

Paddy 03 ϕ - ϕ 1
 ϕ - ϕ 2

AWC Volume SE SC SW W AR IN USGS Quad Seward B3

Anadromous Water Catalog Number of Waterway 226-20-16009

Name of Waterway _____ USGS name _____ Local name _____

Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 148</u>	<u>J. Jones</u>	<u>11/19/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Weis</u>	<u>12/28/93</u>
Both <u>X</u>	<u>J. Inoue</u>	<u>2/3/94</u>
Revision Code: <u>A-2d</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon / Adult	8/28/93	225			<input checked="" type="checkbox"/>
Chum Salmon / Adult	8/28/93	1			<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: 225 Adult pink salmon were visually identified in this stream and were distributed from the mouth to a point 30 meters below the barrier. One dead adult chum salmon was visually identified 50 meters above the stream mouth. The barrier is a 2 meter high falls. Channel width is 30 meters at the mouth and 6 meters at the barrier. Gradient is 1-3 percent.

ALASKA DEPT. OF FISH & GAME

Name of Observer (please print) JEFF BARNHART
 Date: 10-6-93 Signature: Jeff Barnhart
 Address: 333 Raspberry Road
Anchorage, AK

NOV 02 1993

REGION II
 RESEARCH 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 - STREAMS

STREAM: PADDY - ~~Ø1 Ø3~~ QUAD: Seward B3 STAGE: H (M) L
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)
 DATE(s): 08/18/93 UTM ZONE: 6
 GPS FILES: 3090200c (4616010), 3090200f

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

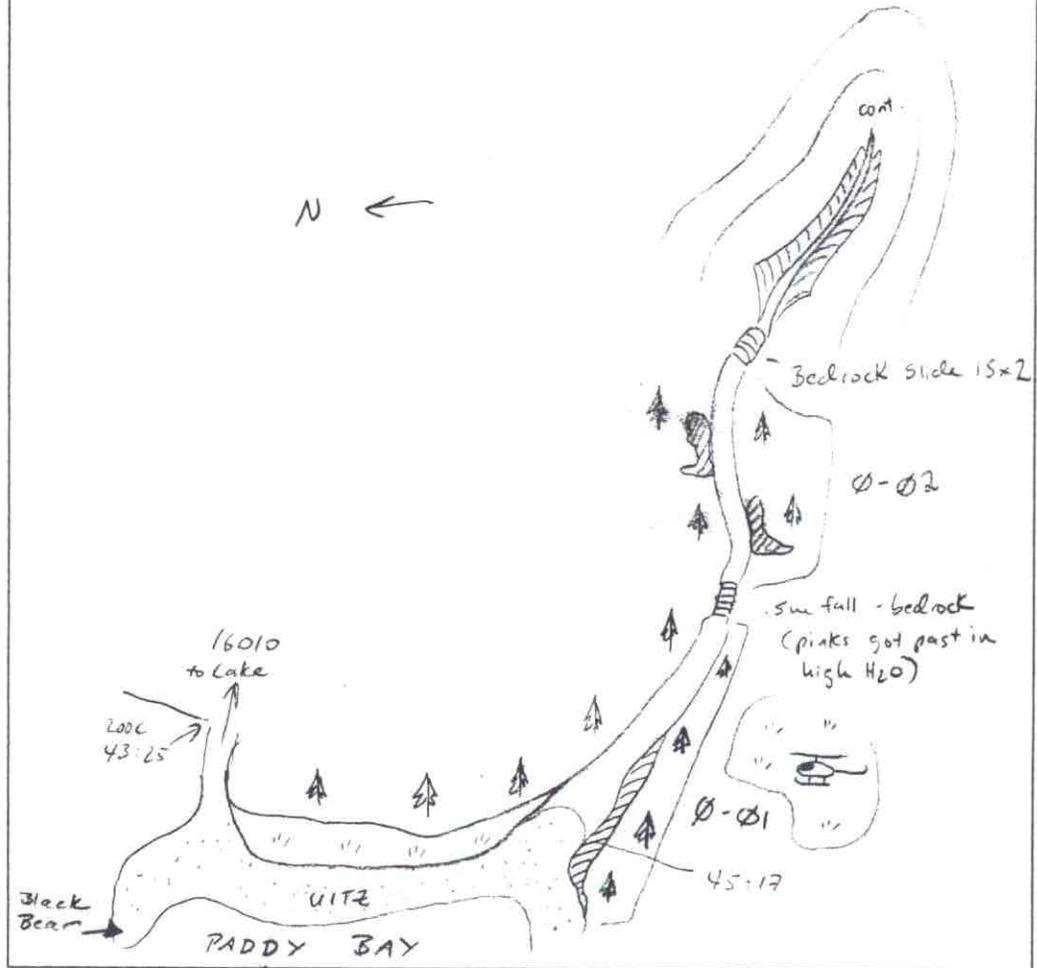


PHOTO ROLL(s): _____

VIDEO TAPE(s): _____

FRAME

DESCRIPTION

DATE

FRAME	DESCRIPTION	DATE

(Please enter comments on the other side)

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Paddy 0103 SEGMENT: 0-01 DATE: 8/28/93 TEAM: JB/KS
 ANADROMOUS: n WIDTH (m): 30 - 4 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
<u>pinks</u>	<u>A</u>	<u>200</u>	<input checked="" type="checkbox"/>		<u>Scat</u>		<u>scat</u>
<u>chum</u>	<u>A</u>	<u>1</u>	<input checked="" type="checkbox"/>	<u>dead</u>	<u>yellow legs</u>	<u>2</u>	
					<u>black bear</u>	<u>1</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 3 COBBLE 1
 GRAVEL 2 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 Fern Blueberry

CANOPY ABOVE STREAM: none low medium high

GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? n BARRIER TO SPECIES: _____ adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): _____ DIST. FROM UPPER EXTENT (m): _____

PHOTO ROLL(s): 3B04

VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>30</u>	<u>AT stream mouth looking upstream</u>		
<u>31</u>	<u>Bedrock slide: barrier to pink migration at this water level, we located pinks upstream of this 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)

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Paddy Pt 03 SEGMENT: 0-02 DATE: 0 28/93 TEAM: JB/KS
 ANADROMOUS: n WIDTH (m): 4-6 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
<u>pinks</u>	<u>A</u>	<u>25</u>	<u>V</u>		<u>Bear</u>	<u>1</u>	<u>Tracks</u>

GRADIENT(%): 3 CHANNEL PROFILE: V A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: (rank three most predominant types)
 BEDROCK 1 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 Blueberry _____
 CANOPY ABOVE STREAM: none low medium high
 GROWTH: mature secondary shrubs meadow muskeg intertidal

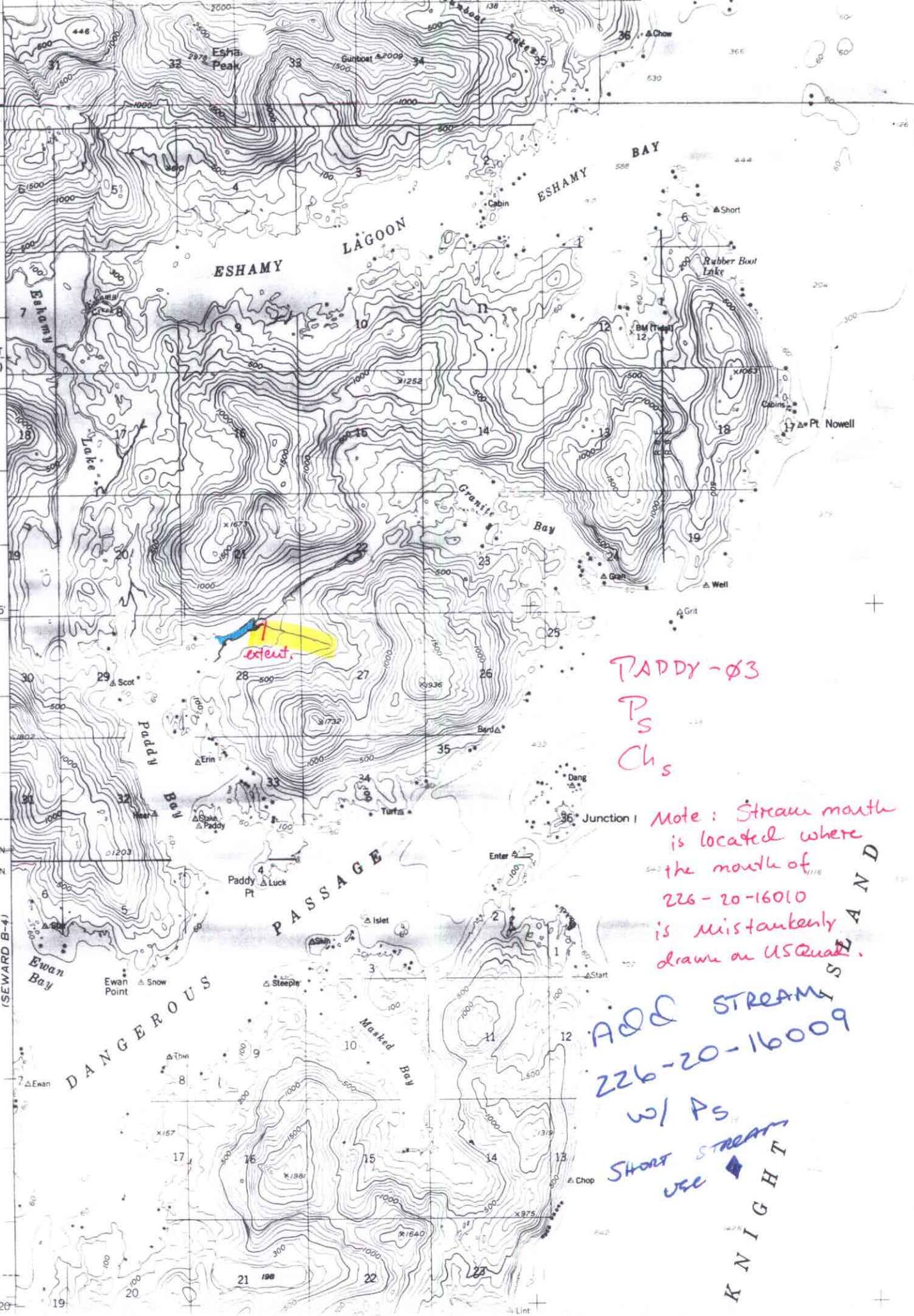
TOTAL BARRIER? n BARRIER TO SPECIES: pinks adults juveniles
 TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 2 DIST. FROM UPPER EXTENT (m): 30

PHOTO ROLL(s): <u>5304</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>32</u>	<u>Looking upstream Falls</u>		
<u>33</u>	<u>Top of Spruce tree; note Alaska flying Fish.</u>		

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

2 360 000 FEET
(ZONE 4)

T 5 N
T 4 N
T 3 N
T 2 N
T 1 N
25
24
23
22
21
20



extent

PADDY-03
Ps
Chs

Note: Stream mouth
is located where
the mouth of
226-20-16010
is mistakenly
drawn on US Quads.

ADD STREAM
226-20-16009
w/ Ps

SHORT STREAM
USE

KNIGHT

(SEWARD B-4)

DANGEROUS

PASSAGE

S L A N D

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

FROM: Kathrin Sundet *KS*
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

SUBJECT: Anadromous Stream
Nominations
and Corrections
Project R-51

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