

Jack 11

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

AWC Volume SE (SC) SW W AR IN USGS Quad Seward B-4

Anadromous Water Catalog Number of Waterway 226-20-16080-2099

Name of Waterway _____ USGS name _____ Local name _____

Addition X Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 139</u>	<u>J. W. [Signature]</u>	<u>11/4/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>ED Weins</u>	<u>1/6/94</u>
Both <u>X</u>	<u>J. Inoue</u>	<u>2/8/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Coho Salmon-Juvenile</u>	<u>8-5-93</u>		<u>31</u>		<u>✓</u>

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 any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Coho salmon were visually identified then captured by dipnetting for positive ID.
Coho were found from the stream mouth to within 30 meters of the barrier which in this case
is a fall 7 meters in height. Stream width at the mouth is 4 meters, upper extent 3 meters.
Gradient is 2 percent.

Name of Observer (please print) KATHLEEN SUNDET
Date: 10/7/93 Signature: Kathleen Sundet
Address: 333 RASPBERRY
ANCHORAGE AK 99518

ALASKA DEPT. OF FISH & GAME
NOV 02 1993
REGION II
WATERSHED AND RESTORATION DIVISION

This certifies that in my best professional judgement 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: _____ Rev. 7/93

STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: Jack - 11 QUAD: Seward B-4 STAGE: H M (L)
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)
 DATE(s): 8/5/93 UTM ZONE: _____
 GPS FILES: 2194 H

SKETCH (indicate UTM zones, if not uniform throughout the stream)

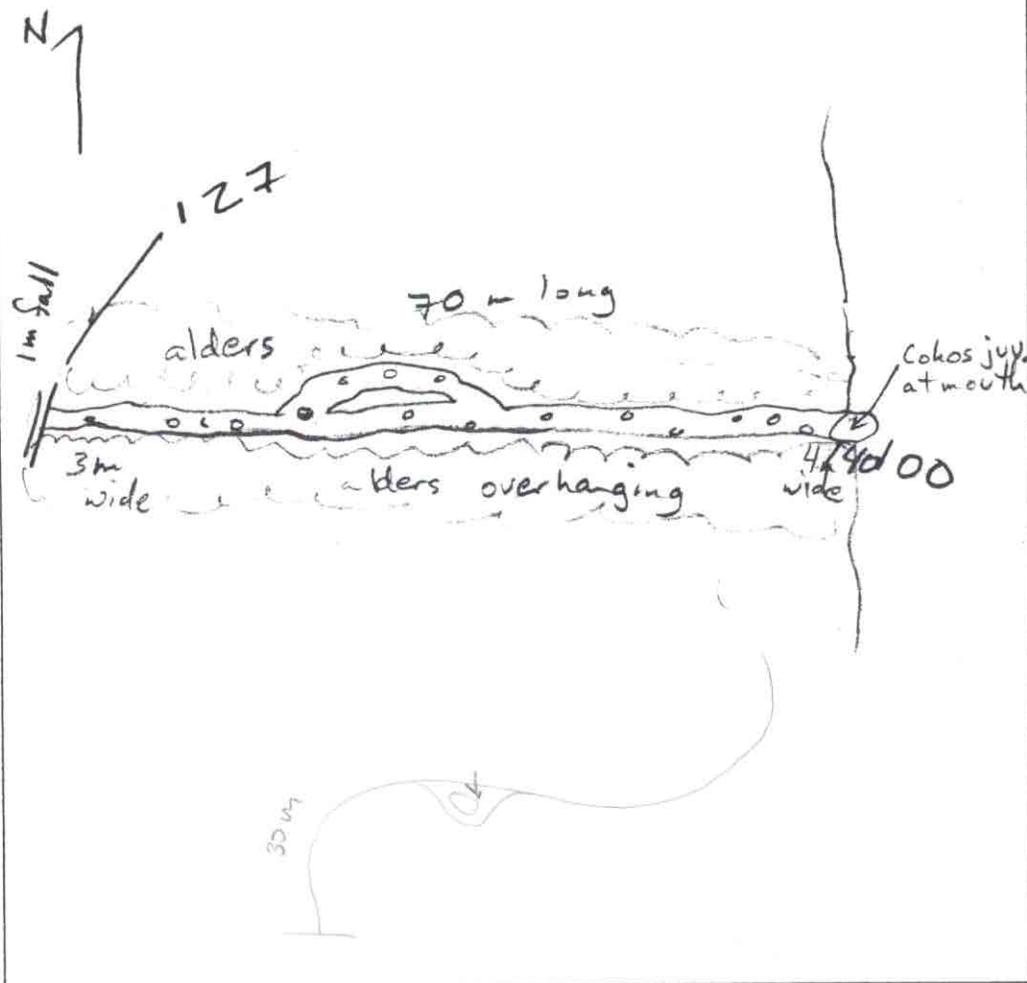


PHOTO ROLL(s): K5 02

VIDEO TAPE(s): _____

FRAME

DESCRIPTION

DATE

13

lower end looking up

(Please enter comments on the other side)

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: JACK-11 SEGMENT: 0-01 DATE: 08/05/93 TEAM: B, S
 ANADROMOUS: y n WIDTH (m): 4.0 - 3.0 LENGTH (m): 70 GPS DATE: -/-/ DIGITIZE: y n
 WATERBODY: mainstem tributary lake/pond wetland intertidal other: _____

Also surveyed
 B-27
 No additional
 fish in stream.

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
<u>COHO</u>	<u>J</u>	<u>1</u>	<u>D</u>	<u>GOT AWAY</u>			
<u>COHO</u>	<u>J</u>	<u>10</u>	<u>D</u>	<u>AT MOUTH</u>			

GRADIENT(%): 2 CHANNEL PROFILE: A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK ___ BOULDER 3 RUBBLE 1 COBBLE 2
 GRAVEL ___ SAND ___ MUD/SILT ___ ORGANICS ___ OTHER: _____
 STREAM COVER TYPE: ORGANIC DEBRIS ___ DEAD BRANCHES/TWIGS LOGS ___ BOULDERS
 CUT BANK ___ OVERHANGING VEGET. OTHER: _____
 STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:
 OVERSTORY: SPRUCE
 UNDERSTORY: ALDER WILLOW FERNS

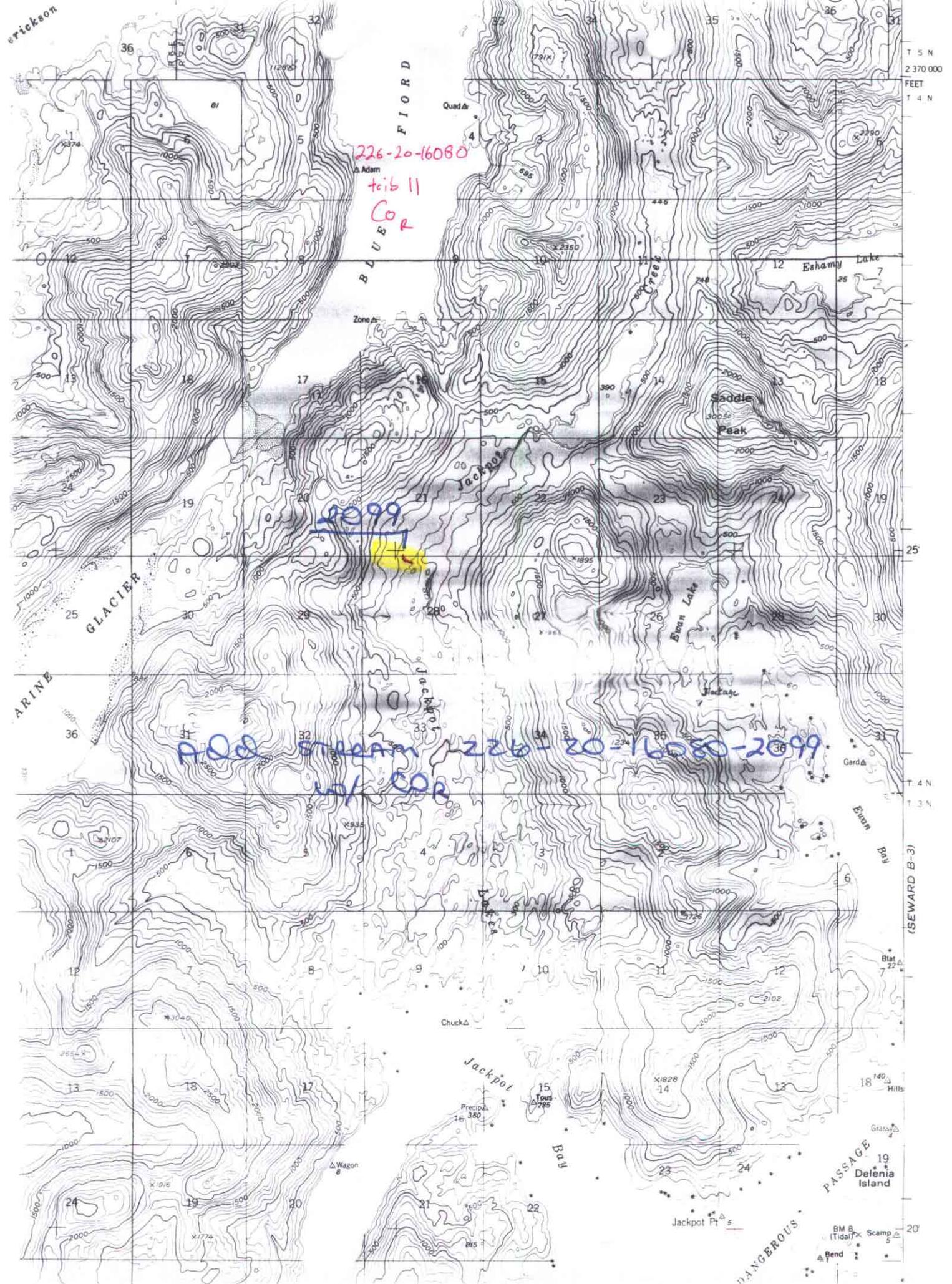
CANOPY ABOVE STREAM: none low medium high
 GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? BARRIER TO SPECIES: ALL adults juveniles
 TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 7 DIST. FROM UPPER EXTENT (m): N/A

PHOTO ROLL(s):		VIDEO TAPE(s):	
FRAME	DESCRIPTION	DATE	DESCRIPTION

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
 (Please enter comments on the other side)

K₁
 #. Did coho exist
 up to the barner
 30m below falls.
 No - 30m
 below where
 creek forms island.



erickson

T 5 N
2 370 000
FEET
T 4 N

226-20-16080
to: b 11
COR

2099

ADD STREAM 226-20-16080-2099
to: COR

(SEWARD B-3)

DANGEROUS

BM 8 (Tidal) Scamp
Bend

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 2, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

FROM: Kathrin Sundet *KS*
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

SUBJECT: Anadromous Stream
Nominations
and Corrections
Project R-51

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 46 streams surveyed in the summer of 1993 on private lands held by the Chenega and Chugach Alaska Corporations in southwest Prince William Sound.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky
Don McKay
Mark Kuwada