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

252-34-10020-0010-XLS (mainstem)

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 252-34-10020-2104

Name of Waterway Spruce creek USGS name ___ Local name X

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 246	[signature] Regional Supervisor	11/3/92 Date
Revision Year: 93	Ed Weiss	
Revision to: Atlas ___ Catalog ___ Both X	[signature] Drafted	1/13/93 Date
Revision Code: A-2		

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Rainbow Trout	8-1-92		X		
Coho fry	8-1-92		X		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:

Three meters in width. Swift, predominately riffles with few pools. The upper extent station is located approximately 50 m downstream of a 9 foot falls. Poor spawning/rearing habitat between upper extent station and the falls. The falls is a total barrier. Coho and rainbow trout were captured by electroshocking. See final report for detailed narrative and map.

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

Date: 9-22-92 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 X15 DATE: 8/1/92

STREAM NAME: Spruce Creek

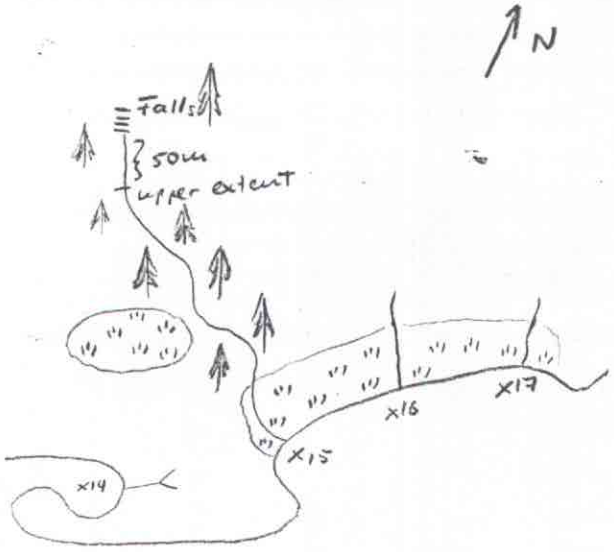
LOCATION: AFOGNAK LAKE

MOUTH-LATITUDE: 58 07 11.6 MOUTH-LONGITUDE: 152 56 09.2

TEAM: B F S W STAGE: H__ M✓ L__

COMMENTS: ANADROMOUS PORTION OF THE STREAM IS TERMINATED BY A WATERFALL. THE LAST COHO WAS FOUND 50m BELOW THE FALL. THE WATERFALL IS LOCATED AT 58 07 40.5, 152 56 22.1.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

FOG ver 062692.0

STREAM#: 252-34-10020-0010x15 SECTION: MS

DATE: 8/1/92 METHOD: Foot DIREC: UP X DOWN ___

START LAT: 58 07 11.6 START LON: 152 56 09.2

END LAT: 58 07 37.4 END LON: 152 56 23.5

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

BANK TYPE: Vshaped STREAM DEBRIS: woody

BANK VEGETATION: spruce, devils club, ferns, salmon berry

STREAM SUBSTRATE: CO GR BO SA ASH

BANK SUBSTRATE: Veg, CO

CHARACTER: swift, predomintly riffles with few pools

COMMENTS: Several pools with Rainbow trout 90mm
Upper extent approx 50 m below 9 ft falls

Poor spawning/rearing habitat between upper station & falls

GPS FILENAME: 108052 1B TOTAL BARRIER? Y X N ___

STREAM TYPE: A X B ___ C ___ IF BARRIER IS TOTAL, LAT: 58 07 40.5 LON: 152 56 22.1

SKETCH:

Frame 34 Roll 4

5 con 580

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

FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 252 34 10020 0010 X15 SECTION: MS

STATION: 1 DATE: 8/1/92 GPS-ID: A0850521B FIX: _____

STATION-LAT: 58 07 37.4 STATION-LON: 152 56 23.5

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

CONDUCT: 5 AREA SHOCKED (sqm): _____

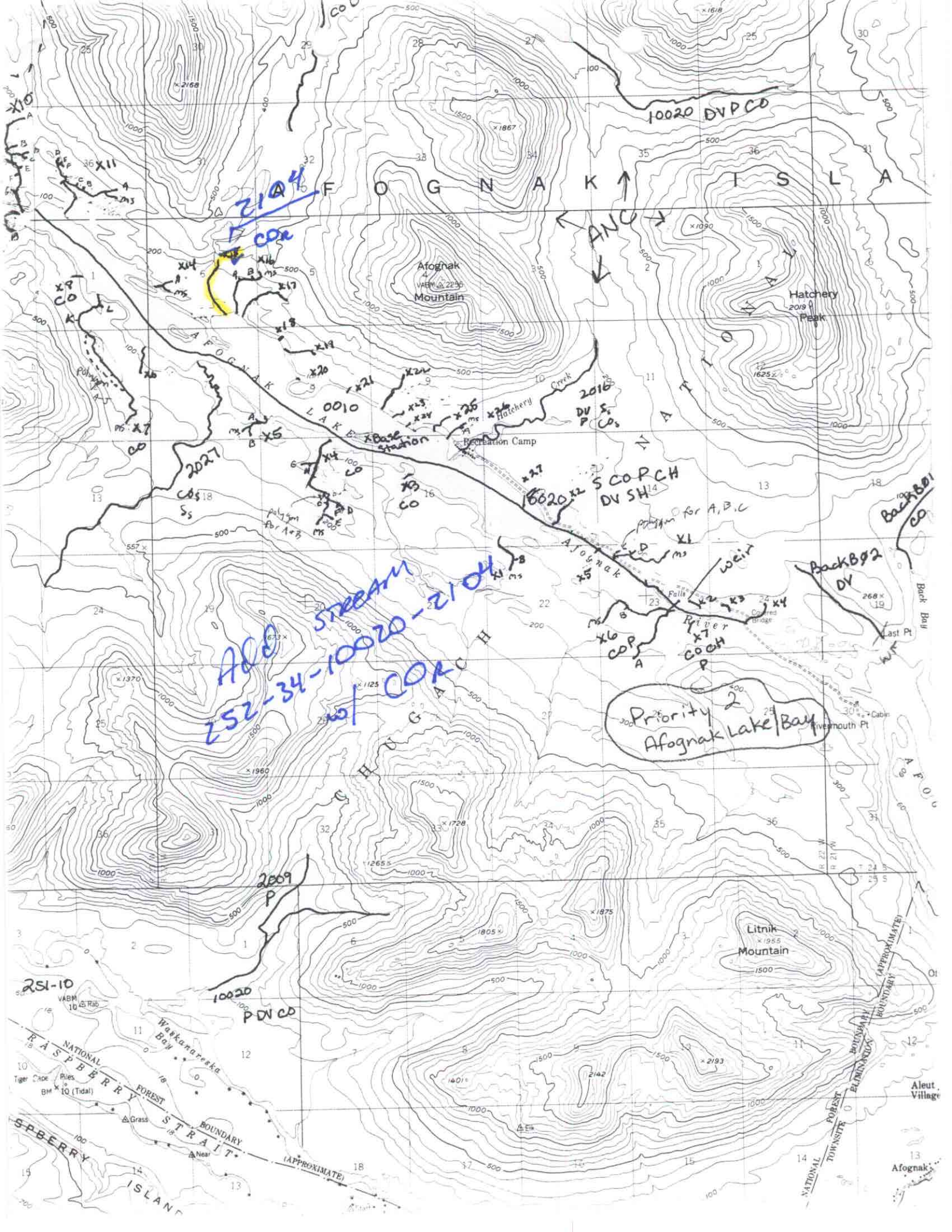
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Rainbow Trout	juv		1 at 90mm
Coho	fry		

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



AFOGNAK ISLAND
Afognak Mountain
Hatchery Peak
Hatchery Creek
Recreation Camp
Afognak River
Falls
Covered Bridge
Back Bay
Last Pt
Rivermouth Pt
Litnik Mountain
Waskanareska Bay
RASPBERRY STRAIT
RASPBERRY ISLAND
Tiger Cape
Piles
Grass
Near
Elk
Aleut Village
Afognak
10020 DVPCO
2104 COR
ANC
AFOGNAK LAKE
0010
2016 DV S P COs
Base Station
2027 COs Ss
10020 S COPCH DV SH
polygon for A,B,C
polygon for A+B
weir
Priority 2 Afognak Lake/Bay
ACE STREAM 252-34-10020-2104 w/ COR
2009 P
10020 PDVCO
251-10