

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

Anadromous Water Catalog Number of Waterway 242-10-10230-2029

Name of Waterway _____ USGS name _____ Local name _____

Addition X Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 239</u>	<u>[Signature]</u>	<u>11/9/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>[Signature]</u>	<u>11/11/94</u>
Both <u>X</u>	<u>2. 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>40</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: Pink Salmon were observed and enumerated from the stream mouth to the 2.5 meter waterfall barrier. Stream width ranges from 2 meters at the mouth to 2.5 meters at the barrier. Gradient is 4 percent. Predominate stream substrate is gravel. Heavy black bear predation on pink salmon in this stream.

Name of Observer (please print) KATHAIN SUNDEI
 Date: 10/22/93 Signature: Kathain Sundet
 Address: 233 RASPBERRY ANCHORAGE AK 99518

ALASKA DEPT. OF FISH & GAME
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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: _____ Rev. 7/93

STREAM HABITAT ASSESSMENT - 1993 -- SEGMENTS

242-10-10230
 STREAM: Chatham 12 SEGMENT: 2-Φ DATE: 9/12/93 TEAM: KS DG
 ANADROMOUS: n WIDTH (m): 2-2.5 LENGTH (m): 100 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
Pink	A	40	V	all predated	Bear (Black) Other		Fish Kill Trails

GRADIENT(%): 4 CHANNEL PROFILE: A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: BEDROCK ___ BOULDER 3 RUBBLE 2 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 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
 UNDERSTORY: Alder Devils Club Salmon Berry
 CANOPY ABOVE STREAM: none low medium high
 GROWTH: mature secondary shrubs meadow muskeg intertidal

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

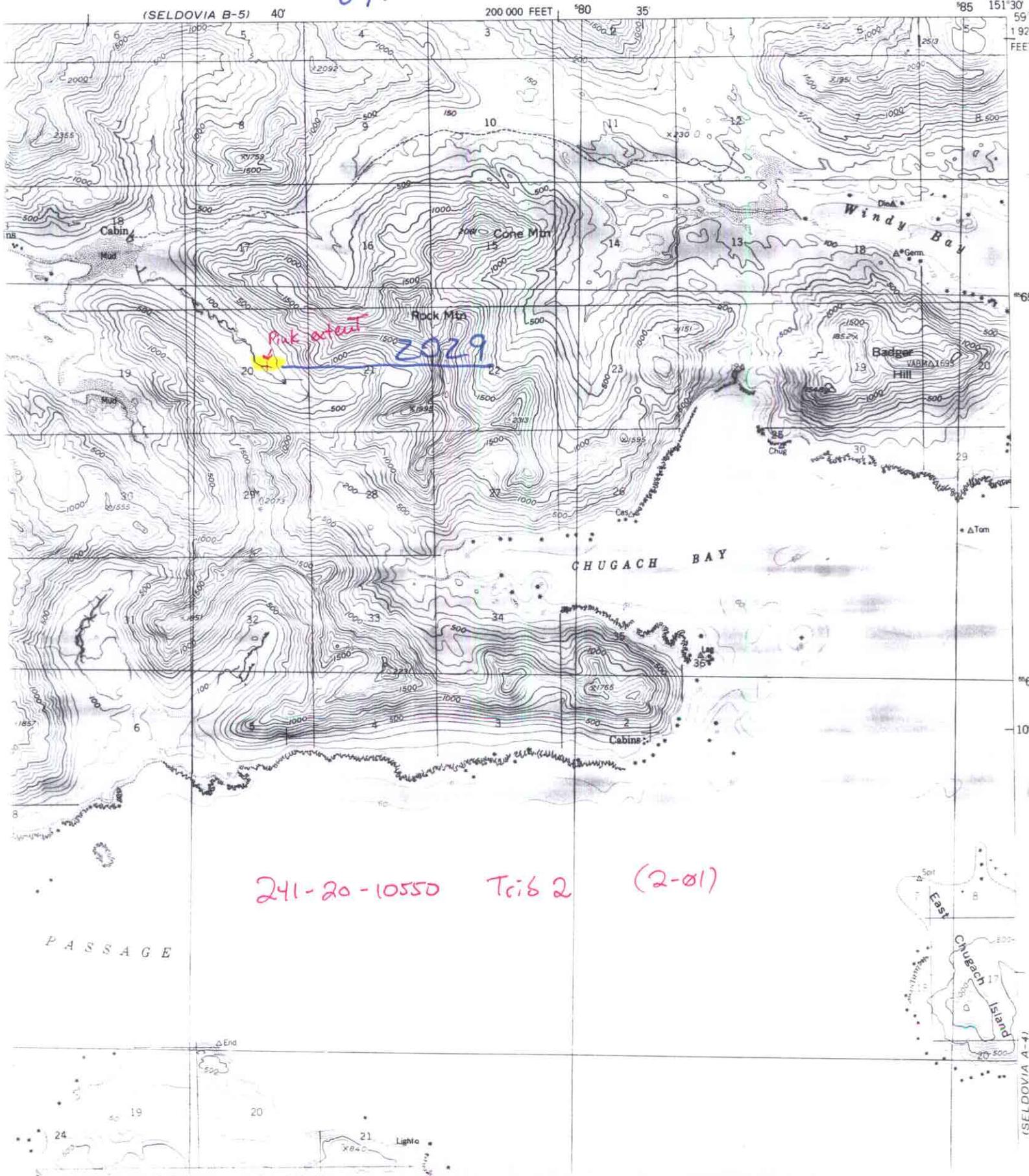
PHOTO ROLL(s): <u>Homer 1</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>13</u>	<u>Barrier</u>		

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

No live fish in stream. 40 fresh carcasses
on banks for entire length.

ADD stream
242-10-10230-2029
w/ps USE

SELDOVIA (A-5) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)



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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NOV 03 1993

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