



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database



Region SCN USGS Quad(s) TALKEETNA B-1
Fish Distribution Database Number of Waterway 247-41-10200-2320-3010-0010

Name of Waterway _____ USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>07 487</u>	<u>[Signature]</u>	<u>11/2/07</u>
		ADF&G Fisheries Scientist	Date
Revision Year:	<u>2008</u>	<u>[Signature]</u>	<u>11/2/07</u>
Revision to:	Atlas _____ Catalog _____	ADNR OHMP Operations Mgr.	Date
	Both <u>X</u>	<u>[Signature]</u>	<u>11/01/07</u>
Revision Code:	<u>A-2, A-3 C-1</u>	FDD Project Biologist	Date
		<u>[Signature]</u>	<u>11/19/07</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Sockeye salmon	9/23/2007	<input checked="" type="checkbox"/>		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: Sockeye salmon (100+) observed from helicopter in conjunction w/genetic sampling, add new lake 247-41-10200-2320-3010-0010, ~~no samples taken at this location,~~ change existing AWC# for Fish Lake from 247-41-10200-2320-3010-0010 to 247-41-10200-2320-3010-0020, spawners observed in lake

134
Samples
Taken here
Spawning

Name of Observer (please print): Andy Barclay
Signature: [Signature] Date: 10/10/2007
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 Fish Distribution Database.

Signature of Area Biologist: [Signature] Date: 11/01/07 Revision 02/05
Name of Area Biologist (please print): _____

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME DIVISION OF COMMERCIAL FISHERIES

SARAH PALIN, GOVERNOR

333 RASPBERRY ROAD
ANCHORAGE, ALASKA 99518-1599
PHONE: (907) 267-2105
FAX: (907) 267-2442

MEMORANDUM

TO: Bill Templin
Fisheries Geneticist III

DATE: 8/30/07

FROM: Andy Barclay
Fishery Biologist I

SUBJECT: UCI sockeye baseline sampling trip August 28, 2007

This memorandum summarizes the sockeye sampling trip on August 28, 2007. Sockeye genetic samples were collected from Birch Creek and Papa Bear Lake. The people on the Birch Creek sampling crew were; Bruce Whelan, Zac Grauvogel, and Beth McIn. Jordan Baumgartner and I were the sampling crew for Papa Bear Lake. The primary method of capturing was by gill or seine net. We collected an axillary process from each sockeye and put it into a bulk ethanol bottle for preservation. The Birch Creek crew drove to the sampling location on the Talkeetna Road (N62.25536 W150.08452). Jordan and I flew out of Talkeetna with Hudson Air in a C185 on floats from Christiansen Lake.

The Birch Creek crew sampled sockeye in a pond on the west side of the Talkeetna road (Fig. 1). They said that the bottom of the pond was really deep mud. They collected 134 axillary clips.

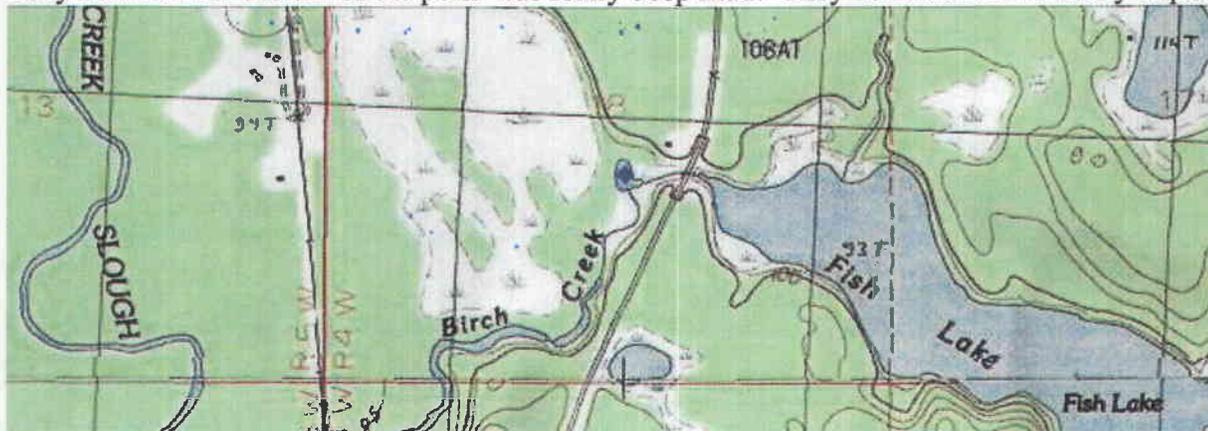


Figure 1 – Birch Creek sampling site

On the way to Papa Bear Lake we flew over Sockeye Lake to see if any sockeye were in there, we saw nothing. Jordan and I were dropped off at Papa Bear Lake near the inlet stream. We started sampling in the creek draining into the lake. We collected 10 sockeye samples after walking upstream about a quarter of a mile. The creek split and we walked up both forks, but didn't see any sockeye. There were sockeye in the lake just out from the creek but they were too deep for us to get. There was an old canoe near the creek that we used instead of hiking around the lake and it saved us a lot of time. We collected samples from sockeye spawning near the creek on the north end of the lake. The majority of fish were sampled in the connecting stream between Mama and Papa Bear Lakes and along the southwest shore of the lake (Fig.2). We collected a total of 54 sockeye in about 3.5 hours.

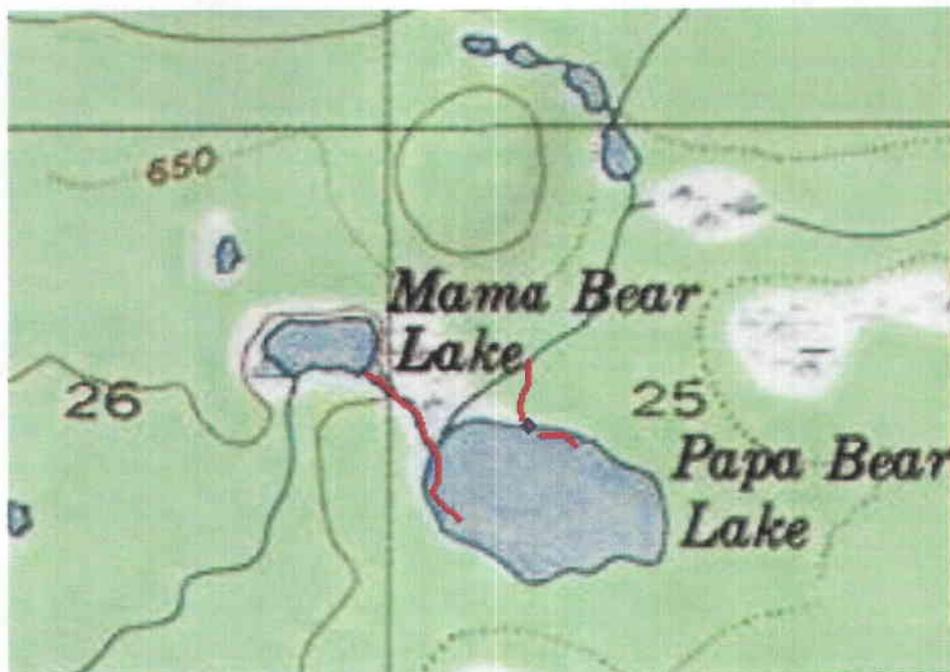
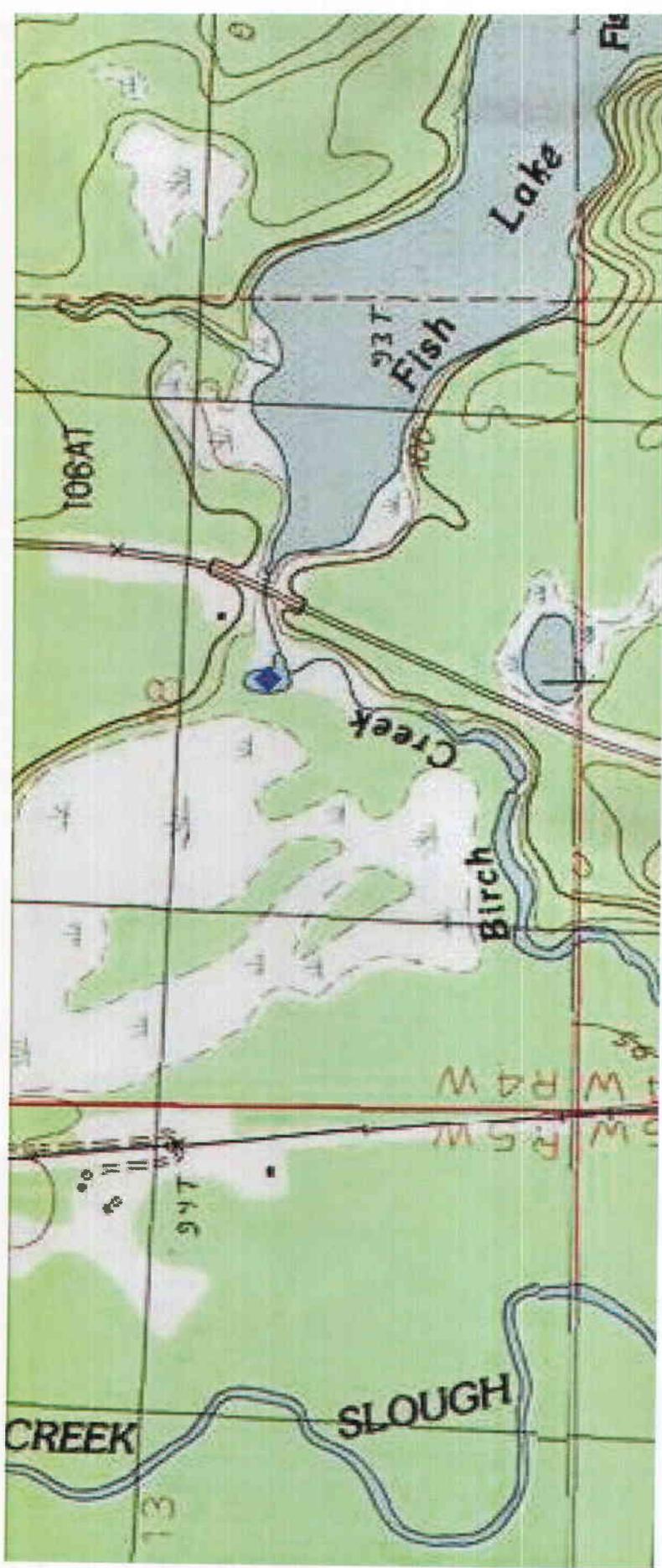


Figure 2 – Papa Bear sampling area. Red marks indicate where we collected samples from spawning sockeye.



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MEMORANDUM

TO: Bill Templin
Fisheries Geneticist III

DATE: 8/29/07

FROM: Andy Barclay
Fishery Biologist I

SUBJECT: UCI sockeye scouting flight August 23, 2007

This memorandum contains a summary of observations made while scouting for sockeye salmon in the Susitna and Yentna river drainages on August 23, 2007. This trip was conducted to confirm the presence of sockeye at locations where crews may be sent to collect genetic tissue samples.

For this scouting trip I flew in a PA12 on floats operated by Trailridge Air out of Lake Hood. The total flight time was about 10 hours. The pilot brought 10 gallons of extra gas along to extend our range. We also had to meet someone from Trailridge Air on the Skwentna River (N61.87305, W151.37211) to pick up 20 more gallons of gas in order to fly to Moose Creek and make it back to Anchorage.

Comment [WDT1]: Do you have his name by any chance so we can ask for him next year?

Susitna

Red Shirt Lake - The outlet of the lake is blocked off by beaver dams and there were no sockeye seen down stream.

Caswell Lake - Caswell Creek is blocked by several beaver dams. I didn't see sockeye in the lake or the creek.

Sunshine Creek - All of the lakes in this system are blocked off by beaver dams. I didn't see sockeye in the creek.

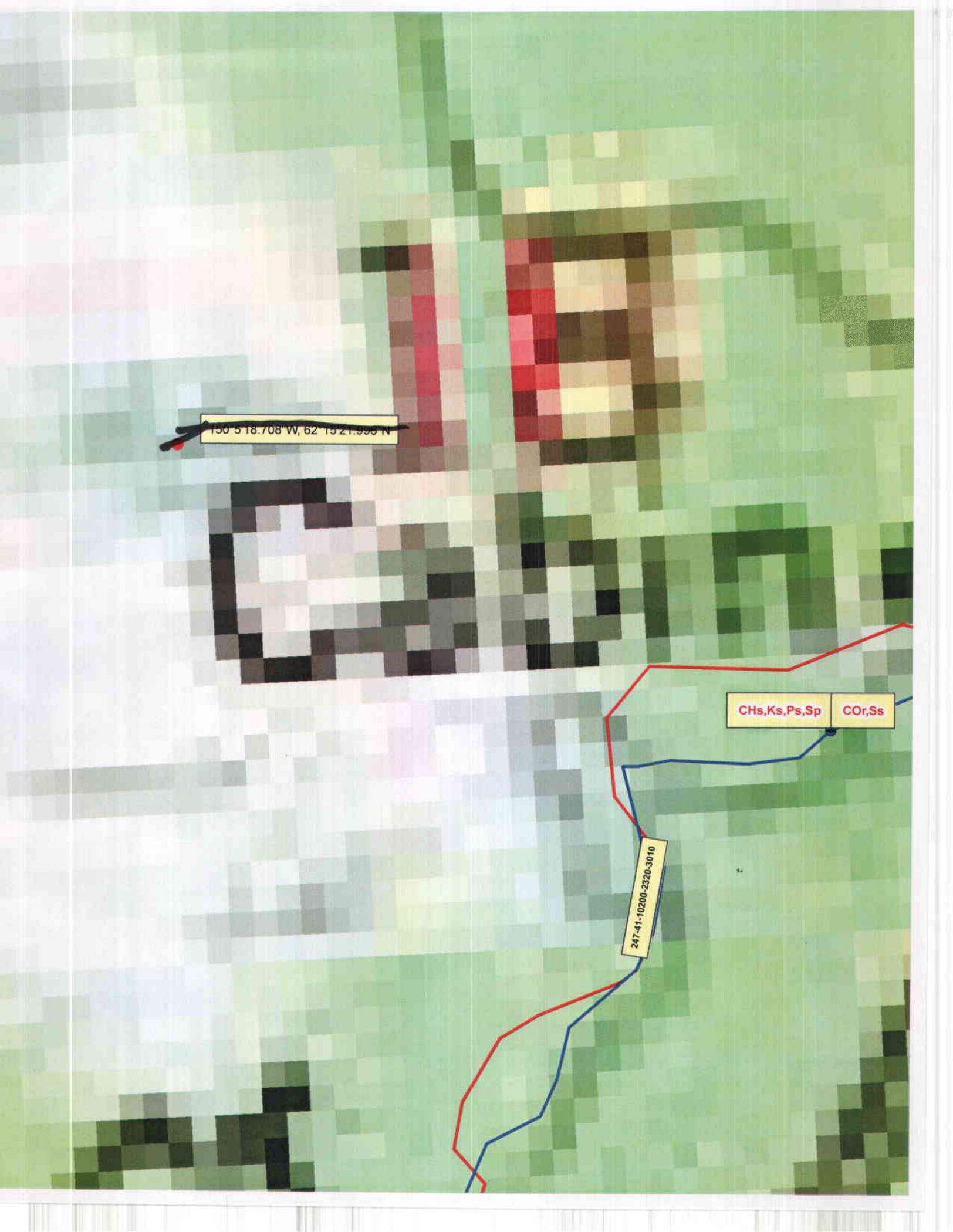
Birch Creek - There were hundreds of sockeye in a pond on the west side of the Talkeetna Road (N62.25611 W150.08853).

150° 5' 18.708" W, 62° 15' 21.996" N

CHs,Ks,Ps,Sp

COr,Ss

247-41-10200-2320-3010



Long - 150° 5.135

62° 15.295

CHs,Ks,Ps,Sp

COr,Ss

247-41-10200-2320-3010

new
Add lake SP
w/ Sockeye
Salmon present

297-91-10200-
2320-3010-0010

Need to add lake
to lake polygon

Remember
Fish Lake
(Inlet & Lake)
AS

297-91-10200-
2320-3010-0020