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

251-20-Malin 02

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 251-20-10023-2006

Name of Waterway Magnus creek USGS name ____ Local name ✓

Addition ✓ Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination #	93 120		
Revision Year:	'93	Regional Supervisor	11/3/92 Date
Revision to: Atlas ____ Catalog ____ Both X		Ed Weiss	12/30/92
Revision Code:	A-2	Drafted	1/12/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho salmon	8-30-92		✓		✓
pink salmon	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:

Stream width is four meters. Observed coho fry and adult pink salmon as we proceeded upstream through this section. A three foot falls located at the upper extent station is a barrier to adults. Approximately 50 meters above the falls the stream enters a meadow with deep, calm pools and numerous tributaries that would offer excellent rearing habitat for coho. We shocked in the meadow locating adult Dolly varden in spawning colors. See final report for detailed narrative and map. We shocked 1m² for 2 seconds at the upper extent station capturing one coho fry.

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

ver 062692.0

STREAM#: 251 20 MALIN Ø2 DATE: 8/30/92

STREAM NAME: Magnus creek

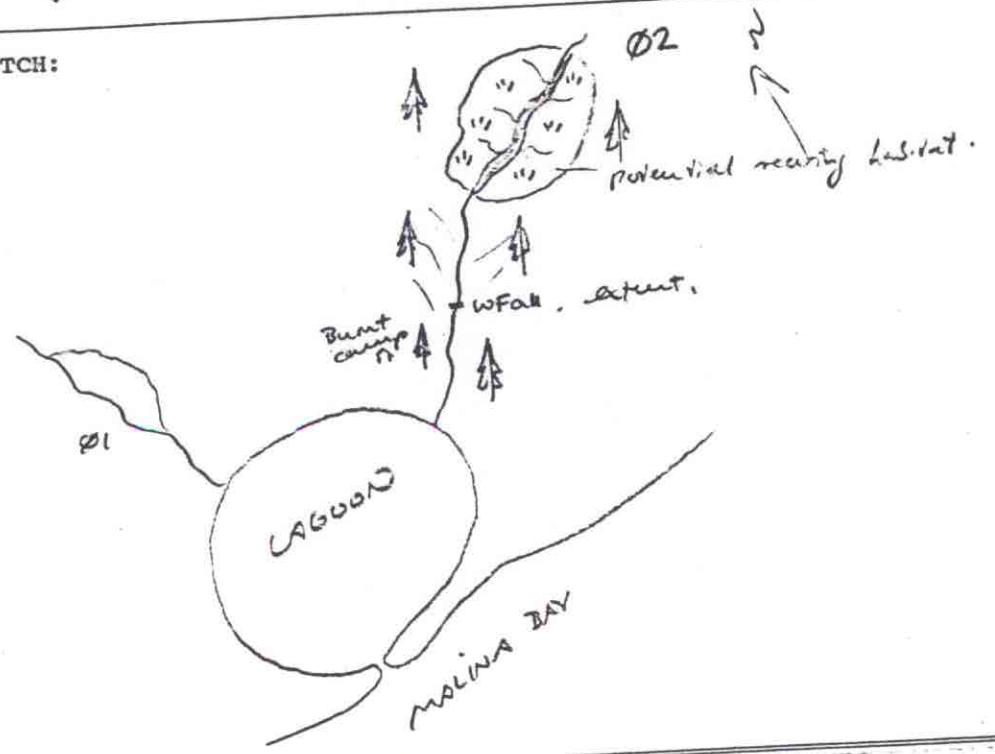
LOCATION: MALINA BAY

MOUTH-LATITUDE: 58 11 04.0 MOUTH-LONGITUDE: 152 54 12.8

TEAM: BFMS STAGE: H__ M✓ L__

COMMENTS: Stream joins a common lagoon with MALIN Ø1. A waterfall is a barrier to adults - ~ 50 m above the falls the stream enters a meadow with deep, calm pools and numerous tributaries that would offer excellent rearing habitat for Coho.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 25120 MALIN. Ø2 SECTION: MS

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

START LAT: 58 11 04.Ø START LON: 152 54 12.8

END LAT: 58 11 00.2 END LON: 152 53 57.6

LENGTH (m): 285 WIDTH (m): 4 GRADIENT (%): 2

BANK TYPE: veg, INCISED STREAM DEBRIS: BO

BANK VEGETATION: Devils Club, Spruce, Salmonberry

STREAM SUBSTRATE: BE ~~BO~~ GR BO

BANK SUBSTRATE: BE

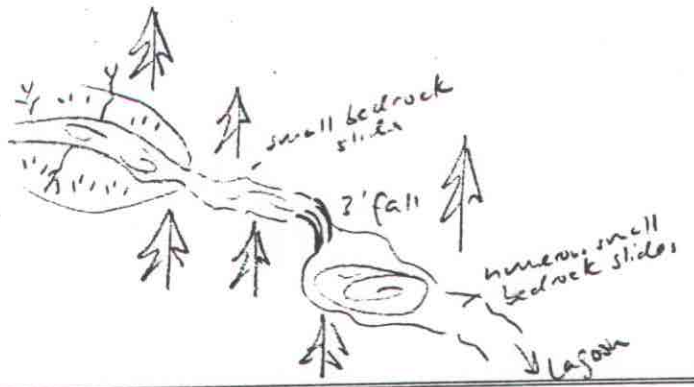
CHARACTER: Swift stream with bedrock pools, extent terminated by 3ft high-volume fall, joins lagoon below.

COMMENTS: Aside from the 3 foot fall there are no barriers. Shortly above the falls, stream enters a large flat meadow with many tribs. This would be excellent Coho rearing habitat. Shocked in meadow + found 195 and 205 mm DV in spawning colors. Numerous pink carcasses along lower section of stream.

GPS FILENAME: AØ83Ø23A TOTAL BARRIER? Y ✓ N ___

STREAM TYPE: A ✓ B ___ C ___ IF BARRIER IS TOTAL, LAT: 58 11 00.2 LON: 152 53 57.6

SKETCH: Cond 9
Temp 5°
Roll 9, #11
1 Coho
Bearsign hanging



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#: 25120 MALIN CR SECTION: MS

STATION: 1 DATE: 8/30/92 GPS-ID: A0836 23A FIX:

STATION-LAT: 58 11 00.2 STATION-LON: 152 53 57.6

GEAR: ES TIME-INT: 2 TIME-UNIT: sec

CONDUCT: 9 AREA SHOCKED (sqm): 1

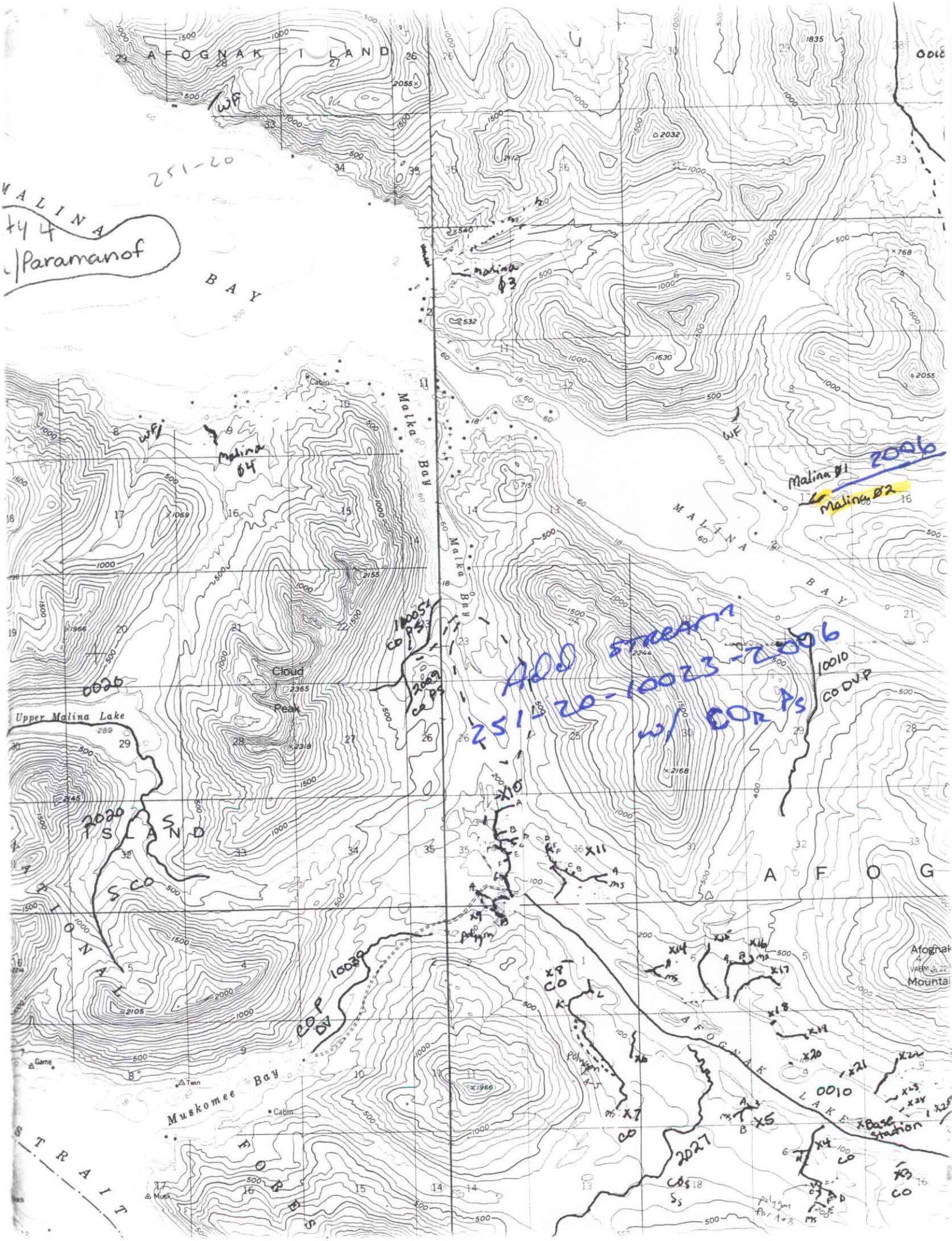
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	

WILDLIFE

SPECIES	COUNT	COMMENTS
Bear	-	tracks + freshly killed salmon

STATION COMMENTS:



AFOGNAK ISLAND
MALINA BAY
Malina Bay
Cloud Peak
Upper Malina Lake
Muskomee Bay
AFOGNAK LAKE
Afognak Mountain
Malina Ø1
Malina Ø2
Malina Ø3
Malina Ø4
2006
ADD STREAM
251-20-10023-2006
w/ COR PS
10010
CO DVP
10039
COP DV
2020
2027
0010
0020
Base Station