**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 CORDOVA D-6

Anadromous Water Catalog Number of Waterway 221-30-10515-0910

Name of Waterway NONE USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

**For Office Use**

| | |
|---|---|
| Nomination # 94-213 THRU 215 | [signature] 2.10.94 |
| Revision Year: '94 | Regional Supervisor Date |
| Revision to: Atlas ____ Catalog ____ | Ed Weiss 1/11/94 |
| Both X | [signature] 1/17/95 |
| Revision Code: E-1 A-2 | Drafted Date |

**OBSERVATION INFORMATION**

| Species | Date(s) Observed | Spawning | Rearing | Migration | Anadromous |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

PO

**IMPORTANT:** Provide all supporting documentation that this water body is important for t spawning, rearing or migration of anadromous fish, including: number of fish and life stag observed; sampling methods, sampling duration and area sampled; copies of field notes; et Attach a copy of a map showing location of mouth and observed upper extent of each speci as well as any other information such as: specific stream reaches observed as spawning rearing habitat; locations, types, and heights of any barriers; etc.

Comments: PER NOMINATIONS 94-213, 94-214, & 94-215 ADD POLYGON TO ENCOMPASS THESE THREE STREAMS DUE TO THEIR SMALL NATURE, CLOSE PROXIMITY & LACK OF NUMBERING CAPABILITY. BLOWUP of AREA ATTACHED

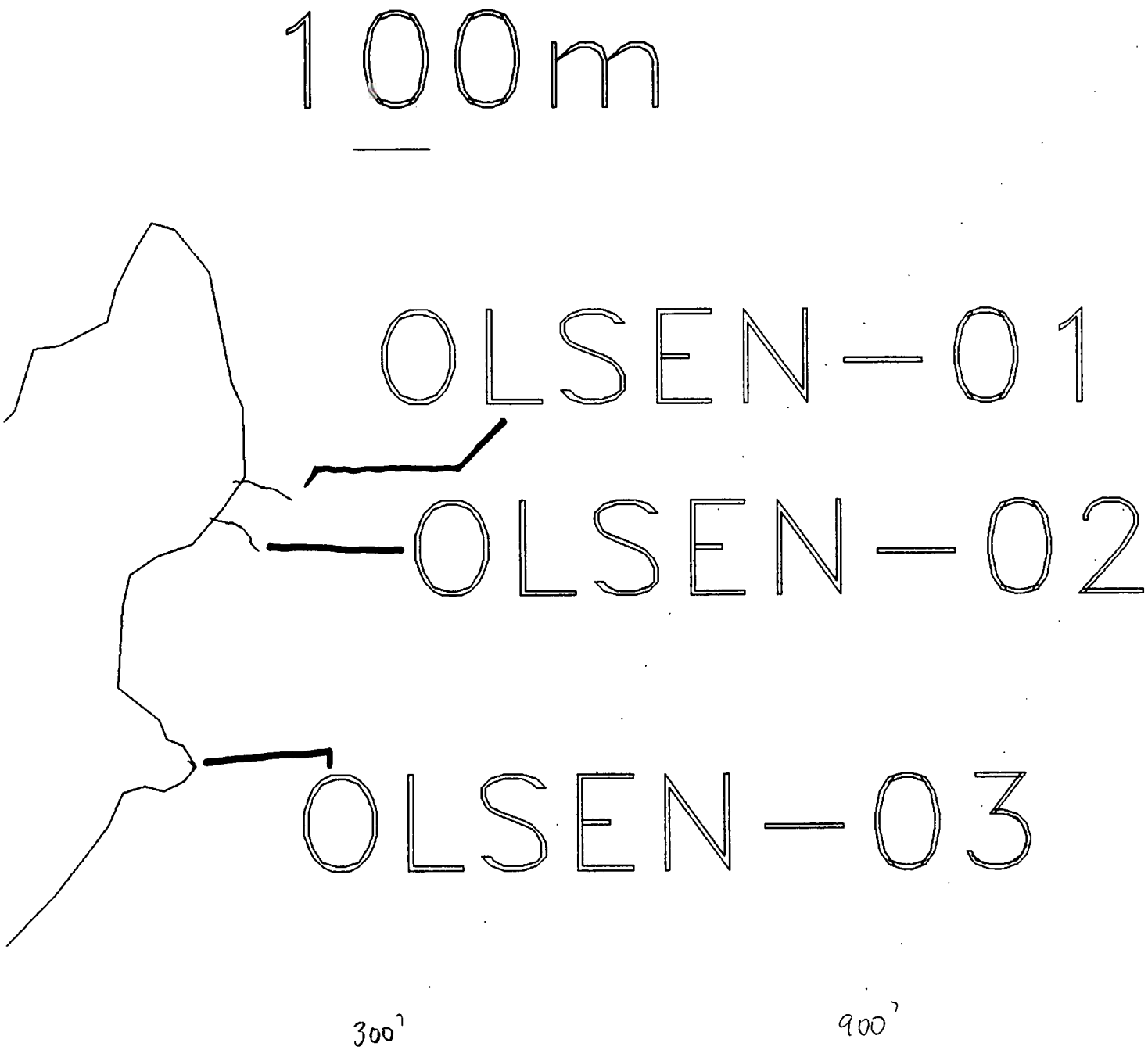
Name of Observer (please print) Ed Weiss 1/11/94

Date: _____ Signature: EDWARD W. WEISS

Address: HABITAT BIOLOGIST
REG. II H&R DIV. ADFG

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


100m
OLSEN-01
OLSEN-02
OLSEN-03
300'
900'

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 Cordova D-6

Anadromous Water Catalog Number of Waterway OLSEN - 01

Name of Waterway 94 213 USGS name ____ Local name ____

Addition ✓ Deletion ____ Correction ____ Backup Information ____

For Office Use

| | |
|---|---|
| Nomination # ____ | Regional Supervisor ____ Date 1/19/94 |
| Revision Year: ____ | |
| Revision to: Atlas ____ Catalog ____ Both ____ | Drafted ____ Date ____ |
| Revision Code: E-1 | |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Migration | Anadromous |
|---|---|---|---|---|---|
| Pink Salmon - Adult | 8-20-93 | 50 | | | ✓ |
| | | | | | |
| | | | | | |
| | | | | | |

**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:** This stream was surveyed by Habitat and Restoration Division personnel as part of stream habitat assessment project no. R-47. A foot survey was conducted from the stream mouth to the barrier at the upper extent. Salmon were visually identified and enumerated. The barrier at the upper extent of observed salmon is a falls approximately 15 meters in height. The stream width both at the mouth and the upper extent is 2 meters. Gradient is 3 percent. Good spawning gravel.

Name of Observer (please print) Wesley Gherardley

Date: 10-6-93 Signature: Wesley Gherardley

Address: 333 Raspberry Rd.
Anchorage, AK.

ALASKA DEPT. OF FISH & GAME

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.

# STREAM HABITAT ASSESSMENT 1993 – SEGMENTS

STREAM: Olsen Bay 1 SEGMENT: 0 of 1 DATE: 8/17/93 TEAM: Shormiley Gray

ANADROMOUS: (y) n WIDTH (m): 2 - 2 LENGTH (m): 60 GPS DATE: 8/20/93 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 |
| PINKS | A | 50+ | V | Adults in stream | BLACK BEAR | | Half eaten fish |

GRADIENT(%): 3 CHANNEL PROFILE: A B (C) D E F

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE : (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE 2 COBBLE 3 GRAVEL 1 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: Sitka spruce Hemlock —

UNDERSTORY: High bush blueberry Mosses Devils club

CANOPY ABOVE STREAM: none low medium (high)

GROWTH: (mature) secondary shrubs meadow muskeg intertidal

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

TYPE: (fall) slide beaverdam logjam spring substrate HEIGHT (m): .5 DIST. FROM UPPER EXTENT (m): ___

PHOTO ROLL(s): DG01

| FRAME | DESCRIPTION |
|---|---|
| 1 | upper Extent |
| 2 | upper Extent-looking downstream |
| 3 | Looking up from Mouth |

VIDEO TAPE(s): ___

| 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)

# STREAM HABITAT ASSESSMENT 1993 – STREAMS

STREAM: Olson Bay Ø1 QUAD: C5 STAGE: [illegible] L

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

DATE(s): 8/17/93 UTM ZONE: 6

GPS FILES: B082016C

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

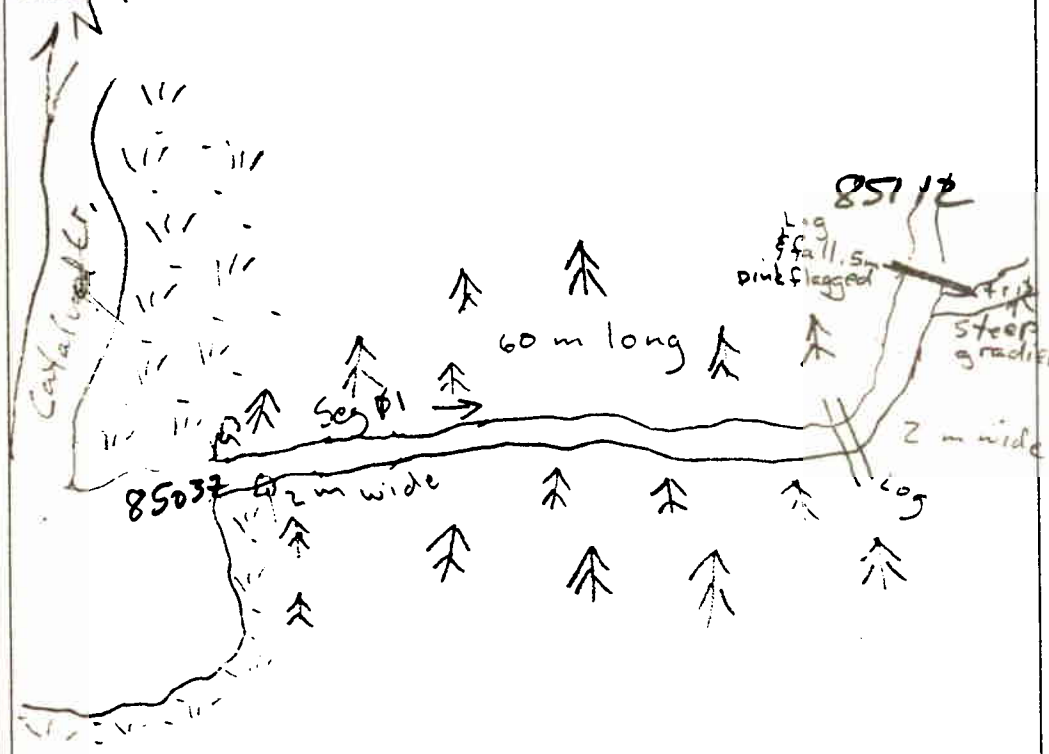
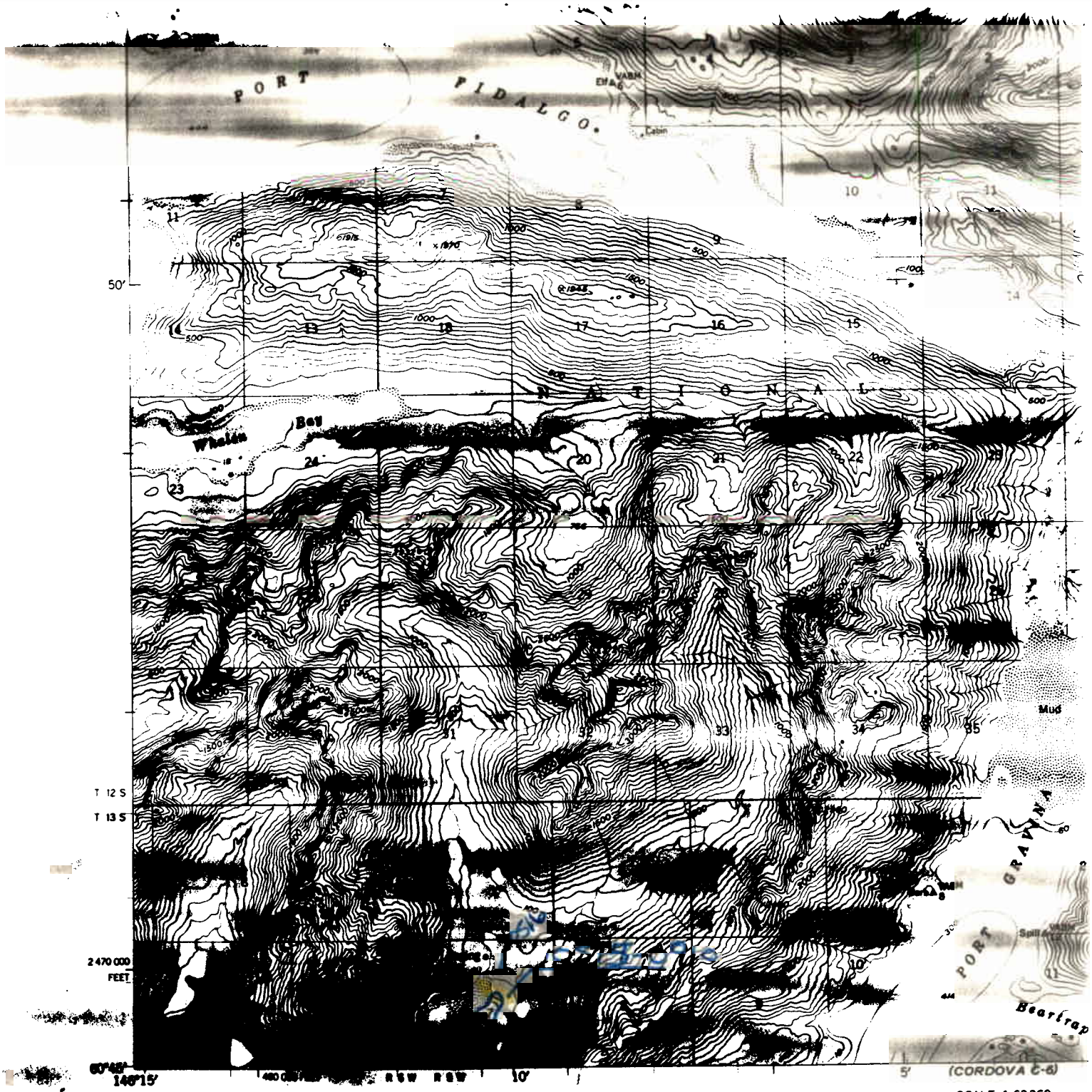



PHOTO ROLL(s): VIDEO TAPE(s):

| FRAME | DESCRIPTION | DATE | |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

(Please enter comments on the other side)




Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1950, field annotated 1951. Map not field checked

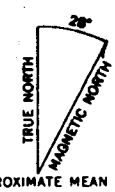
Selected hydrographic data compiled from NOS/NOAA Charts 16708 (1981) and 16700 (1983)

This information is not intended for navigational purposes

...ks shown in blue:
...e 6
...laska coordinate
...rican Datum
...merican Datum 1983 move
...th and 112 meters east
...nd unmarked locations
...and Management

...ly the wetter areas,
...l from aerial photographs
...ablished by The Alaska National Interest Lands Conservation Act, PL 96-487, Dec. 2, 1980, are shown as compiled by the administering agencies

221-30-
10520
W side OLSEN BAY
CORDOVA C-6
D-6




APPROXIMATE MEAN DECLINATION, 1951

SCALE 1:63 360

CONTOUR INTERVAL 100 FE
NATIONAL GEODETIC VERTICAL DATUM
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LI
THE MEAN RANGE OF TIDE IS APPROXIMA

FOR SALE BY U. S. GEOLOGICAL
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOL

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTROL CRK
52 LONG

# 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