



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

RECEIVED

NOV 15 2004

Region Southeast Region I

USGS Quad Skagway C-3

STATE OF ALASKA
FISH & GAME

Fish Distribution Database Number of Waterway 115-32-10250-2147-3xxx-4xx1 3009-4003

Name of Waterway Mule Meadow tributary #2 USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>533</u>	<u>MEAD</u> <u>2/24/05</u>
Revision Year: <u>2004</u>	<u>2/24/05</u>
Revision to: Atlas _____ Catalog _____	Fisheries Scientist _____ Date <u>12-17-04</u>
Both <u>X</u>	FDD Project Biologist _____ Date <u>3/22/05</u>
Revision Code: <u>A-2</u>	<u>2 done</u> Drafted _____ Date _____

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho salmon	2/27/2004	X			<input checked="" type="checkbox"/>
Sockeye salmon	7/30/2004, 8/4/2004	X			<input checked="" 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: This is a ground water tributary of Mule Meadows tributary #1. A total of 123 adult coho salmon were radio tagged as they migrated into the Chilkat River in 2003. One of these fish spawned in this tributary. Each radio tagged fish was thought to represent about 950 coho salmon. When the radio tag was recovered on 2/27/2004, approximately 20 coho carcasses were observed in this stream. The results from this study will be published in a 2004 Fishery Data Series Report entitled "Production and Spawning Distribution of Coho Salmon from the Chilkat River, 2002-2003" currently in preparation. Spawning sockeye were observed in this stream on 7/30/2004 and 8/4/2004 (see attached email from Mark Sogge).

Add new stream w/ COS Ss

Name of Observer (please print): Randy Erickson
Signature: _____
Address: ADFG - Div. of Sport Fish
PO Box 330, Haines, AK 99827

Date: 11/8/04

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: _____
Name of Area Biologist (please print): Randy Erickson

Revision 04/03

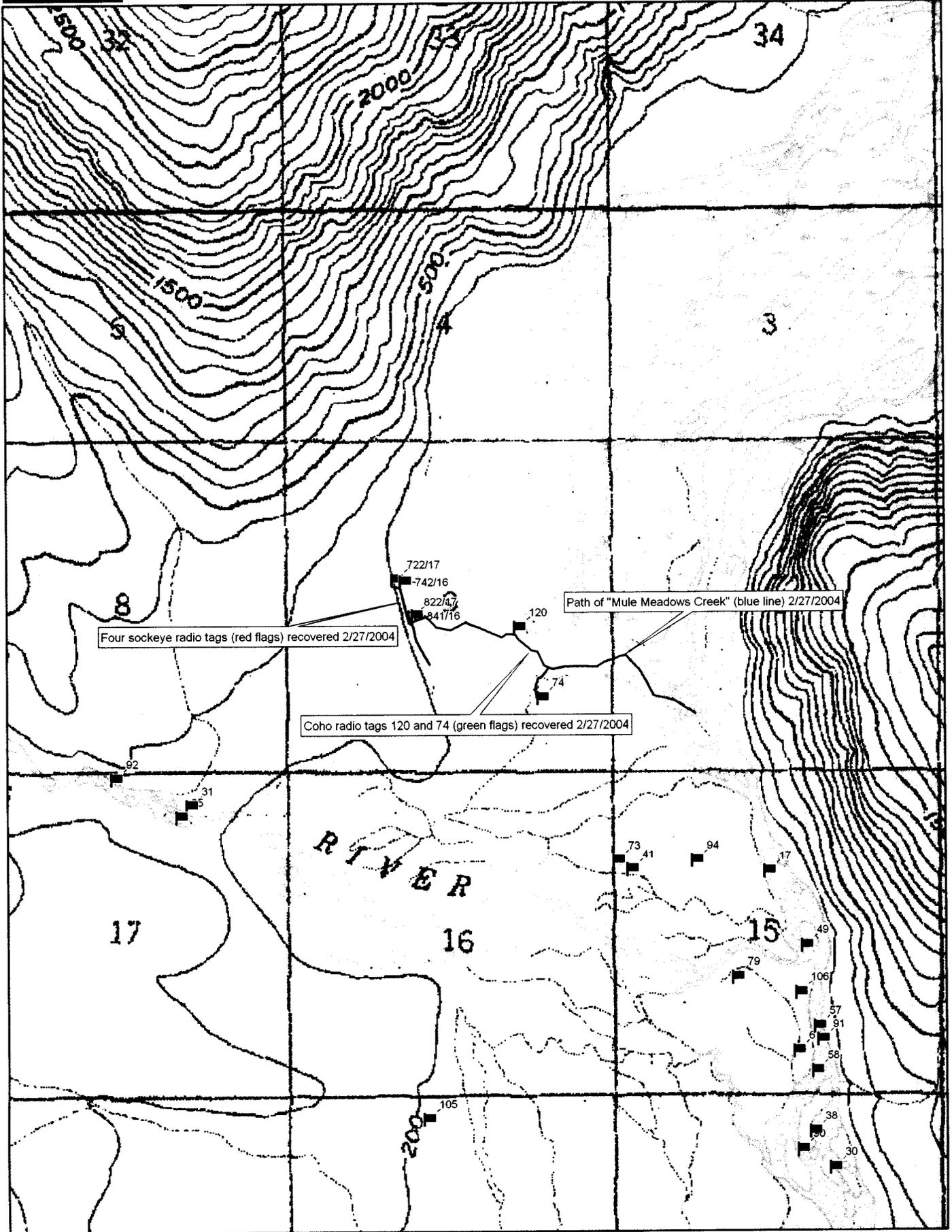
Randy P. Ericksen

From: Richard Chapell [richard_chapell@fishgame.state.ak.us]
Sent: Monday, November 08, 2004 9:54 AM
To: Randolph P Ericksen (E-mail)
Subject: Mule Meadows coho and sockeye salmon

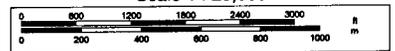
On February 27, 2004 I searched the Mule Meadows area for radio tags that had been deployed in coho and sockeye salmon in 2003. I walked up the Mule Meadows Creek stream from the confluence with the Chilkat River and I recovered coho radio tag # 74 in a small tributary that entered the stream from the south, toward the Kellsall River. There were also remnants of about 20 salmon carcasses in this tributary.

Continuing further up Mule Meadows Creek, I recovered radio tag # 120 in the creek bed, then came to a small pond. From that pond I continued up a tributary that went to the base of the hill to the west of the pond until the tributary forked. On the south fork, I saw one live and about 175 dead coho salmon. On the north fork, I encountered four sockeye salmon radio tags that had been deployed in 2003. I was able to recover three of those tags and located the fourth embedded in frozen sediment.

Richard Chapell
Alaska Department of Fish and Game
Sport Fish Division
Haines, Alaska
907-766-2625



Scale 1 : 25,000



1" = 2,083.3 ft Data Zoom 13-0

Randy P. Ericksen

From: Mark M Sogge [mark_sogge@fishgame.state.ak.us]
Sent: Monday, November 08, 2004 10:03 AM
To: 'Randy Ericksen'
Subject: Mule meadows sockeye

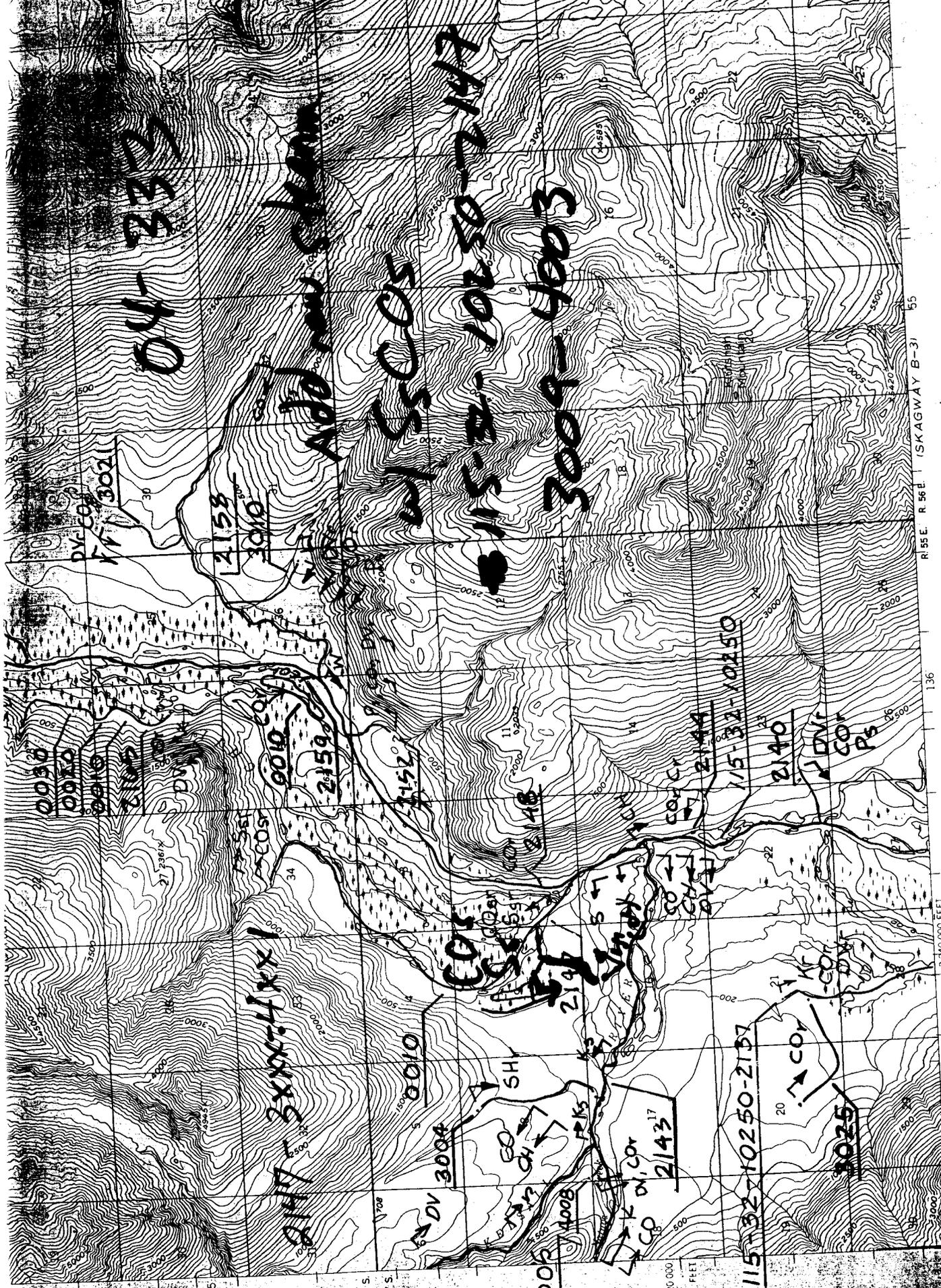
On 7/30/04 we conducted a sockeye recovery operation in Mule Meadows, off the Chilkat River. Due to high water conditions, we explored the first side channel of the main outlet stream looking for sockeye that would be available to seine. This channel enters the main outlet stream from the south side and is the first major side channel encountered when proceeding upstream from the outlet. We seined 39 sockeye in the side channel that day and I estimate that there were probably an additional 20 sockeye that we did not catch.

This same side channel was seined again on 8/4/04 and an additional 145 new sockeye were sampled.

During the 7/30/04 trip we also went to the spring fed spawning area along the cliff at the headwaters of Mule Meadows. We counted 210 sockeye actively spawning in this area.

We made many additional trips this year to sample sockeye in the Mule Meadows area and I can provide you with the seine results if you need them.

Although we do not attempt to seine in the large, shallow pool between the headwaters spring and the outlet stream, we usually see schools of sockeye holding in this area.



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2,400 000 FEET
 1:36,730
 Report edited, and published by the Geological Survey
 Control by USGS, USC&GS, and International Boundary Commission
 Topography by photogrammetric methods from aerial photographs
 taken 1-14, field annotated 19:4 Map not field checked
 Universal Transverse Mercator projection, 1927 North American datum
 10,000-foot grid based on Alaska coordinate system, zone 1
 Universal Transverse Mercator grid ticks

CONTOUR INTERVAL 100 FEET
 DATUM IS MEAN SEA LEVEL