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

252-34-10020-0010-2 8

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 252-34-10020-2092

Name of Waterway Muddy creek USGS name ___ Local name +

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 251	[signature] Regional Supervisor — 11/3/92 Date
Revision Year: '93	Ed Weiss — 12/29/92
Revision to: Atlas ___ Catalog ___ Both X	J. Stone — 1/13/93
Revision Code: A-2	Drafted — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho fry	8-5-92		X		+
Dolly Varden juv.	8-5-92		X		

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:

One meter in width, cut deeply into organic layer. Stream is 100% overgrown with vegetation. Terminated at upper extent station by one foot waterfall which is a total barrier to coho fry. Only Dolly varden were found upstream of the fall. Electro shocking .5 m² for 5 seconds at the upper extent station produced one coho fry and two juvenile Dolly varden. See final report for detailed narrative and map.

Name of Observer (please print) Katrin Sundet, Aimee Woseman, Mark Fink, Jeff Burnhart

Date: 9-22-92 Signature: Jeff Burnhart

Address: ADF&G Habitat Division Anchorage

Signature of Area Biologist: ___

Rev. 12/91

FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 252 34 10020 0010 X18 SECTION: A MS

DATE: 8/5/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 07 03.8 START LON: 152 55 23.3

END LAT: 58 07 04.4 END LON: 152 55 22.0

LENGTH (m): 33 WIDTH (m): 1 GRADIENT (%): LO

BANK TYPE: FLAT, VEG STREAM DEBRIS: GRASSES

BANK VEGETATION: FERNS, GRASSES, SALMONBERRIES

STREAM SUBSTRATE: GR SA

BANK SUBSTRATE: VE

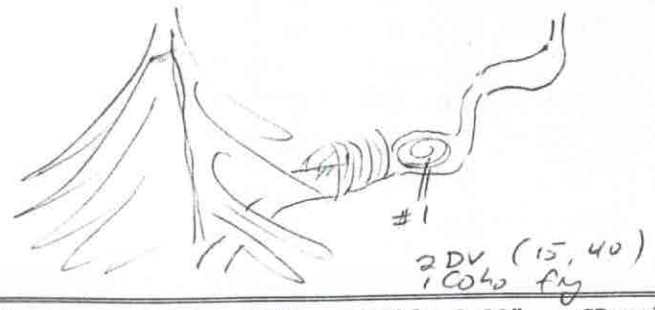
CHARACTER: 100% overgrown stream cut deeply into organic layer. Terminated by 1 ft fall.

COMMENTS: Only DV found above.

GPS FILENAME: A08052111 TOTAL BARRIER? Y ✓ N ___

STREAM TYPE: A ✓ B ___ C ___ IF BARRIER IS TOTAL, LAT: 58 07 4.4 LON: 152 55 22.0

SKETCH:



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

FISH HABITAT ASSESSMENT 1992

FORM 1: STREAM

ver 062692.0

STREAM#: 052 34 10020 0010 X18 DATE: 8/5/92

STREAM NAME: - Muddy creek

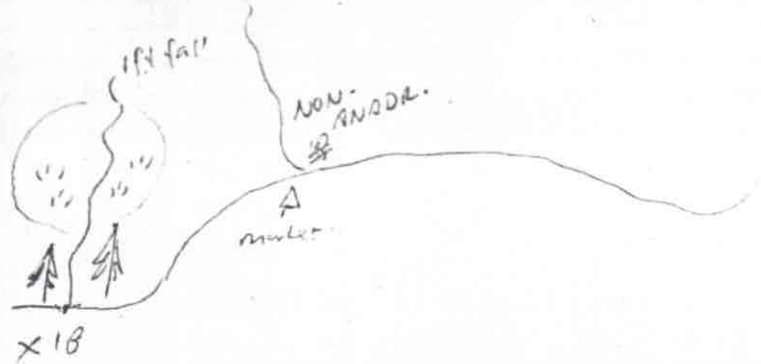
LOCATION: AFOGNAK LAKE

MOUTH-LATITUDE: 58 07 03.8 MOUTH-LONGITUDE: 152 55 23.3

TEAM: BFWS STAGE: H ✓ M __ L __

COMMENTS: Stream channel cut deeply into organic layer. Vegetation covers the stream 100%.

SKETCH: FRAME 3, Roll 5



FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 252 34 10020 0010 SECTION: MS

STATION: 1 DATE: 8/5/92 GPS-ID: AØ8Ø521H FIX:

STATION-LAT: 58 07 044 STATION-LON: 152 55 22.0

GEAR: ES TIME-INT: 5 TIME-UNIT: sec

CONDUCT: 6 AREA SHOCKED (sqm): .5

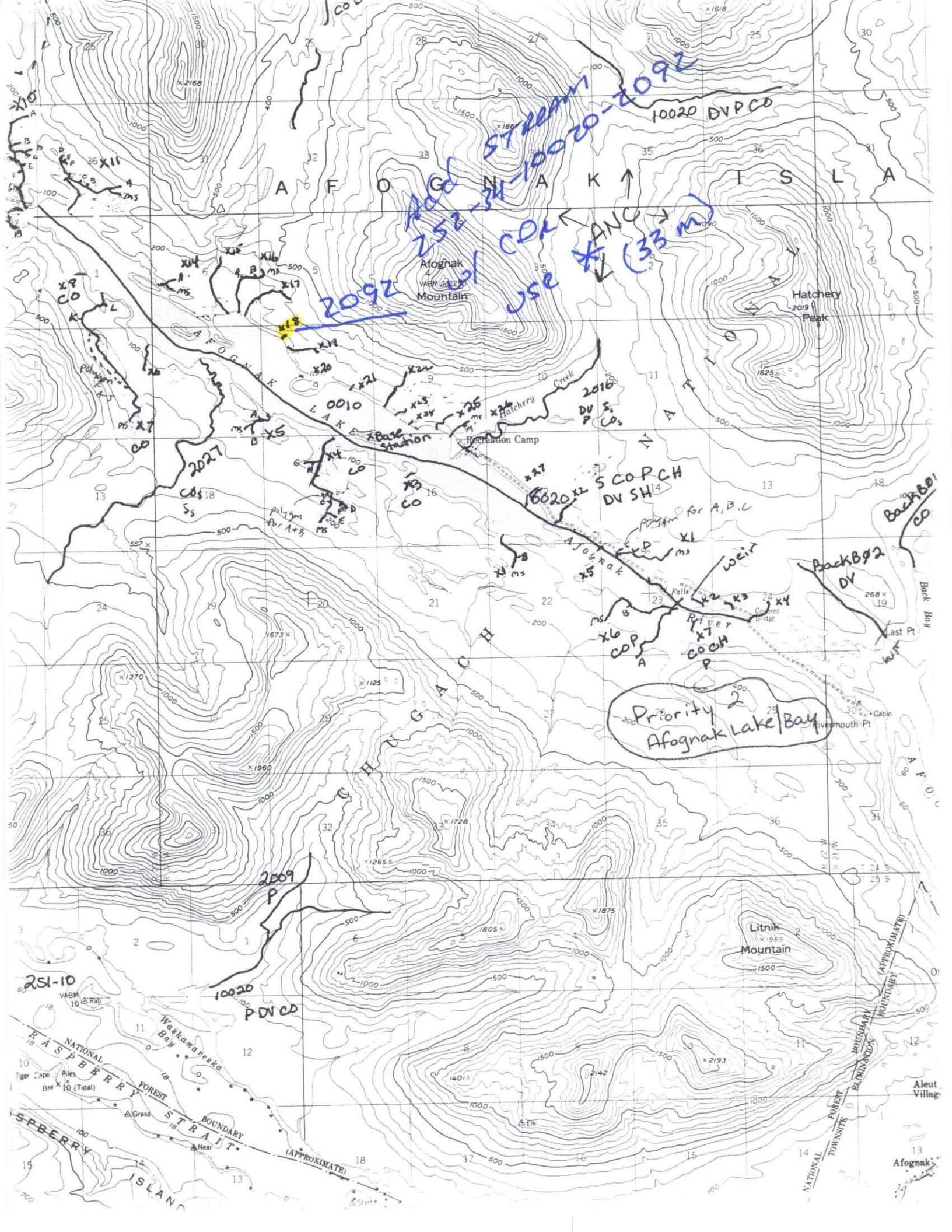
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Dolly Varden	juv	7	
Coho	fry	1	

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



Add STREAM
252-34-10020-2092
2092
w/ COR
ANC
use * (33 m)
10020 DVPCO
AFOGNAK ISLA
Afognak Mountain
Hatchery Peak
AFOGNAK LAKE
Hatchery Creek
Recreation Camp
Base station
0010
2016
2027
10020 S COPCH DV SH
polygon for A,B,C
polygon for A+B
weir
Afognak River
Falls
Covered Bridge
Back Bay
Last Pt
Rivermouth Pt
Cabin
Priority 2
Afognak Lake/Bay
CHUGACH NATIONAL
2009 P
10020 PDVCO
251-10
Litnik Mountain
Waskanareska Bay
RASPBERRY STRAIT
NATIONAL FOREST BOUNDARY (APPROXIMATE)
RASPBERRY ISLAND
Tiger Cape
Piles
Grass
Near
Elk
Aleut Village
Afognak