

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

Anadromous Water Catalog Number of Waterway \_\_\_\_\_

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

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

For Office Use

Nomination # <u>94 255</u>	<u>JCG</u>	<u>11/9/93</u>
Revision Year: _____	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	_____	_____
Revision Code: _____	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Coho - Juvenile</u>	<u>9-11-93</u>		<u>55</u>		<input checked="" type="checkbox"/>
<u>Pink Salmon - Adults</u>	<u>9-11-93</u>	<u>27</u>			<input checked="" type="checkbox"/>
<u>Dolly Varden - Juvenile</u>	<u>9-11-93</u>		<u>2</u>		<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: Pink and Coho distribution extends from the stream mouth to the spring (barrier) at the upper extent. Stream width ranges from 2 meters at the mouth to 25 meters at the upper extent. Gradient is one percent. Stream substrate is gravel. Instream cover consists of cut banks and overhanging vegetation. Excellent spawning and rearing habitat.

Name of Observer (please print) JEFF BARNHART

Date: 10-15-93 Signature: Jeff Barnhart

Address: 333 Raspberry Road

Anchorage AK

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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

CHUGACH  
 STREAM: Chatham SEGMENT: 1-01 DATE: 9/11/93 TEAM: JB/LG  
 ANADROMOUS: 0 WIDTH (m): 2-5 LENGTH (m): \_\_\_\_\_ GPS DATE: 9/12/ DIGITIZE: yn  
 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>coho</u>	<u>J</u>	<u>5</u>	<u>D</u>	<u>Age 1+</u>	<u>Black bear</u>	<u>1</u>	<u>scat</u>
<u>pinks</u>	<u>A</u>	<u>14</u>	<u>V</u>	<u>Dead in Trib</u>	<u>weir</u>		<u>Trails</u>
<u>pinks</u>	<u>A</u>	<u>8</u>	<u>V</u>	<u>Live in Trib</u>	<u>Bald eagle</u>	<u>1</u>	
<u>DV</u>	<u>J</u>	<u>2</u>	<u>D</u>	<u>Live in Trib</u>			
<u>coho</u>	<u>J</u>	<u>50</u>	<u>V</u>	<u>Live in Trib</u>			

GRADIENT(%): 1 CHANNEL PROFILE: V (B) U U V U F  
 CHANNEL PATTERN: single multi braided  
 STREAM SUBSTRATE: BEDROCK \_\_\_\_\_ BOULDER \_\_\_\_\_ RUBBLE \_\_\_\_\_ COBBLE \_\_\_\_\_  
 (rank three most predominant types) GRAVEL 1 SAND \_\_\_\_\_ MUD/SILT \_\_\_\_\_ ORGANICS \_\_\_\_\_ OTHER: \_\_\_\_\_  
 STREAM COVER TYPE: ORGANIC DEBRIS \_\_\_\_\_ DEAD BRANCHES/TWIGS \_\_\_\_\_ LOGS \_\_\_\_\_ BOULDERS \_\_\_\_\_  
 CUT BANK V OVERHANGING VEGET. V 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: grass saps \_\_\_\_\_

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

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

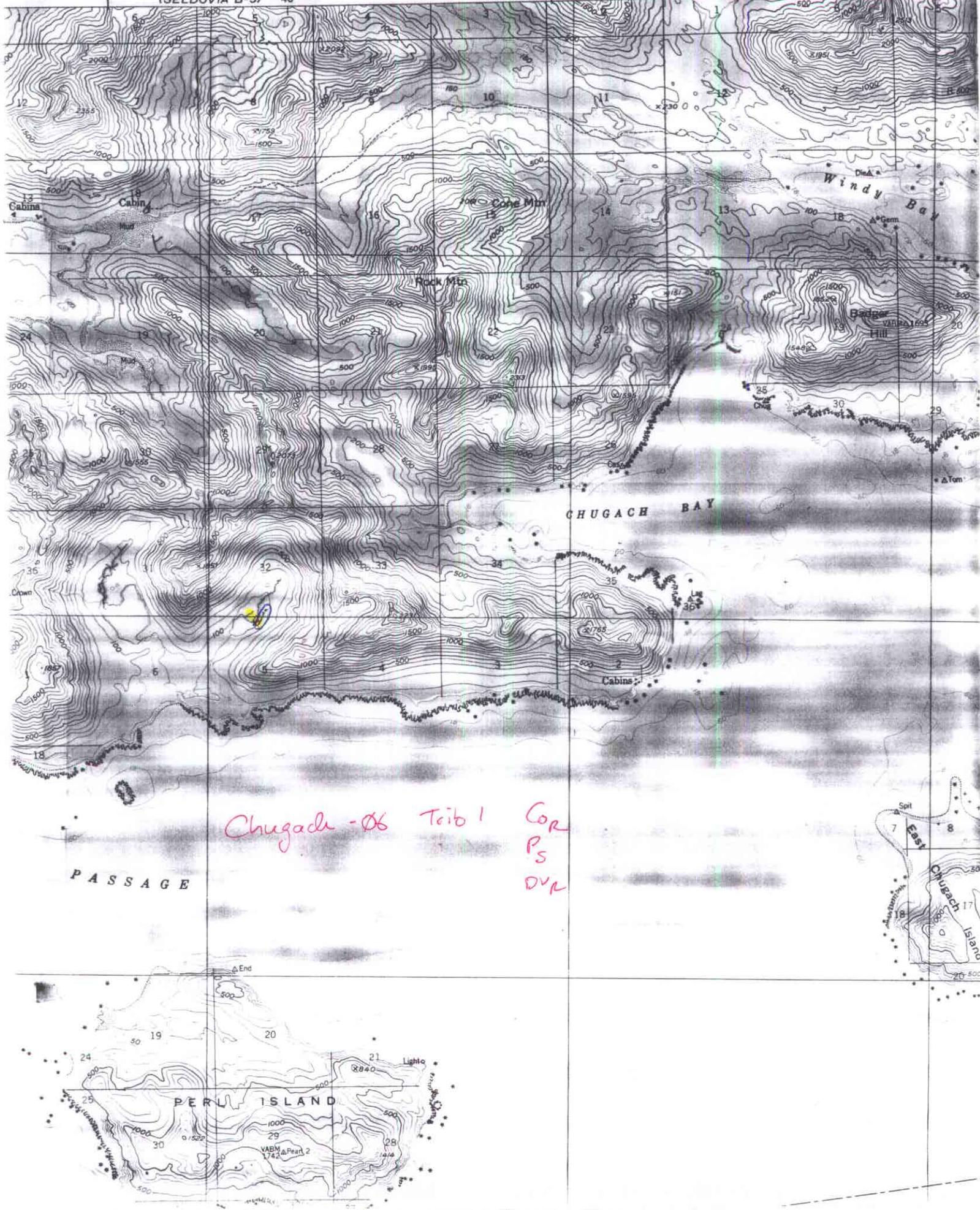
PHOTO ROLL(s): _____		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION

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

(SELDOVIA B-5) 40

200 000 FEET '80 35

'85 15



Chugach -06 Tib 1 Cor  
P  
DVK

PASSAGE

PERL ISLAND

# 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 <sup>KS</sup>  
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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