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

ALASKA DEPT. OF FISH & GAME

OCT 16 1992

REGION II HABITAT DIVISION

AWC Volume SE SC (SW) W AR IN USGS Quad Afognak (B-1), Alaska

Anadromous Water Catalog Number of Waterway 251-82-10080-2048-5

Name of Waterway Relief Creek USGS name ____ Local name X

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination #	93 167		11/3/92
Revision Year:	'93	Regional Supervisor	Date
Revision to: Atlas ____ Catalog ____ Both X		Ed Weiss	12/31/92
Revision Code:	A-2	Drafted	1/14/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho fry	7-12-92		X		X
Dolly Varden	7-12-92		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:

Coho fry observed throughout system. There is a seven foot high beaver dam at the outlet of the second lake providing a total barrier. One coho fry was captured by electroshocking at the base of the dam. Five other coho fry plus dolly varden were also observed at this station. Substrate consists of gravel, cobble and boulder. Bank vegetation is sitka spruce trees, devils club and berry plants. See copy of final report for narrative and map.

Name of Observer (please print) Katrin Sundot, Aimee Weseman, Mark Fink, Jeff Barnhart

Date: 8-11-92 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 82 10080-0020 x 5 DATE: 7/12/92

STREAM NAME: Relief Creek (uncat)

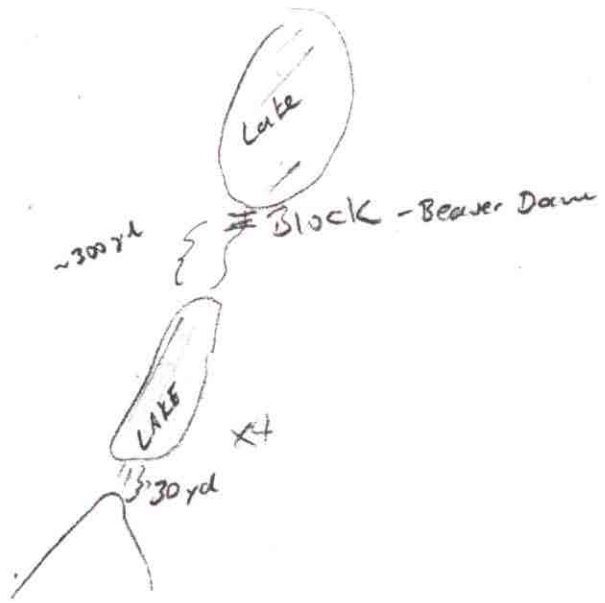
LOCATION: Laura Lake, South ~~5th Tab fr. South~~

M I-LATITUDE: 58 20 53.9 MOUTH-LONGITUDE: 152 19 02.0

TEAM: B F S W STAGE: H__ M ✓ L__

COMMENTS: walked up stream from 1st lake + found massive beaver dam at outlet of 2nd lake.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 157 B2 10080 10020 x5 SECTION: A

DATE: 7/12/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 20 44.8 START LON: 152 19 02.6

END LAT: 58 20 35.8 END LON: 152 19 10.3

LENGTH (m): 300 WIDTH (m): 2 GRADIENT (%): 2

BANK TYPE: Vegetated STREAM DEBRIS: Logs, Boulders

BANK VEGETATION: Devils Club, Spruce, berries

STREAM SUBSTRATE: GR CO BO

BANK SUBSTRATE: BO VE

CHARACTER: runs from 2nd lake outlet to 1st lake, ~ ~300m. Boulders + fallen logs provide pools.

COMMENTS: Blockage is 7 ft high Beaver dam at outlet of 2nd Lake.

GPS FILENAME: 7071222C

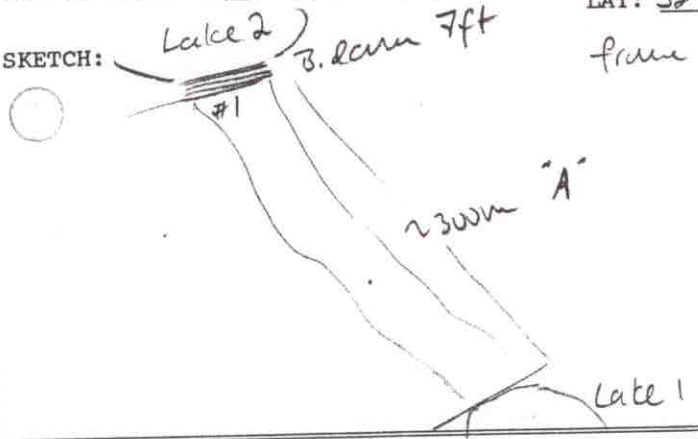
TOTAL BARRIER? Y ✓ N ___

STREAM TYPE: A ✓ B ___ C ___

IF BARRIER IS TOTAL, LAT: 58 20 35.8 LON: 152 19 10.3

frame 6, 92KS002

SKETCH:



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 82 10080 0020 x5 SECTION: A

STATION: 1 DATE: 7/12/92 GPS-ID: 7071222C FIX: 3D

STATION-LAT: 58 20 35.8 STATION-LON: 152 19 10.3

.R: ES TIME-INT: 5 TIME-UNIT: sec 300/30

CONDUCT: 10 AREA SHOCKED (sqm): 2

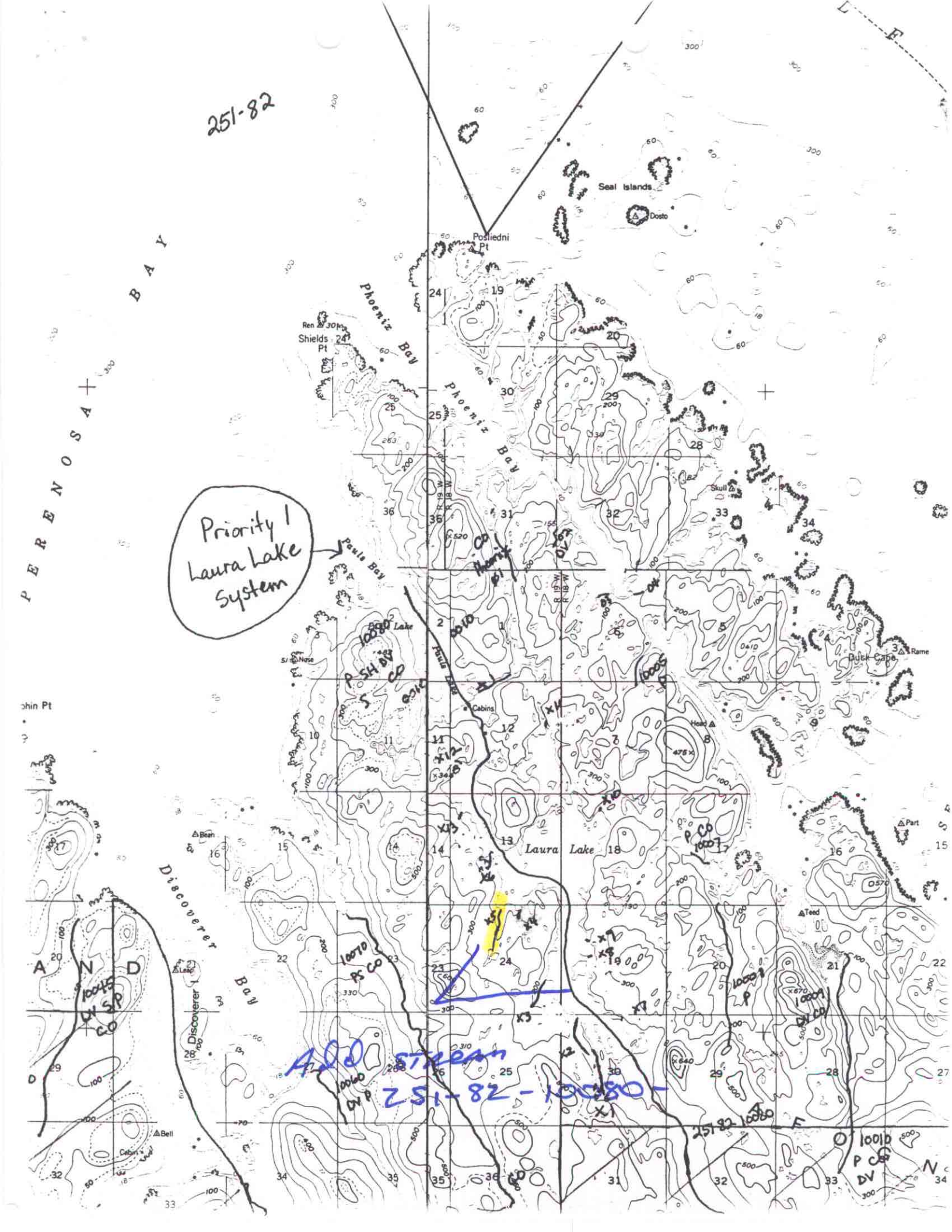
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	

WILDLIFE

SPECIES	COUNT	COMMENTS

S ION COMMENTS: During ES observed 5 Coho ~40mm. Dolly Varden observed.



251-82
Priority 1
Laura Lake
System
Seal Islands
Dosto
Posliedni
Pt
Phoenix Bay
Shields
Pt
Ren
PERENOSA BAY
Paula Bay
Paula Lake
Cabins
Skull
Dusk Cape
Rame
Head
Part
Teed
Laura Lake
Discoverer Bay
Discoverer I
Bean
Leap
Bell
Cabin
Nose
Add stream
251-82-10080-