

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

242-31-10120 segments 0-51 and 0-72
 nomina for easternmost sidechannel.

AWC Volume SE (SC) SW W AR IN USGS Quad SECDVIA -84

Anadromous Water Catalog Number of Waterway Rocky River 242-31-10120

Name of Waterway _____ USGS name 242-31-10120-2160 Local name _____

Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 235</u>		<u>1/19/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas <input checked="" type="checkbox"/> Catalog _____	<u>Ed Wein</u>	<u>12/27/93</u>
Both _____	<u>J. Brown</u>	<u>2/21/94</u>
Revision Code: <u>ES C1</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Dolly Varden - Adult	9/10/93	1			✓
Pink Salmon - Adult	9/10/93	10			✓
Sockeye Salmon - Adult	9/10/93	2			✓
Coho Salmon - Adult	9/10/93	1			✓
Coho Salmon - juv.	9/10/93		17		✓

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: Two point locations were sampled in the eastern-most side channel of Rocky River. There is no barrier to fish throughout this side channel. The gradient is < 1%, the predominant substrate in this side-channel is gravel. Numerous still-water bays + sloughs offer excellent rearing habitat, while the sidechannel itself contains good spawning habitat.

Name of Observer (please print) KATHAID SUNDET
 Date: 10/22/93 Signature: Kathaid Sundet
 Address: 333 RASOTBEARY
ANCHORAGE AK 99518

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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

AS 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: S
GPS FILES: _____

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

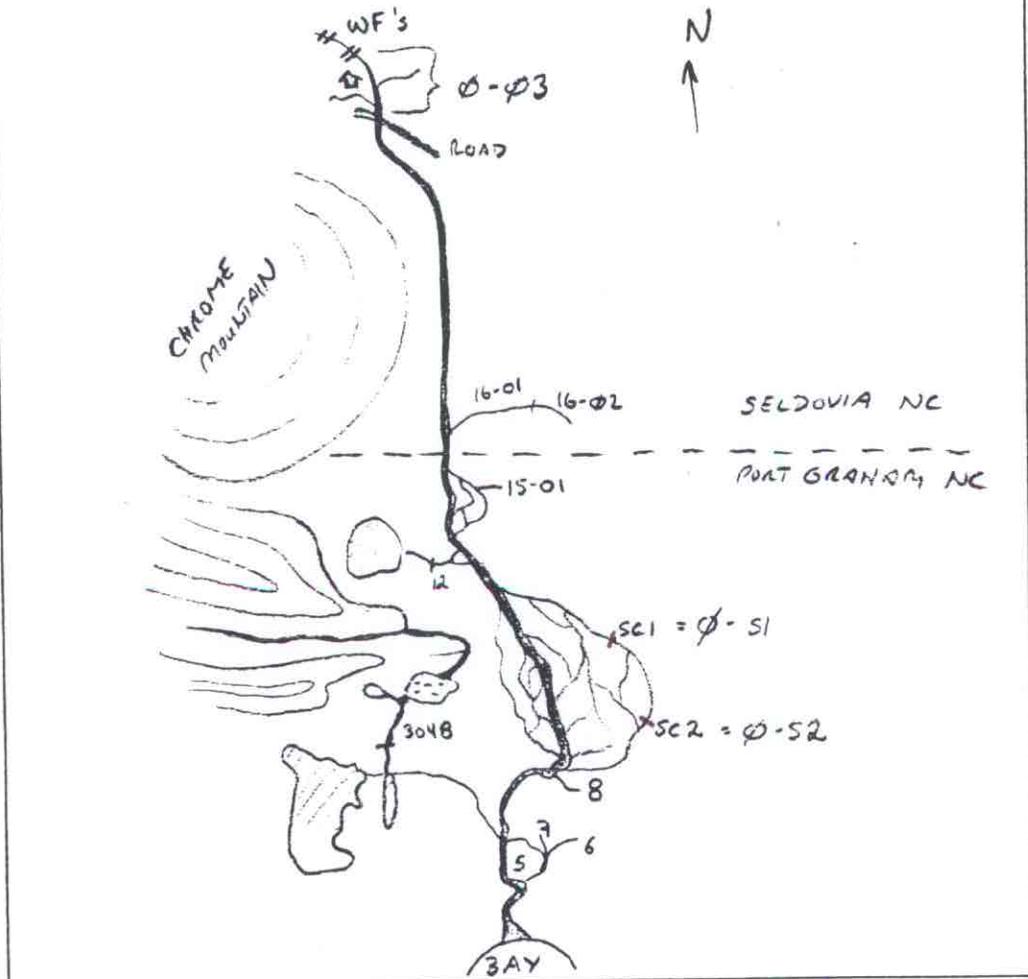


PHOTO ROLL(s): _____

VIDEO TAPE(s): _____

FRAME

DESCRIPTION

DATE

(Please enter comments on the other side)

DO NOT ENTER!

STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: Rocky River QUAD: Sellana-B4 STAGE: H/M/L
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)
 DATE(s): 09/10/93 UTM ZONE: 5
 GPS FILES: 3091020A / 3092218A

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

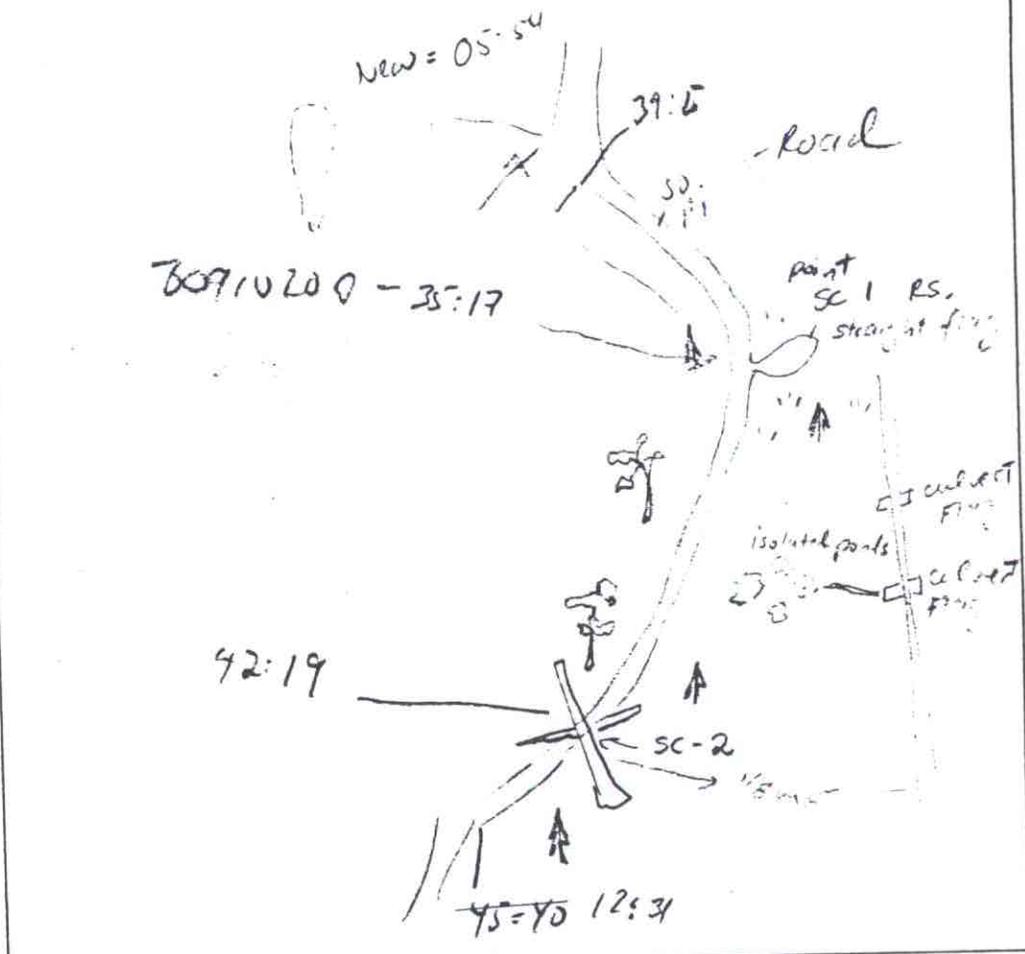


PHOTO ROLL(s): HORNER-081

VIDEO TAPE(s): _____

FRAME	DESCRIPTION
5	betw. rd. & sc1 and road
6	at SC2

DATE

(Please enter comments on the other side)

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Rocky R ²⁴²⁻³¹⁻¹⁰¹²⁰ SEGMENT: SC-1 ^{0-51 0-51} DATE: 9/10/83 TEAM: KS, DG
 ANADROMOUS: n WIDTH (m): _____ LENGTH (m): _____ GPS DATE: ___/___/___ DIGITIZE: y n
 WATERBODY: mainstem tributary lake/pond wetland intertidal other: side channel

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
Coho	J	2	∅	∅+			
Sockeye	A	15	∇	∅+			
Coho	J						

GRADIENT(%): ∅ CHANNEL PROFILE: A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK _____ BOULDER _____ RUBBLE _____ COBBLE _____
 GRAVEL _____ SAND _____ MUD/SILT L ORGANICS 2 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 _____ Grass _____ Cranberry _____
 CANOPY ABOVE STREAM: none low medium high
 GROWTH: mature secondary shrubs meadow muskeg intertidal

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

PHOTO ROLL(s): <u>Homer ∅</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
4	SC-1 sockeye/coho area		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
 (Please enter comments on the other side)

pond formed by slow flow area in easternmost
side channel of Rocky River.

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Rocky R ^{242-31-10/20} SEGMENT: SC-2 ⁰⁻⁵² DATE: 9/10/93 TEAM: KS DG
 ANADROMOUS: WIDTH (m): 7 LENGTH (m): _____ GPS DATE: ___/___/___ DIGITIZE: y/n
 WATERBODY: mainstem tributary lake/pond wetland intertidal other: sidechannel

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
DV	A	1	✓	spawning color	Moose		Scat/Tracks
Pink	A	10	✓				
Red	A	2	✓				
Coho	J	1	✓	1+			

GRADIENT(%): 0 CHANNEL PROFILE: A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK _____ BOULDER _____ RUBBLE _____ COBBLE 3
 GRAVEL 1 SAND 2 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: Cottonwood Spruce
 UNDERSTORY: Willow Alder Grass

CANOPY ABOVE STREAM: none low medium high

GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? BARRIER TO SPECIES: NA adults juveniles

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

PHOTO ROLL(s): Homer 1

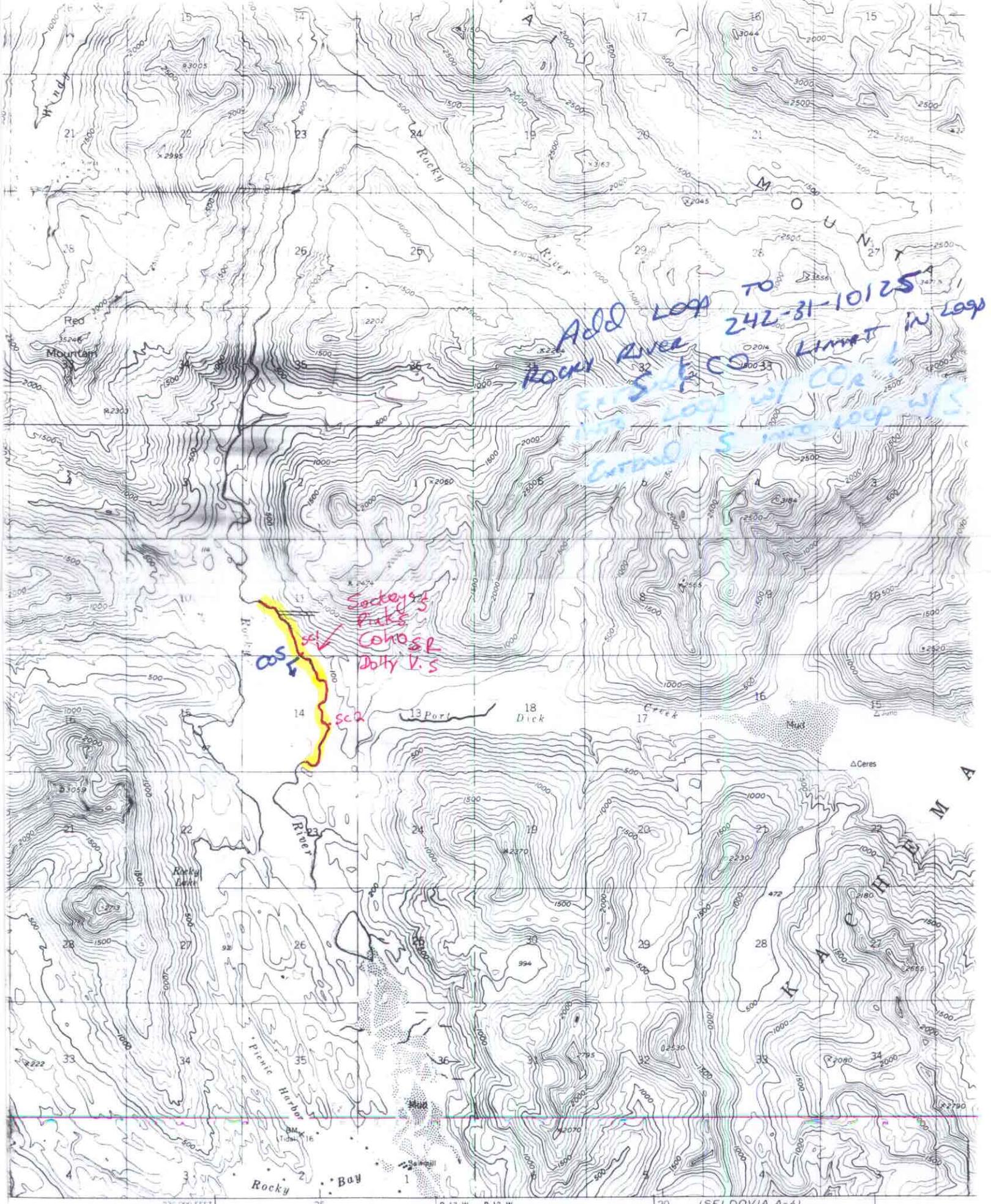
VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>6</u>	<u>SC 2 point location</u>		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
 (Please enter comments on the other side)

point location

in Easternmost sidechannel of Rocky River.



Add Loop to 242-31-10125
 Rocky River CO Limit in Loop
 Extend S into loop w/ S

Sodkeys Pinks Coho SR Dolly V. S
 COS
 SC2

242-31-10120

EXTENSION OF MAINSTEM
 SIDE-CHANNEL (ARTIFICIAL)
 SCALE 1:50,000



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

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FISH & GAME

NOV 03 1993

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DIVISION