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

252-34-10020-x7

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 252-34-10020-2011

Name of Waterway Two Bear Creek USGS name ____ Local name ✓

Addition ✓ Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination #	93 195	Regional Supervisor	11/3/92 Date
Revision Year:	'93		
Revision to: Atlas ____ Catalog ____ Both X		Ed Weiss	12/29/92
Revision Code:	A-2	Drafted	1/13/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink salmon	8-29-92	x			x
Chum salmon	8-29-92	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:

Five meters in width. Swift stream with numerous pools between boulders. Terminated at upper extent station by eight foot falls. Observed numerous adult pink salmon and six chum salmon from the upper extent downstream. We shocked five large pools totalling 20m² above the falls capturing only Dolly varden. Good spawning habitat above the falls. See final report for detailed narrative and map.

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

Date: 10-5-92 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 ~~10010~~ 10020 x 7 SECTION: A ms

DATE: 8/29/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 12 51.3 START LON: 152 45 00.8

END LAT: 58 12 48.4 END LON: 152 45 09.0

LENGTH (m): 139 m WIDTH (m): 5 GRADIENT (%): 2

BANK TYPE: INCISED VEG STREAM DEBRIS: BOULDERS, LOGS

BANK VEGETATION: Ferns, Spruce, Devil's Club

STREAM SUBSTRATE: BO BE GR

BANK SUBSTRATE: BO BE GR

CHARACTER: Swift stream with numerous pools between boulders, terminated by 8 ft falls, total 20 ft

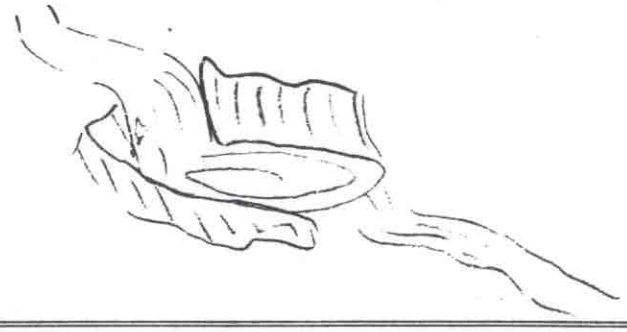
COMMENTS: Shocked 5 large pools (total ~ 20 m2 area) above falls, found only DV's. Observed numerous pinks and 6 Chums spawners below extent. Observed 2 bears at upper end of meadow.

GPS FILENAME: Z0829233 TOTAL BARRIER? Y ✓ N ___

STREAM TYPE: A ✓ B ___ C ___

IF BARRIER IS TOTAL, LAT: 58 12 48.4 LON: 152 45 09.0

SKETCH: 1 Pink Ad. 5 Coho 1 ~~Chum Ad.~~ 50°F



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 10010 x7 SECTION: MS

STATION: 1 DATE: 8/29/92 GPS-ID: Z0029 23B FIX:

STATION-LAT: 58 12 48.4 STATION-LON: 152 45 09.0

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

CONDUCT: 5 AREA SHOCKED (sqm): 1

FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
PINK	Adult	1	

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:

FISH HABITAT ASSESSMENT 1992

FORM 1: STREAM

ver 062692.0

STREAM#: 252 34 10010 X7 DATE: 8/29/92

STREAM NAME: TWO BEAR CREEK

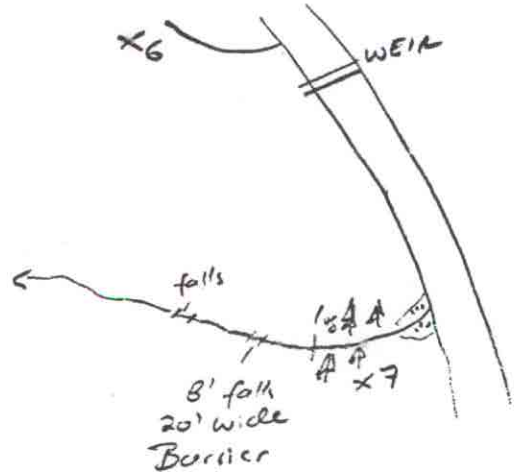
LOCATION: AFOGNAK RIVER

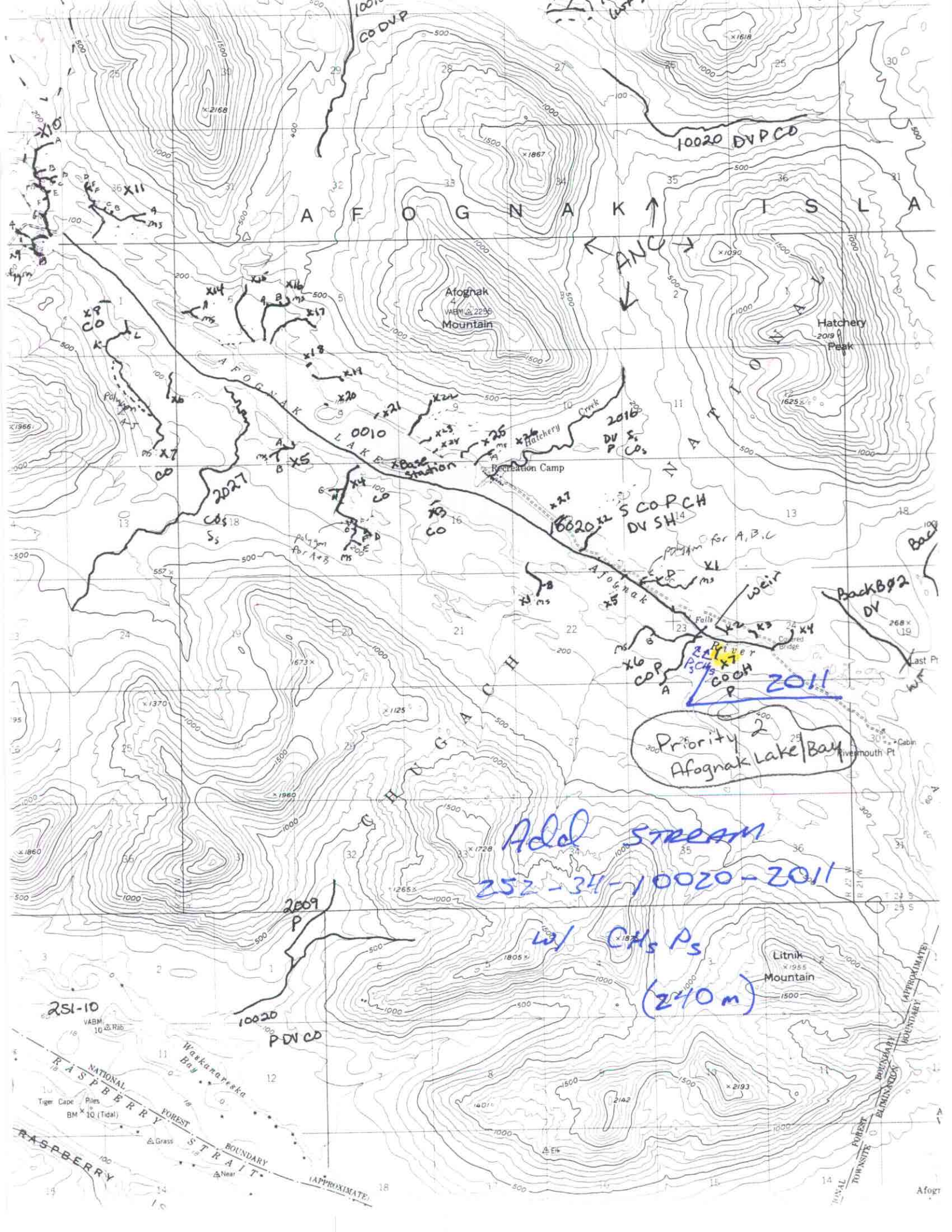
MOUTH-LATITUDE: 58 12 51.3 MOUTH-LONGITUDE: 152 45 00.8

TEAM: BMFS STAGE: H__ M ✓ L__

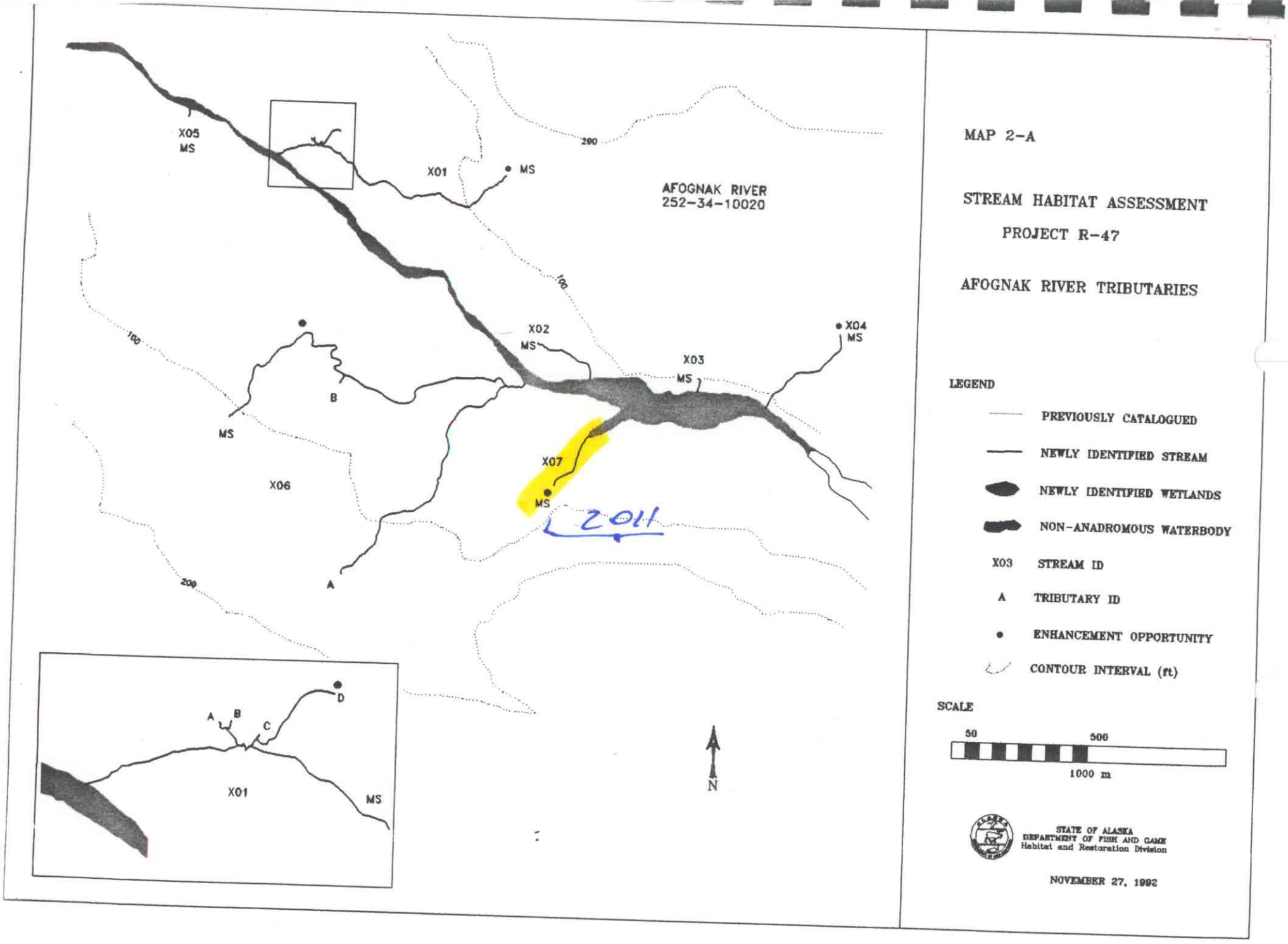
COMMENTS: SECOND STREAM ON SOUTH SIDE BELOW THE WEIR. Stream is fairly homogeneous throughout the length surveyed - it extends at least 1 mile above the 8' fall barrier and has good spawning habitat. The stream enters Afognak River via a ~60m long meadow.

SKETCH:





AFOGNAK ISLA
Afognak Mountain
Hatchery Peak
Recreation Camp
Hatchery Creek
Afognak River
Falls
Covered Bridge
Rivermouth Pt
Litnik Mountain
Waskanareska Bay
RASPBERRY STRAIT
NATIONAL FOREST BOUNDARY (APPROXIMATE)
Tiger Cape
Piles
Grass
Near
Elk
10020 DVPCO
10020 PDVCO
2011
Priority 2
Afognak Lake/Bay
Add STREAM
252-34-10020-2011
w/ CHs Ps
(240 m)


X05
MS
X01
MS
AFOGNAK RIVER
252-34-10020
200
100
100
X02
MS
X03
MS
X04
MS
B
MS
X06
X07
MS
2011
200
A
A
B
C
D
X01
MS
N
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