

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

342-31-10120  
 Trib 9-01

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

Anadromous Water Catalog Number of Waterway 242-31-10119-2010-3005

Name of Waterway 94 259 USGS name \_\_\_\_\_ Local name \_\_\_\_\_

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

For Office Use

Nomination # _____	<u>1/19/94</u> Date
Revision Year: <u>94</u>	Regional Supervisor <u>Joey</u>
Revision to: Atlas _____ Catalog _____	<u>Ed Wein</u> Date <u>1/7/94</u>
Both <input checked="" type="checkbox"/>	<u>2. Drone</u> Date <u>2/2/94</u>
Revision Code: <u>A-22</u>	Drafted _____

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon - Adult</u>	<u>9-8-93</u>	<u>80</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: Pink salmon were observed from the stream mouth, throughout the stream, up to within 1.5 meters of the .5 m high waterfall barrier. Stream width ranges from 2 meters at the mouth to 1.25 meters at the upper extent. Gradient is 1 percent. Predominant substrate is gravel.

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Name of Observer (please print) JEFF BARNHART

Date: 10-13-93 Signature: Jeff Barnhart

Address: 333 Raspberry Blvd  
 Anchorage AK

NOV 03 1993

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 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 <sup>Trib.</sup> SEGMENTS

STREAM: 242-31-10120 Roky 70 SEGMENT: 6-01 <sup>9-01</sup> DATE: 9/8/93 TEAM: JB/WC  
 ANADROMOUS:  WIDTH (m): 1-1.25 LENGTH (m): \_\_\_\_\_ GPS DATE: 9/10 DIGITIZE: y/n  
 WATERBODY: mainstem  lake/pond welland 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>30</u>	<u>✓</u>	<u>live</u>	<u>Bear</u>		<u>tracks/scat</u>
<u>pink</u>	<u>A</u>	<u>50</u>	<u>✓</u>	<u>dead</u>			

GRADIENT(%): 1 CHANNEL PROFILE: V □ U ∩ ∪ —  
A B C D E F  
 CHANNEL PATTERN:  single multi braided  
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK   BOULDER   RUBBLE   COBBLE    
 GRAVEL 1 SAND   MUD/SILT 3 ORGANICS 2 OTHER: \_\_\_\_\_  
 STREAM COVER TYPE: ORGANIC DEBRIS   DEAD BRANCHES/TWIGS X LOGS X BOULDERS    
 CUT BANK X OVERHANGING VEGET. X OTHER: \_\_\_\_\_  
 STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:  
 OVERSTORY: Sitka spruce  
 UNDERSTORY: Devils club salmonberry Fern  
 CANOPY ABOVE STREAM: none low medium high  
 GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER?  BARRIER TO SPECIES: pink adults juveniles  
 TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 15 DIST. FROM UPPER EXTENT (m): 15

PHOTO ROLL(s): <u>JBAS</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>19</u>	<u>1/2 mile barrier, clearcut beyond 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)

242-31-10120 DO NOT ENTER  
 STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: ~~Rocky Bay 06~~ QUAD: ~~Soldov.a-B~~ <sup>B-4</sup> STAGE: H M (L)  
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)  
 DATE(s): 9/8/93 UTM ZONE: 5  
 GPS FILES: B091018F = Second File B091019A (Top of Trib to confluence only)

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

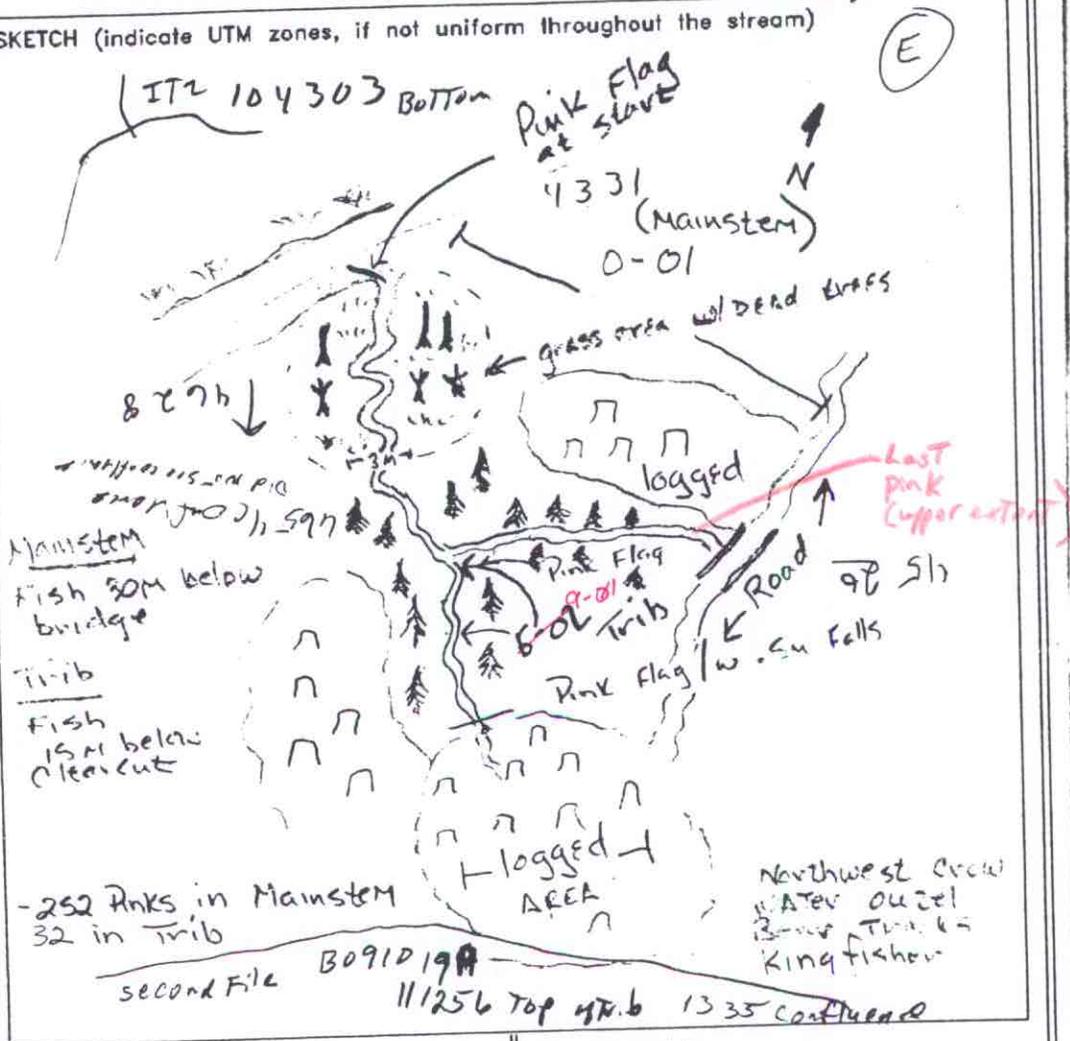


PHOTO ROLL(s): \_\_\_\_\_

VIDEO TAPE(s): \_\_\_\_\_

FRAME

DESCRIPTION

DATE

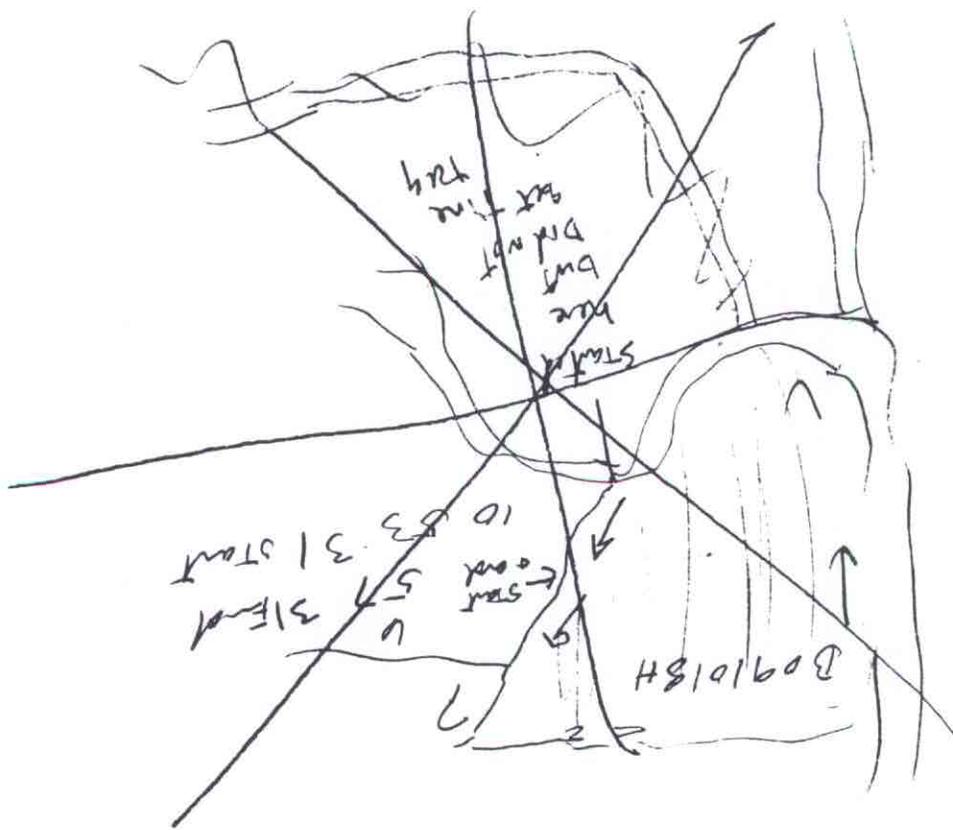
FRAME	DESCRIPTION	DATE

(Please enter comments on the other side)

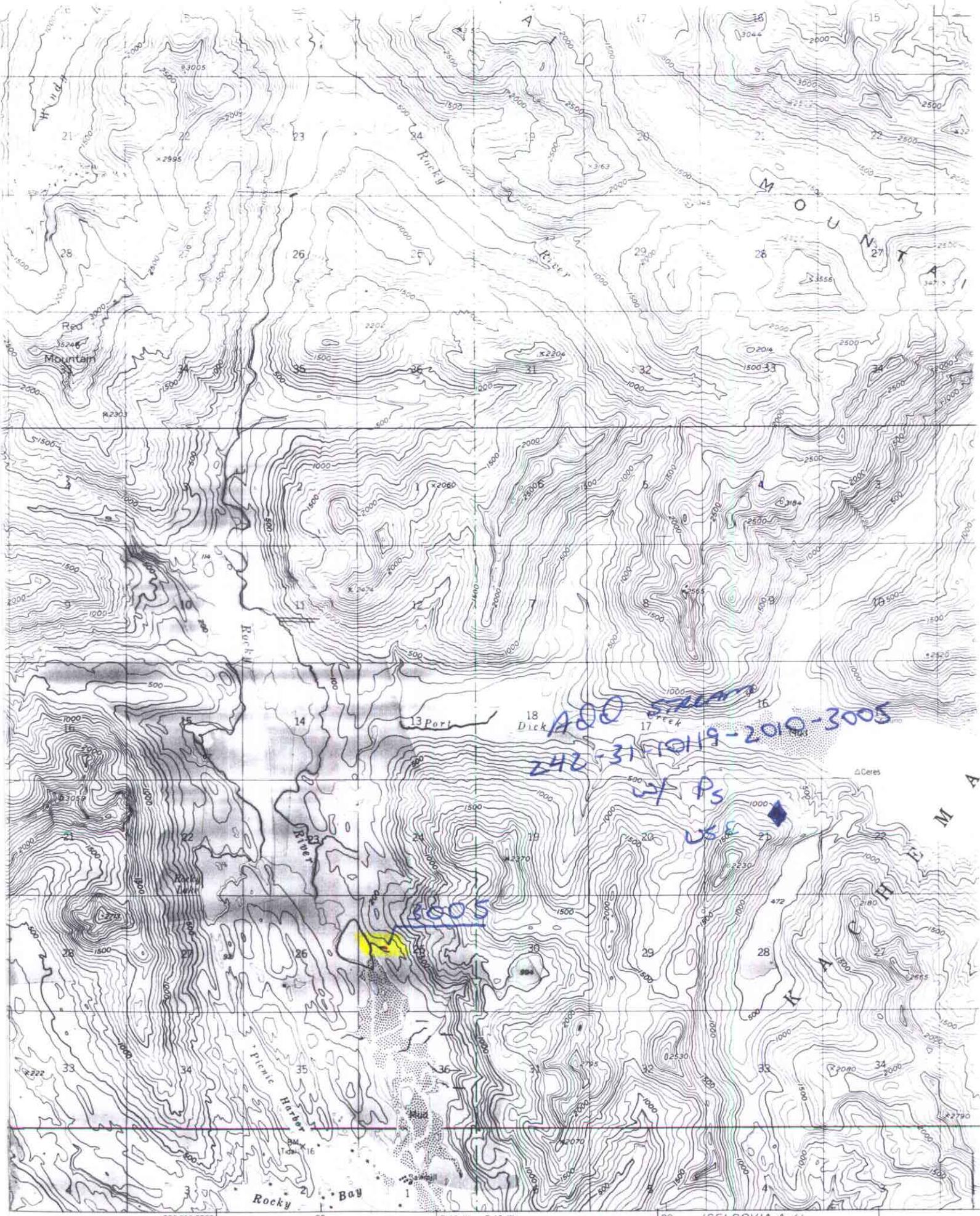
STREAM starts in grass, dead tree area.  
 Lower portion substrate consists of gravel, mud  
 & organic debris. It winds itself into thick understory  
 of Alder, Devils Club & high bush cranberry.

ONE trib runs to the East & ends at  
 a clear cut. Mainstem heads North & also  
 ends at a clear cut & goes under a bridge  
 for the logging road.

It seems as if the stream channel has  
 changed course numerous times due to  
 gravel that has been moved by high  
 water & a braided, unorganized channel  
 in one area. Numerous wildlife in the area.



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1, edited, and published by the Geological Survey  
 by USC&GS and USCE  
 (phy by photogrammetric methods from aerial photographs)

242-31-10120 9-01 (tr.09)

SCALE 1:63360

# 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 <sup>KS</sup>  
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

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