

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

242-31-10120 Segment 8-01  
 (Tab B)

AWC Volume SE SC SW W AR IN USGS Quad Seldovia B-4

Anadromous Water Catalog Number of Waterway 242-31-10120-2159

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

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

For Office Use

Nomination # <u>94 261</u>	<u>[Signature]</u>	<u>1/19/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>E.O. Wein</u>	<u>12/27/93</u>
Both <u>X</u>	<u>Z. Arone</u>	<u>2/2/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Coho salmon - Juvenile</u>	<u>9-10-93</u>		<u>700</u>		<u>✓</u>
<u>Pink salmon - Adults</u>	<u>9-10-93</u>	<u>2</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: A foot survey was conducted from the stream mouth to the barrier, which is a spring. Coho salmon were found throughout this stream to within 7 meters of the barrier. Adult pink salmon were located just downstream of the barrier as indicated on the sketch. Juvenile coho were visually identified then captured by dipnet for positive identification. Stream width ranges from 5 meters at the mouth to 2 meters at the upper extent above the small pond. Gradient is 1 percent. Thick alder along entire stream provides good shade/covers. Stream substrate is predominantly gravel. Excellent spawning/rearing stream.

Name of Observer (please print) JEFF BARNHART ALASKA DEPT. OF FISH & GAME  
 Date: 10-13-93 Signature: [Signature]  
 Address: 333 Raspberry Road Anchorage AK NOV 03 1993  
 REGION II  
 WATER 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 1993 - SEGMENTS

STREAM: Rocky 8 <sup>242-31-10120</sup> SEGMENT: 8-01 DATE: 7/16/93 TEAM: JBL/G

ANADROMOUS:  n WIDTH (m): 5-2 LENGTH (m): \_\_\_\_\_ GPS DATE: 7/10/ 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>J</u>	<u>700</u>	<u>V</u>		<u>moose</u>		<u>SCAT</u>
<u>coho</u>	<u>J</u>	<u>5</u>	<u>D</u>		<u>Snowshoe Hare</u>		<u>SCAT</u>
<u>pink</u>	<u>A</u>	<u>2</u>	<u>V</u>		<u>Red Squirrel</u>	<u>3</u>	
					<u>Black Bear</u>		<u>Tracks</u>

GRADIENT(%): 1 CHANNEL PROFILE: V A B C D E F

CHANNEL PATTERN: single   multi  braided

STREAM SUBSTRATE: BEDROCK \_\_\_\_\_ BOULDER \_\_\_\_\_ RUBBLE \_\_\_\_\_ COBBLE \_\_\_\_\_  
 (rank three most predominant types) GRAVEL 1 SAND \_\_\_\_\_ MUD/SILT 2 ORGANICS 3 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: Alder grass Fern

CANOPY ABOVE STREAM: none low medium  high

GROWTH: mature secondary  shrubs meadow muskeg intertidal

TOTAL BARRIER?  BARRIER TO SPECIES: coho/pinks  adult  juvenile  
 TYPE: fall slide beaverdam logjam  spring substrate HEIGHT (m): \_\_\_\_\_ DIST. FROM UPPER EXTENT (m): 2

PHOTO ROLL(s): <u>SB05</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>24</u>	<u>Pond - 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)

DO NOT ENTER

# STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: Rocky #8 QUAD: Seldovia A-5 STAGE: H M L  
 LANDOWNER: Chenega CAC Eyak Totitlek Pt. Graham English Bay (circle one)  
 DATE(s): 9/10/93 UTM\_ZONE: S  
 GPS FILES: B092218G

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

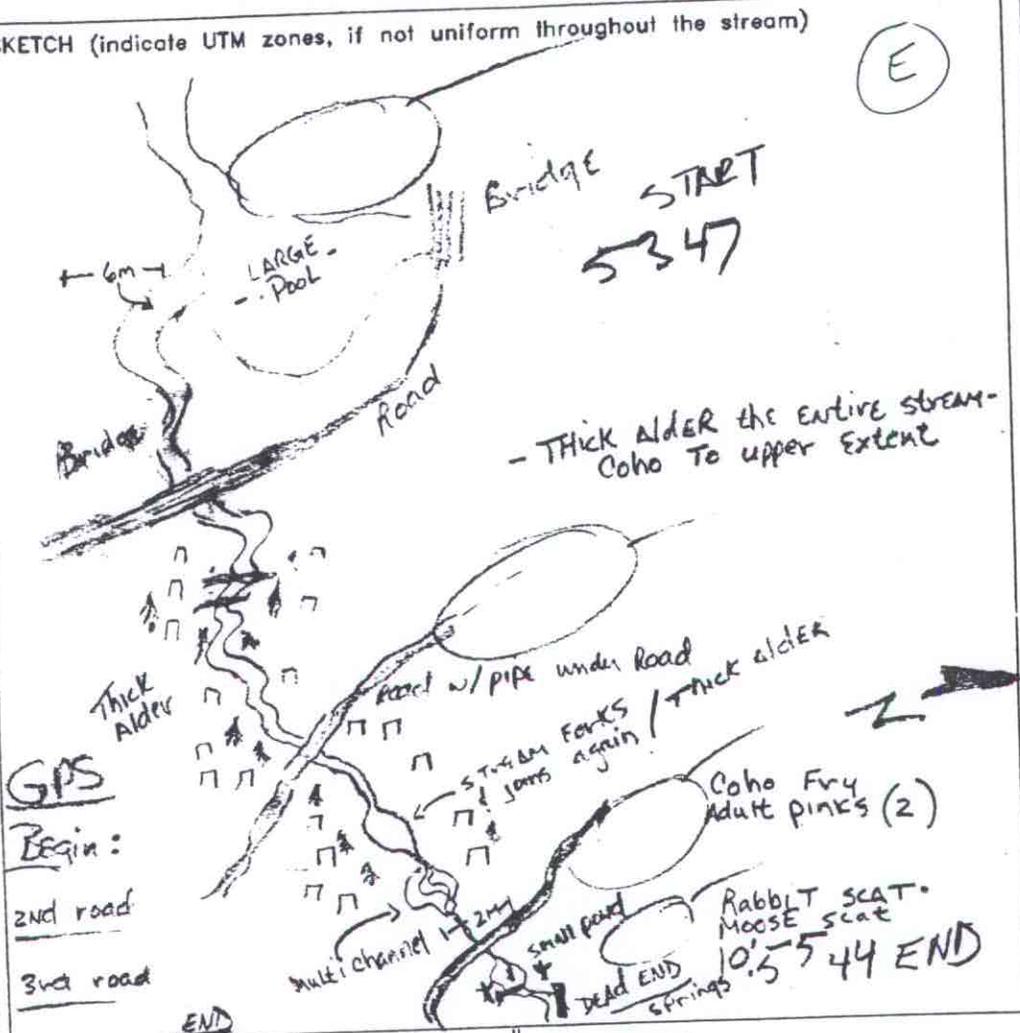


PHOTO ROLL(s):

VIDEO TAPE(s):

FRAME

DESCRIPTION

DATE

(Please enter comments on the other side)

Heavily shaded stream due to alder growth,  
after heavy logging. Secondary growth to 20'.  
Excellent stock of Coho fry in shaded stream.

Cut banks, overhanging vegetation & numerous logs,  
silt/mud, organic debris & a small amount of gravel  
make up the substrate. The stream crosses 3 roads  
& winds itself into a small pond adjacent to the  
upper road. The upper extent consists of 2  
small trails that run into the pond from a spring.  
Heavy amount of horsetail at the pond.

Wesley Thornley



# 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

ALASKA DEPT. OF  
FISH & GAME

NOV 03 1993

REGION II  
HABITAT AND RESTORATION  
DIVISION