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

252-34-10020-0010-X23

ALASKA DEPT. OF FISH & GAME
OCT 16 1992
REGION II HABITAT DIVISION

AWC Volume SE SC (SW) W AR IN USGS Quad Afognak (A-3) Alaska

Anadromous Water Catalog Number of Waterway 252-34-10020-2072

Name of Waterway Bear Feast creek USGS name ____ Local name +

Addition + Deletion ____ Correction ____ Backup Information ____

For Office Use

| | | | |
|---|---|---|---|
| Nomination # | 93 256 | [signature] Regional Supervisor | 11/3/92 Date |
| Revision Year: | '93 | Ed Weiss | 12/29/92 |
| Revision to: Atlas ____ Catalog ____ Both X | | L. Grove Drafted | 1/13/93 Date |
| Revision Code: | A-2 | | |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Migration | Anadromous |
|---|---|---|---|---|---|
| coho fry | 8-6-92 | | + | | + |
| Sockeye | 8-6-92 | + | | | + |
| Dolly varden | 8-6-92 | | + | | |
| | | | | | |
| | | | | | |

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:

Two meters in width. Swift stream with backeddies and pools. Good spawning gravel. High water conditions at the time of the survey. We shocked $1m^2$ for 10 seconds at the upper extent station capturing one coho fry. Sockeye remains (Bear kill) above this station suggest the anadromous portion of this stream extends beyond the upper extent station. Two hundred meters upstream of the upper extent station is located a five foot waterfall which is the only barrier we observed on this stream. See final report for detailed narrative and map.

Name of Observer (please print) Katrin Sundet, Aimee wiseman, Mark Fink, Jeff Barnhart

Date: 9-28-92 Signature: Jeff Barnhart

Address: ADF&G Habitat Division Anchorage

Signature of Area Biologist: ____

Rev. 12/91

FISH HABITAT ASSESSMENT 1992

**FORM 1: STREAM**

ver 062692.0

STREAM#: 252 34 10020 0010 X23 DATE: 8/6/92

STREAM NAME: Bear Feast Creek

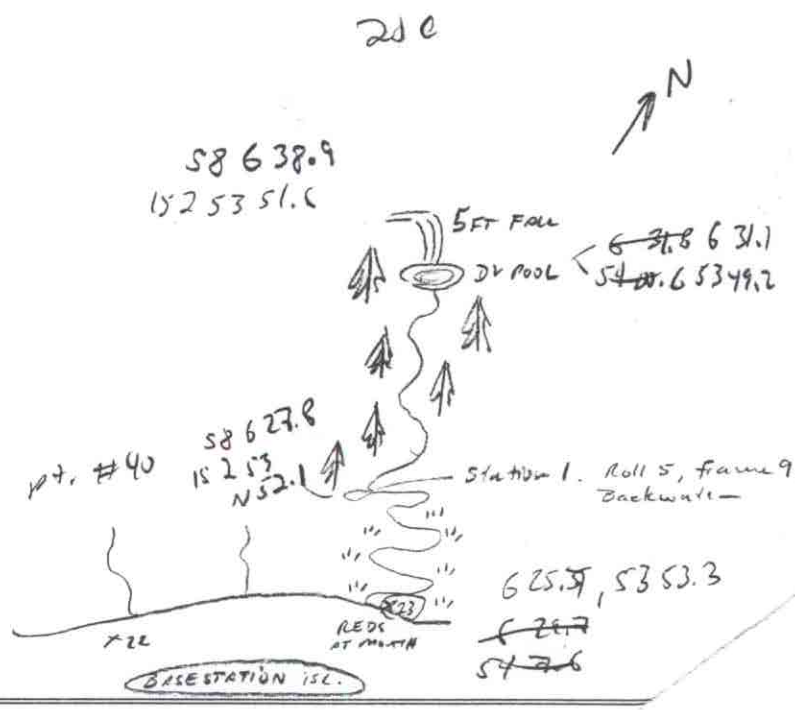
LOCATION: Afognak Lake

MOUTH-LATITUDE: 58 06 25.7 MOUTH-LONGITUDE: 152 53 53.3

TEAM: B F S W STAGE: H ✓ M __ L __

COMMENTS: Due to the high water stage, we may have found fewer Coho than usual. We observed Red Salmon at the mouth, and much bear activity (trampled grass, Sockeye remains) along the stream. ~200 m above station 1, a 5ft waterfall formed a barrier. The pool beneath contained 240 mm Dolly Varden. There is no obvious barrier to Sockeye below this waterfall.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 252 34 10020 0010 X23 SECTION: MS

DATE: 8/6/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 06 25.7 START LON: 152 53 53.3

END LAT: 58 06 27.8 END LON: 152 53 52.1

LENGTH (m): ___ WIDTH (m): 2 GRADIENT (%): 3

BANK TYPE: VEG, 1-cut STREAM DEBRIS: WOOD

BANK VEGETATION: Ferns, Devils Club, Grasses, Spruce

STREAM SUBSTRATE: GR CO SA

BANK SUBSTRATE: VE

CHARACTER: Swift stream with backeddies, pools, good spawning gravel. No visible barrier.

COMMENTS: 5 ft fall with deep pool forms barrier ~ 200 m above upper extent. High water. Surprey more Cohos would have been found further upstream in low H2O. Red Salmon Stream. Fall at 58 06 28.9, 152 53 51.6

GPS FILENAME: A0807200 TOTAL BARRIER? Y ___ N ✓

STREAM TYPE: A ___ B ___ C ___ IF BARRIER IS TOTAL, LAT: ___ LON: ___

SKETCH:

1 Coho
Roll 5, Frame 9

Substrate: BOulder >1ft CObble 2-12" GRavel .1-2" SAnd <
SIlt/clay/mud BEdrock (solid)

FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 252 34 10020 0010 X23 SECTION: MS

STATION: 1 DATE: 8/6/92 GPS-ID: A0207 20C FIX:

STATION-LAT: 58 06 27.8 STATION-LON: 152 53 52.1

GEAR: ES TIME-INT: 10 TIME-UNIT: SEC

CONDUCT: 6 AREA SHOCKED (sqm): 1

FISH

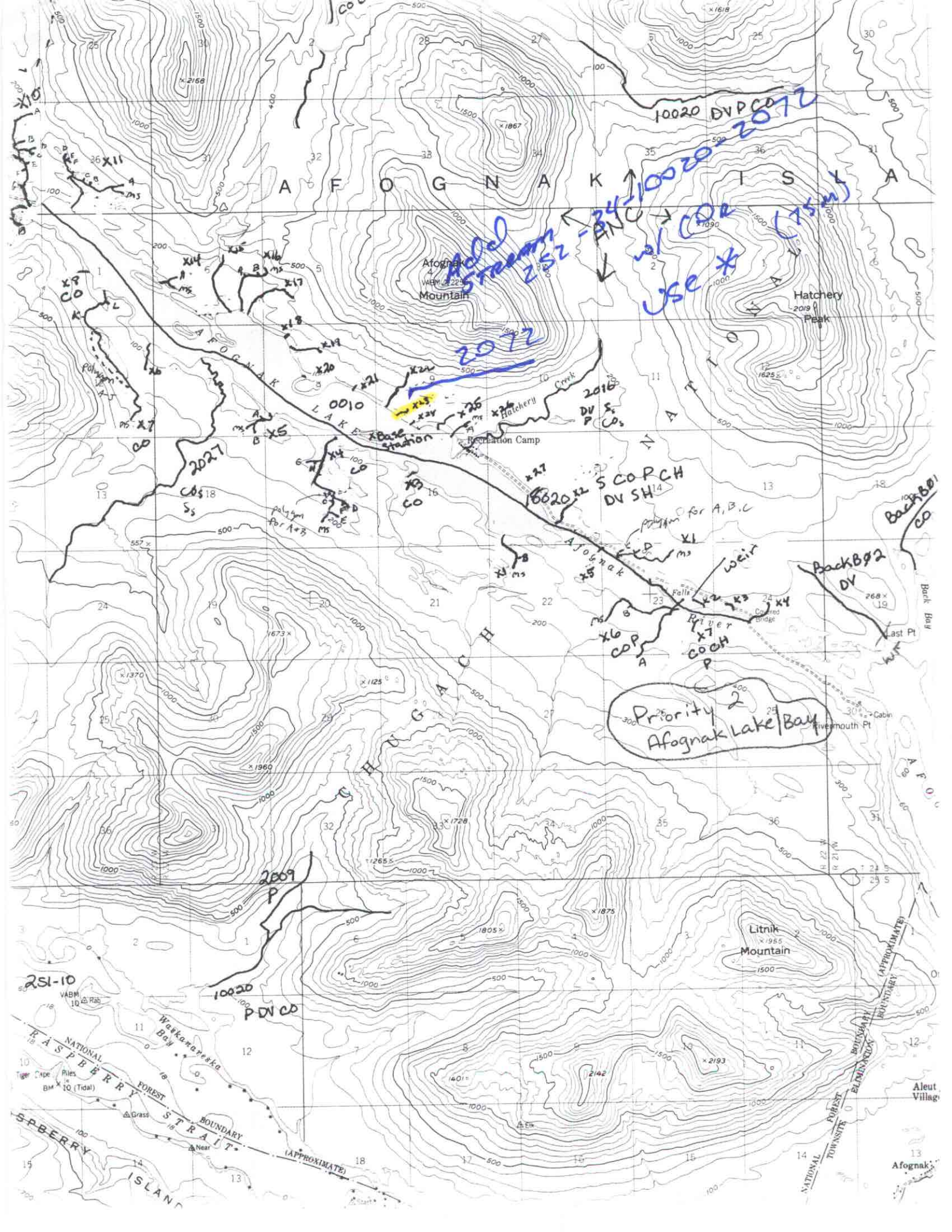
| SPECIES | LIFE STAGE | COUNT | LENGTH (mm) |
|---|---|---|---|
| COHO | Fry | 1 | |

WILDLIFE

| SPECIES | COUNT | COMMENTS |
|---|---|---|
| | | |

STATION COMMENTS:

Bear-trampled grass and Sockeye remains above this station suggest that the anadromous reach extends beyond Station 1.



AFOGNAK ISLA
Afognak Mountain
Hatchery Peak
Hatchery Creek
Recreation Camp
AFOGNAK LAKE
Afognak River
Falls
Covered Bridge
Rivermouth Pt
Last Pt
Back Bay
Litnik Mountain
Waskanareska Bay
RASPBERRY STRAIT
RASPBERRY ISLAND
Tiger Cape
Piles
Grass
Near
Elk
Aleut Village
Afognak
10020 DVPCO
2072
Add Stream 252-34-10020-2072
w/ COR
Use * (75m)
2072
0010
Base Station
2016
DV P
S COPCH
DV SH
polygon for A,B,C
weir
Priority 2
Afognak Lake/Bay
2027
2009
P
10020
PDVCO
251-10