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

251-30-10010-50-15 (mainstem)

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 251-30-10010-2058

Name of Waterway South Fork, Long Lagoon creek USGS name ___ Local name +

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 130		
Revision Year: 93		
Revision to: Atlas ___ Catalog ___ Both X		
Revision Code: A-2		
	Regional Supervisor	11/3/92 Date
	Ed Weiss	12/20/92
	Drafted	1/12/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho salmon			+		+
pink salmon		+			+
Dolly Varden			+		
Rainbow Trout			+		

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, Swift stream with numerous pools. No obvious barrier to adults. A five foot falls occurs sixty meters above upper extent. Adult coho could jump the falls. Shocked Three pools above the falls and every available pool between upper extent and falls capturing Dolly Varden and rainbow Trout but no coho. We shocked 1 m² for 10 seconds at the upper extent station capturing one juvenile coho. See final report for detailed narrative and map.

Name of Observer (please print) Katrin Sundet, Nancy Magnus, 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 1: STREAM

ver 062692.0

STREAM#: 251 30 10010 So DATE: 8/25/92

STREAM NAME: South Fork

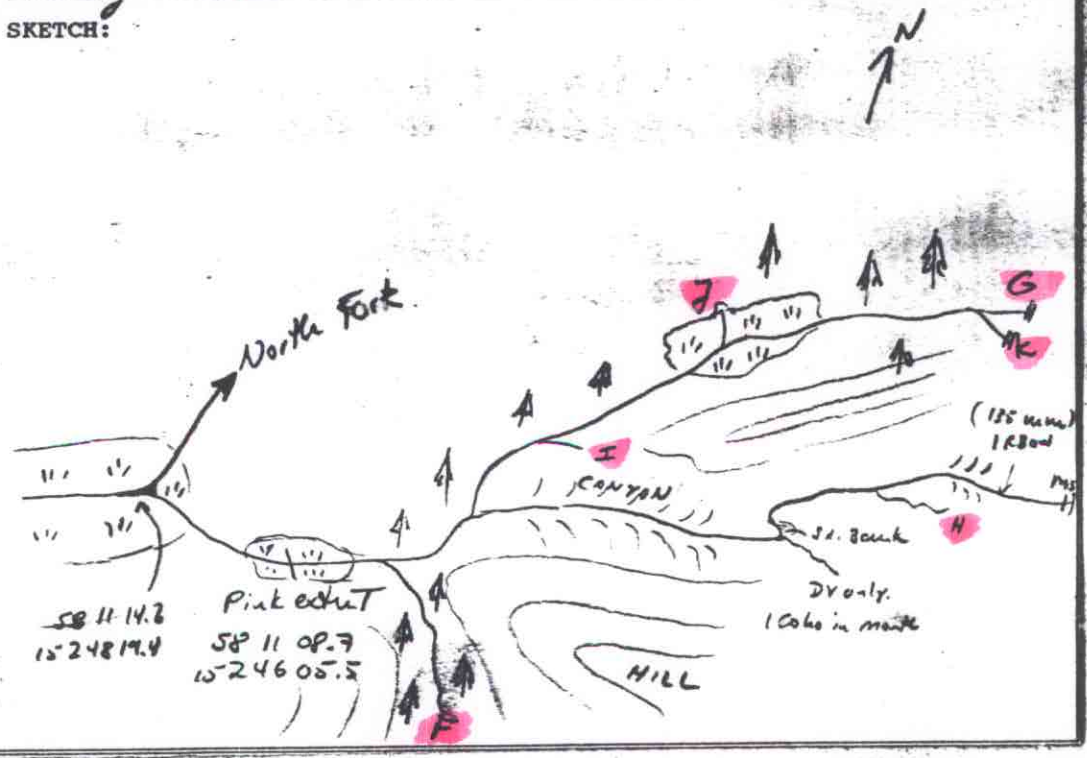
LOCATION: Paramanof Bay, Long Lagoon,

MOUTH-LATITUDE: 58 11 14.2 MOUTH-LONGITUDE: 152 48 19.4

TEAM: BFMS STAGE: H__ M ✓ L__

COMMENTS: Paramanof Bay's Long Lagoon Stream splits into 2 equally sized North and South forks, which were treated as separate streams. Due to the complexity of the Long Lagoon System and time constraints we surveyed the N and S forks, which are nearest the Marker Bay clear-cuts.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251 30 10010 South F) SECTION: MS

DATE: 8/27/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 11 14.2 START LON: 152 48 19.4

END LAT: 58 10 53.5 END LON: 152 46 48.6

LENGTH (m): ___ WIDTH (m): 3 GRADIENT (%): 3

BANK TYPE: VEG, CUT STREAM DEBRIS: BO, WOOD

BANK VEGETATION: Ferns, Devils Club, Spruce

STREAM SUBSTRATE: GR SA CO BO 3E

BANK SUBSTRATE: CO VE

CHARACTER: Swift stream with numerous ~~falls~~ pools, no obvious barrier to adults (5' fall ~ 60 m above extent). Spawning habitat.

COMMENTS:

Found 1 135mm Rainbow within 30 m upstream of Coho extent. Adult Coho could jump the 5' fall above. Shocked 3 pools above falls, and every available pool between extent and falls, found DV's and one Rainbow.

GPS FILENAME: A082823D, F TOTAL BARRIER? Y ___ N ✓

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

SKETCH: cond 4
50°F
1 Coho ≈ 50mm
Roll 6, 36
10
1m2

#1

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#: 251 30 10010 80 SECTION: MS

STATION: 1 DATE: 8/27/92 GPS-ID: A0828Z3D, F FIX: –

STATION-LAT: 58 10 53.5 STATION-LON: 152 46 48.6

GEAR: ES TIME-INT: 10 TIME-UNIT: sec

CONDUCT: 4 AREA SHOCKED (sqm): 1

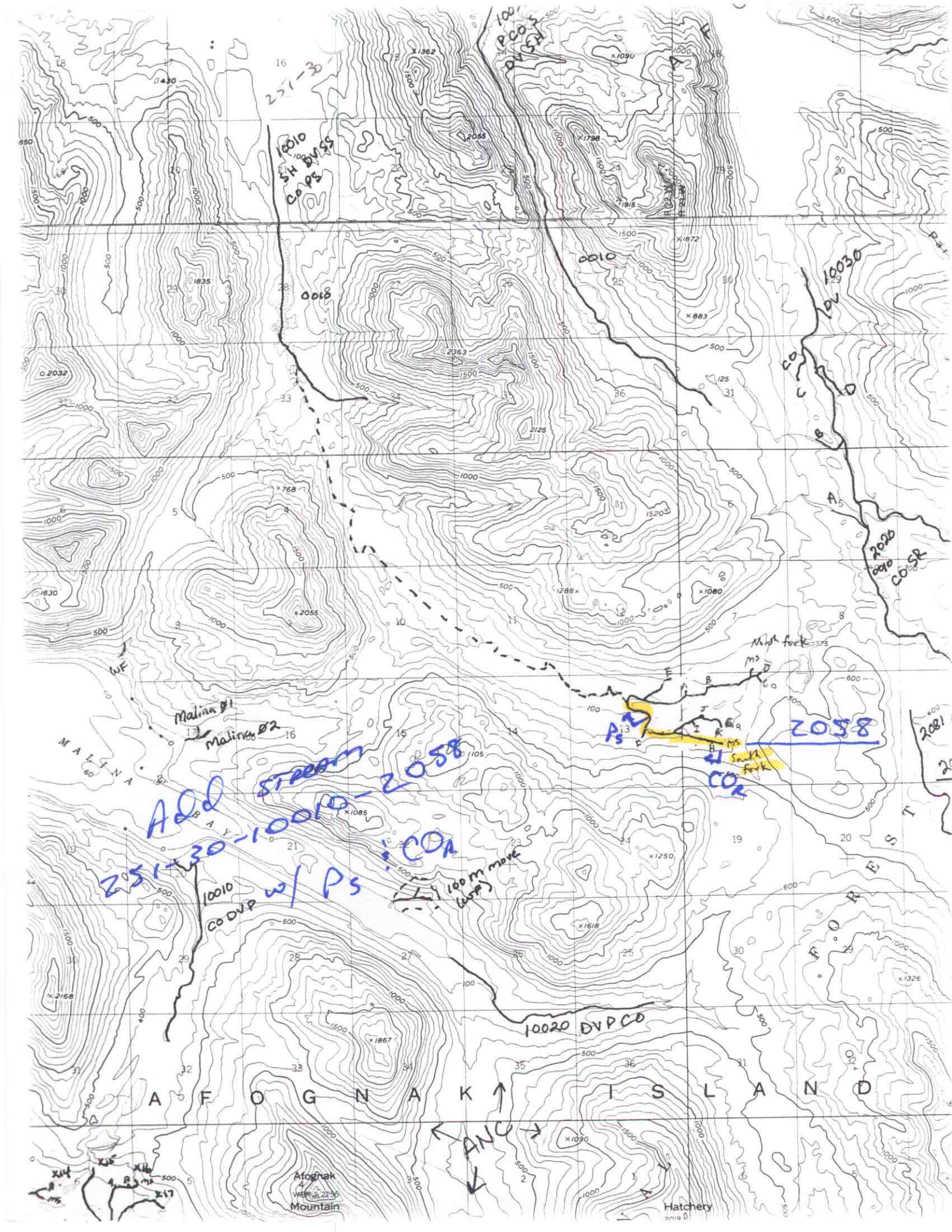
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	juv	1	30

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



251-30
10010 SH DVSS CO PS
PCOS DVSH
0010
0018
10030 DV
CO
2020 0010 CO SR
Malina Ø1
Malina Ø2
WF
MALINA BAY
Add STREAM
251-30-10010-2058
CO R
w/ Ps
100 m move (WP)
10010 CO DVP
Ps
2058
South fork
CO R
North fork
10020 DVP CO
AFOGNAK ISLAND
FOREST
ANC
Afognak Mountain
Hatchery