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

252-34-10020-0010-x B

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 252-34-10020-2127-3060

Name of Waterway Short Elk Creek (Trib) USGS name ___ Local name x

Addition x Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 215	[signature] Regional Supervisor — 11/3/92 Date
Revision Year: '93	
Revision to: Atlas ___ Catalog ___ Both X	Ed Weiss — 12/29/92
Revision Code: A-2	L. Shone — 1/22/93 Drafted Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho fry	7-24-92		x		x
Dolly Varden fry	7-24-92		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 half meter in width, this tributary stream has cut through a thick organic layer. Total barrier to coho juveniles is a one foot falls. At the upper extent station observed coho fry as we proceeded upstream through this section. We shocked .25 m^2 for 5 seconds at the upper extent station capturing one coho fry. Although no coho fry were located above the one foot falls we did however find Dolly Varden fry above the falls. See final report for detailed narrative and map.

Name of Observer (please print) Katrin Sundet, Aimee Wesenan, 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 2: SECTION

ver 062692.0

STREAM#: 252 34 10020 0010 x7 SECTION: B

DATE: 7/24/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 06 47.7 START LON: 152 57 57.3

END LAT: ___ END LON: ___

LENGTH (m): 11 WIDTH (m): .5 GRADIENT (%): 1

BANK TYPE: FLAT, VEG STREAM DEBRIS: Soil-bridges

BANK VEGETATION: GRASSES, EQUISETUM

STREAM SUBSTRATE: SA SI

BANK SUBSTRATE: VE

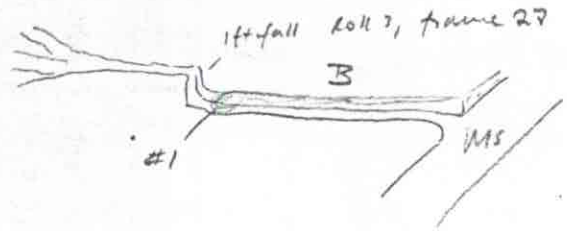
CHARACTER: small feeder stream cutting through thick organic layer. Barrier to juveniles is 1ft drop. (Frame 27)

COMMENTS: Coho fry observed downstream of station 1.

GPS FILENAME: AØ72520D 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#: 22 34 10020 0010 x7 SECTION: B

STATION: 1 DATE: 7/24/92 GPS-ID: A072520D FIX:

STATION-LAT: STATION-LON:

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

CONDUCT: 6 AREA SHOCKED (sqm): .25

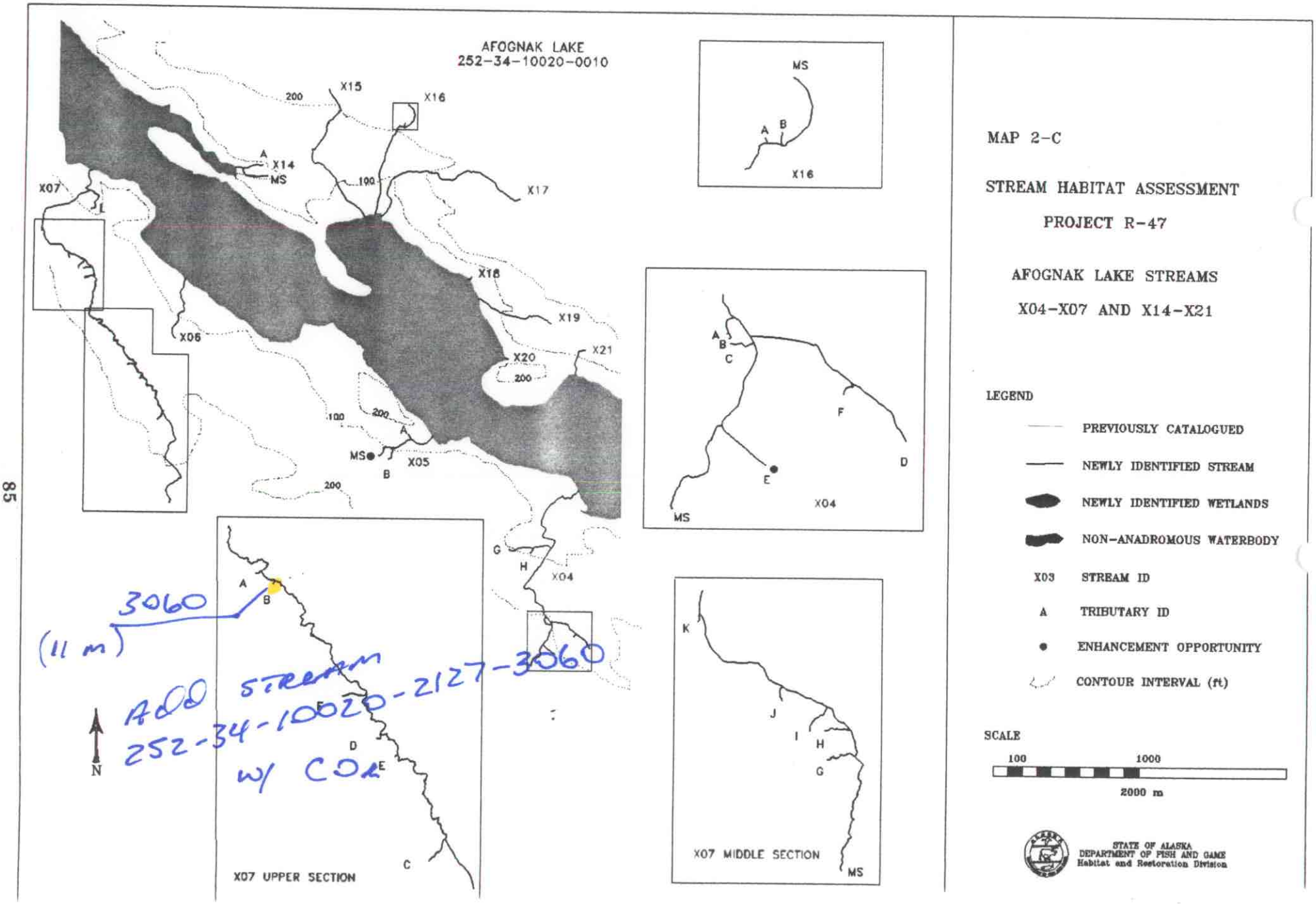
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	

WILDLIFE

SPECIES	COUNT	COMMENTS
ELK	22	Above stream, ~300 ft.

STATION COMMENTS: DV fry found above 1ft fall.



MAP 2-C

STREAM HABITAT ASSESSMENT

PROJECT R-47

AFOGNAK LAKE STREAMS

X04-X07 AND X14-X21

LEGEND

- PREVIOUSLY CATALOGUED
- NEWLY IDENTIFIED STREAM
- NEWLY IDENTIFIED WETLANDS
- NON-ANADROMOUS WATERBODY
- X03 STREAM ID
- A TRIBUTARY ID
- ENHANCEMENT OPPORTUNITY
- CONTOUR INTERVAL (ft)

SCALE

100 1000

2000 m

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
Habitat and Restoration Division