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

252-34-10020-0010-x main stem (ms)

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 252-34-10020-2127

Name of Waterway Short Elk Creek USGS name ____ Local name ✓

Addition ✓ Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 213	[signature] 11/3/92
Revision Year: '93	Regional Supervisor — Date
Revision to: Atlas ____ Catalog ____	Ed Weiss 12/29/92
Both X	[signature] 1/13/93
Revision Code: A-1	Drafted — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho fry	7-25-92		✓		✓

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:

Three meters in width. we observed coho throughout this system. To within 30 yds of a waterfall which is a total barrier. The waterfall is approx 4 meters long by 2 meters in height with very smooth rock. In the upper extent region the stream cuts through bed rock. It is swift with few pools. we shocked 1 m² for 5 seconds at the upper extent station capturing two coho fry. with the exception of the upper extent area, most of this stream is slowly meandering through a large grassy meadow then increasing velocity as it enters the forest prior to emptying into Afognak Lake. 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-X7 DATE: 7/24/92

STREAM NAME: Short ELK Creek

LOCATION: Afognak Lake

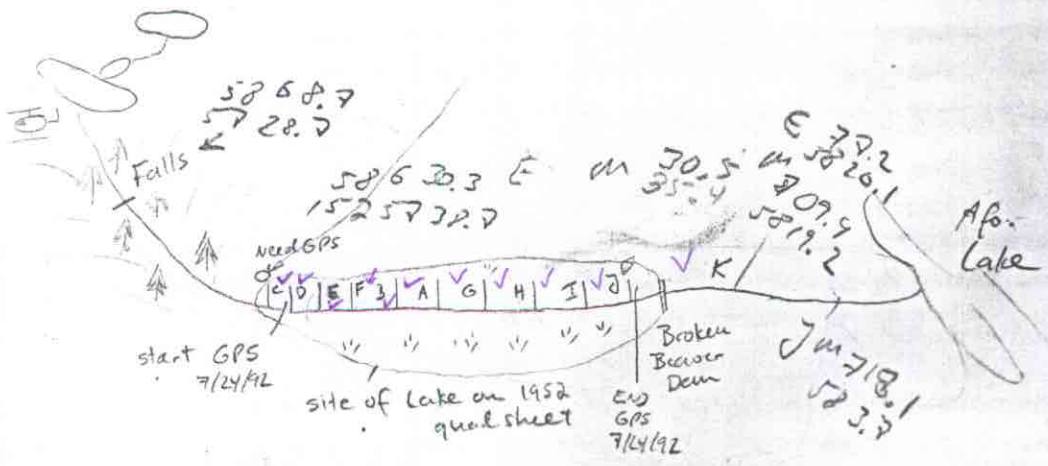
MOUTH-LATITUDE: 58 07 23.1 MOUTH-LONGITUDE: 152 58 04.5

TEAM: BFWS STAGE: H__ M ✓ L__

COMMENTS: The lake on the 1952 USGS quadsheet does not exist anymore: the beaver dam was broken and a meadow was formed.

SKETCH:

72621A, B, D (MS) Js 7 01.2 58 6.8
E 6 58.8 12.5



M = 7 20.7
58 4.5

FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 252 34 10020 0010 X7 SECTION: Ms

DATE: 7/25/92 METHOD: Foot DIREC: UP ✓ DOWN ✓

START LAT: 58 07 23.1 START LON: 152 58 04.5

END LAT: 58 06 08.7 END LON: 152 57 28.7

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

BANK TYPE: incised STREAM DEBRIS: Boulders

BANK VEGETATION: Spruce, grasses

STREAM SUBSTRATE: GR BO BE

BANK SUBSTRATE: VE BE BO

CHARACTER: Cutting through bedrock, terminated by 4m long, 2m high smooth slide. Swift with few pools

COMMENTS: 10:00. No GPS until 11:00. Last Coho pool found ~ 30 yds below barrier (roll 3, 28 ft). Flagged w. red tape (falls)

GPS FILENAME: A072621A, B, D TOTAL BARRIER? Y ✓ N __

STREAM TYPE: A ✓ B __ C __ IF BARRIER IS TOTAL, LAT: _____ LON: _____

SKETCH:

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 x7 SECTION: MS

STATION: 1 DATE: 7/25/92 GPS-ID: A0726 21A3D FIX:

STATION-LAT: 58 06 08.7 STATION-LON: 152 57 28.7

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

CONDUCT: 7 AREA SHOCKED (sqm): 1

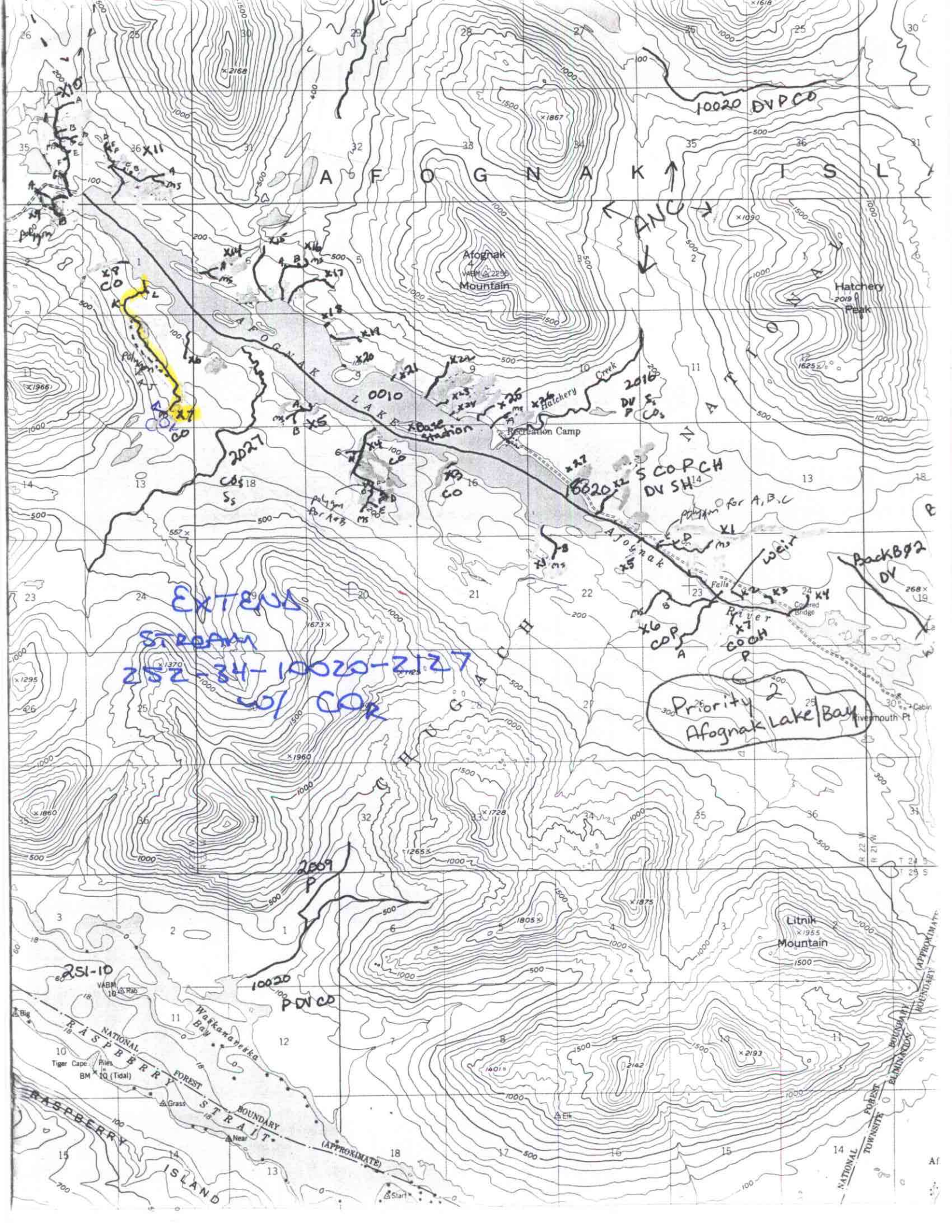
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
COHO	fry	2	

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS: Station was last pool, 30 yds below waterfall barrier.



AFOGNAK ISL
Afognak Mountain
Hatchery Peak
Recreation Camp
Hatchery Creek
AFOGNAK LAKE
Afognak River
CHUGACH NATIONAL
Falls
Covered Bridge
Rivermouth Pt
Litnik Mountain
Waskanareska Bay
RASPBERRY STRAIT
RASPBERRY ISLAND
NATIONAL FOREST BOUNDARY (APPROXIMATE)
Tiger Cape
Piles
Grass
Near
Start
Elk
10020 DVPCO
ANC
0010
2016
2027
16020
S COPCH
DV SH
Base Station
Polygon for A,B,C
Polygon for A+B
weir
Back B02
DV
EXTEND
STREAM
252-34-10020-2127
w/ COR
Priority 2
Afognak Lake/Bay
2009
P
10020
PDVCO
251-10