

AWC Volume SE (SC) SW W AR IN USGS Quad Cordova C6

Anadromous Water Catalog Number of Waterway 221-20-10389-2005

Name of Waterway 94 223 USGS name \_\_\_\_\_ Local name \_\_\_\_\_

Addition  Deletion \_\_\_\_\_ Correction \_\_\_\_\_ Backup Information \_\_\_\_\_

For Office Use

Nomination # _____	<u>1009</u> Regional Supervisor	<u>1/18/94</u> Date
Revision Year: <u>94</u>	<u>ED Wiers</u>	<u>1/6/94</u>
Revision to: Atlas _____ Catalog _____	<u>2 drone</u> Drafted	<u>2/9/94</u> Date
Revision Code: <u>A-2d</u>		

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon/Adult	8/18/93	10			✓

**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: 10 adult pink salmon were observed in this stream during a foot survey. The barrier is a 0.5 meter high falls located 7 meters upstream from the upper extent of salmon. Channel width is 2 meters at the mouth and 0.5 meters at the barrier. Gradient is 1 percent. Predominant stream substrate is gravel. Instream cover abundance is medium.

Name of Observer (please print) Wesley Ghormley  
 Date: 10-6-93 Signature: Wesley Ghormley  
 Address: 333 Raspberry Road  
Anchorage, AK

ALASKA DEPT. OF FISH & GAME  
 NOV 03 1993  
 REGION II  
 WATERS 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 - STREAMS

STREAM: SHEEP Bay 01 <sup>1-01</sup> QUAD: Cordova C-6 STAGE: H M L  
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)  
 DATE(s): 8/18/93 UTM ZONE: 6  
 GPS FILES: B

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



PHOTO ROLL(s): \_\_\_\_\_

VIDEO TAPE(s): \_\_\_\_\_

FRAME

DESCRIPTION

DATE

(Please enter comments on the other side)

# STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Sheep Bay #1 SEGMENT: Cordova #1 DATE: 8/18/93 TEAM: WG, DG  
 ANADROMOUS:  y  n WIDTH (m): 2.5 LENGTH (m): 70 GPS DATE: 8/18/ DIGITIZE: y n  
 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>Pink</u>	<u>A</u>	<u>10</u>	<u>V</u>				

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

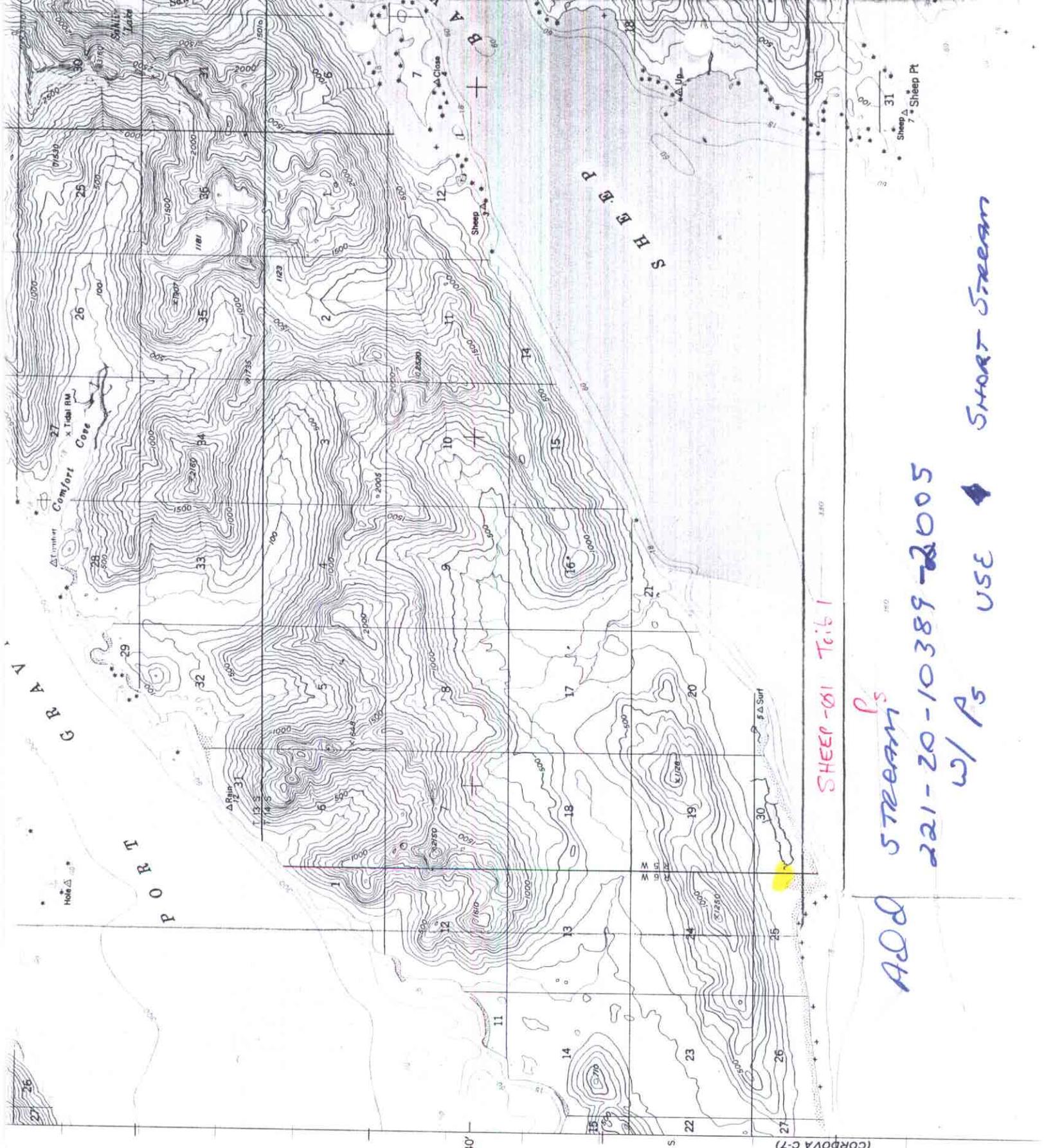
RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:  
 OVERSTORY: \_\_\_\_\_  
 UNDERSTORY: Grasses  
 CANOPY ABOVE STREAM: none  low  medium  high  
 GROWTH: mature secondary shrubs  meadow muskeg intertidal

TOTAL BARRIER?  y  n BARRIER TO SPECIES: All adults juveniles  
 TYPE:  fall slide beaverdam logjam spring substrate HEIGHT (m): 5 DIST. FROM UPPER EXTENT (m): 7

PHOTO ROLL(s): DG 01 VIDEO TAPE(s): \_\_\_\_\_

FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>14</u>	<u>midseg looking down</u>		

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



SHEEP-01 Teib 1

ADD STREAM<sup>s</sup>

221-20-10389-2005

w/ps

USE

SHORT STREAM

# 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