surveys over Aniakchak River and Surprise Lake this summer. The last place I recorded pink salmon in the Aniakchak was at Hidden Cr. - about 5 miles downstream from the 'Gates'. I'm not aware of migration barriers between Steve Pavey's observations and mine so I think his nomination to extend pink salmon presence to the Gates seems reasonable.

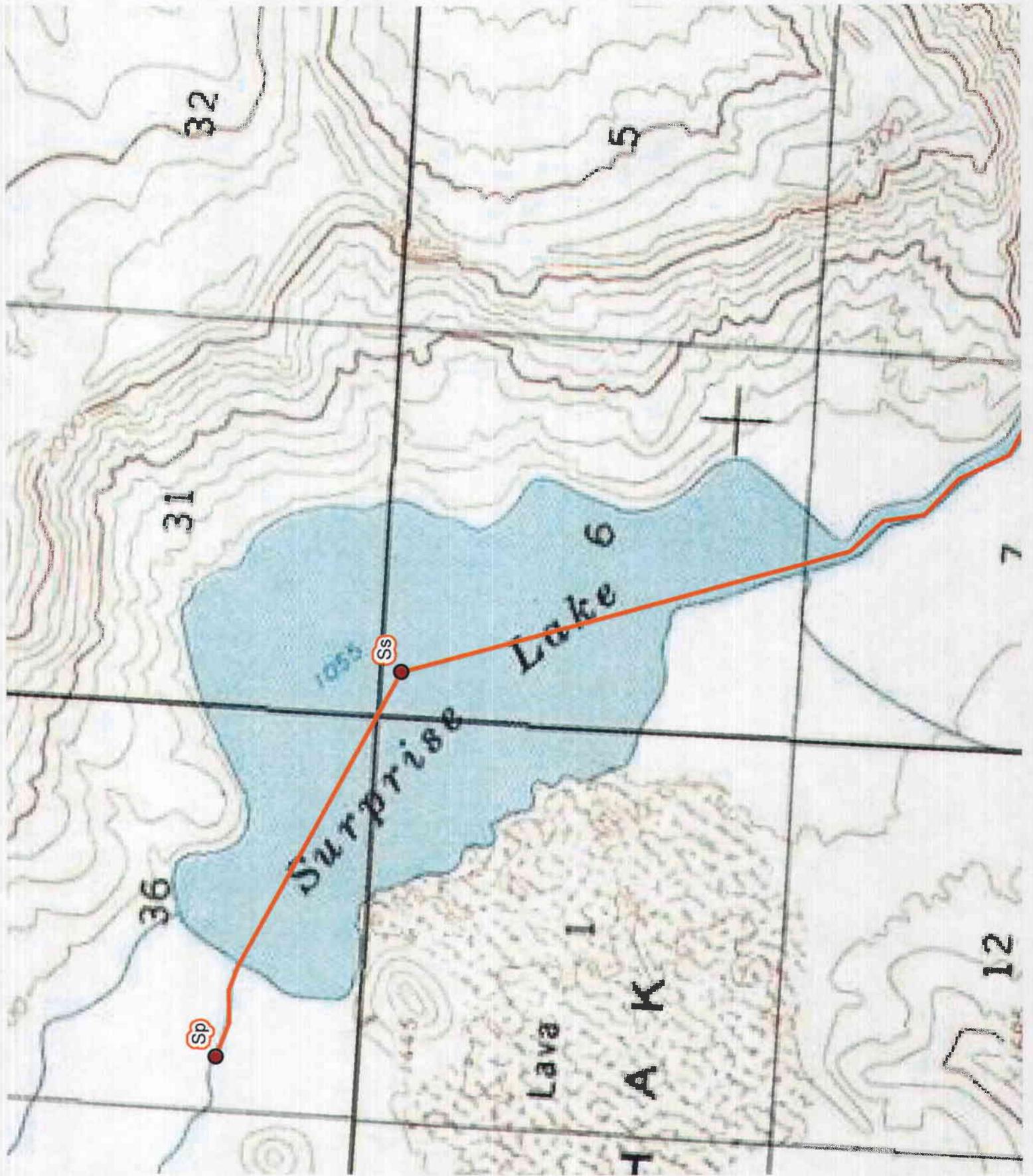
Most of the Aniakchak is fairly turbid so any documentation on the ground is better than what I see from the air.

The section of river in the Gates is considerably steeper but passable for pinks. I think Surprise Lake itself has limited spawning habitat but worth including as well.

Cheers,

--Mark





Report of Collection Activities for permit SF-2006-128

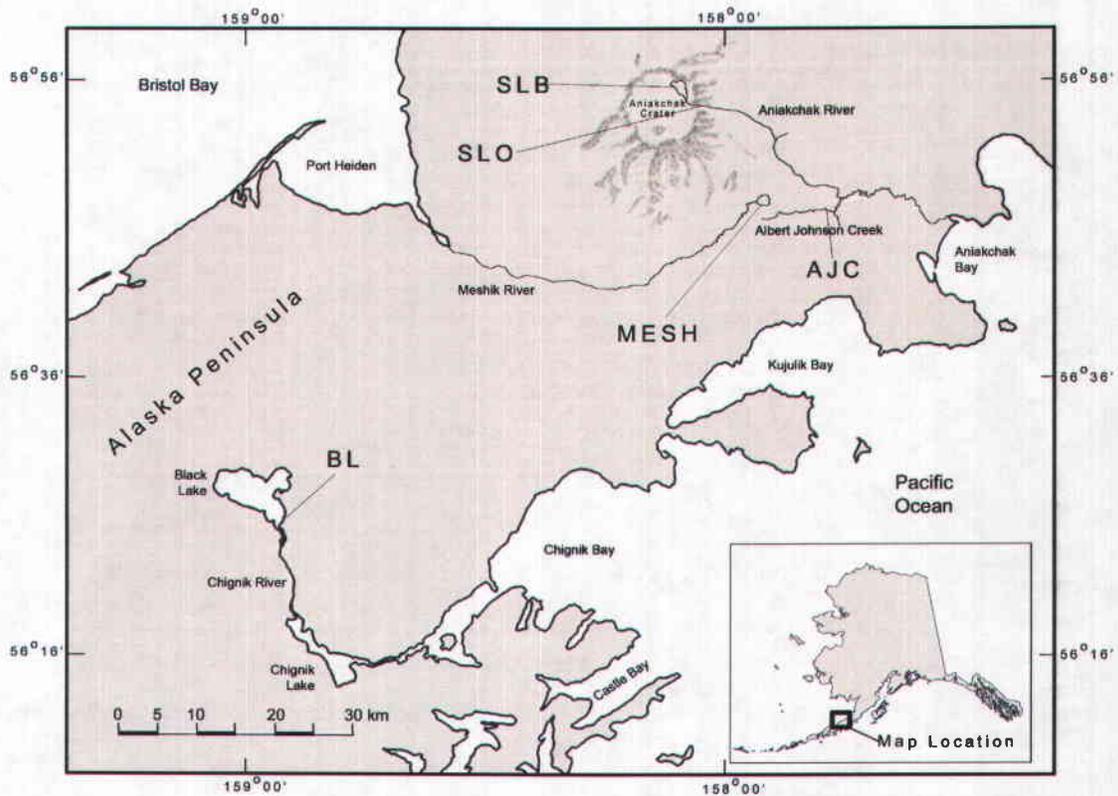
Sampling of sockeye salmon took place at the Surprise Lake beaches (SLB), Surprise Lake outlet (SLO) and Albert Johnson Creek (AJC; figure 1). All sampling took place between August 3th and August 19th.

Two hundred seventy three genetic samples were collected from adults at the Surprise Lake beaches. For 50 of these individuals, 20 eggs were also collected. Eleven of these individuals were euthanized and collected. All others were released unharmed.

Five juveniles were collected from the Surprise Lake beaches.

Forty two genetic samples were collected from adult sockeye at the Surprise Lake outlet. We collected 20 eggs from each of these individuals. Ten of these individuals were euthanized and collected and the rest were released unharmed. While sampling the sockeye we also caught pink salmon in our net. These are the first pink salmon documented in Aniakchak caldera and we collected 55 genetic samples to document this colonization event.

Eleven adult and eleven juvenile sockeye were euthanized and collected from Albert Johnson Creek



J Johnson

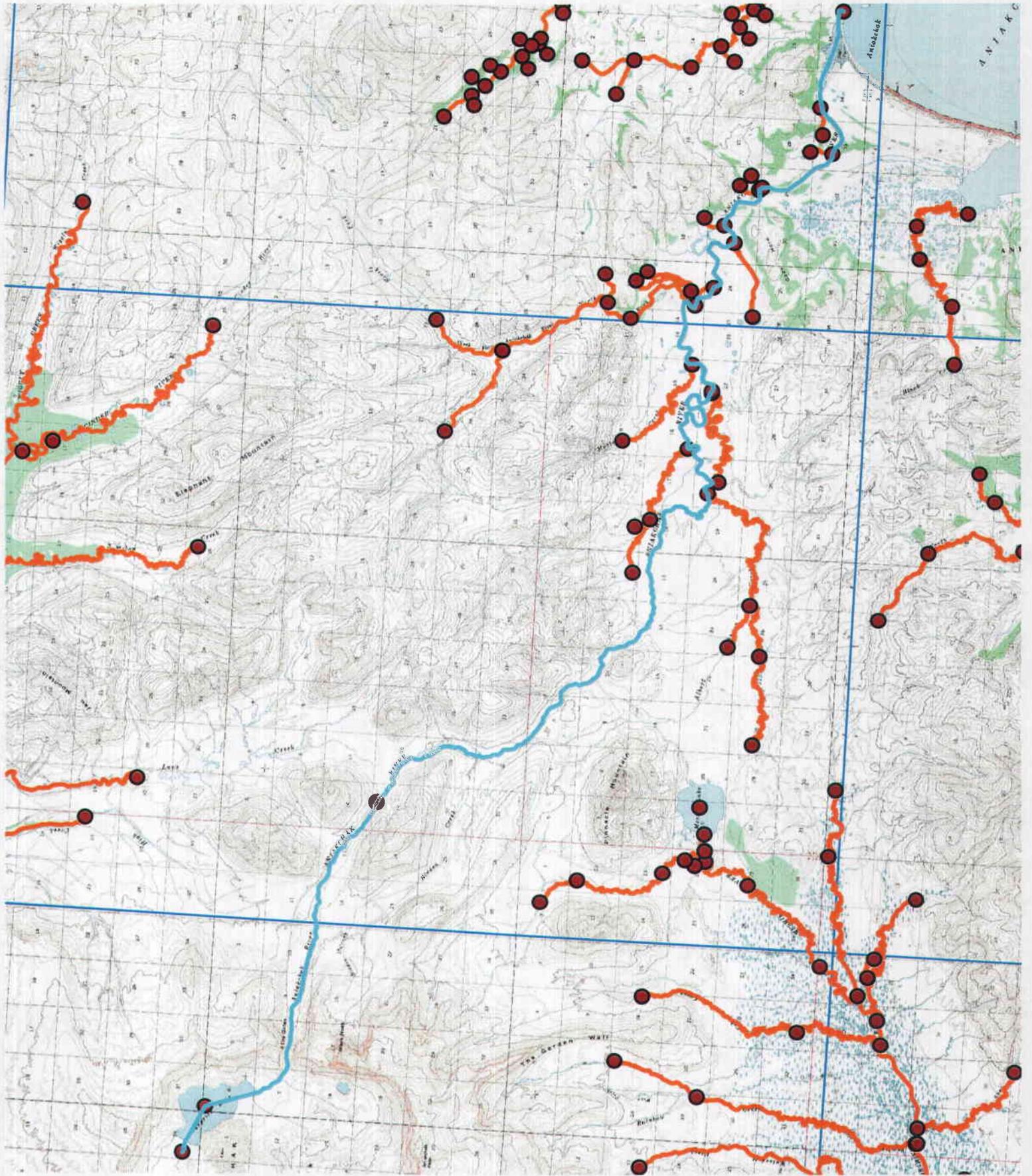
From: Scott Pavey [spavey@sfu.ca]
Sent: Friday, October 06, 2006 9:31 AM
To: j_johnson@fishgame.state.ak.us
Subject: Re: pink salmon observations

Mr. Johnson,

I observed pink salmon in the outlet and smaller numbers of pink salmon on the Surprise Lake beaches. I observed spawning activity. I am happy to provide this information and update the database.

Cheers,

Scott Pavey



J Johnson

From: Tammy J Davis [tammy_davis@fishgame.state.ak.us]
Sent: Friday, October 06, 2006 8:43 AM
To: j_johnson@fishgame.state.ak.us
Cc: 'Scott Pavey'
Subject: RE: SF2006-128_report

Hi J-

I've cc:'d Scott here so his e-mail is provided.
His contact number is: 907-246-2100.
The other email I have for him is: sockeye@sfu.ca

Have a great weekend, guys.

Tammy J. Davis
Fishery Biologist I
Division of Sport Fish
ADF&G
P.O. Box 115525
Juneau, AK 99811-5525
Phone (907) 465-6183
Fax (907) 465-2772

From: J Johnson [mailto:j_johnson@fishgame.state.ak.us]
Sent: Friday, October 06, 2006 6:56 AM
To: 'Tammy J Davis'
Subject: RE: SF2006-128_report

Tammy
Thx for the report
Please provide Scott's email address and/or phone number so I can contact him regarding his observations of pink salmon.
The dept has documented the presence of pink salmon in the Aniakchak River and several tribs, but not to Surprise Lake.

From: Tammy J Davis [mailto:tammy_davis@fishgame.state.ak.us]
Sent: Thursday, October 05, 2006 4:40 PM
To: len_schwarz@fishgame.state.ak.us; steve_schrof@fishgame.state.ak.us; j_johnson@fishgame.state.ak.us; Wiedmer, Michael (DFG)
Subject: SF2006-128_report

Hi all-
Please find attached Scott Pavey's report for FRP SF2006-128. Noteworthy, perhaps especially for J and Mike: Scott captured pink salmon in his nets in the Aniakchak Caldera.

Tammy J. Davis
Fishery Biologist I
Division of Sport Fish
ADF&G

10/6/2006

J Johnson

From: Scott Pavey [spavey@sfu.ca]
Sent: Friday, October 06, 2006 12:48 PM
To: j_johnson@fishgame.state.ak.us
Subject: Re: pink salmon observations

Mr. Johnson,

272-60-10080

Great. Please send it to the address below as I am away from Alaska during the school year.

Scott

<> <> <> <> <> <> <> <> <> <> <> <> <> <> <> <> <> <> <>

Scott A. Pavey
PhD Candidate
Department of Biological Sciences
Simon Fraser University
8888 University Drive
Burnaby, BC V5A 1S6
CANADA
604 291-5641
Fax 604 291-3496

RS

PS 17 PP

Extend pink salmon
presence to "The Gates"
Add pink salmon spawning
for "The Gates" to
 Surprise Lake

06-381

Add pink salmon spawning

to 272-60-1000-2010

KJPP

