

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

Anadromous Water Catalog Number of Waterway 226-20-16019

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

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

For Office Use

Nomination # <u>94 147</u>	<u>Joy</u>	<u>11/19/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Wein</u>	<u>12/28/93</u>
Revision Code: <u>Both X</u> <u>A-Z</u>	<u>Z. Inoue</u>	<u>2/3/94</u>
	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink salmon/Adult	8/10/93	200			<input checked="" type="checkbox"/>
Sockeye salmon/Adult	8/10/93	1			<input checked="" type="checkbox"/>
Dolly Varden/Juvenile	8/10/93		1		

**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: 200 adult pink salmon and one adult sockeye salmon were visually identified in the intertidal zone at the stream mouth. Due to extremely low flow rate, these fish were unable to access the stream. Excellent spawning habitat exists throughout the first mainstem segment. One juvenile coho salmon was dipnetted 18 meters above the segment break. Channel width is 10 meters at the mouth and 3 meters at the barrier which is a 1 meter falls. Gradient is 1-4%. Pink Salmon were observed throughout during an overflight on 8/23/93.

Name of Observer (please print) Dan Gray ALASKA DEPT. OF FISH & GAME  
 Date: 10-6-93 Signature: Dan Gray NOV 02 1993  
 Address: ADFG 333 Raspberry Rd. REGION II  
Anchorage, AK 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: \_\_\_\_\_ Rev. 7/93

# STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: Paddy  $\phi 2$  QUAD: Seward B3 STAGE: H M  $\odot$   
 LANDOWNER: Chansgo CAC Eyak Tatitlek Pt. Graham English Bay (circle one)  
 DATE(s): 8/10/93 UTM ZONE: 6  
 GPS FILES: B081022C

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

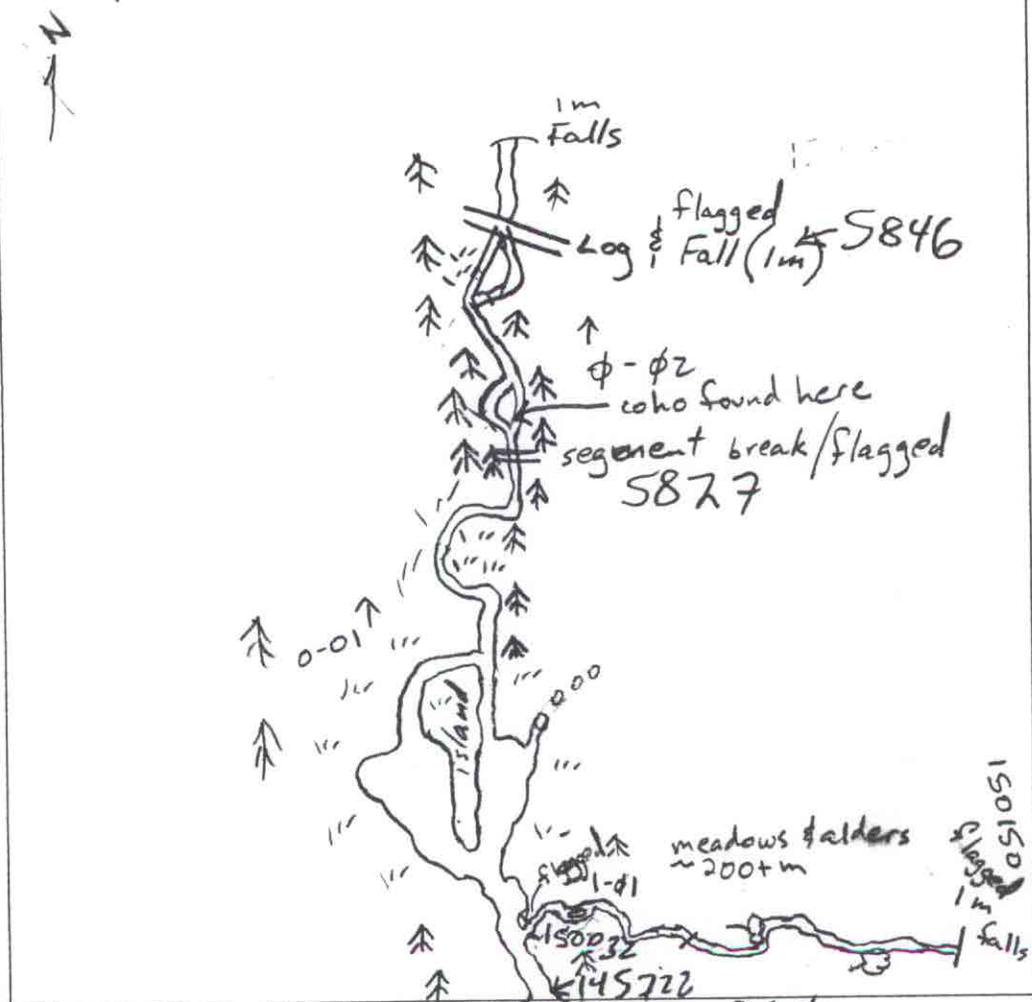


PHOTO ROLL(s): \_\_\_\_\_

VIDEO TAPE(s): DG01

FRAME	DESCRIPTION	DATE	
		8/10	T.C. → $\phi 44$ Mouth
		8/10	TC. → 85 1- $\phi 1$
		8/10	TC → 108 0-01
		8/10	TC → 150 0-02

(Please enter comments on the other side)



Trib

## STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Paddy #2 SEGMENT: 0:02 DATE: 8/10/93 TEAM: BARUNART & RAY  
 ANADROMOUS: y n WIDTH (m): 3-3 LENGTH (m): 100<sup>EST</sup> 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>Coho</u>	<u>5</u>	<u>1</u>	<u>D</u>	<u>Age 1+</u> <u>Coho was located</u> <u>18m upstream</u> <u>of segment break</u>			

GRADIENT(%): 4 CHANNEL PROFILE: V □ □ ○ ~ —  
 A B C D E F  
 CHANNEL PATTERN: single multi braided  
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK 2 BOULDER 1 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: Heulock Spinal  
 UNDERSTORY: Devils Club Salmon berry Fern

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: fall slide beaverdam logjam spring substrate HEIGHT (m): 1 DIST. FROM UPPER EXTENT (m): 90

PHOTO ROLL(s): <u>SB01</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>17</u>	<u>Logjam 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)

Trib  
**STREAM HABITAT ASSESSMENT 1993 - SEGMENTS**

STREAM: Paddy 02 SEGMENT: 1-01 DATE: 8/12/93 TEAM: Gray BARNHART  
 ANADROMOUS: y n WIDTH (m): 1 - 1 LENGTH (m): 250 GPS DATE: -/- DIGITIZE: y n  
 WATERBODY: mainstem tributary lake/pond Intertidal other: \_\_\_\_\_

FISH				WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METH (F)	SPECIES	COUNT	COMMENTS
Sculpin	A	1				Scat Tracks

Did not nominate

GRADIENT(%): 1.5 CHANNEL PATTERN:  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: Herlock spruce  
 UNDERSTORY: Alder grasses blueberries

CANOPY ABOVE STREAM: none low medium high

GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? yn BARRIER TO SPECIES: All adults juveniles

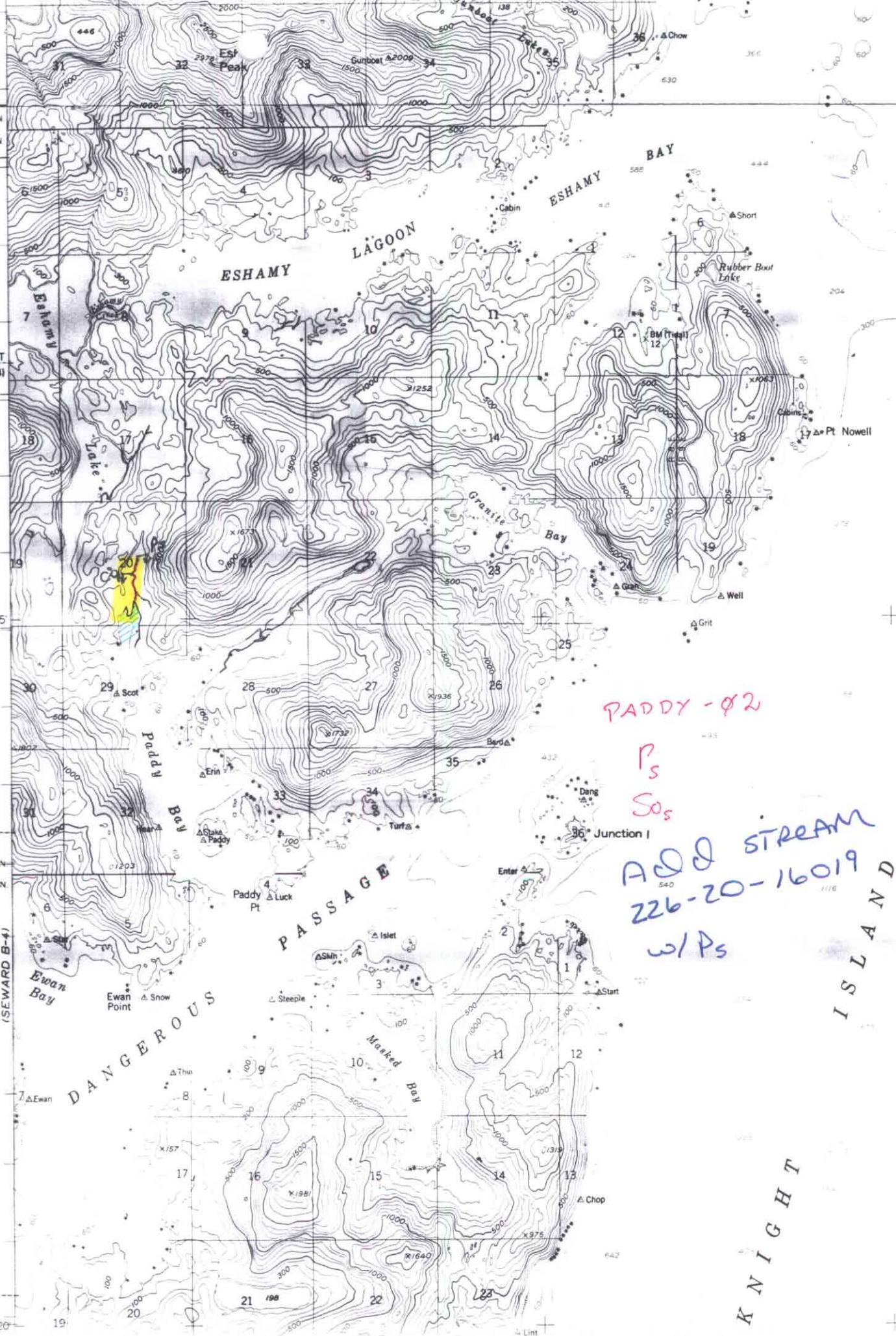
TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 1 DIST. FROM UPPER EXTENT (m): NA

PHOTO ROLL(s): <u>JB 01</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>21</u>	<u>1m 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)

2 360 000 FEET  
(ZONE 4)

T 5 N  
T 4 N  
T 3 N  
T 2 N  
19  
20



PADDY - Ø2

Ps

SoS

ADD STREAM

226-20-16019

w/Ps

ISLAND

KNIGHT

# 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