

AWC Volume SE SC SW W AR IN USGS Quad Seward A-3

Anadromous Water Catalog Number of Waterway 226-40-16747

Name of Waterway _____ USGS name _____ Local name _____

Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 141</u>	<u>[Signature]</u>	<u>11/19/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Weis</u>	<u>12/28/93</u>
Both <input checked="" type="checkbox"/>	<u>Z. Brown</u>	<u>2/2/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Coho Salmon - Juvenile</u>	<u>8-11-93</u>		<u>45</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: Very good spawning gravel, excellent rearing area. Twenty one coho were captured by dipnetting for positive identification. Another 24 were observed in selected pools. Coho were observed throughout this stream up to the barrier which is a fall 1/3 meter in height. Stream width ranges from upper 2 meters at the mouth to .5 meters at the upper extent. Gradient is 1 percent.

ALASKA DEPT. OF
 FISH & GAME

Name of Observer (please print) JEFF BARNHART
 Date: 10-1-93 Signature: [Signature]
 Address: 333 Raspberry Road
Anchorage AK

NOV 02 1993

REGION II
 INFORMATION

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 - STREAMS

STREAM: Latouche - 03 QUAD: Seward ^{A3} ~~A3~~ (JB) STAGE: H M L
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)
 DATE(s): 8/11/93 UTM ZONE: 6
 GPS FILES: B081200B

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

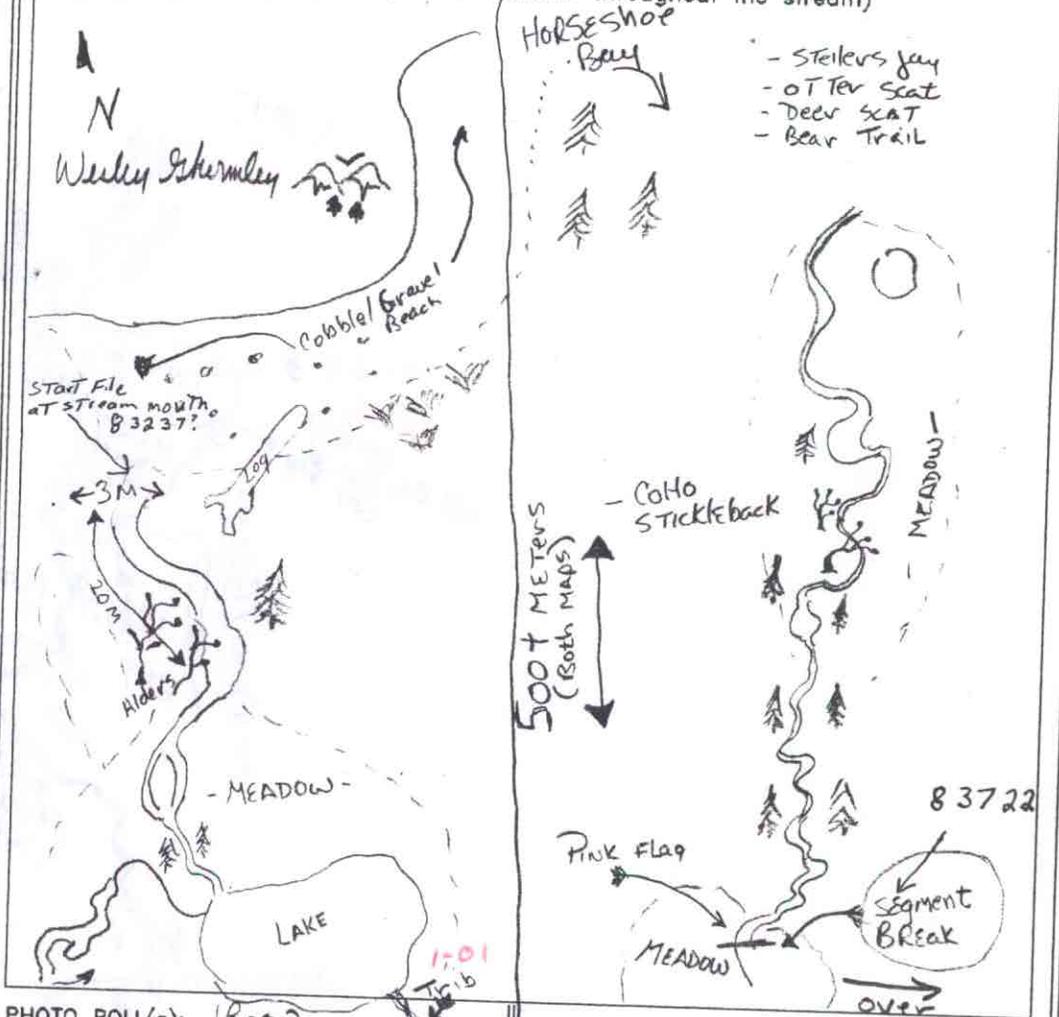


PHOTO ROLL(s): JB-02

VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE
4	Coho Fry	
5	Coho Fry	

(Please enter comments on the other side)

DO NOT ENTER - for GPS ONLY

STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: LATOUCHE - 03 QUAD: ^{FLYING} SOUND - D3 STAGE: H M D
LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)
DATE(s): 2/11/93 UTM ZONE: 6
GPS FILES: BOB1200B

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

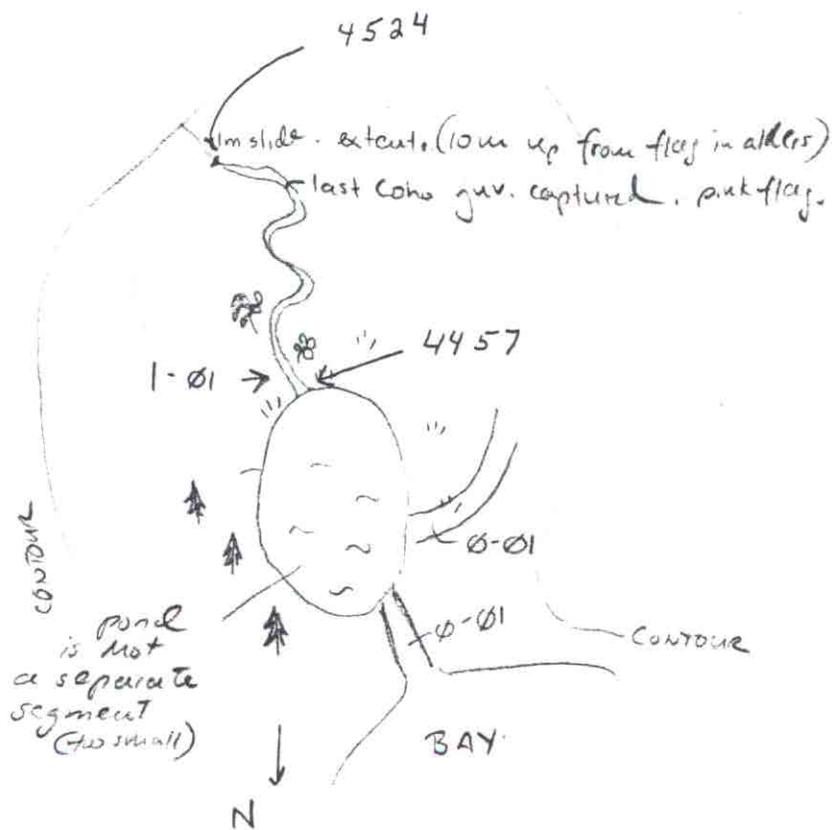


PHOTO ROLL(s): _____

VIDEO TAPE(s): _____

FRAME

DESCRIPTION

DATE

(Please enter comments on the other side)

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Latauche 03 SEGMENT: 0-01 DATE: 8/11/93 TEAM: Bainhart / Gray
 ANADROMOUS: 0 WIDTH (m): 2 - 1.5 LENGTH (m): 500+ GPS DATE: 8/12/93 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
<u>Coho</u>	<u>J</u>	<u>11</u>	<u>D</u>	<u>20m up stream</u>	<u>Stellers Jay</u>	<u>1</u>	
<u>Coho</u>	<u>J</u>	<u>1</u>	<u>D</u>	<u>from mouth</u>	<u>Land OTTER</u>	<u>3</u>	<u>scat</u>
<u>Coho</u>	<u>J</u>	<u>4</u>	<u>D</u>	<u>AT POND</u>	<u>Land OTTER</u>		
<u>DV</u>	<u>J</u>	<u>2</u>	<u>V</u>	<u>in tributary</u>			

GRADIENT(%): 1 CHANNEL PROFILE: V □ □ U V —
A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: BEDROCK ___ BOULDER ___ RUBBLE 3 COBBLE 1
(rank three most predominant types) GRAVEL 2 SAND ___ MUD/SILT ___ ORGANICS ___ 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 SPIRUE
 UNDERSTORY: Alder SITKA SPIRUE Stinkcabbage
 CANOPY ABOVE STREAM: none low medium high
 GROWTH: mature secondary shrubs meadow muskeg intertidal STUMPED TREES

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): <u>J602</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>425</u>	<u>Coho fry</u>		

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

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: La Touche 03 SEGMENT: 0-02 DATE: 8/11/93 TEAM: Barnhart / C. Barnhart
 ANADROMOUS: n WIDTH (m): 1-1.5 LENGTH (m): 400 GPS DATE: 8/12/93 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	J	2	D				
coho	J	24	V				
coho	J	1	D	25m downstream of upper extent			
coho	J	2	D	at upper extent			

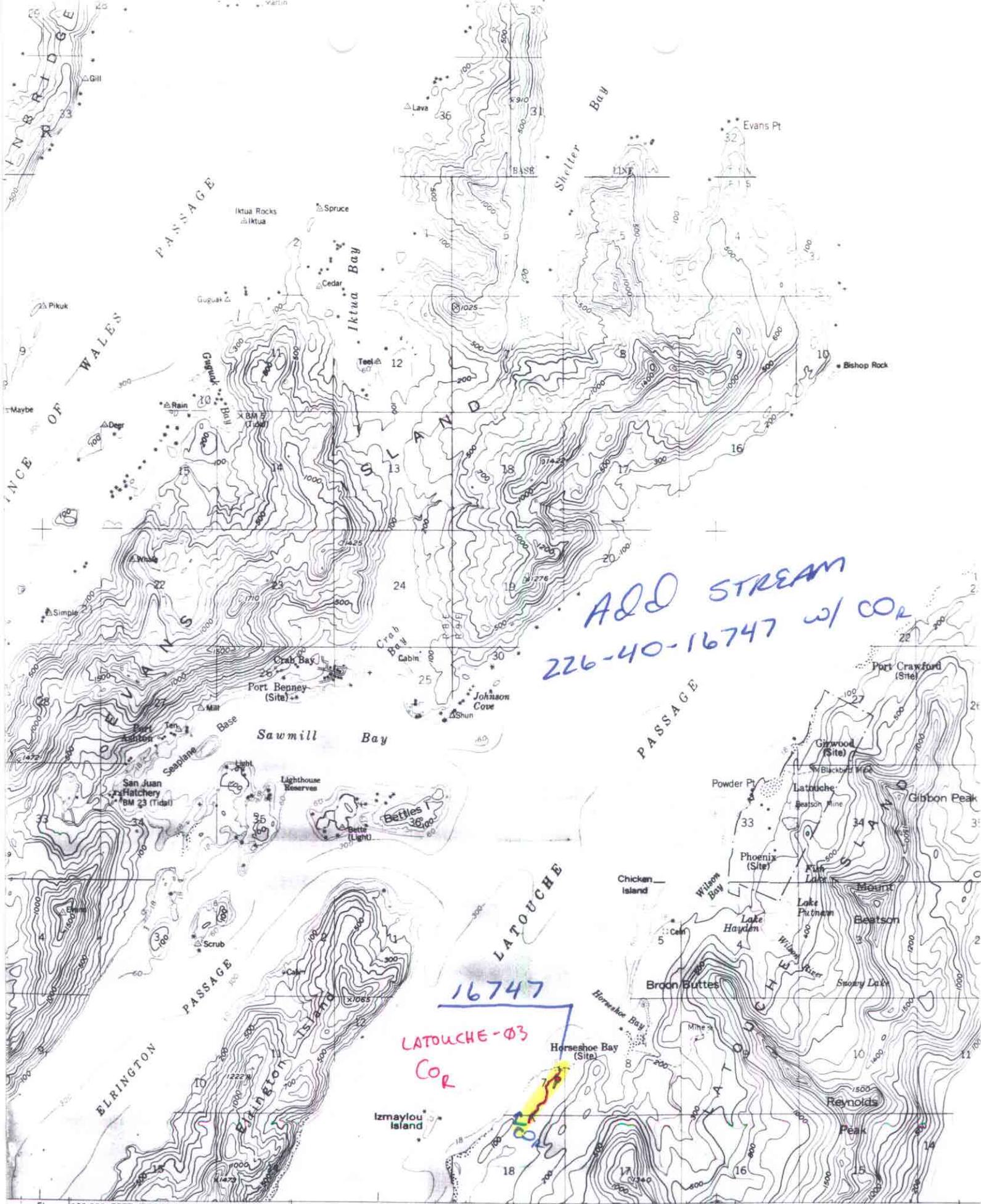
GRADIENT(%): 1 CHANNEL PROFILE: V A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK _____ BOULDER _____ RUBBLE _____ COBBLE 1
 GRAVEL 2 SAND _____ MUD/SILT 3 ORGANICS _____ OTHER: _____
 STREAM COVER TYPE: ORGANIC DEBRIS _____ DEAD BRANCHES/TWIGS _____ 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: none
 UNDERSTORY: grasses blueberry
 CANOPY ABOVE STREAM: none low medium high
 GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? n BARRIER TO SPECIES: _____ adults juveniles
 TYPE: fall/slide beaverdam logjam spring substrate HEIGHT (m): 2 DIST. FROM UPPER EXTENT (m): 0
Flagging at upper extent of coho located

PHOTO ROLL(s): <u>JB-07</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
7	photo of slide which should block juvenile coho.		

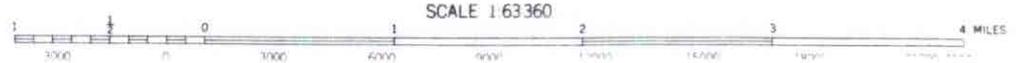
Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
 (Please enter comments on the other side)



ADD STREAM
226-40-16747 w/ COR

16747
LATOUCHE-03
COR

Published by the Geological Survey
and USCE
Methods from aerial photographs
51. Map not field checked



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 2, 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 46 streams surveyed in the summer of 1993 on private lands held by the Chenega and Chugach Alaska Corporations in southwest 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.

cc: Lance Trasky
Don McKay
Mark Kuwada