

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

Anadromous Water Catalog Number of Waterway 226-20-16969

Name of Waterway _____ USGS name _____ Local name _____

Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

| | | |
|--|---------------------|-----------------|
| Nomination # <u>94 111</u> | <u>[Signature]</u> | <u>1/14/94</u> |
| Revision Year: <u>'94</u> | Regional Supervisor | Date |
| Revision to: Atlas _____ Catalog _____ | <u>Ed Wein</u> | <u>12/28/93</u> |
| Both <input checked="" type="checkbox"/> | <u>Z. Arone</u> | <u>2/4/94</u> |
| Revision Code: <u>A-2</u> | Drafted | Date |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Migration | Anadromous |
|----------------------------|------------------|----------------------------|---------|-----------|------------|
| <u>Pink Salmon - Adult</u> | <u>9-1-93</u> | <u>estimated 1,750</u> | | | <u>✓</u> |
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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: Pink salmon were visually identified. The number of salmon was estimated. Pink distribution extended from the intertidal zone upstream to a point approx. 30 meters below the 1 meter waterfall barrier. Stream width ranged from 15 meters in the lower extent to 3.5 meters at the upper fish extent. Gradient is 2 percent.

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

ALASKA DEPT. OF FISH & GAME
 NOV 02 1993
 REGION II HABITAT AND RESTORATION DIVISION

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

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Drier 04 SEGMENT: 0-01 DATE: 9/1/93 TEAM: JR/KS
 ANADROMOUS: WIDTH (m): 15 - 3.5 LENGTH (m): _____ 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 |
| <u>pinks</u> | <u>A</u> | <u>1500-2000</u> | <u>V</u> | <u>combined count ITZ and stream</u> | <u>Bats</u> | <u>—</u> | <u>scat</u> |
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GRADIENT(%): 2 CHANNEL PROFILE: V □ ⊖ ∪ ∩ —
A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: BEDROCK _____ BOULDER _____ RUBBLE 3 COBBLE 2
(rank three most predominant types) 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

RIPIARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: Hamlock
 UNDERSTORY: Salmonberry Alder Ferns

CANOPY ABOVE STREAM: none low medium high

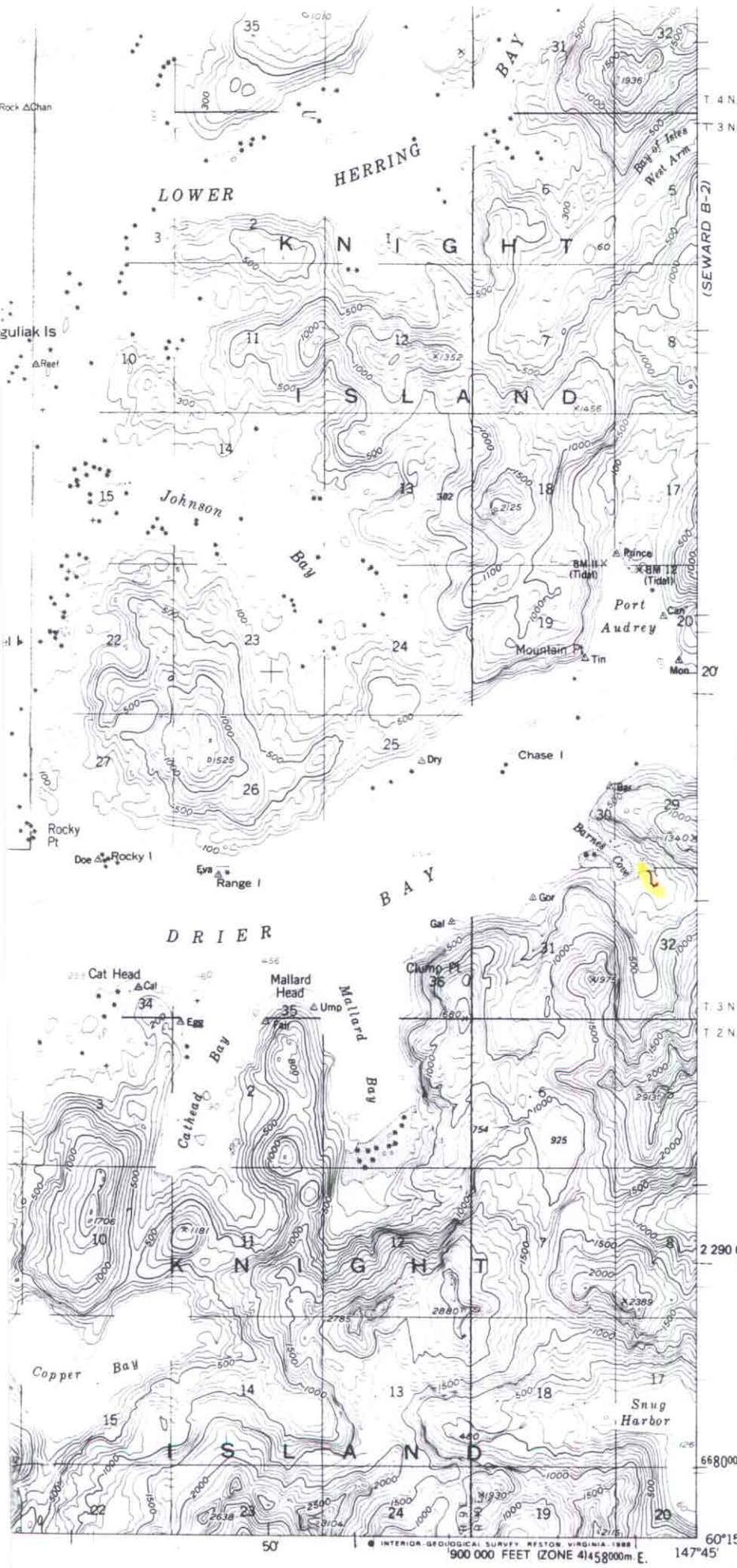
GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? BARRIER TO SPECIES: pinks adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 2 DIST. FROM UPPER EXTENT (m): 30

| PHOTO ROLL(s): <u>K07 K507</u> | | VIDEO TAPE(s): _____ | |
|--------------------------------|--|----------------------|-------------|
| FRAME | DESCRIPTION | DATE | DESCRIPTION |
| <u>09</u> | <u>upper portion of segment looking upstream</u> | | |
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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
 226-20-16969
 w/ps

DRIER-04
 Meinstem
 ps

ROAD CLASSIFICATION

(SEWARD A)

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

FROM: Kathrin Sundet *KS*
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

SUBJECT: Anadromous Stream
Nominations
and Corrections
Project R-51

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