ALASKA DEPT. OF FISH & GAME

OCT 16 1992

REGION II HABITAT DIVISION

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

251-30-10010-MS (a stem)

AWC Volume SE SC (SW) W AR IN USGS Quad Afognak (A-3) Alaska

Anadromous Water Catalog Number of Waterway 251-30-10010

Name of Waterway North Fork, Long Lagoon Creek USGS name ___ Local name +

Addition + Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 124	[signature] Regional Supervisor	11/3/92 Date
Revision Year: '93	Ed Weiss	12/30/92
Revision to: Atlas ___ Catalog ___ Both X	[signature] Drafted	1/12/93 Date
Revision Code: A-1		

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Sockeye salmon	8-25-92	+			+
Pink salmon	8-25-92	+			+
Coho salmon	8-25-92		+		+
Dolly varden	8-25-92		+		

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:

Two meters in width at the upper extent. No obvious barriers. Sockeye and pink salmon heads found throughout lower section. Good spawning and rearing. We shocked 2.5 m^2 for 5 seconds at the upper extent station capturing one coho fry. See final report for detailed narrative and maps.

Name of Observer (please print) Katrin Sundet, Nancy Magnus, Mark Fink, Jeff Bernhart

Date: 9-28-92 Signature: Jeff Bernhart

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 NO DATE: 8/25/92

STREAM NAME: NORTH FORK / Long Lagoon Creek

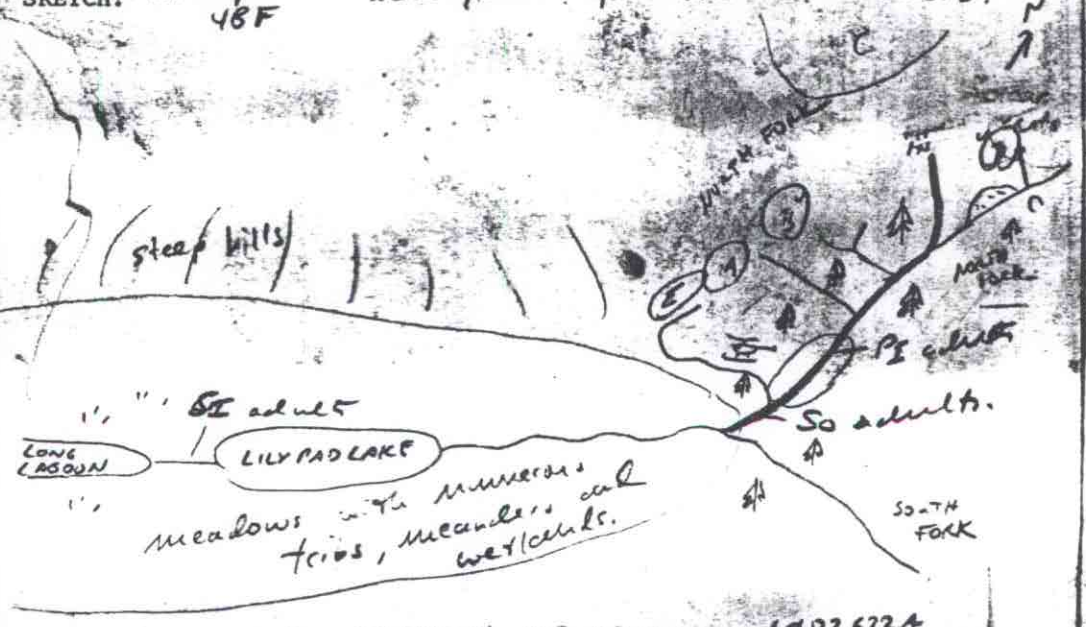
LOCATION: PARAMANOF BAY, LONG LAGOON, NORTH FORK

MOUTH-LATITUDE: _____ MOUTH-LONGITUDE: _____

TEAM: BF WMG STAGE: H__ M ✓ L__

COMMENTS: Paramanof Bay's Long Lagoon Stream splits into two equally sized North and South forks. We treated each fork as a separate stream. Due to the size and complexity of the Long Lagoon system and time constraints, we surveyed the easternmost extent, which is within .5 miles of the Marka Lake clear cuts. Sockeye + Pink Salmon heads were found up to 200 m above trib. B.

SKETCH: cond 4 48F



Mouth: 58 14 10.4, 152 53 00.6 A082622A

FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 25 1 32 10010 North) SECTION: MS

DATE: 8/25/92 METHOD: Foot DIREC: UP ✓ DOWN ___

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

END LAT: - - 38.1 END LON: - - 20.4

LENGTH (m): 24 WIDTH (m): 2 GRADIENT (%): 4

BANK TYPE: veg, cut STREAM DEBRIS: wood, Bo

BANK VEGETATION: Alder, Devils club, Spruce, Ferns

STREAM SUBSTRATE: GR CO BO

BANK SUBSTRATE: GR VE

CHARACTER: swift section with numerous 1-2' falls, several deep pools. No obvious barrier.

COMMENTS: Spawning gravel in pools between the falls. Very similar in character to trib C but we found only 1 Coho after ~100 m of extensive shocking. Observed 4 to 1 of 9 DV. Adults could jump the 1-2' falls easily. Sockeye and Pink Salmon heads found up ± 200 m N of trib B(58

GPS FILENAME: AQ82622A, B TOTAL BARRIER? Y ___ N ✓

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

SKETCH: Rolls #23
48°F
Cwe 4
5 sec
2.5 m2
1 Coho

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 NO SECTION: MS

STATION: 1 DATE: 8/25/92 GPS-ID: AQ826224,B FIX: —

STATION-LAT: GPS - file STATION-LON: GPS - file

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

CONDUCT: 4 AREA SHOCKED (sqm): 2.5

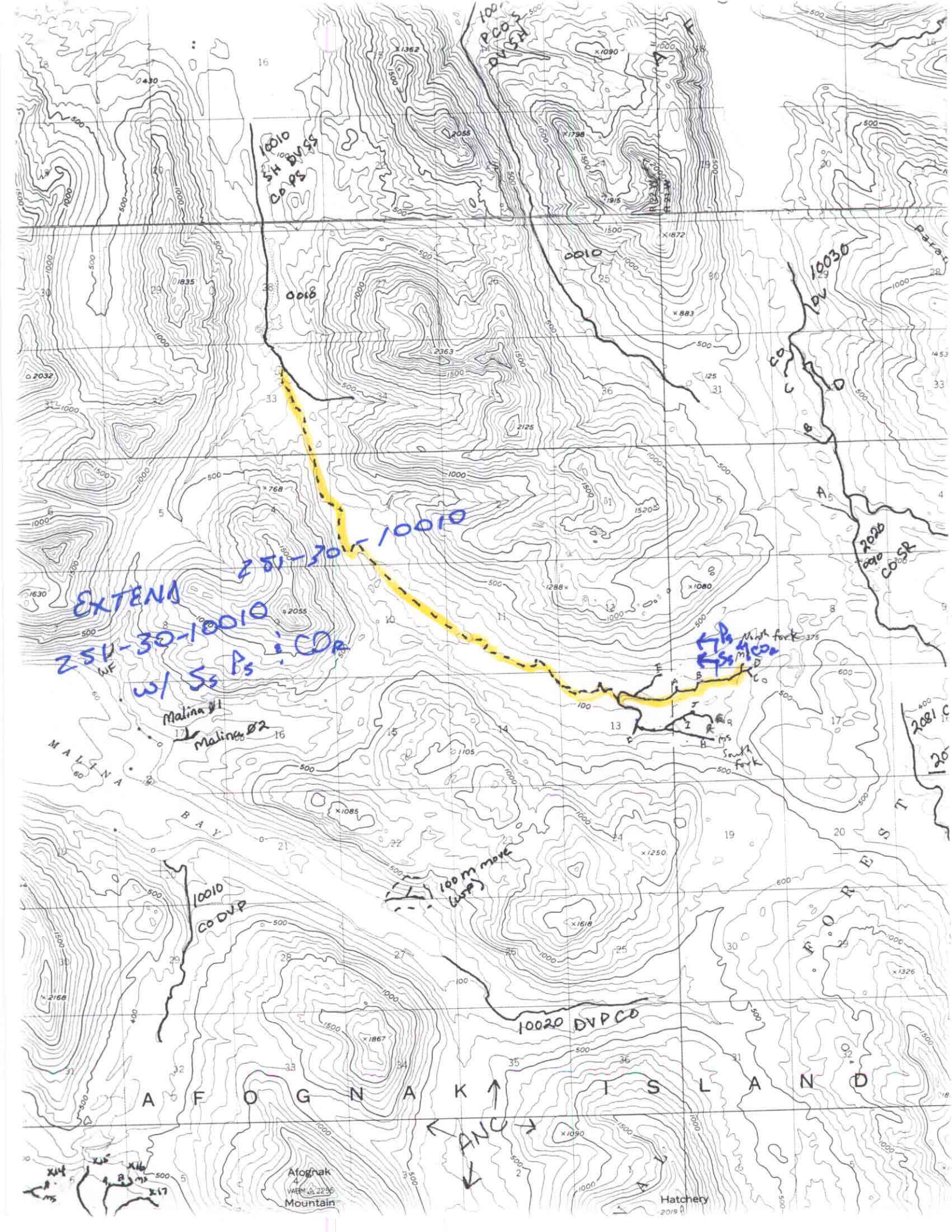
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	—

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



EXTEND
ZSU-30-10010
w/ Ss Ps & CO
ZSU-30-10010
10010
SH DVSS
CO PS
PCO S
DV SH
0010
0018
10030
DV
CO
2020
0010
CO SR
Ps
Ss
CO
North fork
South fork
Malina #1
Malina #2
MALINA BAY
10010
CO DVP
100 m move
(WP)
10020 DVP CO
AFOGNAK ISLAND
FOREST
ANC
Afognak
Mountain
Hatchery