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

Hawkins 9

AWC Volume SE (SC) SW W AR IN USGS Quad Cordova C-6

Anadromous Water Catalog Number of Waterway 228-30-18570-2024

Name of Waterway Spruce Creek USGS name ✓ Local name ___

Addition ✓ Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 94 199		
Revision Year: 94		
Revision to: Atlas ___ Catalog ___ Both X		
Revision Code: A-2	Regional Supervisor	11/8/94 Date
	[signature]	1/6/94
	D. Crone Drafted	2/9/94 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon adults	8/22/93	300			✓

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls.

Comments:

Approximately 300 adult pink salmon were observed in this mainstem segment. Data was collected by foot survey and is stored at Anchorage ADFG, Div. of Habitat and Restoration, office of Mark Kuwada. Map and data form attached. The upper extent is at the barrier which is a 8 meter high falls about 200 meters from the stream mouth. Channel width is 4 meters at the mouth and 7 meters at the barrier. Gradient is 2%.

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

Name of Observer (please print) JEFF BARNHART

Date: 11-6-93 Signature: Jeff Barnhart

Address: 333 Raspberry Road
Anchorage AK

Signature of Area Biologist: ___

Rev. 12/91

STREAM HABITAT ASSESSMENT 1993 – STREAMS

STREAM: ~~Hawkins Island~~ 9 Spruce Cr. QUAD: Cordova C-6 STAGE: H (M) L

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

DATE(s): 8/22/93 UTM ZONE: _____

GPS FILES: B0824190 8/24/93

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

N

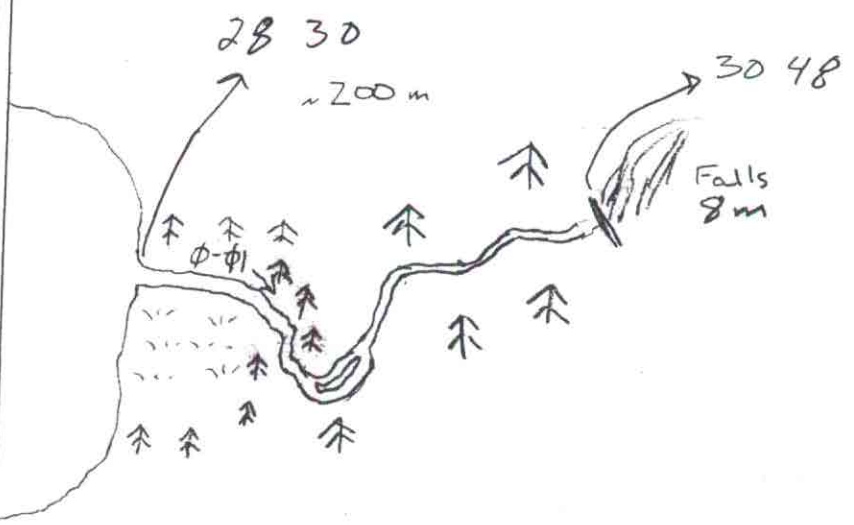


PHOTO ROLL(s): _____

FRAME	DESCRIPTION

VIDEO TAPE(s): _____

DATE	
	Video Cam is fogged up internally

(Please enter comments on the other side)

Spruce creek - name on Quad.

STREAM HABITAT ASSESSMENT 1993 – SEGMENTS

STREAM: Hawkins 09 SEGMENT: 0-01 DATE: 8/22/93 TEAM: DG/JB

ANADROMOUS (y) n WIDTH (m): 4 - 7 LENGTH (m): _____ GPS DATE: 8/24 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	300	V	mouth to base of upper extent	yellow legs	1	
					Crow	1	
					Deer		→ Tracks

GRADIENT(%): 2 CHANNEL PROFILE: A V, B U, C U, D (U), E V, F flat

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE: (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE 3 COBBLE 2 GRAVEL 1 SAND ___ MUD/SILT ___ ORGANICS ___ OTHER: _____

STREAM COVER TYPE: ORGANIC DEBRIS ___ DEAD BRANCHES/TWIGS X LOGS X BOULDERS ___ CUT BANK X 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: ~~Salmonberry~~ blueberry Salmonberry _____

CANOPY ABOVE STREAM: none low (medium) high

GROWTH: (mature) secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? (y) n BARRIER TO SPECIES: All adults juvenlies

TYPE: (fall) slide beaverdam logjam spring substrate HEIGHT (m): 2 DIST. FROM UPPER EXTENT (m): 0

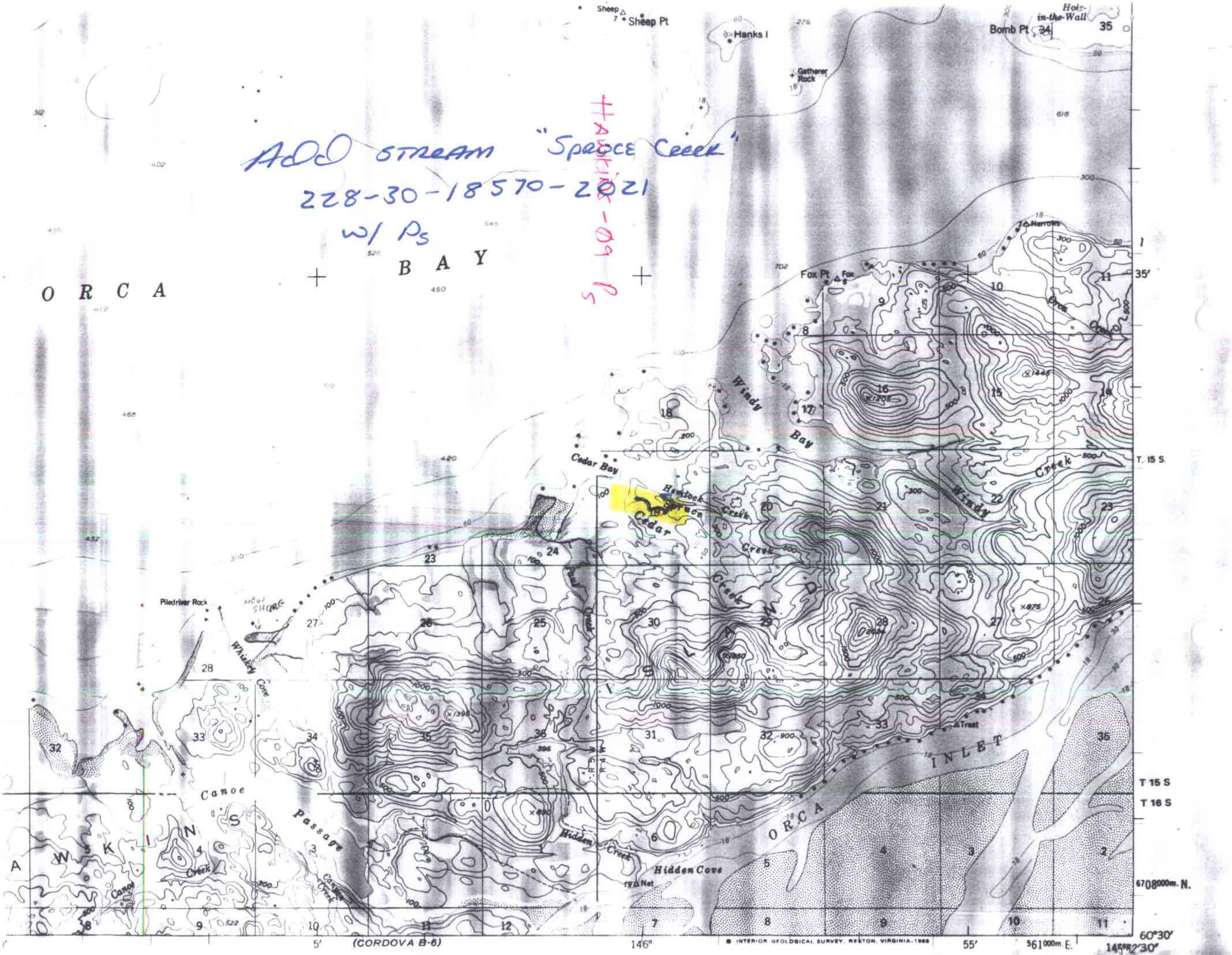
PHOTO ROLL(s): JB 03 VIDEO TAPE(s): _____

FRAME	DESCRIPTION
28	Looking downstream to junction of Hawkins 09 and Lagoon
29	Looking upstream (low in segment)
30	Pink salmon
31+32	Blockage (Falls) at upper extent

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)


ADO STREAM "Spruce Creek"
228-30-18570-2021
w/ Ps
HAWKINS-09 Ps
ORCA BAY
Sheep Pt
Hanks I
Gatherer Rock
Bomb Pt
Hole-in-the-Wall
Narrows
Fox Pt
Orca Creek
Windy Bay
Windy Creek
Cedar Bay
Hemlock Creek
Spruce Creek
Cedar Creek
Paul Creek
Piledriver Rock
Whiskey Cove
HAWKINS ISLAND
Canoe Passage
Canoe Creek
Hidden Creek
Hidden Cove
ORCA INLET
T. 15 S.
T 15 S
T 16 S
35'
55'
5'
146°
60°30'
145°52'30"
6708000m. N.
561000m. E.
(CORDOVA B-6)
INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA-1988

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 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 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