

STATE OF ALASKA
 Department of Fish and Game
 Nomination for Waters
 Important to Anadromous Fish

trib 1-01

AWC Volume SE SC SW W AR IN USGS Quad Cordova C-5

Anadromous Water Catalog Number of Waterway 221-10-10170-2004

Name of Waterway _____ USGS name _____ Local name _____

Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 212</u>	<u>[Signature]</u>	<u>1/18/94</u>
Revision Year: <u>'94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>[Signature]</u>	<u>1/6/94</u>
Both <u>X</u>	<u>[Signature]</u>	<u>2/8/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon / Adult	8/20/93	47			<input checked="" 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 any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: 47 adult pink salmon were observed in this stream during a foot survey.
The barrier is a 1 meter high falls which is also the upper extent of
pink salmon. Channel width is 4 meters at the mouth and
3 meters at the barrier. Gradient is 2% substrate is predominately
gravel

ALASKA DEPT. OF FISH & GAME

Name of Observer (please print) JEFF BARNHART
 Date: 10-6-93 Signature: [Signature]
 Address: 333 Raspberry Road
Anchorage AK

NOV 03 1993

REGION II AND RESTORATION

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 - SEGMENTS

STREAM: 221-10-10170 SEGMENT: Trib 1-01 DATE: 8/20/93 TEAM: KS/JB
 ANADROMOUS: WIDTH (m): 4-8 LENGTH (m): _____ GPS DATE: 8/20 DIGITIZE:
 WATERBODY: mainstem tributary lake/pond wetland intertidal other: _____

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
<u>Pinks</u>	<u>A</u>	<u>47</u>	<input checked="" type="checkbox"/>	<u>near base of Falls</u>	<u>Sandpiper</u>	<u>2</u>	
					<u>meadowlarks</u>	<u>1</u>	
					<u>gulls</u>	<u>2</u>	
					<u>Bear</u>		<u>Tracks</u>
					<u>Raven</u>	<u>2</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 _____ RUBBLE 3 COBBLE 2
 GRAVEL 1 SAND _____ MUD/SILT _____ ORGANICS _____ OTHER: _____
 STREAM COVER TYPE: ORGANIC DEBRIS _____ DEAD BRANCHES/TWIGS 1 LOGS 1 BOULDERS _____
 CUT BANK OVERHANGING VEGET. 1 OTHER: _____
 STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:
 OVERSTORY: Hemlock
 UNDERSTORY: Devil's Club Alder Salmon Berries
 CANOPY ABOVE STREAM: none low medium high
 GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? BARRIER TO SPECIES: pinks adults juveniles
 TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 1 DIST. FROM UPPER EXTENT (m): 0

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)

STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: 221-10-10170 tab 1 QUAD: Cordova C-5 STAGE: H M L
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)
 DATE(s): 8/20/93 UTM ZONE: 6
 GPS FILES: 19F

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

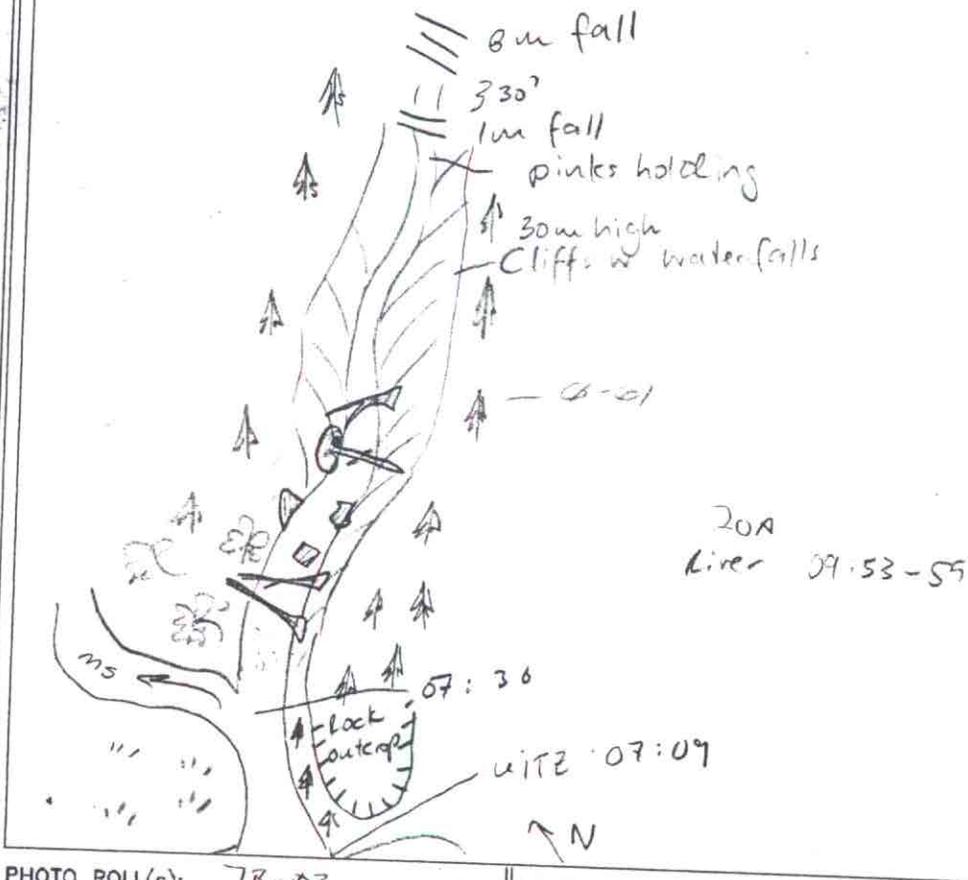


PHOTO ROLL(s): J3-03

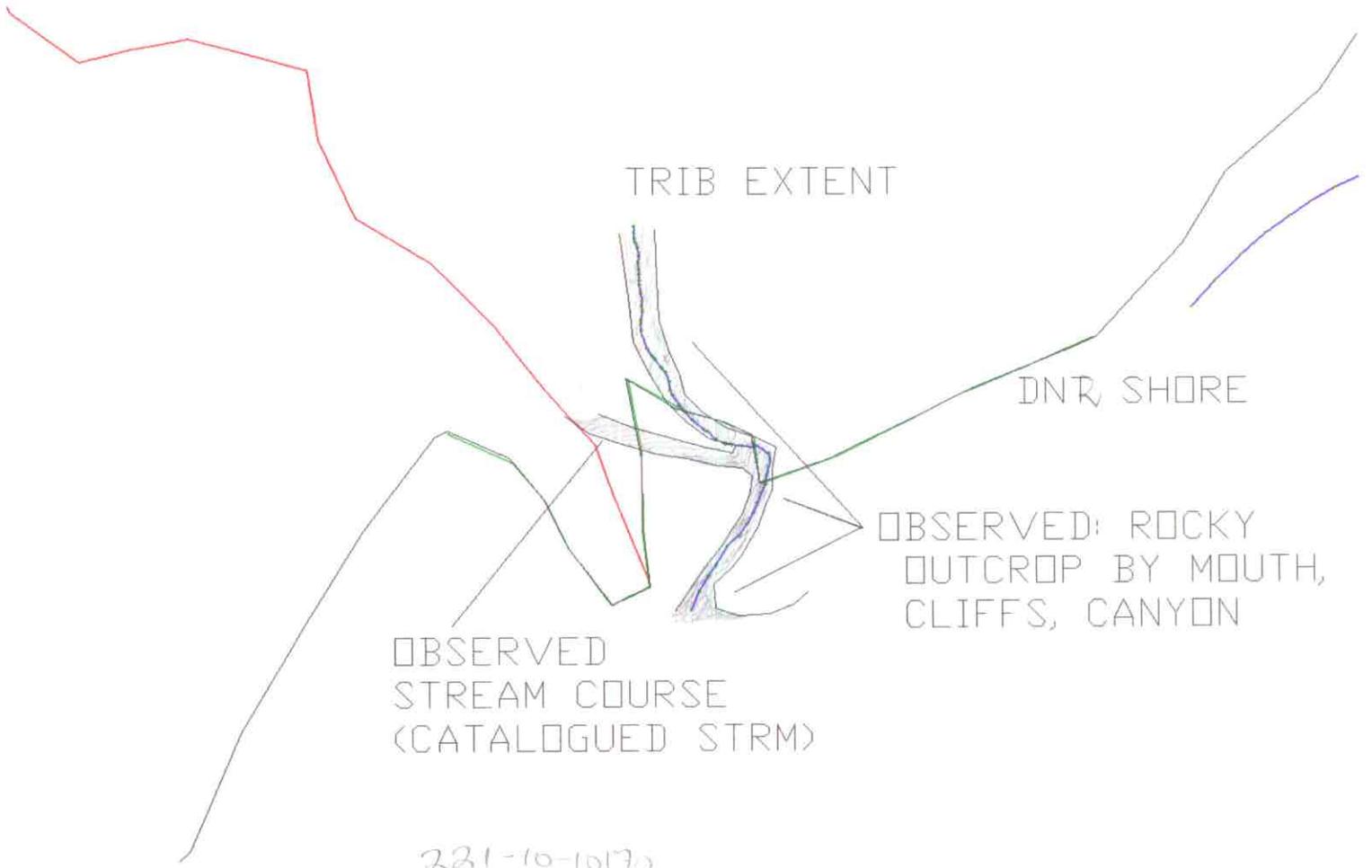
VIDEO TAPE(s): _____

FRAME	DESCRIPTION
<u>2</u>	<u>downstream confluence</u>
<u>3</u>	<u>upstream from confluence</u>
<u>4</u>	<u>lock outcrop - upstream</u>

DATE

(Please enter comments on the other side)

200 M



TRIB EXTENT

DNR SHORE

OBSERVED
STREAM COURSE
(CATALOGUED STRM)

OBSERVED: ROCKY
OUTCROP BY MOUTH,
CLIFFS, CANYON

221-10-10170

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 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream
Nominations
and Corrections
Project R-51

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

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 53 streams surveyed in the fall of 1993 on private lands held by the Tatitlek and Eyak Native Corporations in northeast 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.

There substantial discrepancies among shorelines on the USGS quad sheets, the DNR shoreline, and observed shorelines in this area. In some cases I have attached enlarged plots generated from GPS data and the DNR shoreline to the nomination form in order to illustrate the differences.

Attachments

cc w/o Attachments: Lance Trasky
Don McKay
Mark Kuwada