

State of Alaska  
 Department of Fish and Game  
 Nomination for Waters  
 Important to Anadromous Fish

Isks 05

AWC Volume SE SC SW W AR IN USGS Quad Seward B-2

Anadromous Water Catalog Number of Waterway 226-30-16858

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

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

For Office Use

Nomination # <u>94 129</u>	<u>J. J. [Signature]</u>	<u>11/19/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>E. O. Wein</u>	<u>12/28/93</u>
Both <input checked="" type="checkbox"/>	<u>Z. Brown</u>	<u>2/2/94</u>
Revision Code: <u>A-22</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon - Adults</u>	<u>9-1-93</u>	<u>125 est.</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:** Visually identified and estimated numbers of pink salmon. Pinks were distributed throughout the stream from the intertidal zone up to the one meter waterfall barrier. Substrate is cobble, gravel, rubble. Stream width ranges from 3 meters at the mouth to 2 meters at the barrier. Gradient is 5 percent.

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

ALASKA DEPT. OF FISH & GAME  
 NOV 6 8 1993  
 REGION II HABITAT 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: \_\_\_\_\_ Rev. 7/93

# STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Isles 05 SEGMENT: 0-01 DATE: 7/1/93 TEAM: JB/KS

ANADROMOUS:  n WIDTH (m): 3 - 2 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>125</u>	<u>V</u>	<u>Estimate of Live Fish</u>			

GRADIENT(%): 5 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 4  
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: \_\_\_\_\_  
UNDERSTORY: grass \_\_\_\_\_

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): 1 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)

# STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: 15LES-05      QUAD: Seward B-2      STAGE: H M L  
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)  
 DATE(s): 09/01/93      UTM ZONE: 6  
 GPS FILES: \_\_\_\_\_

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

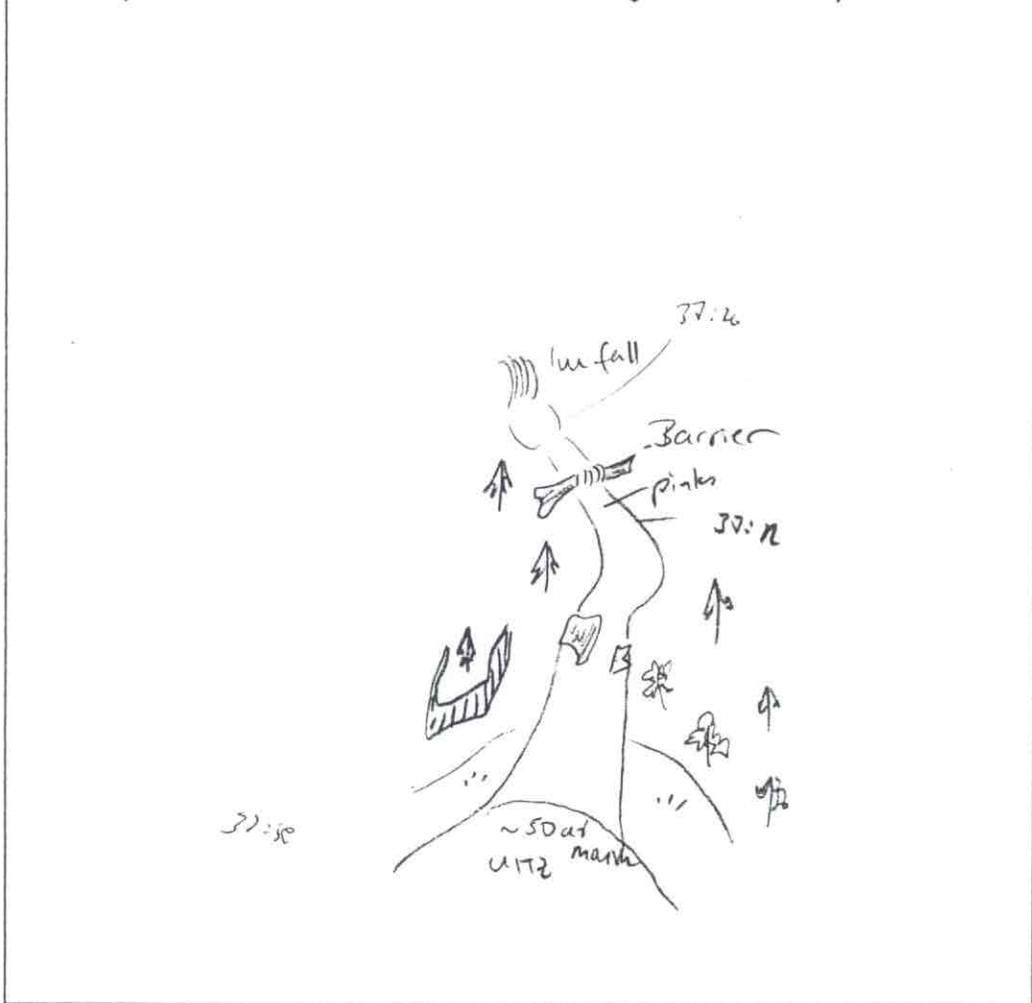


PHOTO ROLL(s): _____		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	

(Please enter comments on the other side)



Add stream  
 226-30-16858  
 w/ Ps  
 USE

ISLES-05  
 Ps INTERTIDAL

ONTAGUE

(SEWARD B-3)

20

Marsha Bay

Yellow Cliffs

Rua Cove

Iron Mountain

West Arm

South Arm

Shot Arm

BAY OF ISLES

Otter Lake

GULL LAKE

SOLY COVE

Louisa Bay

Passage New Cove

FERRING BAY

Manning Rocks

# 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