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

242-31-10120 Segment 0-01
Mainstem extension

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

Anadromous Water Catalog Number of Waterway 242-31-10120

Name of Waterway _____ USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 91 236

Revision Year: '94

Revision to: Atlas ____ Catalog ____

Both X

Revision Code: A-1

Regional Supervisor — Date: 11/9/94

Ed Weiss — Date: 12/27/93

Drafted — Date: 2/2/94

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho Salmon - Adults	9-15-93	106			C

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: Of the 106 adult coho observed, 6 were visually identified during the foot survey, 100 were observed via aerial survey. Stream width is 20 meters in the downstream portion of the segment and 15 meters at the upstream end. No barrier. Extent of salmon distribution is indicated on the sketch map.

ALASKA DEPT. OF FISH & GAME
NOV 03 1993
REGION II HABITAT AND RESTORATION

Name of Observer (please print) KATHRIN SUNDET

Date: 10/22/93 Signature: Kathrin Sundet

Address: 333 Raspberry
Anchorage AK 99518

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

Ø-Ø1

STREAM HABITAT ASSESSMENT 1993 – SEGMENTS

STREAM: 242-31-10120 SEGMENT: ~~Ø-Ø2~~ DATE: 09/15/93 TEAM: WGMKKS

ANADROMOUS: (y) n WIDTH (m): 20-15 LENGTH (m): 100 GPS DATE: __/__/ 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
COHO	A	6	V	on ground			
COHO	A	100	V	aerial, in 6 pools			

GRADIENT(%): 2 CHANNEL PROFILE: V (A) ∩ (B) ⊔ (C) ∪ (D) (E) F

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE: (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE 1 COBBLE 2 GRAVEL 3 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 _____ _____

UNDERSTORY: Alder willow grasses

CANOPY ABOVE STREAM: (none) low medium high

GROWTH: (mature) secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? y (n) 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)

Do NOT ENTER!

STREAM HABITAT ASSESSMENT 1993 – STREAMS

STREAM: 242-31-10120 QUAD: Seldovia-B4 STAGE: H M L

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

DATE(s): 09/15/93 UTM ZONE: 5

GPS FILES: B0919 - check Daily - 03.

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

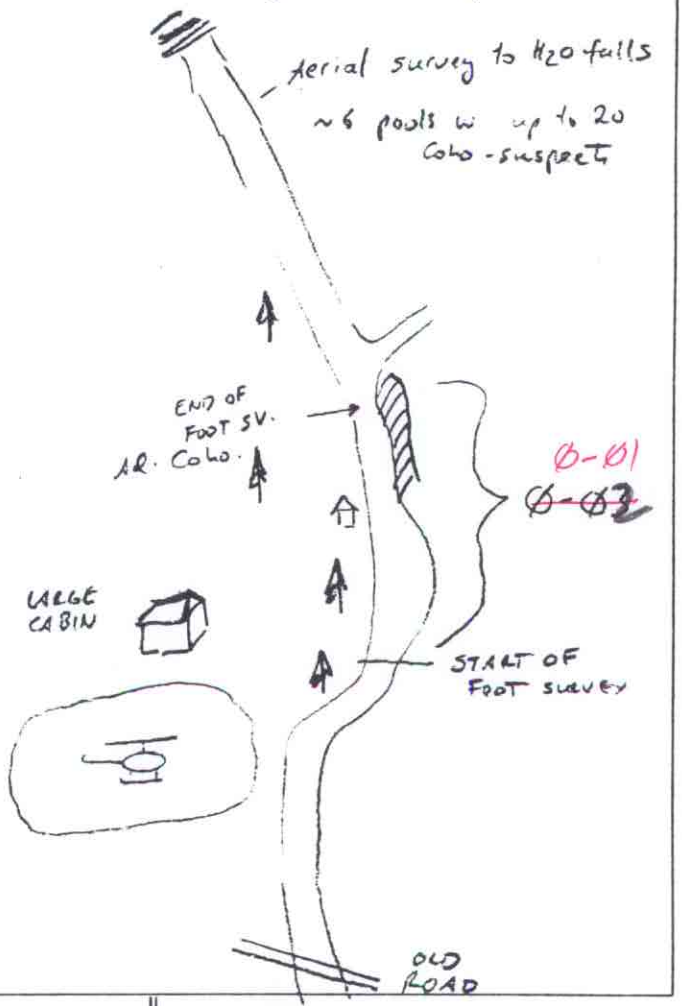


PHOTO ROLL(s):		VIDEO TAPE(s):	
FRAME	DESCRIPTION	DATE	

(Please enter comments on the other side)

RS ENTER THIS FORM

STREAM HABITAT ASSESSMENT 1993 – STREAMS

STREAM: 242-31-10120 QUAD: Seldovia-B4 STAGE: H (M) L

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

DATE(s): 09/07/93-09/22/93, UTM ZONE: 5

GPS FILES: _____

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

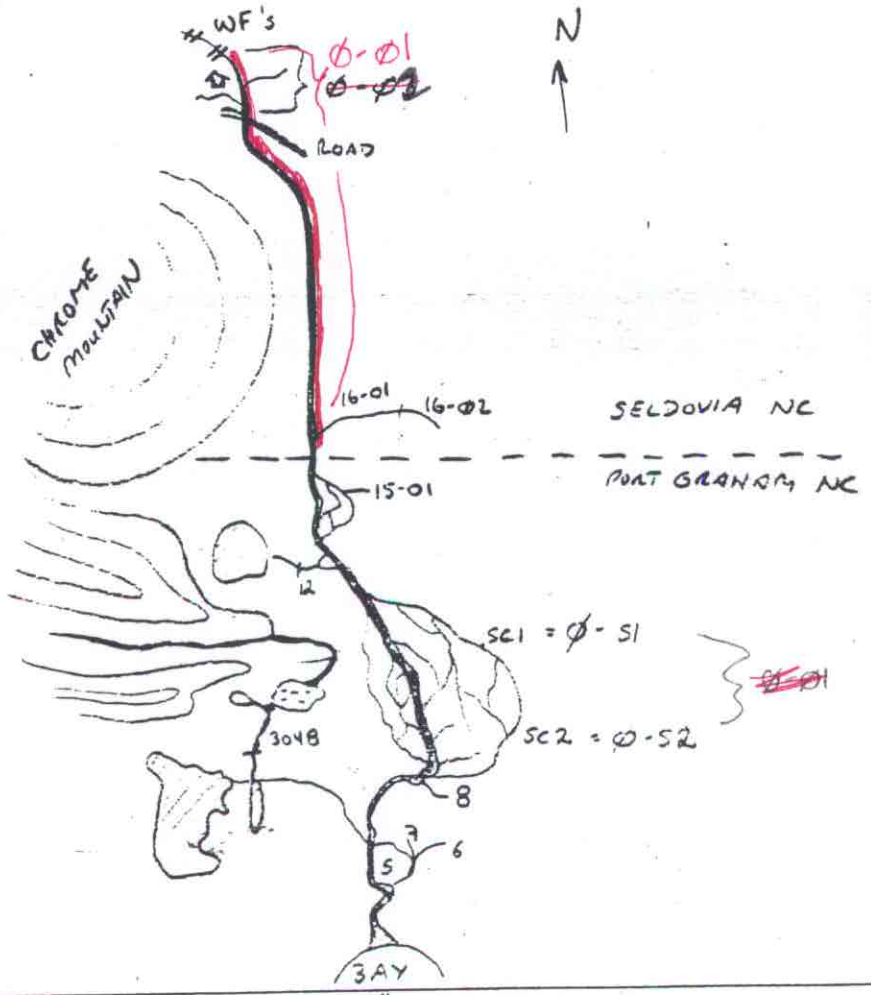
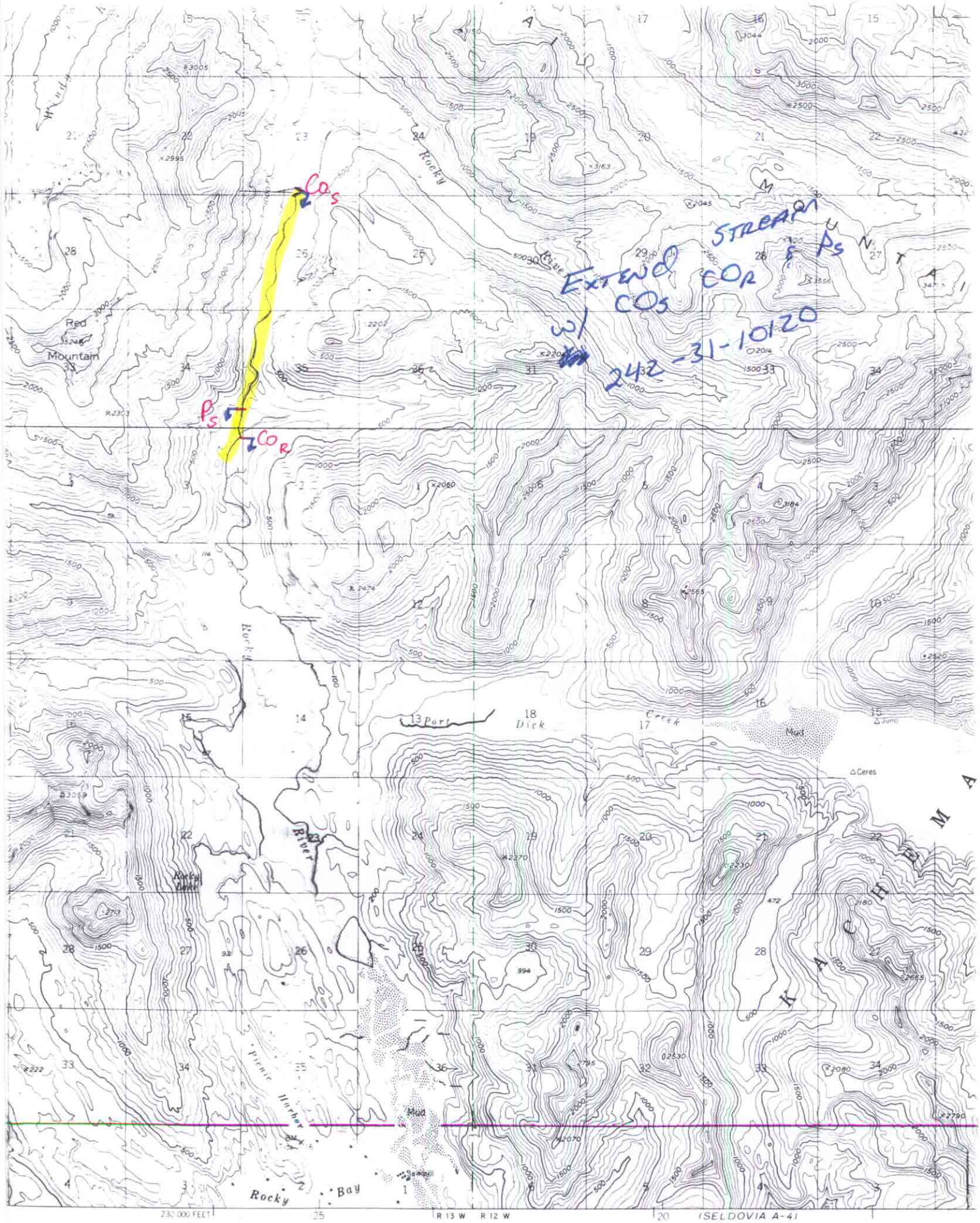


PHOTO ROLL(s): _____		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	

(Please enter comments on the other side)



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by USC&GS and USCE

ohy by photogrammetric methods from aerial photographs

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
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