



State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination for Waters
Important to Anadromous Fish

Region SOUTHEAST

USGS Quad Yakutat B-5 & C-5

Anadromous Water Catalog Number of Waterway 182-70-10500-2011-3033

Name of Waterway Kunayosh USGS Name ^{ARC# 5946} Local Name

Addition Deletion Correction Backup Information

For Office Use

2/5/02

Nomination # <u>01 345</u>	<u>[Signature]</u>	<u>11/9/01</u>
Revision Year: <u>2001</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>[Signature]</u>	<u>2/5/02</u>
Both <u>X</u>	AWC Project Biologist	Date
Revision Code: <u>A-2</u>	<u>[Signature]</u>	<u>2/20/02</u>
	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho	April 24 - May 1, 2001		12+		<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: Location; Township 28S Range 35E Section NW 1/4 17 ; Latitude N59 degrees 29.700, Longitude W139 degrees 31.705 (NAD27). Stream is number 22 on the map.

Stream characteristics: Timber stringer and muskeg/wetland. Width .6-1.0m, depth .25 - 1.1m, temp 8 degrees C.

Stream surveys were part of the Yakutat Fish Habitat and ATV Trail Assessment project. Field crews surveyed streams for fish using baited minnow traps. Soak times for traps were usually less than 30 minutes per trap/ two traps per sample site. Captured fish were identified and released on-site. Field teams were comprised of ADF&G and Yakutat Ranger District personnel.

Name of Observer (please print): Phil Mooney

Signature: [Signature]

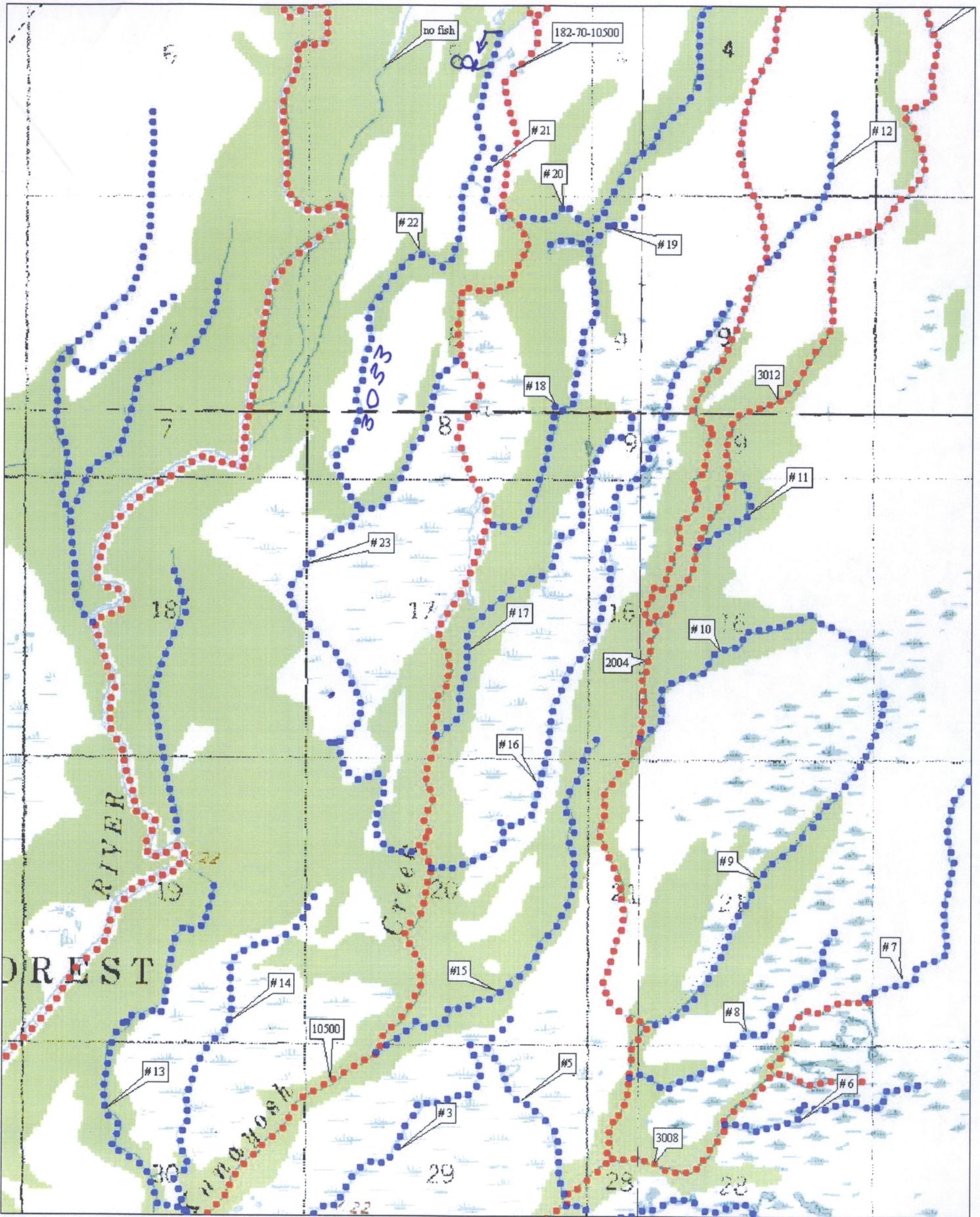
Date: 6/30/2001

Address: ALASKA DEPT. OF FISH AND GAME
304 LAKE ST. ROOM 103
SITKA, AK 99835-7563

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 Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: [Signature]

Revision 3/97



Add Streams 182-70-10500 - 2011-3033 w/ CR

Edward W. Weiss

Edward W. Weiss

From: Phil Mooney [phil_mooney@fishgame.state.ak.us]
Sent: Monday, February 04, 2002 10:31 AM
To: ed_weiss@fishgame.state.ak.us
Subject: RE: Kunayosh question

From:
Sent:
To:
Subject:



Kunayosh3X_13102

Kunayosh3X_13102

.jpg

.jpg

Ed - Actually I don't think your blue line for the Kunayosh is too far off. I've re-drawn red lines and labeled them from my maps. Hope this helps. The Kunayosh is really convoluted on the ground...water in the timber stringers and then running outside or across a muskeg at times.
Phil

-----Original Message-----

From: Edward W. Weiss [mailto:ed_weiss@fishgame.state.ak.us]
Sent: Friday, February 01, 2002 10:42 AM
To: Phil Mooney (E-mail)
Subject: Kunayosh question

Phil.

Another question on the location of the Kunayosh and some of the tribs you found. On the attached photo the blue line is where we currently have the Kunayosh located. As you can see from the photo in the reach near streams 21, 22 and 23 I think the Kunayosh needs to be moved to the west as noted by the Kunayosh ?? label. Can you confirm this? If this is so the USGS doesn't have any applicable arcs for where you drew stream 21. Is the stream on the photo I labeled as 21 the correct one? Also could you confirm that the yellow lines (USGS hydro) for streams 22 and 23 look OK.

Thanks for the help. Call me if you have any questions.

Edward W. Weiss
Habitat Biologist
Habitat & Restoration Division
Alaska Department of Fish & Game
333 Raspberry Rd.
Anchorage, AK 99518-1599
Phone: (907)-267-2305
FAX: (907)-267-2464
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From: Phil Mooney [phil_mooney@fishgame.state.ak.us]
Sent: Monday, February 04, 2002 10:31 AM
To: ed_weiss@fishgame.state.ak.us
Subject: RE: Kunayosh question



Kunayosh3X_13102.jpg

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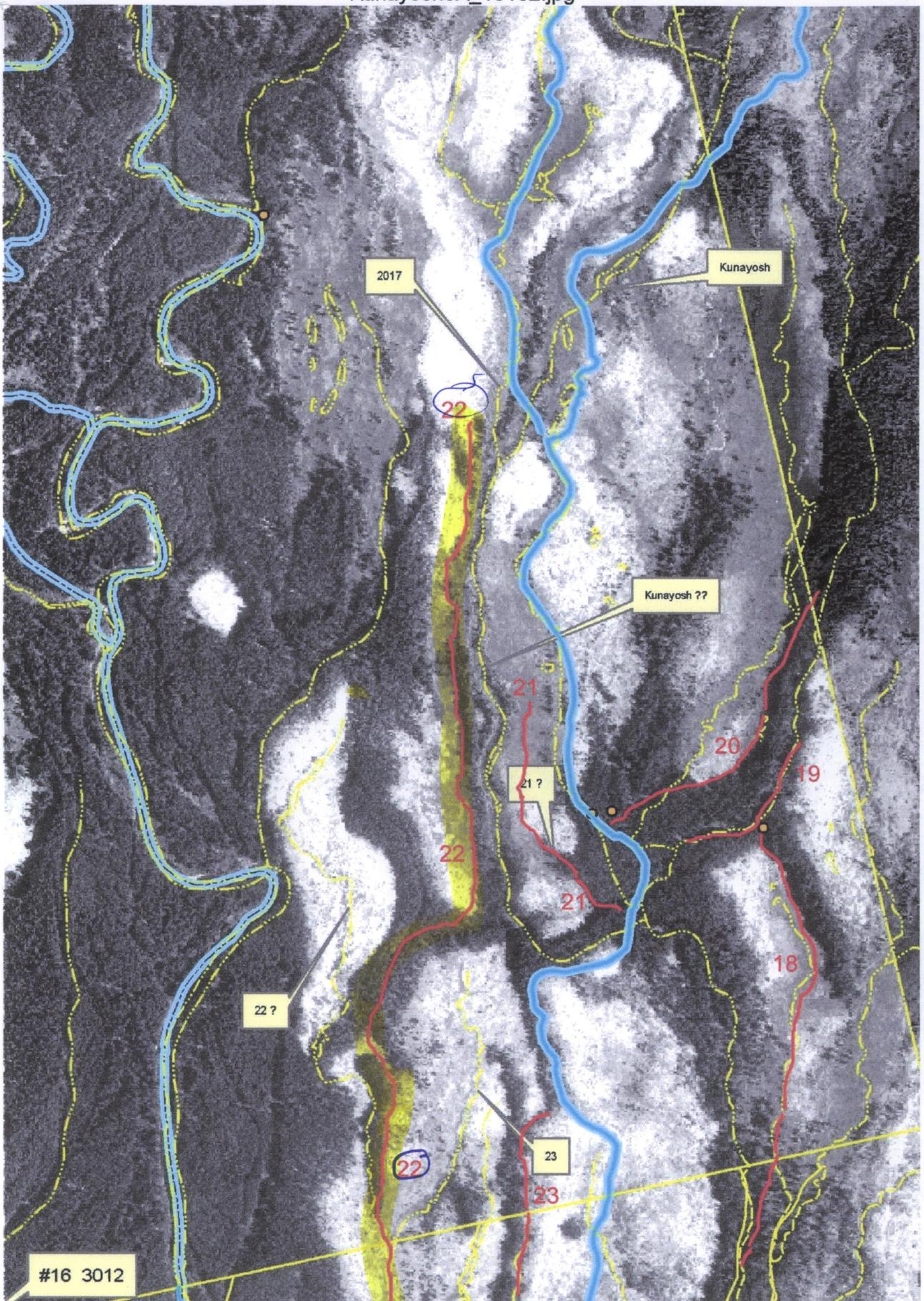
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ADD stream

182-70-10500-2011-3033 w/ CO₂

Edward W. Weiss

From: Phil Mooney [phil_mooney@fishgame.state.ak.us]
Sent: Friday, January 25, 2002 11:06 AM
To: ed_weiss@fishgame.state.ak.us
Subject: RE: kunayosh



Kunay7_crossing2_DaveKunayosh_4-2 DaveWfkKunayosh DaveWmidforkKunaKunay_strm5_4-27.Kunay6_crossingtra DaveKunayheadcut
F_trap_457.JP... 7.jpg _507.JPG trib_498.JPG jpg p2_F_455.JPG... trib_502.JPG

Hi Ed

- The upper area of 182-70- 10500 goes SW in section 33 out of the timber and across the muskeg. Last April, for example, there was no connection in section 33 between 182-70-10500 and stream #20 that we nominated...even though the timber stringer in the photo is connected. What is deceiving is that some of the timber stringers are riparian corridors with the stream in the middle and timber on either side. Others are moraine deposits 15-25' high that have the streams on the outside of the spruce...on the muskeg edge. For whatever reason, some of these have bailed across an open muskeg instead of traveling parallel with the timber. I think it has something to do with the soil substrate...like a clay seam that forces the water a different direction than the surface condition would indicate. It also appears that rebound is changing the area...with more patches of spruce taking hold. Here's some on the ground pics from the surveys to show the headcuts and stream size changes in very different veg types. Call me if you can. Phil

-----Original Message-----

From: Edward W. Weiss [mailto:ed_weiss@fishgame.state.ak.us]
Sent: Wednesday, January 23, 2002 10:49 AM
To: Phil Mooney (E-mail)
Subject: kunayosh

Phil, Do you know where the upper mainstem of the Kunayosh is?

Attached

are 2 jpegs, one of which shows the AWC (dark blue), the USGS hydro (yellow), and your map super imposed over the aerial photo. The other JPEG

is just the photo without all the line work. In the upper portion of the drainage neither your map nor the AWC match the photo very well. The USGS

has hydro up there but I'm not sure which branch of it is considered Kunayosh Creek versus the tributaries. I would think that the main stem is

in the wooded section somewhere but the current AWC shows it out in the muskeg and I don't see a channel there.

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