

Bligh-01
 OK - Pink in 1993 - many as captures very few likely much higher in non-mel years

AWC Volume SE (SC) SW W AR IN

USGS Quad

Cordova D-8

Anadromous Water Catalog Number of Waterway

221-40-11071

Name of Waterway _____

USGS name _____

Local name _____

Addition

Deletion _____

Correction _____

Backup Information _____

For Office Use

Nomination # <u>94 182</u>	<u>[Signature]</u>	<u>1/18/94</u>
Revision Year: <u>'94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>[Signature]</u>	<u>1/7/94</u>
Both <u>X</u>		
Revision Code: <u>A-2d</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon/adult	8/22/93	4			✓

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: During foot survey of this stream, four adult pink salmon were observed in the intertidal channel. The mainstem barrier is a 3 meter high fall approximately 150 meters from the mouth. Substrate is fragmented shale and bedrock. Channel width at the mouth and the barrier is 6 meters, and gradient is 4%.

Name of Observer (please print) KATHARIN SUNDET

ALASKA DEPT. OF FISH & GAME

Date: 10/6/93

Signature: [Signature]

NOV 03 1993

Address: 333 RASPBERRY

ANCHORAGE AK 99513

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: Bligh Island 01 SEGMENT: 0-01 DATE: 8/22/93 TEAM: WGS
 ANADROMOUS: yn WIDTH (m): 6-6 LENGTH (m): 150 GPS DATE: -/- DIGITIZE: yn
 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>4</u>	<u>V</u>				

GRADIENT(%): 4 CHANNEL PROFILE: V U U U U U
A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: BEDROCK 1 BOULDER _____ RUBBLE 3 COBBLE 2
(rank three most predominant types) 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: Hemlock Spruce
 UNDERSTORY: Alder Devils Club Blackberry

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): 2.5 DIST. FROM UPPER EXTENT (m): 150

PHOTO ROLL(s): <u>KS05</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>25</u>	<u>Mid Stream, gradient increase</u>		
<u>26</u>	<u>Blockage Falls</u>		
<u>27</u>	<u>Mid segment</u>		
<u>28</u>	<u>Extent of barrier</u>		

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: BLIGH - 01 QUAD: Cordova D8 STAGE: H (M)
 LANDOWNER: Chenega CAC Eyak (Totitle) Pt. Graham English Bay (circle one)
 DATE(s): 28/23/93 UTM ZONE: 6
 GPS FILES: _____

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

Comments: ^{habitat} no spawning ^{habitat} above mouth - rugged shale + bedrock. No gravel present.

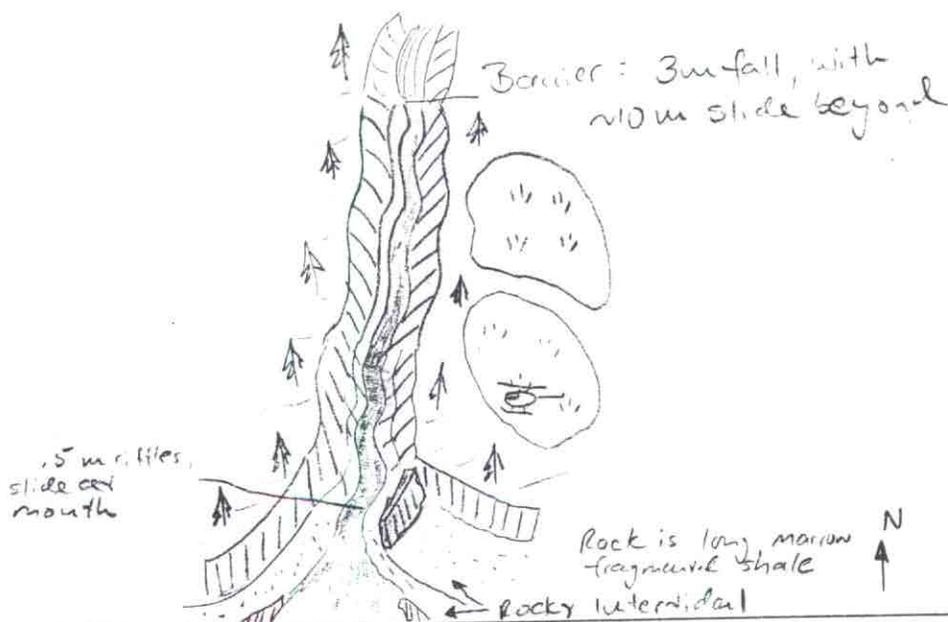


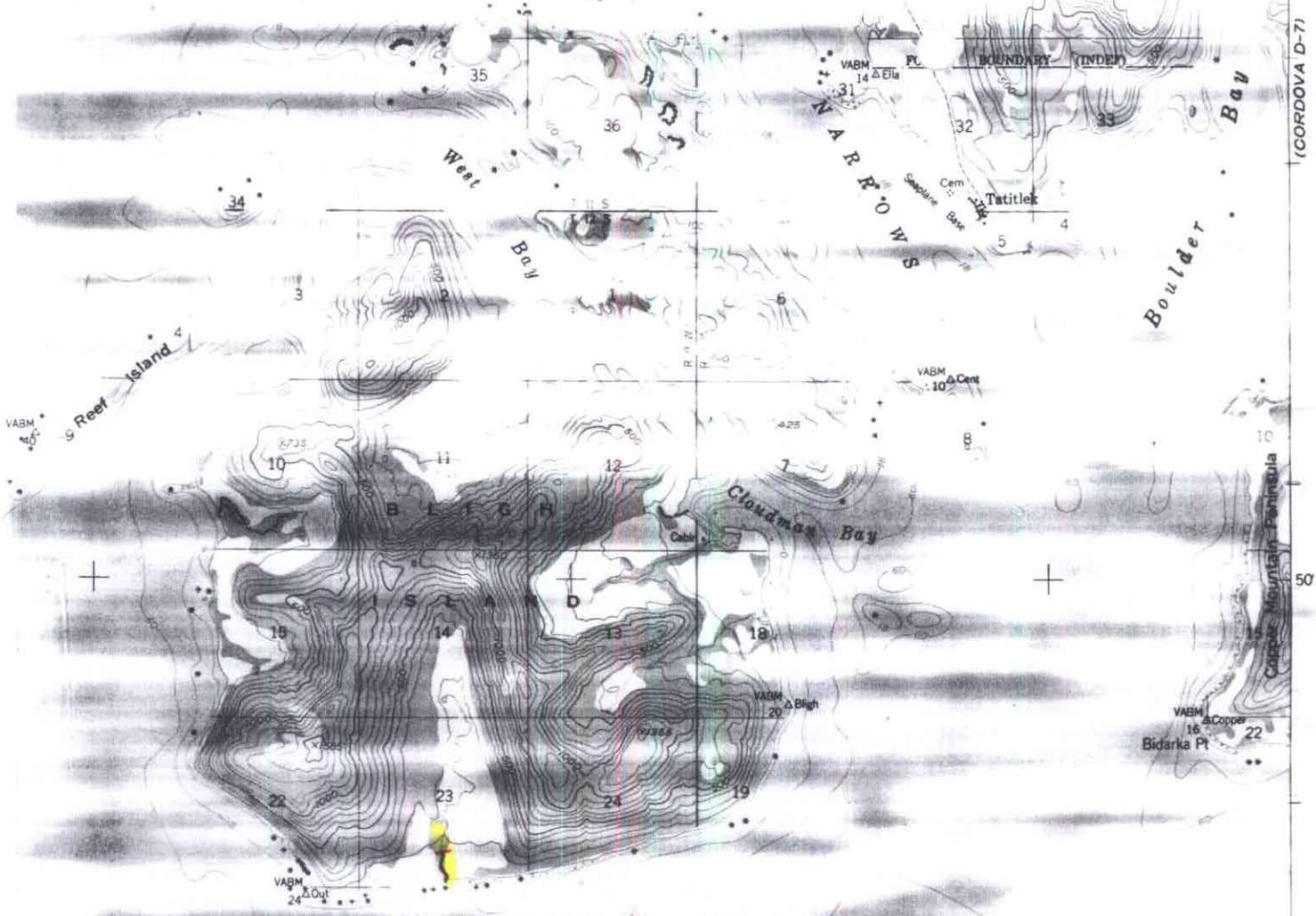
PHOTO ROLL(s): K5-05

VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE
<u>2624</u>	<u>mouth</u>	
<u>28</u>	<u>extent/barrier</u>	
<u>27</u>	<u>mid-segment</u>	

(Please enter comments on the other side)

(CORDOVA D-7)



BUGH-01 P_s intertidal

ADD STREAM
ZZI-40-11071

w/P_s

USE ◆ INTERTIDAL SPAWNING.

OUND

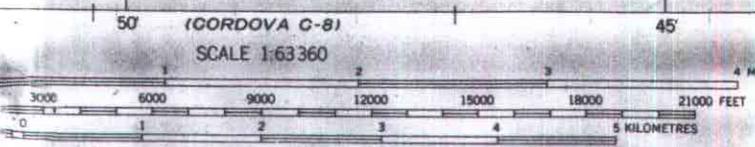
PORT

FIDALGO

6736000m N.

60°45'

(CORDOVA)



CONTOUR INTERVAL 100 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOWER LOW WATER
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
 THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 10 FEET

FOR SALE BY U. S. GEOLOGICAL SURVEY
 ALASKA 99701, DENVER, COLORADO 80225. OR RESTON, VIRGINIA 22092

CORDOVA (D-8), ALASKA
 N6045—W14637.5/15X22.5

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
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 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 are 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