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

251-20-Malin 01

ALASKA DEPT. OF FISH & GAME
OCT 15 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 251-20-10023

Name of Waterway Big Bear Foot Creek USGS name ____ Local name +

Addition + Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination #	93 121		11/3/92
Revision Year:	-93	Regional Supervisor	Date
Revision to: Atlas ____ Catalog ____		Ed Weiss	12/30/92
Both X			
Revision Code:	A-2	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink salmon	8-30-92	X			+
Coho	8-30-92		+		+
Dolly Varden	8-30-92		+		

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. Electroshocked a total of two coho, each 70 mm in length, in this stream. Observed adult pink salmon just below a two foot falls which is a barrier to juvenile coho. We electroshocked 100 yards upstream of the two foot falls capturing a total of twelve Dolly Varden. See final report for detailed narrative and map.

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

Date: 10-5-92 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 20 MALIN 01 DATE: 8/30/92

STREAM NAME: Big Bear Foot creek

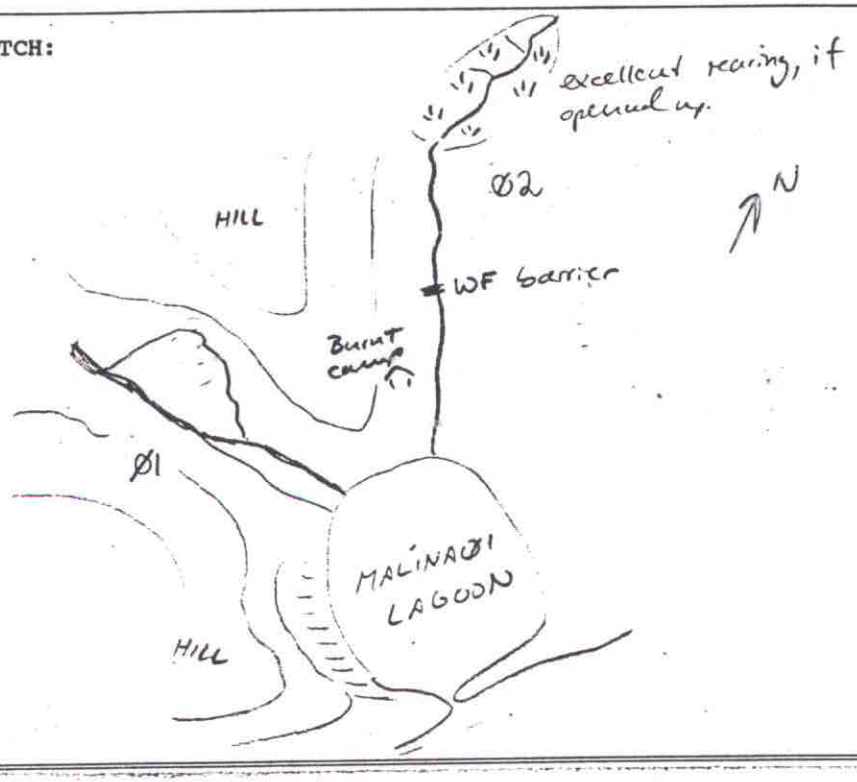
LOCATION: MALINA BAY

MOUTH-LATITUDE: 58 11 05.1 MOUTH-LONGITUDE: 152 54 25.5

TEAM: BFMS STAGE: H__ M ✓ L__

COMMENTS: Stream joins a common lagoon with Malina 02.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.C

STREAM#: 251 20 MALIN Ø1 SECTION: MS

DATE: 8/30/92 METHOD: FOST DIREC: UP ✓ DOWN ___

START LAT: 58 11 04.9 START LON: 152 54 24.330

END LAT: 58 11 09.3 END LON: 152 54 16.5

LENGTH (m): 211 WIDTH (m): 2 GRADIENT (%): 6

BANK TYPE: INCISED, VEG STREAM DEBRIS: BO, BRANCHES

BANK VEGETATION: Devils Club, Spruce, Salmonberry

STREAM SUBSTRATE: CO GR BE BO

BANK SUBSTRATE: BE GR

CHARACTER: swift stream running over bedrock + boulders, terminated by 2ft falls

COMMENTS: Observed adult pink just below falls, and total of 2 ~70mm Coho below. Shocked each available pool for ~100 yds above extent + found total of 12 DV. Fall is not a barrier to adult Coho. Joins lagoon

GPS FILENAME: AØ3Ø23A TOTAL BARRIER? Y ___ N ✓

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

SKETCH: Roll 7, #10 Cond 8

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 20 MALIN 01 SECTION: MS

STATION: 1 DATE: 8/30/92 GPS-ID: A03023A FIX:

STATION-LAT: 58 11 09 3 STATION-LON: 152 54 16.5

GEAR: ES TIME-INT: 3 TIME-UNIT: sec

CONDUCT: 8 AREA SHOCKED (sqm): 1

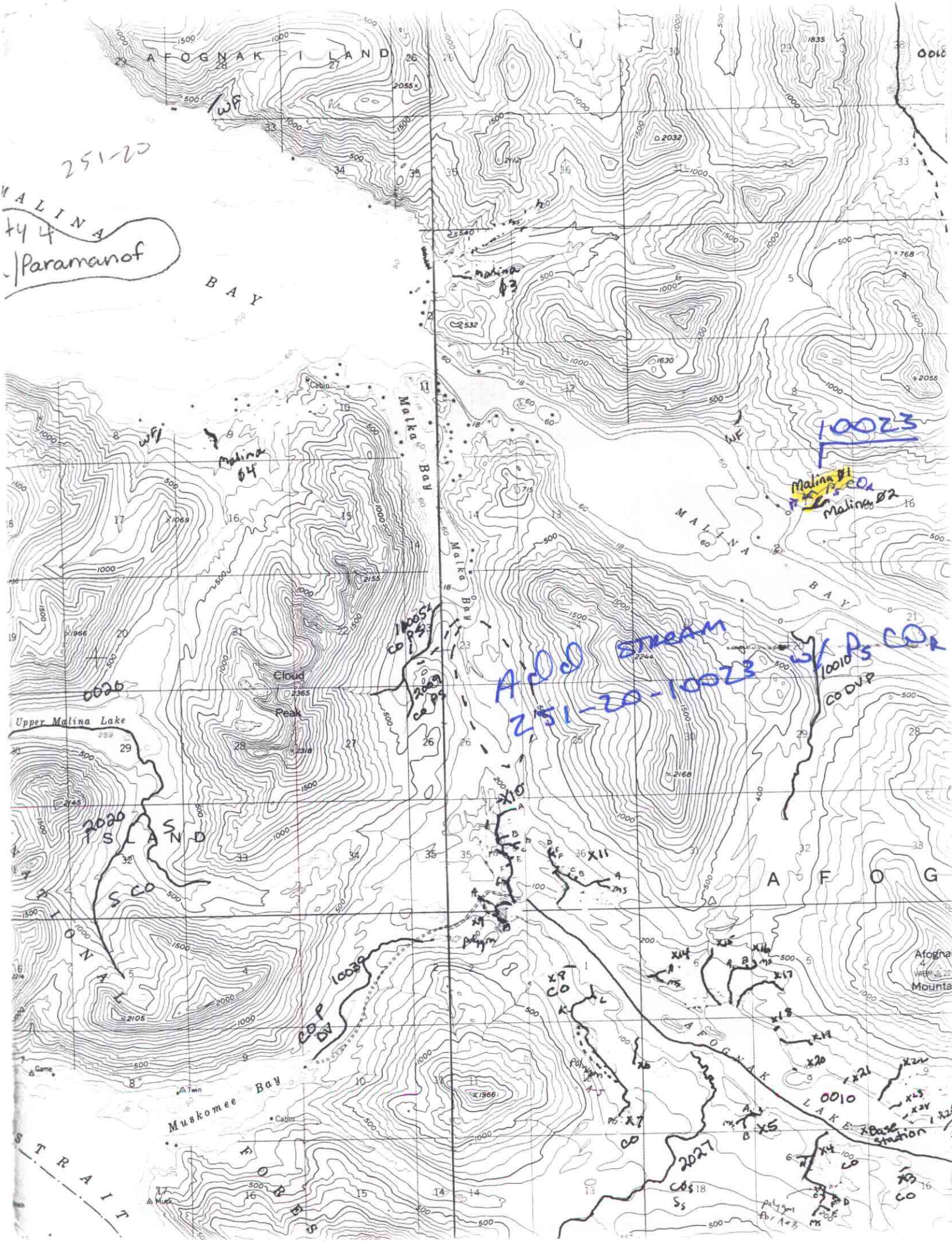
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	
Pink Salmon	adult	1	

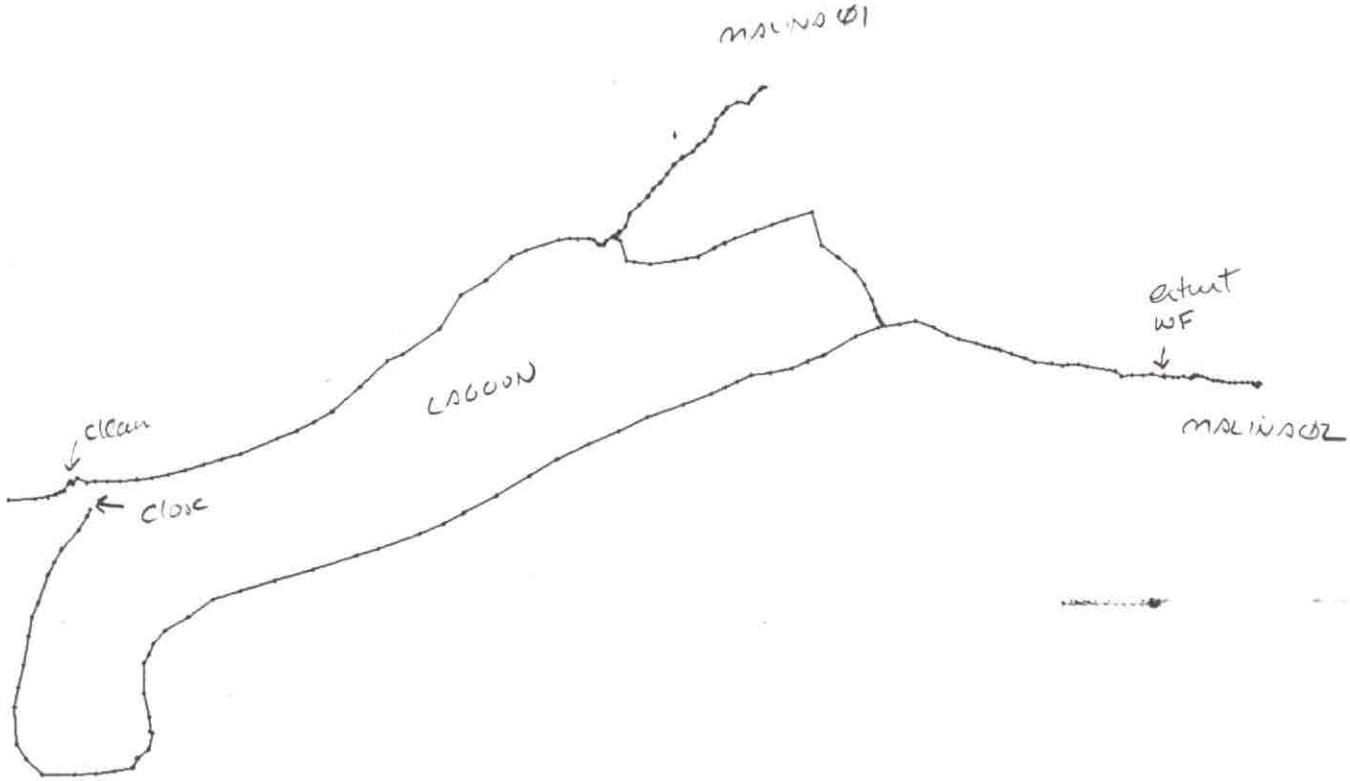
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



AFOGNAK ISLAND
MALINA BAY
Malka Bay
Cloud Peak
Upper Malina Lake
ISLAND
NATIONAL
Muskomee Bay
STRAIT
AFOGNAK LAKE
Afognak Mountain
Cabin
Game
Twin
Musk
Malina Ø3
Malina Ø4
Malina Ø1
Malina Ø2
10023
10010
CO DVP
10039
2020
2027
0020
0010
Base station
Add STREAM
251-20-10023 w/ Ps CO
251-20
Paramanof


MALINA 01
LAGOON
clean
close
effluent
WF
MALINA 02