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

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

Anadromous Water Catalog Number of Waterway _____

Name of Waterway _____ USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 94 272	Regional Supervisor ____ Date ____
Revision Year: ____	
Revision to: Atlas ____ Catalog ____ Both ____	Drafted ____ Date ____
Revision Code: F-3	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon - Adults	9-10-93	7			✓

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: Intertidal spawning. In addition to the 7 live spawning pink salmon there were 5 dead pinks. Barrier is a 3 meter high waterfall. Channel width is 8 meters in the lower intertidal zone and 4 meters at the base of the falls. Gradient is one percent.

ALASKA DEPT. OF FISH & GAME

Name of Observer (please print) JEFF BARNHART

Date: 10-13-93 Signature: Jeff Barnhart

Address: 333 Raspberry Road
Anchorage AK

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: Rocky 14 SEGMENT: 0-01 DATE: 9/10/93 TEAM: JD/WKS

ANADROMOUS: (y) n WIDTH (m): 3 - 4 LENGTH (m): _____ GPS DATE: 9/10/ 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
pinks	A	7	V	ITZ at base of Falls	Stellers Jay	1	
					Black bear		Tracks

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

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE : (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE ___ COBBLE 1 GRAVEL ___ SAND ___ MUD/SILT 2 ORGANICS ___ OTHER: _____

STREAM COVER TYPE: ORGANIC DEBRIS ___ DEAD BRANCHES/TWIGS ___ LOGS ___ BOULDERS ___ CUT BANK ___ OVERHANGING VEGET. ___ OTHER: None

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: Alder

CANOPY ABOVE STREAM: (none) low medium high

GROWTH: (mature) secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? (y) n BARRIER TO SPECIES: pinks adults juveniles

TYPE: (fall) slide beaverdam logjam spring substrate HEIGHT (m): 3 DIST. FROM UPPER EXTENT (m): 0

PHOTO ROLL(s): JB05 VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	DESCRIPTION
25	Falls at upper Extent of ITZ spawning		

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: Rocky ~~13~~ 14 QUAD: SELDOVIA-BY STAGE: H M L

LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)

DATE(s): 8/10/93 UTM ZONE: 5

GPS FILES: B0922190

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

E

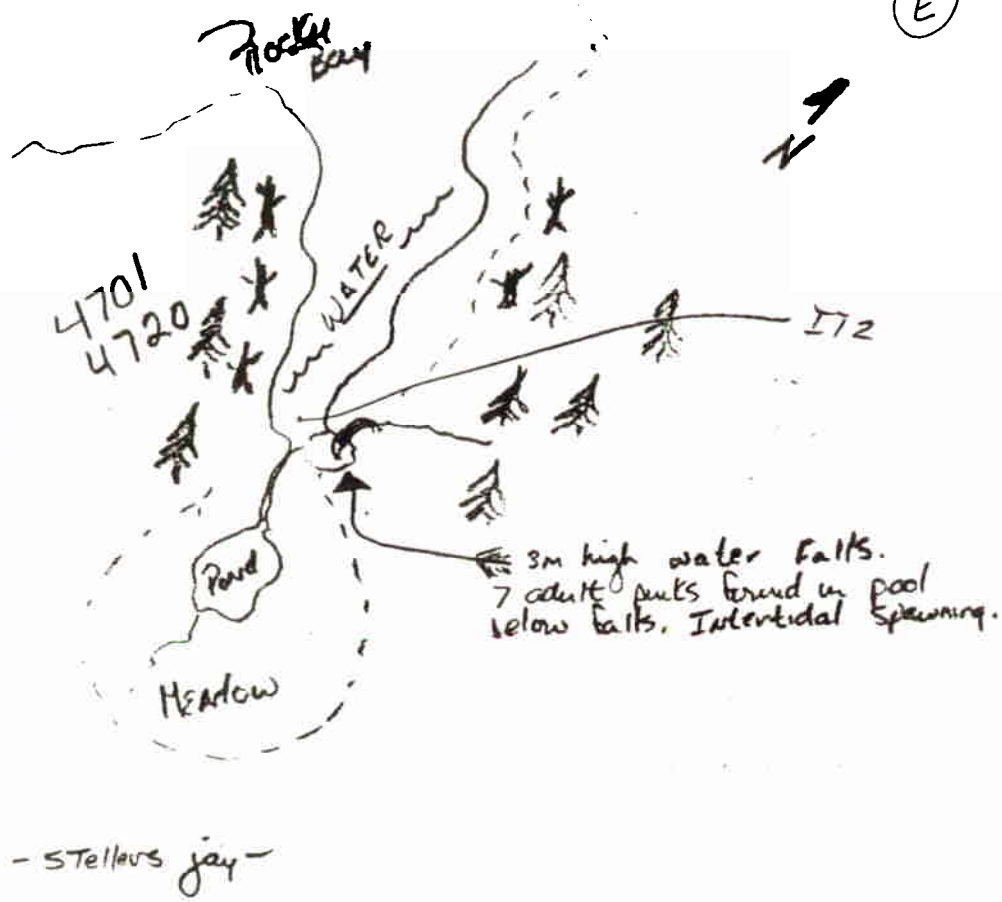


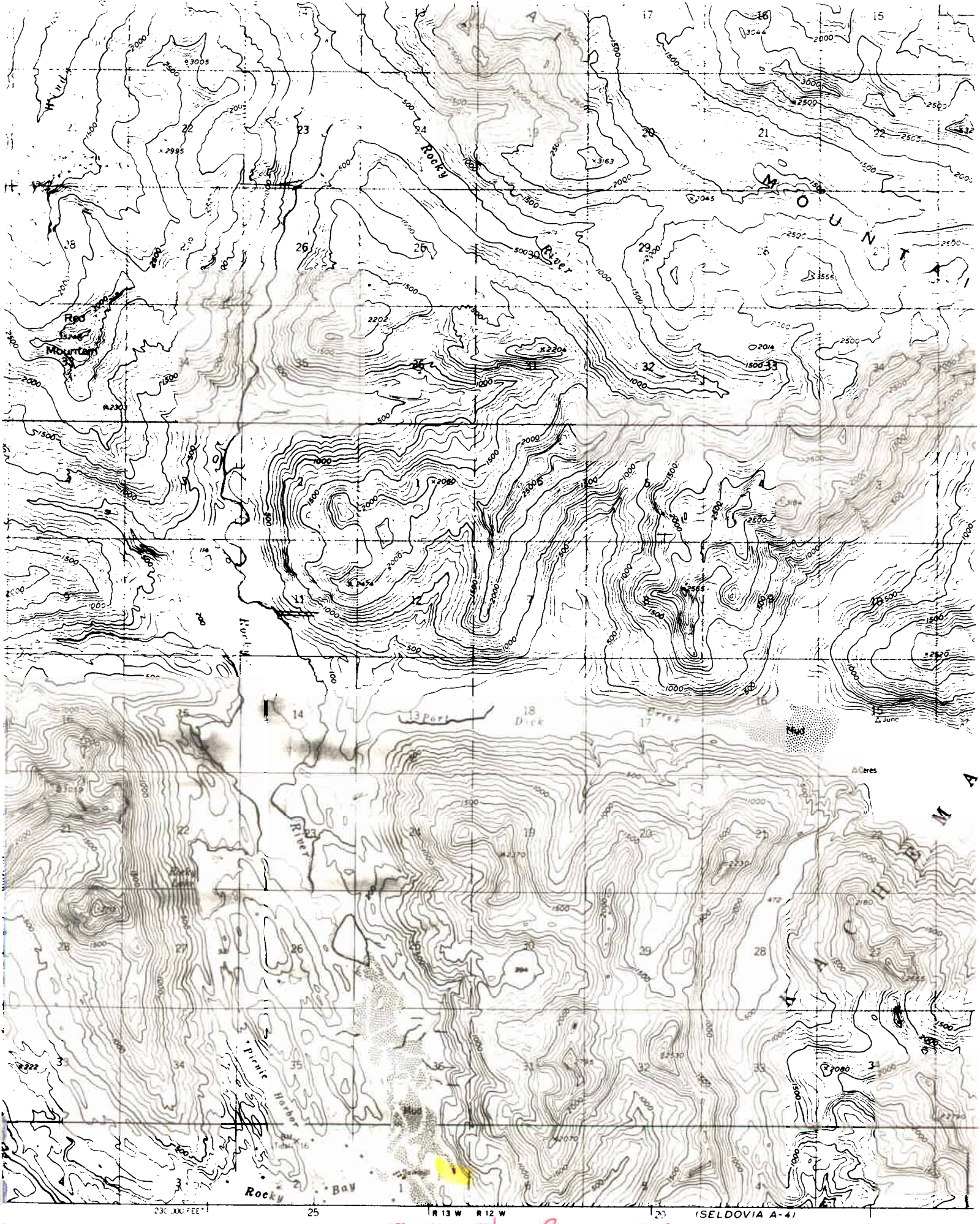
PHOTO ROLL(s): _____ VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	

(Please enter comments on the other side)

3m high water falls at ITZ. 7 adult pinks & dead pinks in water runoff. There is a small UITZ pond but it is sure to flush out with the tide. GPS data points were taken at the waterfalls for plotting Intertidal zone spawning.

Wesley Shumlay



1, edited, and published by the Geological Survey
by USC&GS and USCE

Rocky 14 Ps meridal

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 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