



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database



Region SCN

USGS Quad(s) TALKEETNA A-6

Fish Distribution Database Number of Waterway 247-41-10200-2053-3205-4112-5054-6012 (-0010)

Name of Waterway USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>07 497</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>10/17/07</u> Date
Revision Code:	<u>A-2, A-2d</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"/>
<u>(20)</u>					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

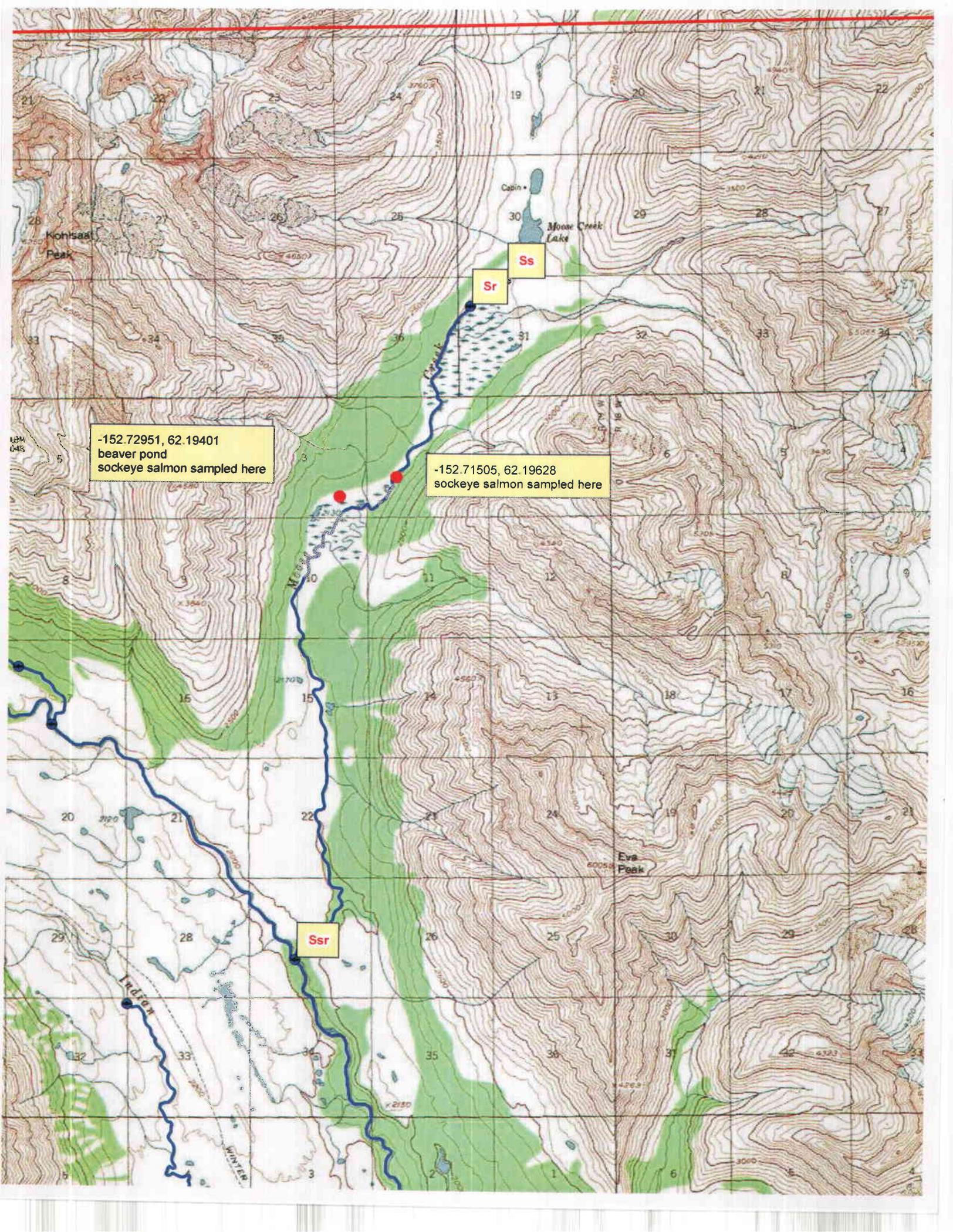
IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing 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: Sampling supports addition of new water body 247-41-10200-2053-3205-4112-5054-6012 & 247-41-10200-2053-3205-4112-5054-6012-0010 w/sockeye salmon presence and substantiates presence of sockeye salmon in 247-41-10200-2053-3205-4112-5054

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: 11/21/07 Revision 02/05
 Name of Area Biologist (please print): [Name]



-152.72951, 62.19401
beaver pond
sockeye salmon sampled here

-152.71505, 62.19628
sockeye salmon sampled here

Sr

Ss

Ssr

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

DIVISION OF COMMERCIAL FISHERIES

SARAH PALIN, GOVERNOR

333 RASPBERRY ROAD
ANCHORAGE, ALASKA 99518-1599
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MEMORANDUM

TO: Bill Templin
Fisheries Geneticist III

DATE: 8/30/07

FROM: Andy Barclay
Fishery Biologist I

SUBJECT: UCI sockeye baseline sampling trip August 27, 2007

This memorandum summarizes the sockeye sampling trip on August 27, 2007. Sockeye genetic samples were collected from three locations; the Kichatna River, Moose Creek (near Rainy Pass), and Spink Creek (Chulitna River). Zac Grauvogel, Nick DeCovich, and I were the sampling crew. 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. To fly to the sampling locations we used an R44 helicopter operated by Pollux Aviation based in Wasilla and flown by pilot Ray Hodges.

At 09:30 we met Ray at Pollux Aviation and loaded our gear in the R44. We flew to Moose Creek and landed near a beaver pond that contained sockeye around 10:45 (N62.19401, W152.72951) (Fig. 1). After collecting about 20 axillary's we decided to move to a more productive location. We flew up stream about a half mile to a location where there were many sockeye in the mainstem at the end of a bear trail (N62.19628, W152.71505). By 13:30 we had collected 100 axillary clips from Moose Creek and we flew up the valley and down into the Kichatna River.

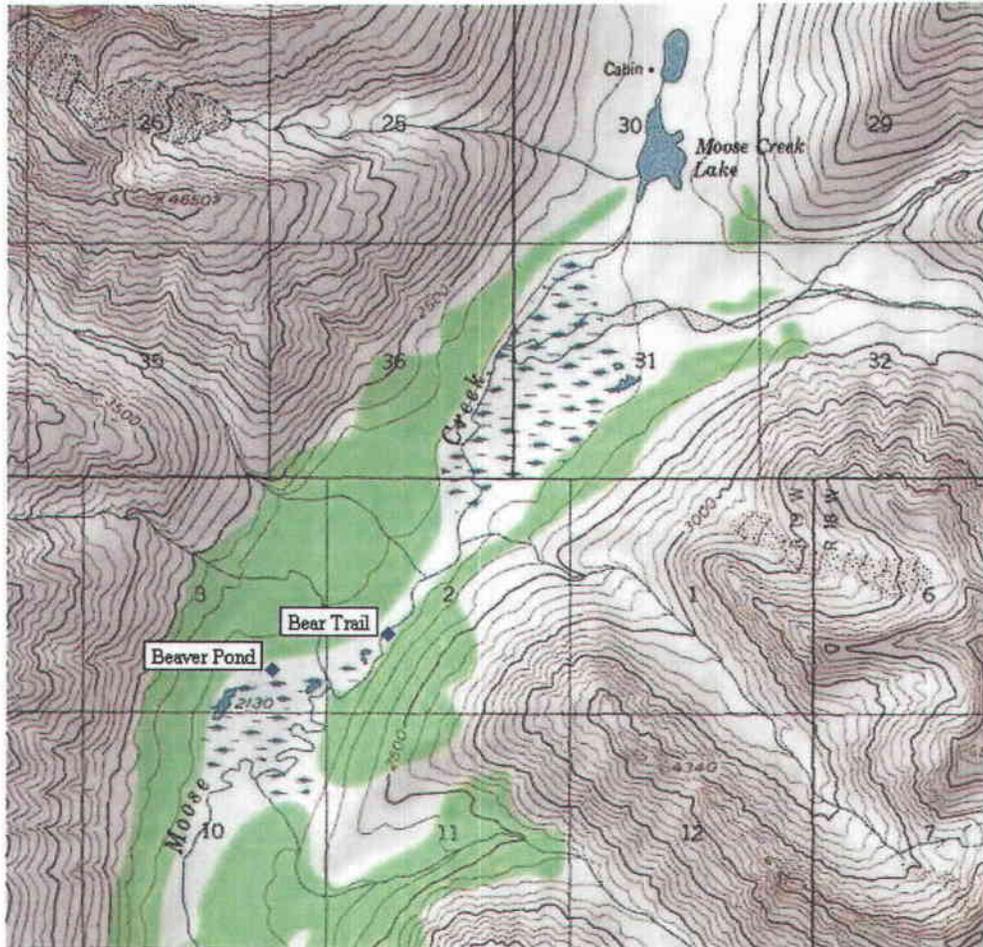


Figure 1 – Sampling sites on Moose Creek

At 14:00 we arrived at a clear creek on the Kichatna River (N62.23341, W152.39563) that contained hundreds of sockeye. This creek was branch from a creek we saw upstream that contained a few sockeye. We hiked about a quarter of a mile up the creek sampling along the way. The creek became shallow and covered with bushes and we didn't see any sockeye above this point (N62.23446, W152.39894). By 16:00 we had sampled around 100 sockeye and took off to find another location on the Kichatna River.

Donkey Creek – I flew the lake and the creek down stream from the lake and saw no sockeye. There were some salmon at the mouth of the creek, but I could only see ripples in the water. The lake and the creek were very tannic and I couldn't see anything in the water.

Kichatna River - There were several clear tributaries that contained sockeye and they were seen within the main stem and in sloughs. There was a largest concentrations in clear tributaries were found near these coordinates: (N62.20862 W152.30940) (N62.17141 W152.22346)

Creek near Johnson Creek – The pilot said that he had seen sockeye here so I decided to check it out. There was a cluster of sockeye and other salmon at the mouth of the creek (N62.09891 W151.59219). I didn't see anything up stream from the mouth, but I only flew upstream a mile or two.

Skwentna River

Moose Creek – I found concentrations of sockeye in this creek in a beaver pond (N62.19401 W152.72951) and half a mile upstream from the pond in the main stem (N62.19628 W152.71505). The creek water was glacial, but sockeye could be seen in shallow sections of the creek.

Hayes River – There was a clear stream flowing into the Hayes River (N61.92674 W151.88385) that had sockeye in the mouth.

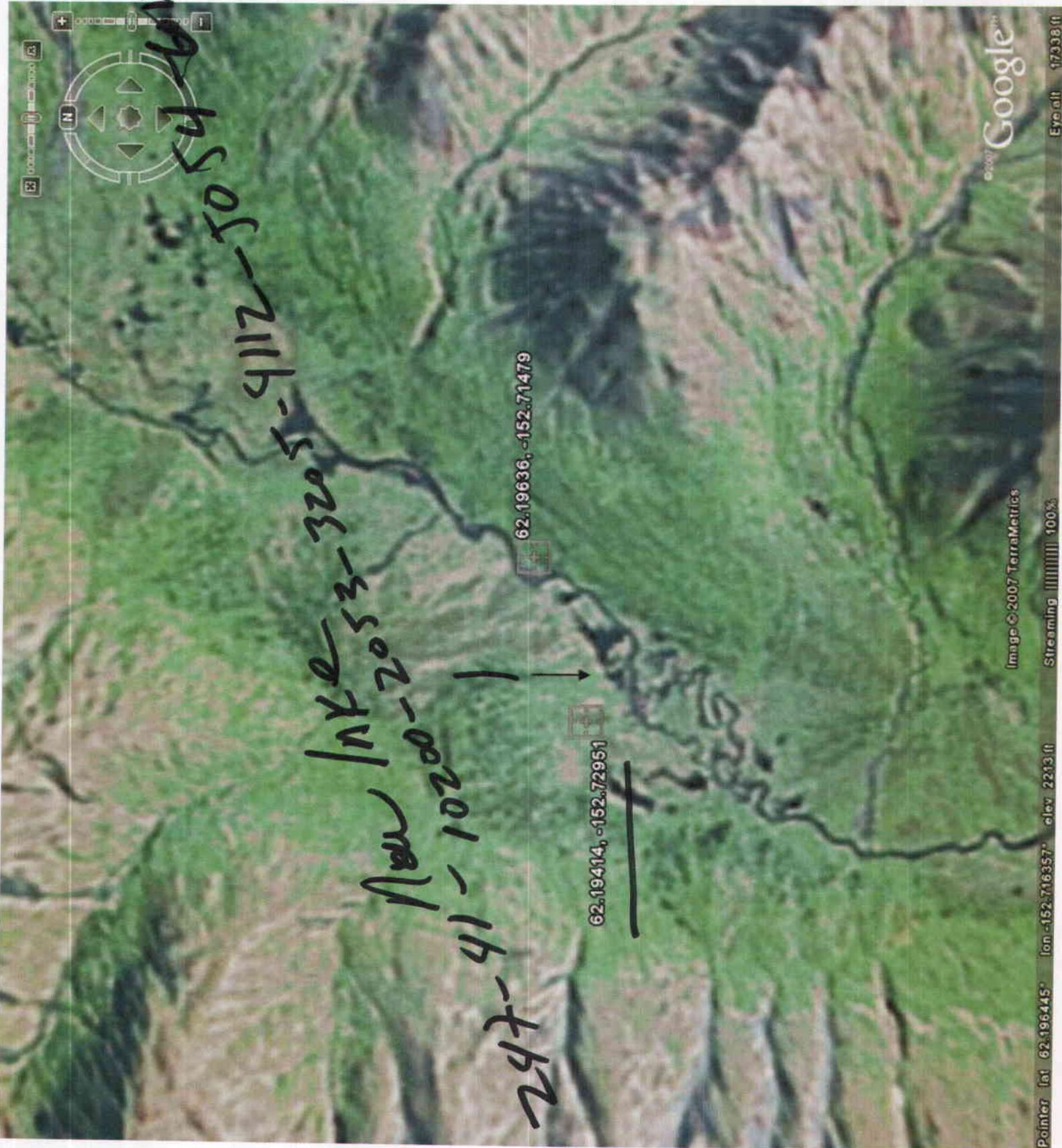
Eightmile Creek – I flew this river on the way back to Anchorage and saw a few sockeye spaced far apart. Light conditions were poor and the water was dark with weeds blocking my view.

*Another report
Creek to PT*

Comments

Papa Bear Lake can be accessed by a light float plane and Birch Creek can be accessed by automobile. The easiest way to access the rest of the sites where I found sockeye is by helicopter. Moose Creek off the Happy River can be accessed by a small float plane at Moose Creek Lake at the end of the creek. However, the sockeye were located about 2.5 miles downstream from the lake and it wouldn't be an easy hike.

There were chum salmon at Spink Creek and the Kichatna River mixed with the sockeye. There didn't appear to be enough chum at either location for a full collection.



WV

247-41-10200
New Inks 2053-3205-9112-5054

62.19414, -152.72951

62.19636, -152.71479

Google

Pointer lat 62.196445 lon -152.716357 elev 2213 ft
Image © 2007 TerraMetrics Streaming Eye alt 17338 ft

add new water bridges

Stream shorter than 660 Ft habitat

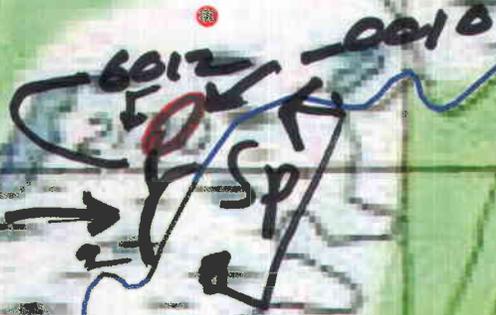
247-41-10200-2053-3205-4112-5054-6012

w/ sockeye salmon presence

247-41-10200-2053-3205-4112-5054-6012-0010

w/ sockeye salmon presence

-152.71505, 62.19628
sockeye salmon sampled here



side
slush

MOOSE CR

MOOSE CR
10

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See google
map website