

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

Region SOUTHWEST

USGS Quad Afognak B-2

Anadromous Water Catalog Number of Waterway 251-82-10050-2020

Name of Waterway USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

| | | | |
|--------------------|----------------|-----------------------|-----------------|
| Nomination # | <u>97 012</u> | <u>[Signature]</u> | <u>11/4/96</u> |
| Revision Year: | <u>97</u> | Regional Supervisor | Date |
| Revision to: Atlas | <u>Catalog</u> | <u>[Signature]</u> | <u>12/6/96</u> |
| | Both <u>X</u> | AWC Project Biologist | Date |
| Revision Code: | <u>E-9 A-2</u> | <u>[Signature]</u> | <u>12/10/96</u> |
| | | Drafted | Date |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|-------------------|------------------|----------|---------|---------|-------------------------------------|
| Coho | 7/18/96 | Yes | Yes | Yes | <input checked="" type="checkbox"/> |
| Dolly Varden | 7/18/96 | Probable | Yes | Yes | <input checked="" type="checkbox"/> |
| Rainbow/Steelhead | 7/18/96 | Probable | Yes | Yes | <input checked="" type="checkbox"/> |
| | | | | | <input type="checkbox"/> |
| | | | | | <input 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 other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: During the course of a Forest Practices inspection, we sampled this drainage with a Smith-Root battery-powered electrofisher from the large lake in the NW 1/4 of Section 18, T. 22 S., R. 19 W., S.M. downstream past the 700 Road to the upper limit of the stream reach drawn on the attached map. Although the upstream habitat provides excellent spawning and rearing habitat, no fish were collected above a series of falls and cascades immediately upstream of the identified stream reach. At the last sampling station immediately downstream of a 10 foot fall, we collected young of the year coho and observed coho skeletal remains on the bank. Portage Lake, 1/4 mile below this sampling point is known to support anadromous Dolly Varden and steelhead trout. As the presence of coho salmon demonstrates this site is accessible by anadromous fish, I believe we should also consider the observed Dolly Varden and rainbow/steelhead as anadromous.

Name of Observer (please print) Michael Wiedmer, Habitat Biologist ALASKA DEPT. OF FISH & GAME
 Date: 12/4/96 Signature: [Signature] BEC 65 1996
 Address: Alaska Department of Fish and Game
533 Raspberry Road, Anchorage, AK 99518 REGION II HABITAT AND RESTORATION DIVISION

This certifies that in my best professional judgment 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: _____

FISH HABITAT SURVEY FORM

REV 7/9/96

SURVEY AREA: FEEDBACK LONDON TRIPS TO PORTAGE LAKES

DATE: 7/18/96 TIME: 16:15

STATION NO: _____ OBSERVERS: MJ, WJ, WH TEAM: A B STREAM NO: _____

GPS COORDINATES: Lat. _____ Long. _____

WEATHER: CLEAR STREAM STAGE: HIGH PRECIP: _____

PRT. CLDY. MEDIUM TODAY 0

CLOUDY LOW YESTERDAY 0

THIS WEEK 1.5 - 2.0

TEMP: AIR _____ WATER _____ STREAM GRADIENT: _____ %

WATER CLARITY: LEAR SUBSTRATE COMPOSITION (%):

MUD _____ WIDTH 10 STREAM DIMENSIONS (ft):

STAINED _____ SAND _____ DEPTH, LEFT BANK 0

TURBID _____ GRAVEL _____ DEPTH, RIGHT BANK 0

MUDDY _____ COBBLE _____ DEPTH, MID-CHANNEL 1.0

MURKY _____ BLDR/R-ROCK 75 100% VELOCITY: None Slow Medium Fast

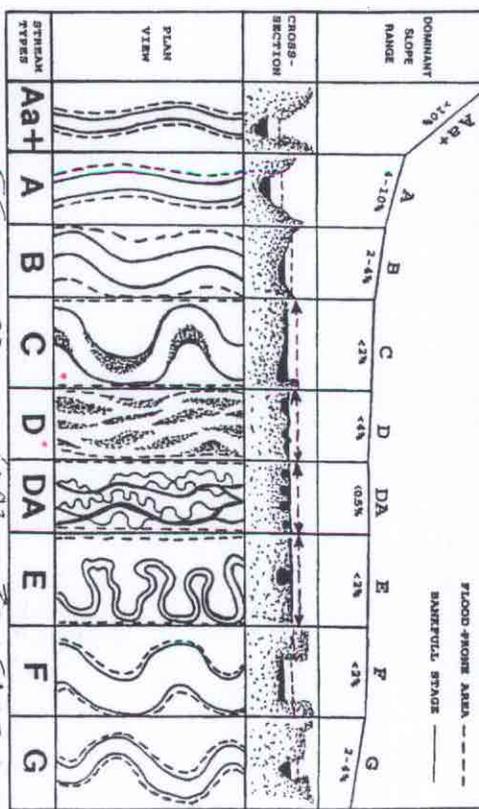
0 0-1 1-3 3+

MEASURED VELOCITY: _____

CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):

Section 10 T N S R J C U. S.

| Downstream Method | A | B | C | D | DA | E | F | G |
|-------------------|----------|----------|------|-----|-------|------|------|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| ENTRHL | <1.4 | 1.4-2.2 | >2.2 | N/A | >2.2 | >2.2 | <1.4 | <1.4 |
| SIN | <12 | >12 | >14 | <11 | >11.6 | >1.5 | >1.4 | >1.2 |
| W/D | >12 | >12 | >12 | >40 | >40 | >12 | >12 | >12 |
| SLOPE | .04-.039 | .02-.039 | <02 | <02 | <005 | <02 | <02 | .02-.039 |



FISH SAMPLING GEAR: FE TIME: 20:30 AREA: 50ft² EFFIC: 50% FAST CURRENTS AT UPPER LIMIT BETWEEN ROCKS

| CO | 35 | 37 | + | Adult | Skull | Bones |
|-------|-----|-----|----|-------|-------|-------|
| K | | | | | | |
| S | | | | | | |
| P | | | | | | |
| CH | | | | | | |
| DV | 32 | | | | | |
| RB/SH | 122 | 140 | 82 | | | |

WILDLIFE OBSERVATIONS:

North of 700 Road, Tributary of Portage Lk.
 ASHLEY VISIT #403 CUT IN 1986