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-2), Alaska

Anadromous Water Catalog Number of Waterway 251-50-10068

Name of Waterway HOLLOW CREEK USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 157		
Revision Year: '93	Regional Supervisor	11/3/92 Date
Revision to: Atlas ____ Catalog ____ Both X		
Revision Code: A-2	Drafted	1/14/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho fry	7-19-92		X		X
Dolly Varden	7-19-92		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:

Entire stream is at most 300 m long. Narrow rivulet, .3 meters in width with numerous feeder capillaries. Coho found in first pool of stream, Ten meters upstream of stream mouth. No visible barrier. Observed Twelve coho fry in this pool. Electroshocking 1m² for 10 seconds produced one coho fry. Shocking four more pools upstream produced only Dolly Varden. See final report for detailed narrative and map.

Name of Observer (please print) Katrin Sundet, 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 SU STRAIT 02 DATE: 7/19/92

STREAM NAME: —

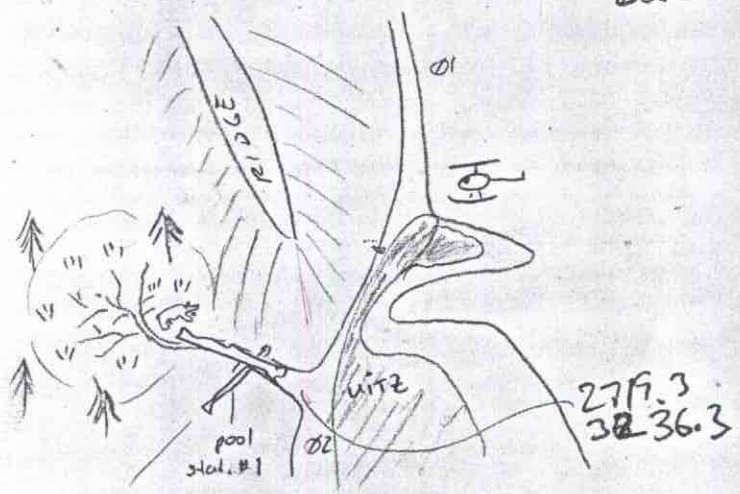
LOCATION: Shuyak Strait

MOUTH-LATITUDE: 58 27 19.3 MOUTH-LONGITUDE: 152 32 36.3

TEAM: BFSW STAGE: H__ M✓ L__

COMMENTS: no Coho found above 10 m from mouth. Entire stream is at most 300 m long; Drainage consist of numerous feeder capillaries and is frequented by bears (observed numerous Bear sign)

SKETCH: Base = BEN



19.5
33.8 Frame 33 up
34 down

Show 32 was strait 01 better

FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251 50 STRAIT 02 SECTION: A

DATE: 7/19/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 27 19.3 START LON: 152 32 36.3

END LAT: – END LON: –

LENGTH (m): 10 WIDTH (m): .3 GRADIENT (%): 4

BANK TYPE: FLAT, VE STREAM DEBRIS: ___

BANK VEGETATION: ~~VE~~ Spruce, Devils Club, Grass

STREAM SUBSTRATE: GR SI

BANK SUBSTRATE: VE

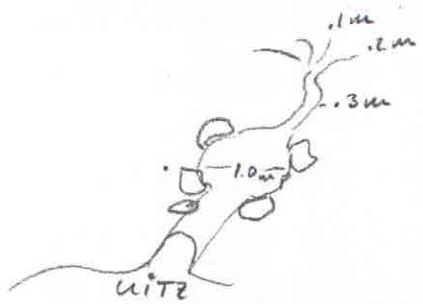
CHARACTER: marrow trickle, fish found in 1st pool under log. no visible barrier. ~~Above, fans out into marrow feeder capillaries.~~ use GIS for upper extent.

COMMENTS: ___

GPS FILENAME: A072022 B TOTAL BARRIER? Y ___ N ✓

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

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 50 STRAIT DR SECTION: A

STATION: 1 DATE: 7/19/92 GPS-ID: FIX:

STATION-LAT: STATION-LON:

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

CONDUCT: 17 AREA SHOCKED (sqm): 1

FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	

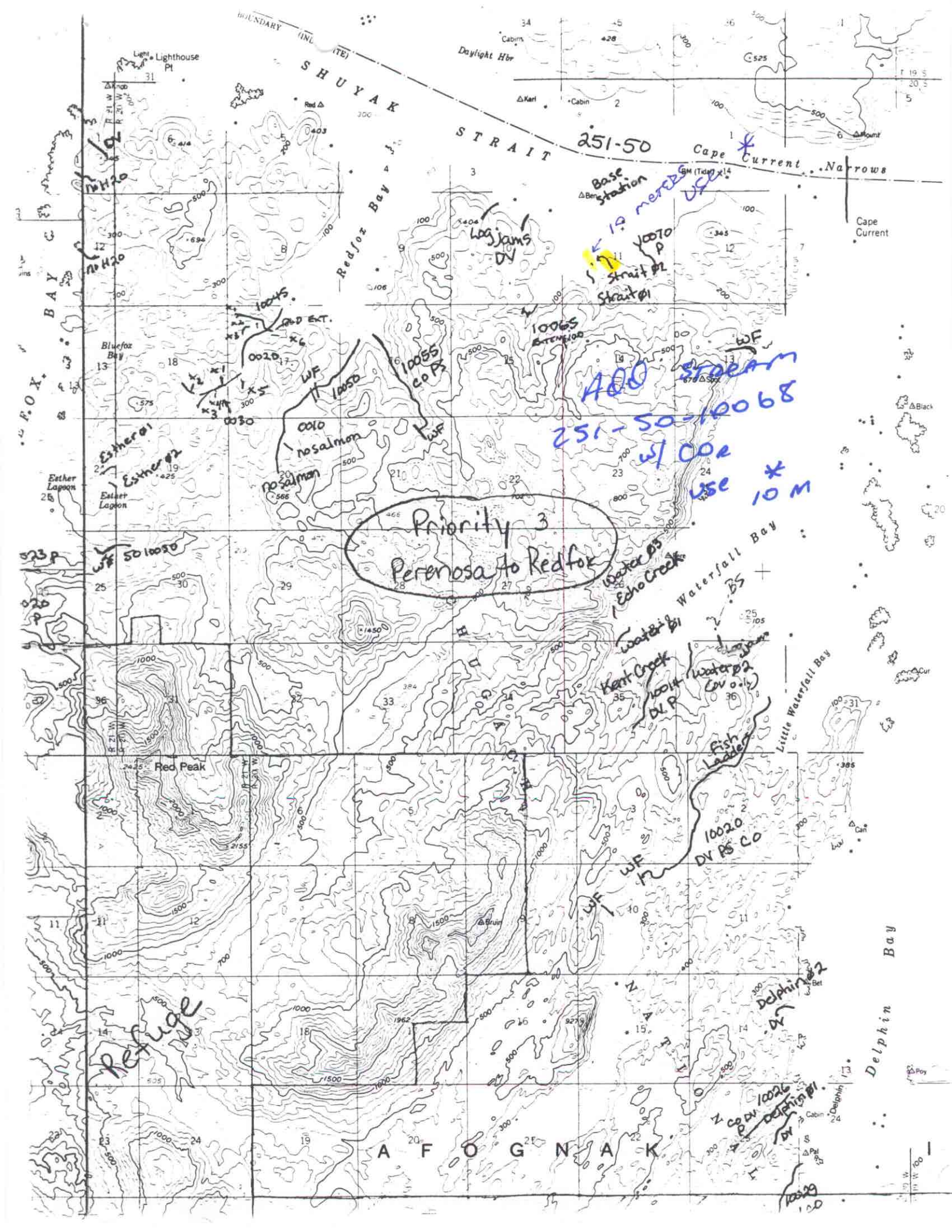
WILDLIFE

SPECIES	COUNT	COMMENTS
Bear		SIGN.

STATION COMMENTS:

observed 12 Coho fry in pool. Only DV's found above in 4 more pools.

510 ft



SHUYAK STRAIT
Lighthouse Pt
Daylight Hbr
Cape Current Narrows
Cape Current
Redfox Bay
Bluefox Bay
Esther Lagoon
Esther Lagoon
Red Peak
Waterfall Bay
Little Waterfall Bay
Delphin Bay
AFOGNAK
Refuge
251-50
Base station
19 meters use
Log jams DV
10070 P
Strait #2
Strait #1
10065 extension
10045
0020
0030
10050
10055 CO PS
0010
no salmon
no salmon
WF
Esther #1
Esther #2
WF 50 10050
Priority 3
Perenosa to Redfox
Water #3
Echo Creek
Water #1
Kent Creek
10014 DV P
Water #2 (DV only)
Fish Ladder
10020 DV PS CO
Delphin #2
10026 CO DV P
Delphin #1
10029
ADD STREAM
251-50-10068
w/ COR
use
10 M