

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

Simpson 9

AWC Volume SE SC SW W AR IN USGS Quad Cordova C5

Anadromous Water Catalog Number of Waterway 221-20-10170

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

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

For Office Use

Nomination # <u>94 234</u>	<u>J. J. [Signature]</u>	<u>11/8/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>EO W [Signature]</u>	<u>1/24/94</u>
Both <input checked="" type="checkbox"/>	<u>Z. Stone</u>	<u>2/8/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon - Adult</u>	<u>8/20/93</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: Two adult pink salmon were observed in this stream during a foot survey. No barrier was encountered. The upper extent of pink salmon distribution is indicated on the attached map. Stream channel width ranges from 2 meters at the mouth to 1.5 meters at the upper extent of salmon distribution. Gradient is 2 percent. The stream substrate is predominately cobble and gravel. Instream cover is high. Based on stream characteristics this system could potentially support a much larger spawning population of pink salmon.

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

ALASKA DEPT. OF FISH & GAME  
 NOV 03 1993  
 REGION II DISTRICT 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: \_\_\_\_\_

# STREAM HABITAT ASSESSMENT 993 - SEGMENTS

STREAM: Simpson 09 SEGMENT: 0-01 DATE: 8/20/93 TEAM: KS/JP  
 ANADROMOUS:  n WIDTH (m): 2-5 LENGTH (m): \_\_\_\_\_ GPS DATE: 8/20 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>pink</u>	<u>A</u>	<u>2</u>	<u>V</u>		<u>Stellers jay</u>	<u>1</u>	

GRADIENT(%): 2 CHANNEL PROFILE: V (B) U U U U U  
A B C D E F  
 CHANNEL PATTERN: single multi braided  
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK \_\_\_\_\_ BOULDER \_\_\_\_\_ RUBBLE \_\_\_\_\_ COBBLE 2  
 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 hemlock  
 UNDERSTORY: Alates skunk cabbage ferns  
 CANOPY ABOVE STREAM: none low medium high  
 GROWTH: mature stunted secondary shrubs meadow muskeg intertidal

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

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: SIMPSON - 09 QUAD: CORDOVA - C5 STAGE: H/M/L  
 LANDOWNER: Chenega CAC (Eyak) Tatitlek Pt. Graham English Bay (circle one)  
 DATE(s): 8/20/93 UTM ZONE: 6  
 GPS FILES: 19E

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

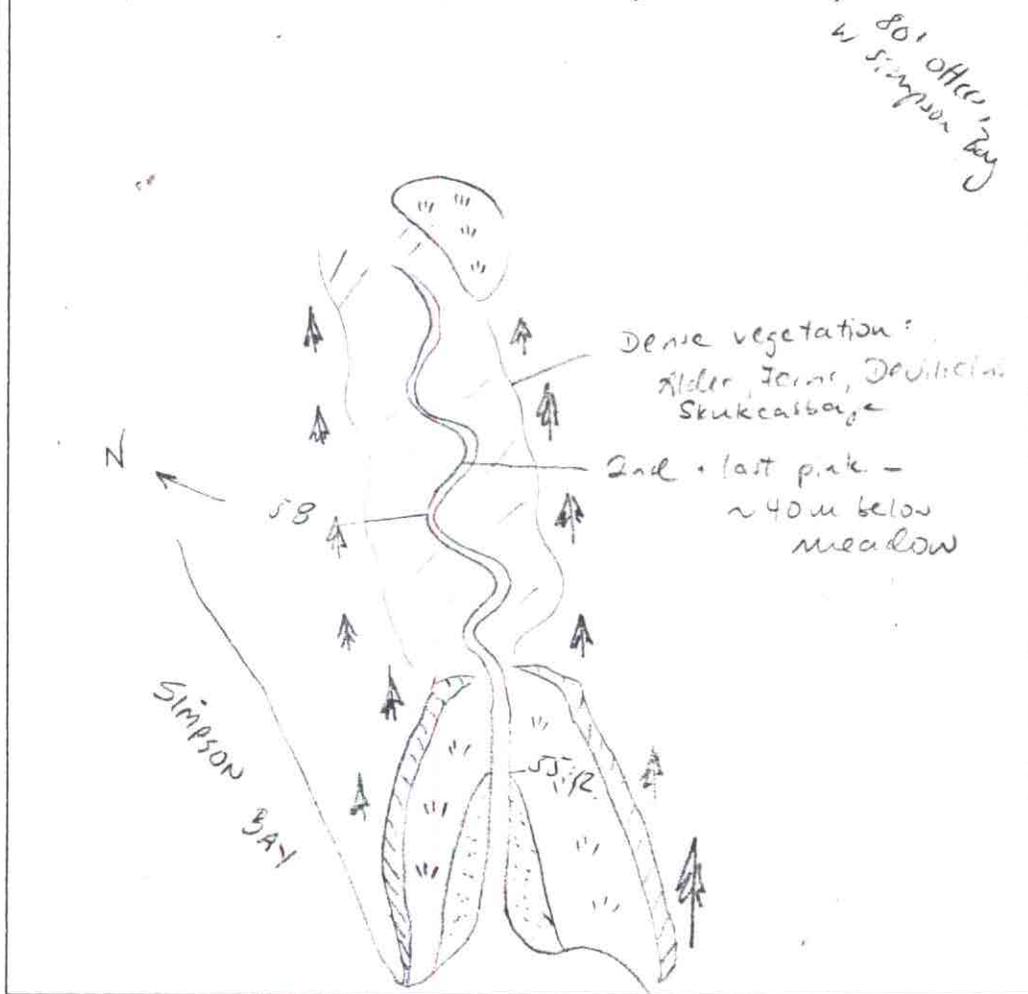


PHOTO ROLL(s): <u>JB-03</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	
<u>1</u>	<u>mouth area</u>		

(Please enter comments on the other side)



# 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

**FROM:** Kathrin Sundet  
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 53 streams surveyed in the fall of 1993 on private lands held by the Tatitlek and Eyak Native Corporations in northeast 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.

There substantial discrepancies among shorelines on the USGS quad sheets, the DNR shoreline, and observed shorelines in this area. In some cases I have attached enlarged plots generated from GPS data and the DNR shoreline to the nomination form in order to illustrate the differences.

## Attachments

cc w/o Attachments: Lance Trasky  
Don McKay  
Mark Kuwada