



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database



Region SCN USGS Quad(s) TALKEETNA MTS B-6
Fish Distribution Database Number of Waterway 247-41-10200-2370-3041-4010-0020

Name of Waterway Papa Bear Lake USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>07 492</u>	<u>[Signature]</u> ADF&G Fisheries Scientist	<u>11/2/07</u> Date
Revision Year: <u>2008</u>	<u>[Signature]</u> ADNR OHMP Operations Mgr.	<u>11/2/07</u> Date
Revision to: Atlas <input type="checkbox"/> Catalog <input type="checkbox"/> Both <input checked="" type="checkbox"/>	<u>[Signature]</u> FDD Project Biologist	<u>11/01/07</u> Date
Revision Code: <u>NA C-9</u>	<u>[Signature]</u> Cartographer	<u>11/19/07</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
sockeye salmon	8/27/2007	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: Nomination substantiates spawning sockeye salmon in 247-41-10200-2370-3041-4010-0020 & 247-41-10200-2370-3041-4010

update AKE AS map indicates

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: 10-16-07 Revision 02/05
Name of Area Biologist (please print):

dops email appears Feb 11/01/07

STATE OF ALASKA

SARAH PALIN, GOVERNOR

DEPARTMENT OF FISH AND GAME

DIVISION OF COMMERCIAL FISHERIES

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 28²⁸, 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 Mclain. 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.

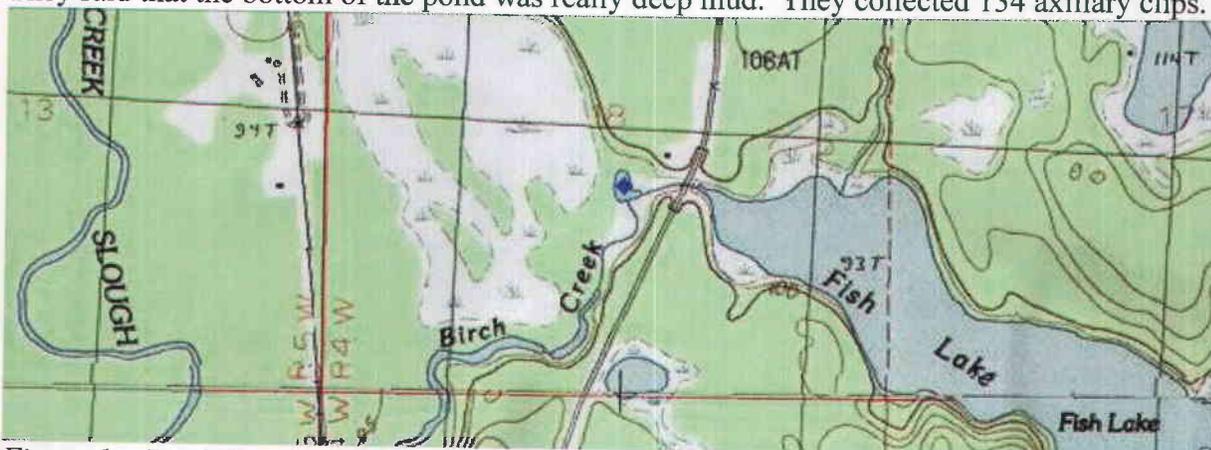


Figure 1 – Birch Creek sampling site

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.

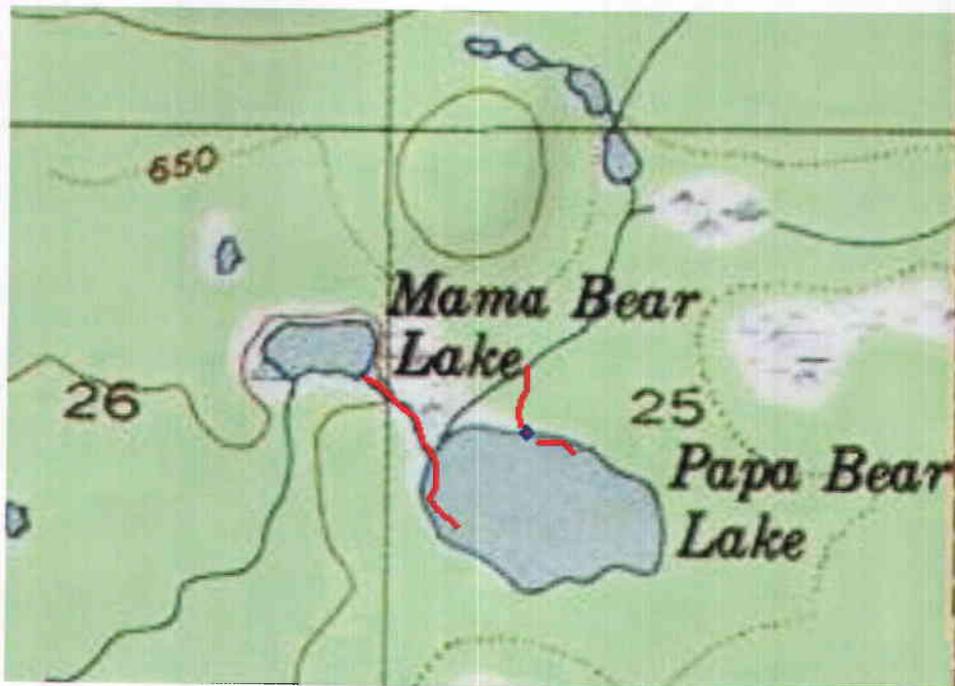
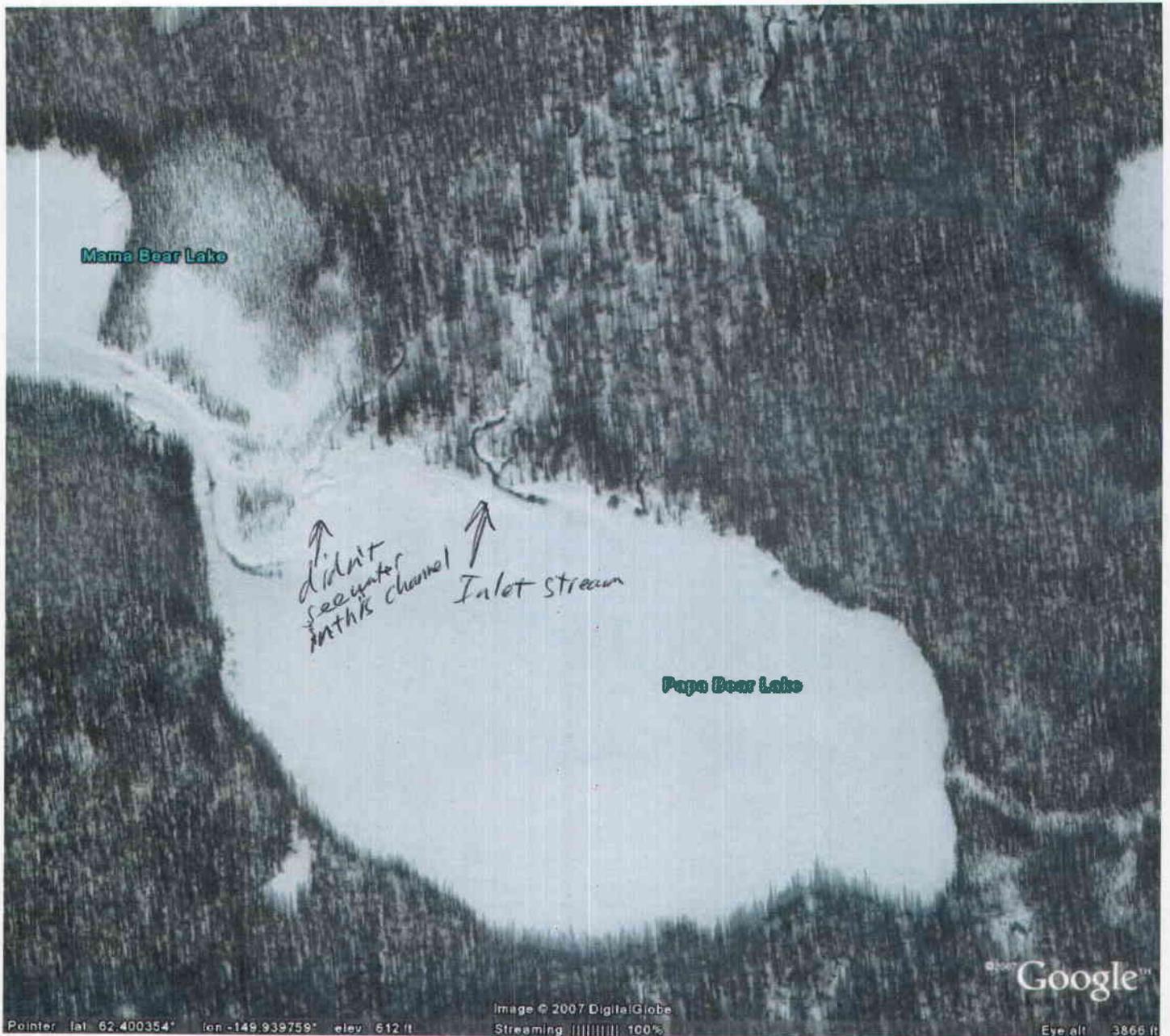


Figure 2 – Papa Bear sampling area. Red marks indicate where we collected samples from spawning sockeye.

Johnson, J D (DFG)

From: Barclay, Andy W (DFG)
Sent: Friday, October 12, 2007 10:46 AM
To: Johnson, J D (DFG)
Subject: Papa Bear Lake

Papa Bear Lake 62.40053, -149.93985



May want to change where stream enters
papa bear lake.





1100

24

Ks,Ps,Ss

800

650

650

COr

Kp,Pp,Sp

CHs,COs

Mama Bear Lake

25

Kp,Pp,Ssr

Papa Bear Lake

26

800

700

650