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

252-34-10020-X1 A

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 252-34-10020-2030-3005

Name of Waterway Circles Creek USGS name ____ Local name ✓

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 184	[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	[signature] Drafted — 1/22/93 Date

OBSERVATION INFORMATION

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

Stream width is .3 meters, slow flowing, cut deeply into organic layer. Barrier to juveniles is a one foot drop five meters above upper extent station. Stream dissipates in wetland above the drop. We shocked .3 m² for 5 seconds at the upper extent station capturing one coho fry. See final report for detailed narrative and map.

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

ver 062692.0

STREAM#: 252 34 10020 - X1 SECTION: A

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

START LAT: 58 05 18.5 START LON: 152 50 29.6

END LAT: 58 05 18.5 END LON: 152 50 29.6 *

LENGTH (m): 15 WIDTH (m): .3 GRADIENT (%): <1

BANK TYPE: flat, veg STREAM DEBRIS: vegetation, scum

BANK VEGETATION: Grasses, Equisetum

STREAM SUBSTRATE: SI, organic scum, ash

BANK SUBSTRATE: vegetation

CHARACTER: Slow trickle cut deeply into organic layer. Peters out above 1' drop in equisetum wetland.

COMMENTS:

Barrier to juveniles is 1' drop ~ 5 m above extent.

* use GPS file for last position. GPS was rerun on 8/21/92.

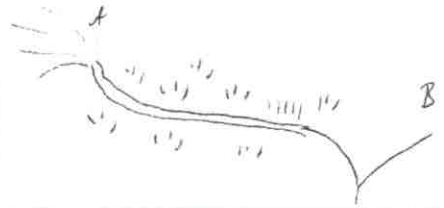
GPS FILENAME: ~~A080918D~~ A082123A TOTAL BARRIER? Y ✓ N ___

STREAM TYPE: A ✓ B ___ C ___

1 COLO ES .3

IF BARRIER IS TOTAL, LAT: 58 05 18.5 LON: 152 50 29.6

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 x1 SECTION: A

STATION: 1 DATE: 8/8/92 GPS-ID: A0082123A FIX:

STATION-LAT: 58 05 19.7 STATION-LON: 152 50 30.5

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

CONDUCT: 6 AREA SHOCKED (sqm): .3

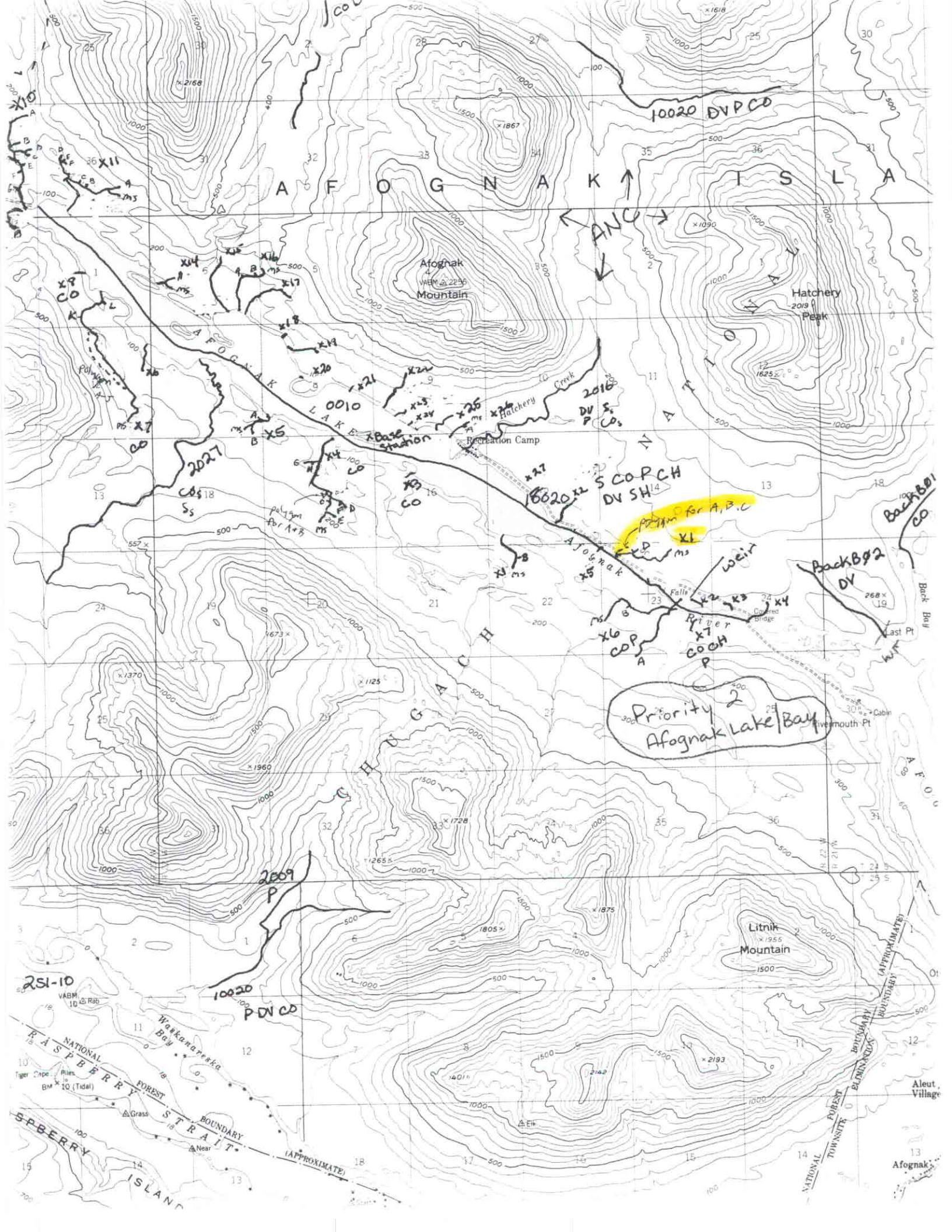
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	

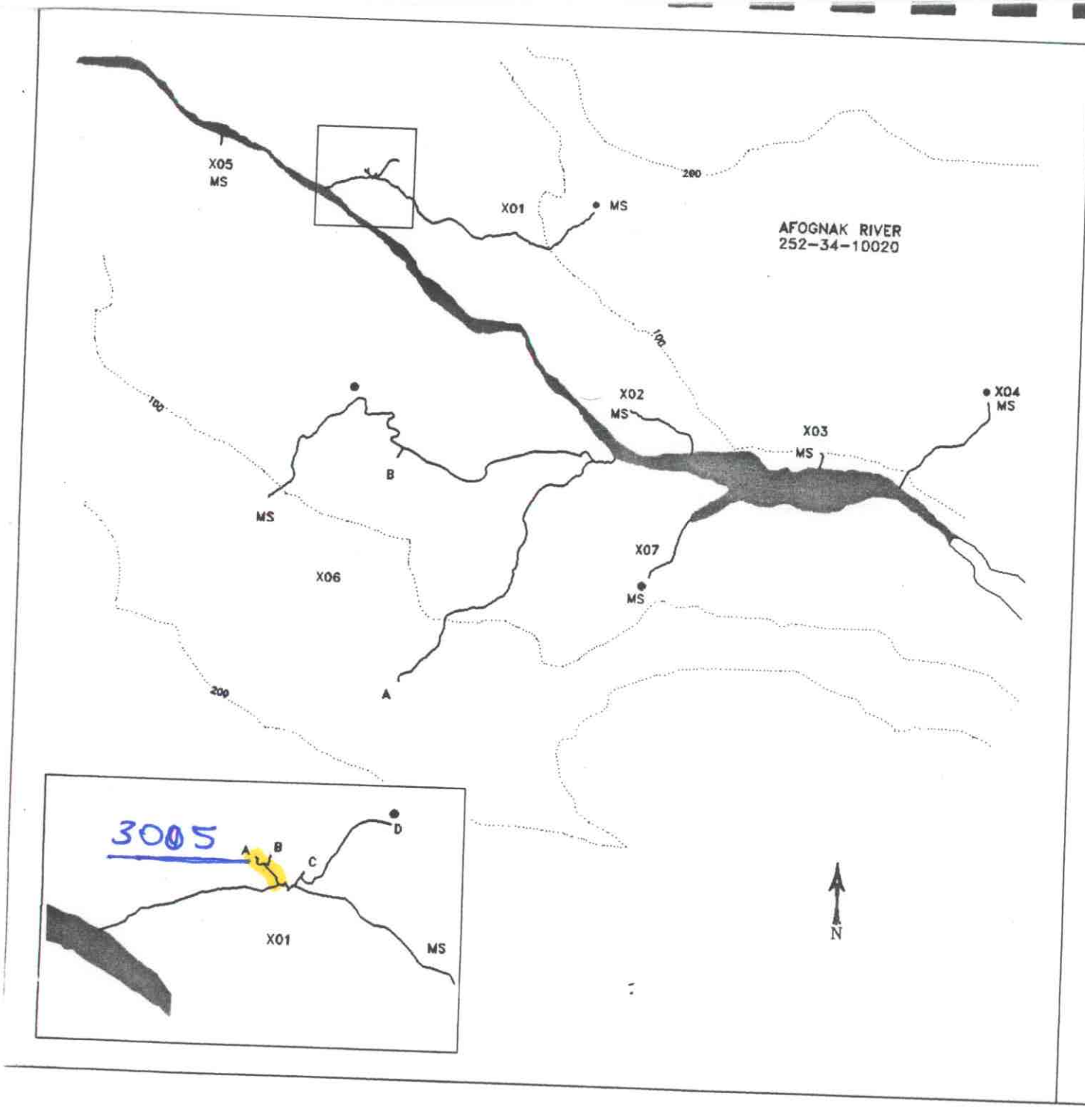
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



AFOGNAK ISLA
ANC
Afognak Mountain
Hatchery Peak
AFOGNAK LAKE
Hatchery Creek
Recreation Camp
Base Station
Afognak River
Falls
Covered Bridge
Back Bay
Last Pt
Rivermouth Pt
Cabin
CHUGACH NATIONAL
Litnik Mountain
Waskanareska Bay
RASPBERRY STRAIT
NATIONAL FOREST BOUNDARY (APPROXIMATE)
Tiger Cape
Piles
Grass
Near
Elk
Aleut Village
Afognak
10020 DVPCO
0010
2016
2027
2009
10020 PDVCO
251-10
Priority 2
Afognak Lake/Bay



MAP 2-A

STREAM HABITAT ASSESSMENT

PROJECT R-47

AFOGNAK RIVER TRIBUTARIES

LEGEND

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

SCALE

50 500 1000 m

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

NOVEMBER 27, 1992