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

252-34-10020-0010-x/c

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 252-34-10020-2150-3028

Name of Waterway Guiness Creek USGS name ____ Local name x

Addition x Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination #	93 230	[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	1/13/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho fry	7-29-92		x		x
Dolly Varden fry	7-29-92		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 and one-half meters in width. Swift current. Pools with undercut banks. A 9 inch falls which is a blockage to coho fry occurs approx. 4 meters upstream of upper extent station. Approx 100 m downstream of upper extent station stream enters a flat meadow & parallels divide between Afognak Lake and Malko Bay. Wider in this section then in meadow downstream. Shocked a total of nine coho downstream. At the upper extent station we shocked 1 m² for 5 seconds capturing one coho and two Dolly Varden fry. 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 I: STREAM

ver.062692.0

STREAM#: 252 34 10020 2010 - X10 DATE: 7/27/92

STREAM NAME: Beaver Creek

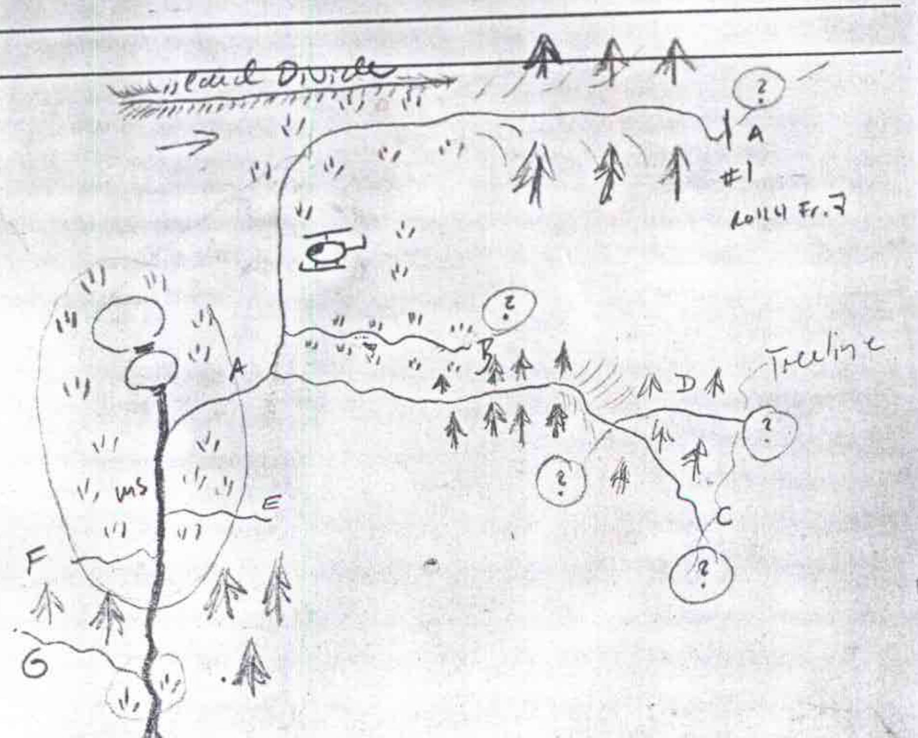
LOCATION: Afognak lake

MOUTH-LATITUDE: 58 08 3.8 MOUTH-LONGITUDE: 152 59 6.9

TEAM: BFSW STAGE: H__ M __ L__

COMMENTS:

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 252 34 10020 0010 X10 SECTION: A

DATE: 7/29/92 METHOD: Foot DIREC: UP ✓ DOWN ___

START LAT: 58 08 44.7 ~~58 08 46.5~~ START LON: 152 59 14.6 21.5

END LAT: 58 09 10.7 END LON: 152 58 45.5

LENGTH (m): ___ WIDTH (m): 1.5 GRADIENT (%): 5

BANK TYPE: Veg, cut STREAM DEBRIS: Bo, logs

BANK VEGETATION: Alders, Spruce, Bushes, Grass

STREAM SUBSTRATE: GR CO BO

BANK SUBSTRATE: GR BO VE

CHARACTER: swift current with 2-3" drops over boulders, pools w. undercut banks. No visible barrier.

COMMENTS: major deer mineral lick just above station 1. 9" drop ~ 4m above Station 1. ~ 100 yds below, stream enters fairly flat meadow, parallels divide between Akgenak Lake and Malina Bay. wider in this section. Other in meadow below. Stocked total of 9 Cohos below.

GPS FILENAME: 172719A TOTAL BARRIER? Y ✓ N ✓

STREAM TYPE: A ___ B ___ C ___ IF BARRIER IS TOTAL, LAT: ___ LON: ___

50°F

SKETCH:

1 Coho
2 DV

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 X10 SECTION: A

STATION: 1 DATE: 7/29/92 GPS-ID: FIX:

STATION-LAT: 58 09 10.7 STATION-LON: 152 58 45.5

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

CONDUCT: AREA SHOCKED (sqm):

FISH

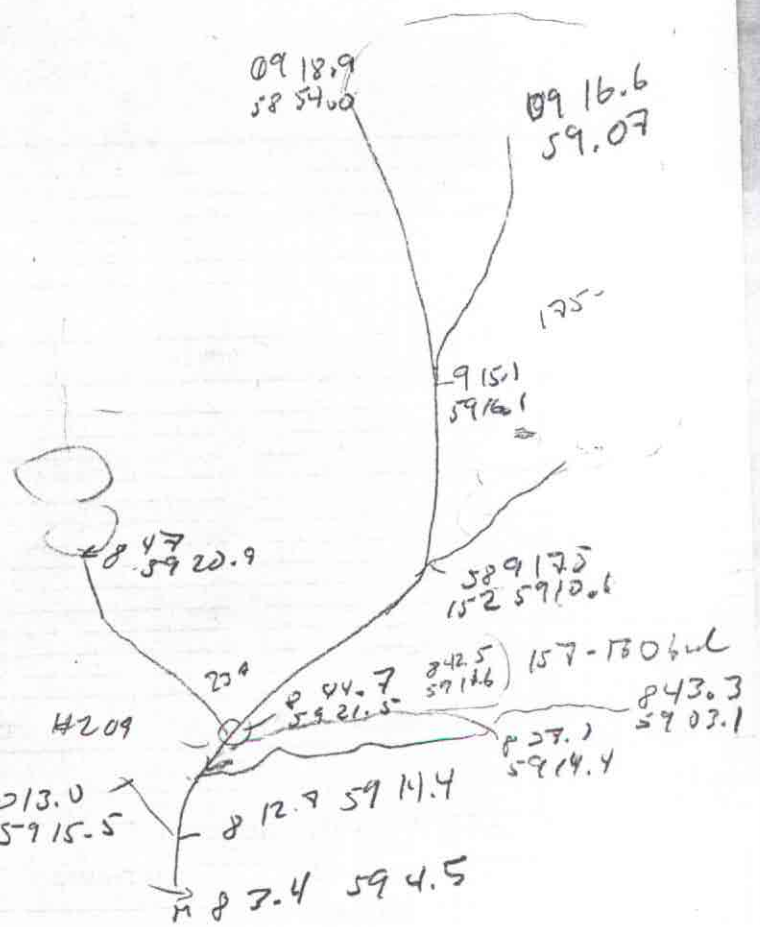
SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
COHO	~~0+~~ fry	1	
DV	fry	2	

WILDLIFE

SPECIES	COUNT	COMMENTS

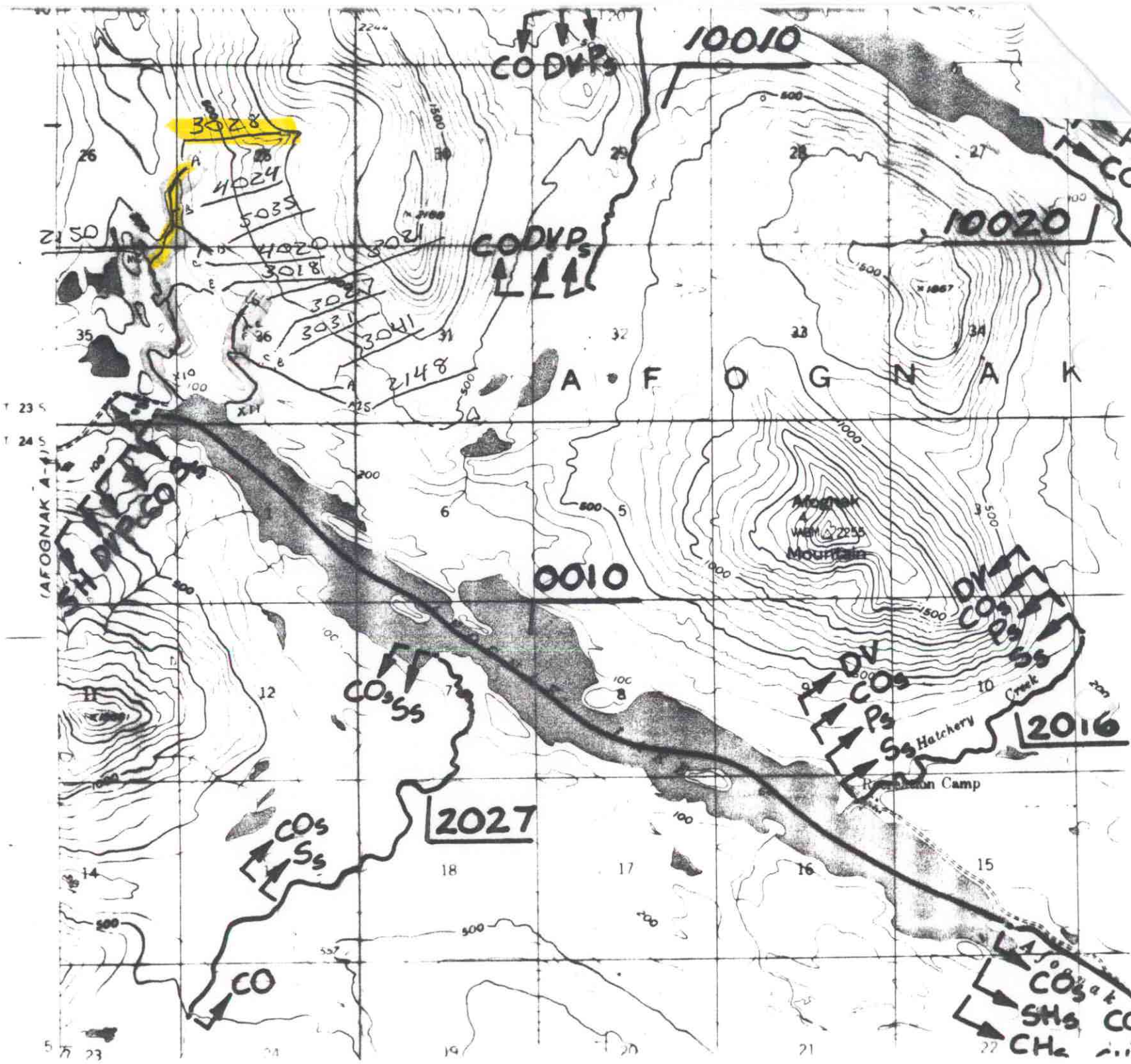
STATION COMMENTS:

X10 GPS

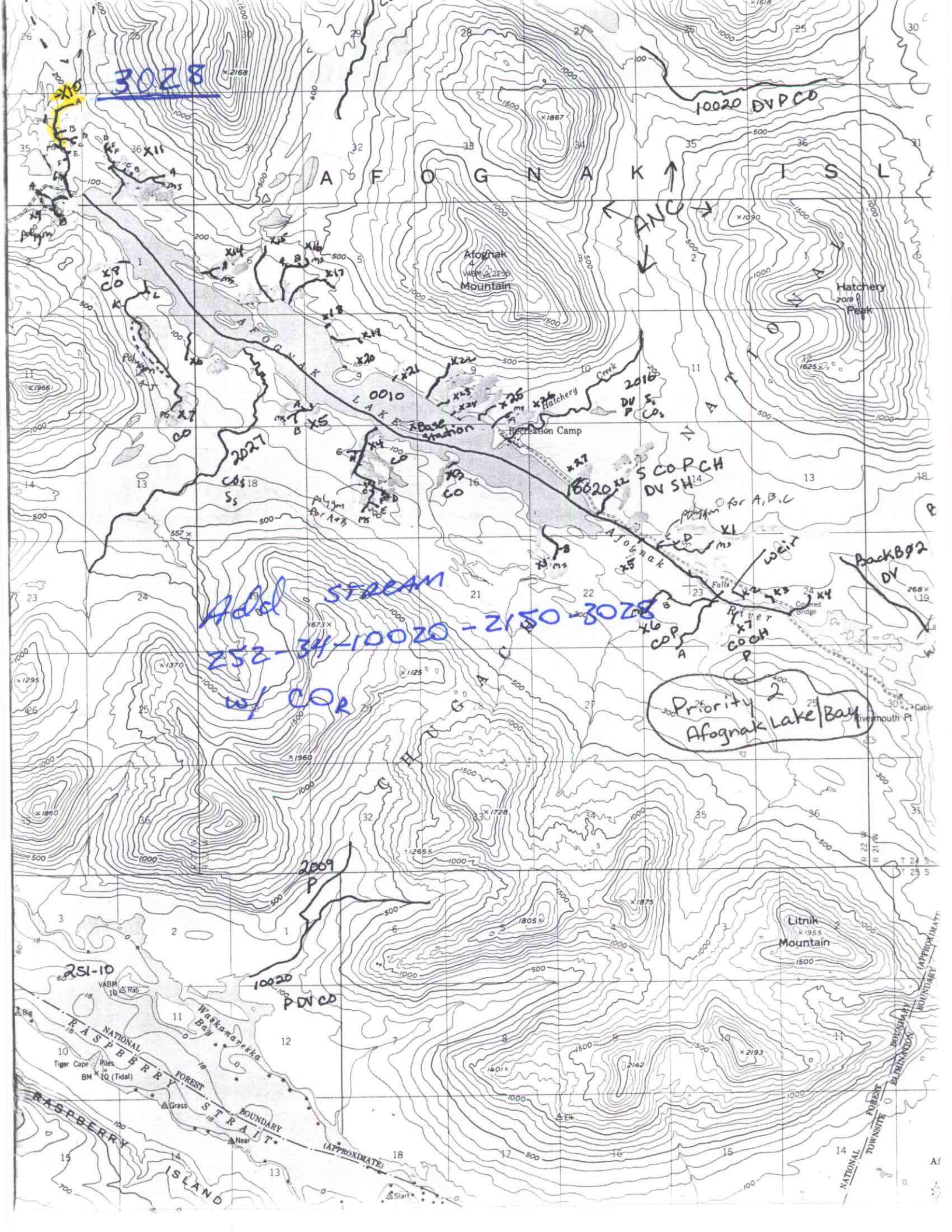


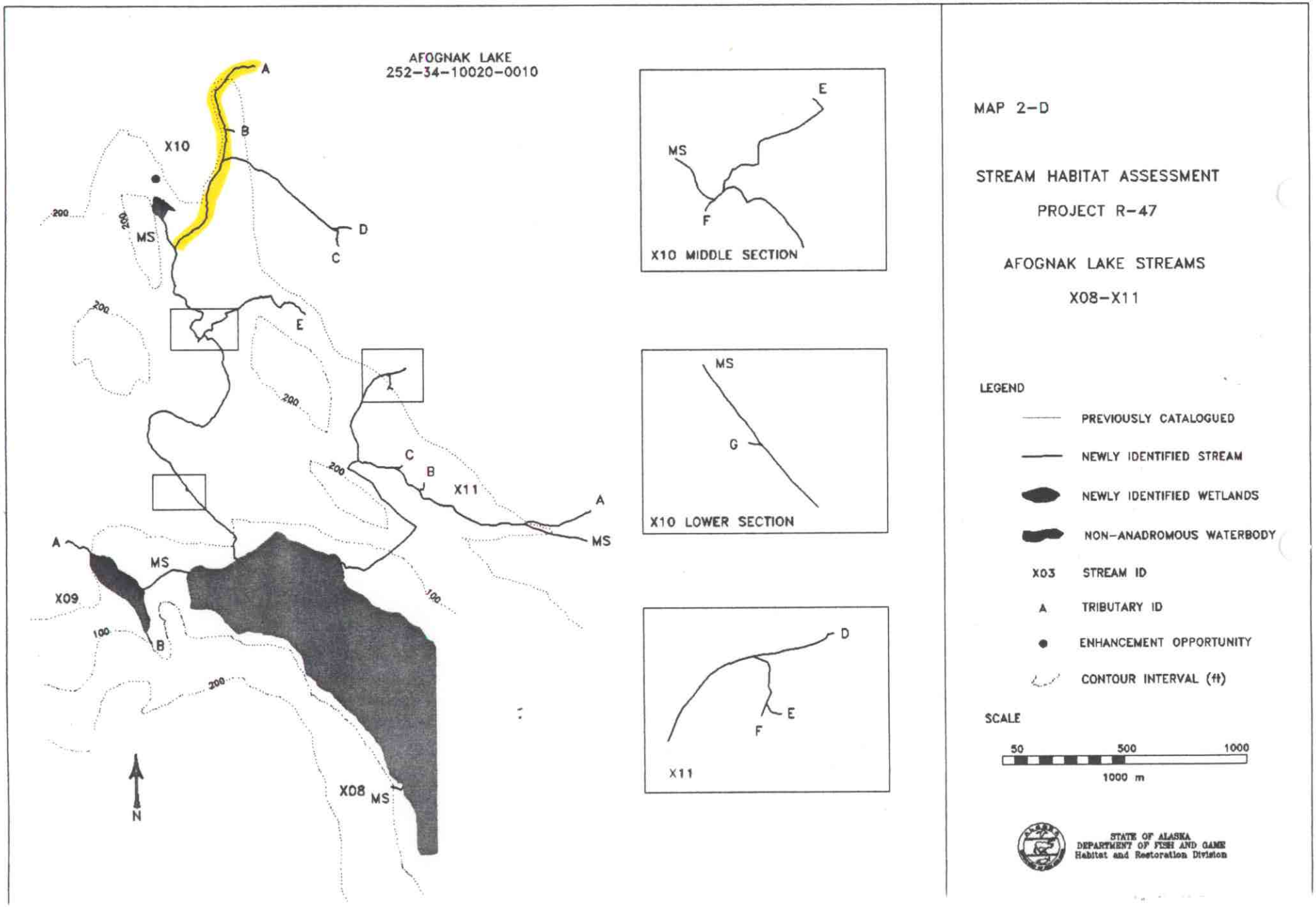
09 18.9
58 54.0
09 16.6
59.07
175-
9 15.1
59 16.1
8 47
59 20.9
58 9 17.5
152 59 10.6
157-160 bul
842.5
59 11.6
8 44.7
59 21.5
843.3
59 03.1
#209
8 27.1
59 14.4
813.0
59 15.5
8 12.9 59 14.4
8 3.4 59 4.5

X10



10010
CO DV Ps
3028
4024
5035
4020
3018
3021
3027
3031
3041
2148
2150
CO DV Ps
10020
A F O G N A K
Afognak Mountain
0010
DV
COs
Ps
Ss
Hatchery Creek
2016
Recreation Camp
COs Ss
2027
COs
Ss
CO
COs
SHs
CHs
(AFOGNAK A-4)
T 23 S
T 24 S


3028
10020 DVPCO
AFOGNAK ISL
ANC
Afognak Mountain
Hatchery Peak
AFOGNAK LAKE
Hatchery Creek
Recreation Camp
Base Station
0010
2016
2027
16020
S COPCH
DV SH
Afognak River
Falls
Covered Bridge
weir
Back B02
DV
Add STREAM
252-34-10020-2150-3028
w/ COR
Priority 2
Afognak Lake/Bay
Rivermouth Pt
CHUGACH
2009
P
10020
PDVCO
Litnik Mountain
251-10
Waskanareska Bay
RASPBERRY STRAIT
RASPBERRY ISLAND
NATIONAL FOREST BOUNDARY (APPROXIMATE)
Tiger Cape
Piles
Grass
Near
Start
Elk
Big
Rab
NATIONAL FOREST BOUNDARY (APPROXIMATE)
TOWNSITE ELIMINATION BOUNDARY


AFOGNAK LAKE
252-34-10020-0010
X10
X11
X09
X08
A
B
C
D
E
F
G
MS
200
100
N
X10 MIDDLE SECTION
X10 LOWER SECTION
X11
MAP 2-D
STREAM HABITAT ASSESSMENT
PROJECT R-47
AFOGNAK LAKE STREAMS
X08-X11
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
1000 m
STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
Habitat and Restoration Division