

AWC Volume SE (SC) SW W AR IN USGS Quad Seward B-3

Anadromous Water Catalog Number of Waterway 226-20-16199

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

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

For Office Use

Nomination # <u>94 104</u>	<u>[Signature]</u>	<u>1/14/94</u>
Revision Year: <u>'94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Wain</u>	<u>12/28/93</u>
Revision Code: <u>A-2d</u>	<u>2. Inoue</u>	<u>2/3/94</u>
	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon - Adults</u>	<u>8-28-93/8-11-93</u>	<u>5/12</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: Intertidal spawning. Pink salmon were visually identified and enumerated.  
Channel width is 5 meters at the mouth and 4 meters at the barrier approx 100 meters upstream from the mouth.

ALASKA DEPT. OF  
 FISH & GAME

Name of Observer (please print) JEFF BARNHART

Date: 7-30-93

Signature: [Signature]

NOV 02 1993

Address: 333 Raspberry Road

Anchorage AK

REGION II  
 HABITAT 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: \_\_\_\_\_

# STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Chonaga 03 SEGMENT: 0-01 DATE: 8/11/93 TEAM: Barnhart / Gharney  
 ANADROMOUS:  y  n WIDTH (m): 5-4 LENGTH (m): 100 GPS DATE: 8/12 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>unids.</u>		<u>1</u>	<input checked="" type="checkbox"/>				
<u>NO OTHER Fish observed</u>							
<u>Pink salmon</u>	<u>A</u>	<u>12</u>	<input checked="" type="checkbox"/>	<u>In saltwater at stream mouth</u>			
<u>B-28</u>	<u>A</u>	<u>4</u>	<input checked="" type="checkbox"/>	<u>Dead</u>			
<u>B-28</u>	<u>A</u>	<u>1</u>	<input checked="" type="checkbox"/>	<u>Live</u>			

pinks. <

GRADIENT(%): 6 CHANNEL PROFILE:  A  B  C  D  E  F  
 CHANNEL PATTERN:  single  multi  braided  
 STREAM SUBSTRATE: (rank three most predominant types)  
 BEDROCK  BOULDER 2 RUBBLE 3 COBBLE \_\_\_\_\_  
 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 hemlock  
 UNDERSTORY: Alder salmonberry

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:  slide  beaverdam  logjam  spring  substrate HEIGHT (m): 1.5 DIST. FROM UPPER EXTENT (m): 20/100

PHOTO ROLL(s): <u>JB02</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>11</u>	<u>Falls at upper extent</u>		

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

INTERIDOL

# STREAM HABITAT ASSESSMENT 993 - STREAMS

STREAM: Chenega 03 QUAD: Seward B-3 STAGE: H M 10  
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)  
 DATE(s): 8/12/3 UTM ZONE: 6  
 GPS FILES: B0812206

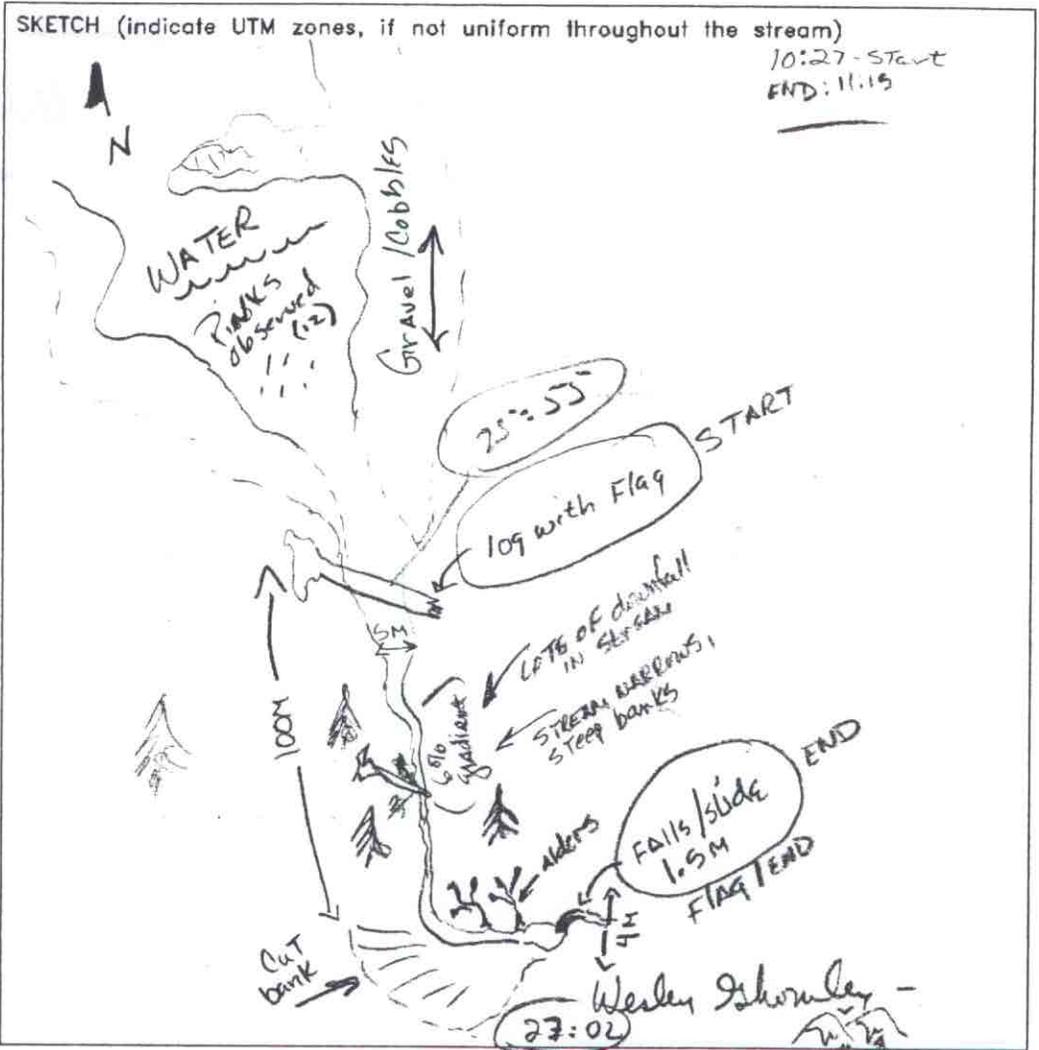
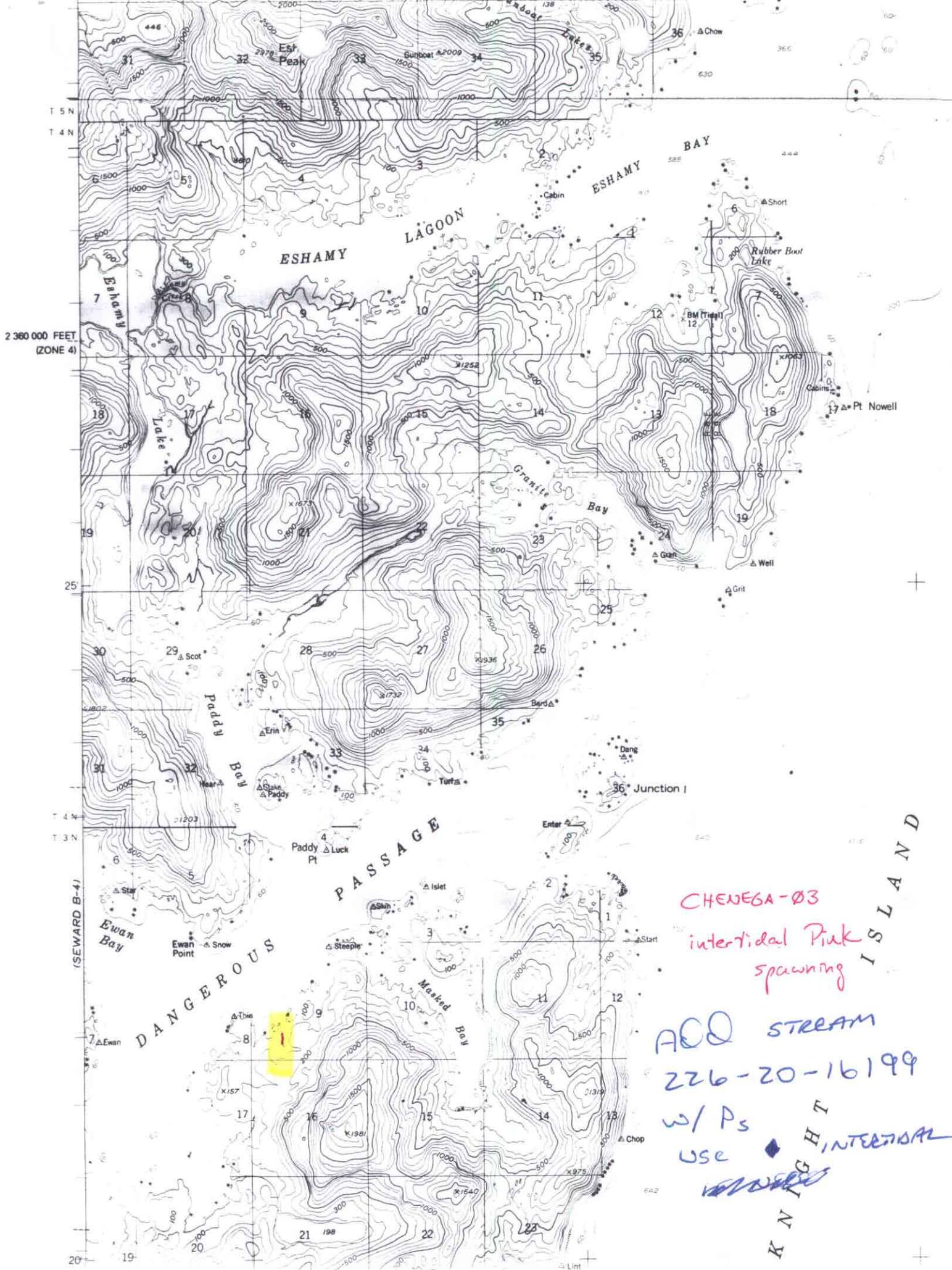


PHOTO ROLL(s): \_\_\_\_\_ VIDEO TAPE(s): WG-01

FRAME	DESCRIPTION	DATE
		8/12/3
	STURM MOUTH, (EYAK), Falls	

(Please enter comments on the other side)



CHEWEGA-03

intertidal Pink spawning

AQQ STREAM  
226-20-16199

w/ Ps  
USE  HT  
KNIGHT INTERTIDAL

# 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

**SUBJECT:** Anadromous Stream  
Nominations  
and Corrections  
Project R-51

**FROM:** Kathrin Sundet *KS*  
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 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