

AWC Volume SE SC SW W AR IN USGS Quad Seldovia A-5

Anadromous Water Catalog Number of Waterway 242-10-10261

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

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

For Office Use

Nomination # <u>94 247</u>	<u>[Signature]</u>	<u>1/18/94</u>
Revision Year: <u>'94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Weir</u>	<u>1/7/94</u>
Both <u>X</u>	<u>J. Arone</u>	<u>2/1/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon - Adults</u>	<u>9-12-93</u>	<u>283</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: Observed and enumerated 190 pinks in the intertidal zone, 93 in the stream above the intertidal zone. Good spawning gravel in the intertidal zone. Stream width ranges from 15 meters in the lower reach to 5 meters at the upper extent. Gradient is 3 percent. Pink Salmon distribution extends to within 15 meters of the 2 meter high waterslide barrier.

Name of Observer (please print) JEFF BARNHART  
 Date: 10-14-93 Signature: [Signature]  
 Address: 333 Raspberry Road  
Anchorage AK 99615

ALASKA DEPT. OF FISH & GAME  
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 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: \_\_\_\_\_

# STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Chatham 13 SEGMENT: 0-01 DATE: 9/12/03 TEAM: JB/WG  
 ANADROMOUS:  n WIDTH (m): 15-5 LENGTH (m): \_\_\_\_\_ GPS DATE: \_\_\_/\_\_\_/\_\_\_ 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*
Pinks	A	50	V	Dead in stream	Dipper	1	
Pinks	A	43	V	Live in stream	Black bear		SCAT
Pinks	A	150	V	Live in ITZ			
Pinks	A	40	V	Dead in ITZ			

GRADIENT(%): 3 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 \_\_\_\_\_ 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: Sitka spruce \_\_\_\_\_ grass spp. \_\_\_\_\_ Devils Club \_\_\_\_\_  
 UNDERSTORY: Alder \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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

TOTAL BARRIER?  n BARRIER TO SPECIES: pinks \_\_\_\_\_  adults  juveniles  
 TYPE: fall  slide  beaverdam  logjam  spring substrate HEIGHT (m): 2 DIST. FROM UPPER EXTENT (m): 15

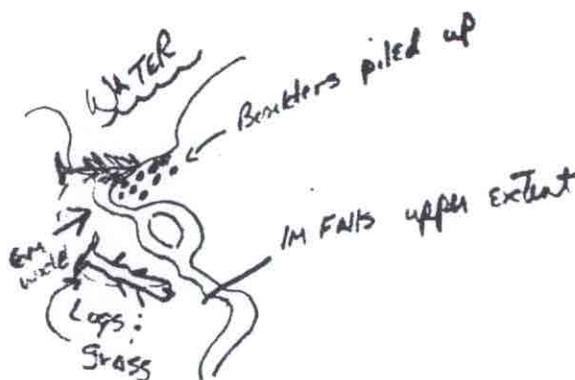
PHOTO ROLL(s): <u>JB05</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
33	upper mid segment looking upstream at 2 m slide (upper extent part)		
34	Beginning of stream looking into ITZ. white pink salmon		

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: CHATHAM - 13 QUAD: Selkirk-45 STAGE: H/M/L  
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)  
 DATE(s): 9/12/93 UTM ZONE: S  
 GPS FILES: R092220B

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



INTER 5154  
 START 5201  
 STOP 125235

WATER OAZEL  
 BEAR SCAT

- 43 live pinkies in stream
- 150 in intertidal

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

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

FRAME	DESCRIPTION	DATE

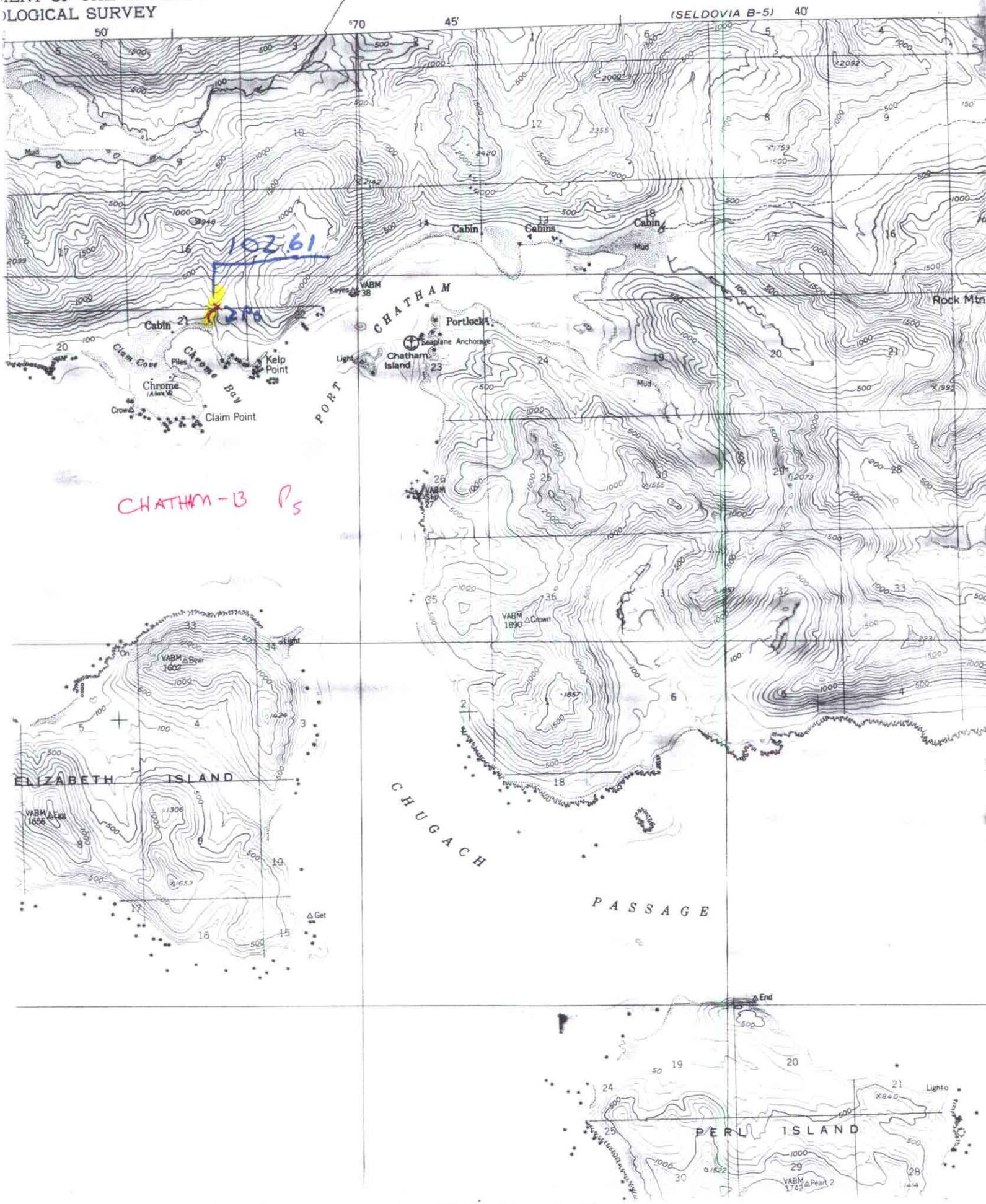
(Please enter comments on the other side)

GM will stream with good water flow.  
150 pints observed in the intertidal; 43 pints  
in the stream. Stream ends GOM due to 1m  
high falls. Stream turns to the east in a 90°  
turn & goes into a series of steep waterfalls.  
Gravel spawning gravel in the intertidal  
with huge boulders in the mainstem.

- Wesley Sherman -

ADD STREAM  
242-10-10261 W/Ps

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



# 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 *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 74 streams surveyed in the fall of 1993 on private lands held by the Port Graham, English Bay and Seldovia Native Corporations on the outer Kenai Peninsula.

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

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FISH & GAME

NOV 03 1993

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