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 251-50-10045-2036

Name of Waterway _____ USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 152
Revision Year: -93
Revision to: Atlas ____ Catalog ____
Both X
Revision Code: A-2

Regional Supervisor — Date 11/31/92
Ed Weiss — 1/4/93
Drafted — Date 1/14/93

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho fry	7-20-92		+		+
Dolly varden	7-20-92		+		

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:

Numerous coho found throughout most of this tributary. One meter in width, it flows slowly, meandering through grassy meadow. At the upper extent station we shocked 1 m^2 for 5 seconds capturing four coho fry and three Dolly Varden fry. Shocking above this station produced only Dolly Varden. Although not a complete barrier, the stream narrows to less than .2m wide by 6-12 in in depth, subterranean in places. See copy of 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 50 10345 0020 x1 DATE: 7/10/92

STREAM NAME:

LOCATION: Redfox Bay

MOUTH-LATITUDE: MOUTH-LONGITUDE:

TE. . BFW'

STAGE: H__ M✓__ L__

COMMENTS: Numerous Ghost were found throughout the bottom portion of this tributary and in the connectin between lake 0020 and 0030.

PLEASE DO NOT ENTER THIS STREAM FORM - IT IS REDUNDANT. KEEP IN THE RECORDS.

SKETCH:

FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251 50 10045 0030 X1 SECTION: A

DATE: 7-20-92 METHOD: Foot DIREC: UP + DOWN ___

START LAT: _____ START LON: _____

END LAT: _____ END LON: _____

LENGTH (m): 269 WIDTH (m): 1 m GRADIENT (%): <1

BANK TYPE: vegetation, flat STREAM DEBRIS: woody

BANK VEGETATION: grasses, Iris, sedges, horsetail, Alaska cotton, Forget-me-nots

STREAM SUBSTRATE: Organics

BANK SUBSTRATE: vegetation, gravel, sand

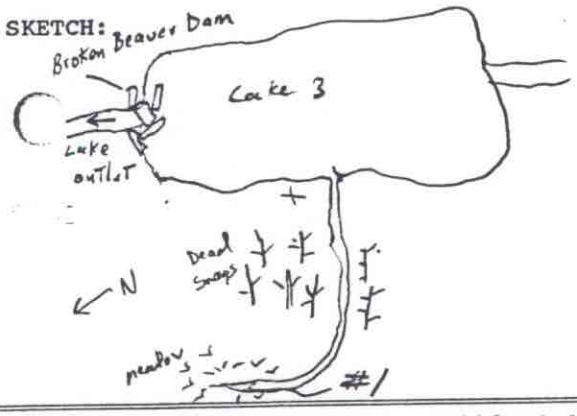
CHARACTER: slow meander through grassy meadow, narrow to .2m at upper extent.

COMMENTS: AT upper extent stream narrows to .2m wide by .2m in depth. Some places it is subterranean. Appox 15m above station we shocked 2 Dv fry but no coho. 1 Plover and 2 Sandpipers at lake inlet.

GPS FILENAME: A07300ABC TOTAL BARRIER? Y ___ N X

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#: 2750 10045 0030 x1 SECTION: 4

STATION: 1 DATE: 7-20-92 GPS-ID: AX073103 FIX: _____

STATION-LAT: _____ STATION-LON: _____

CR: ES TIME-INT: 5 TIME-UNIT: Sec

CONDUCT: 29 AREA SHOCKED (sqm): 1

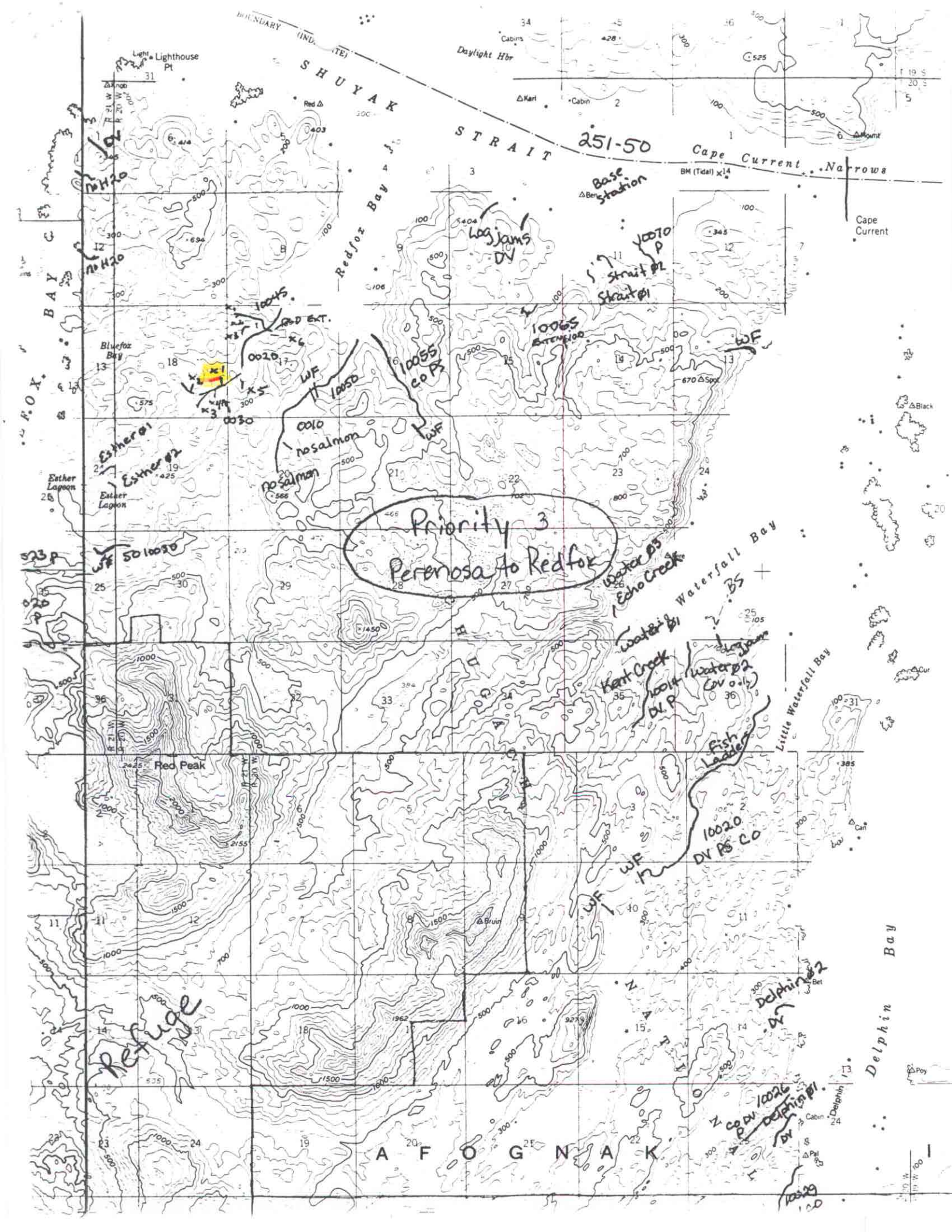
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	Fry	4	40
DV	Fry	3	30

WILDLIFE

SPECIES	COUNT	COMMENTS

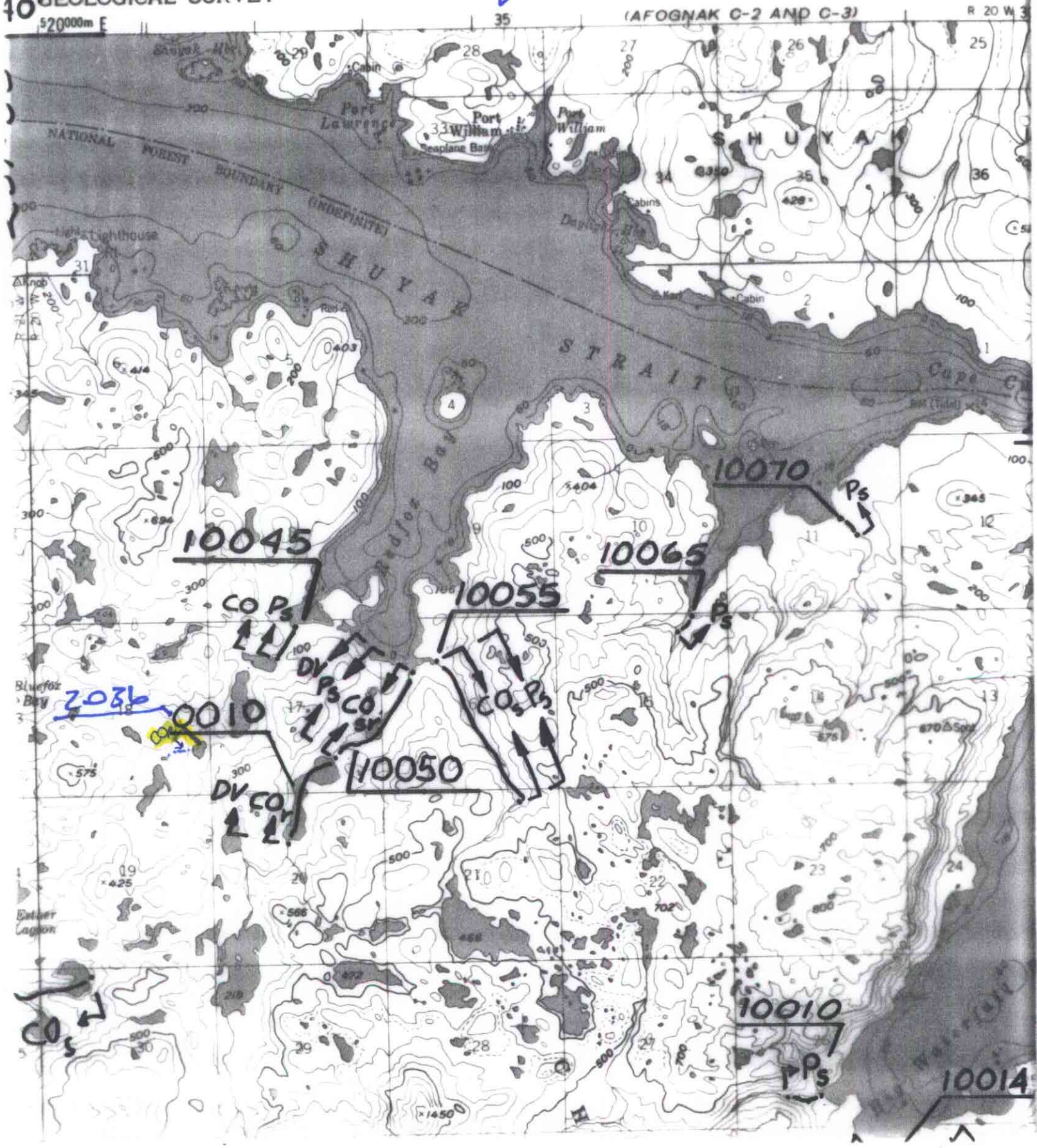
STATION COMMENTS: Stream Temp 49°F. photo # 9

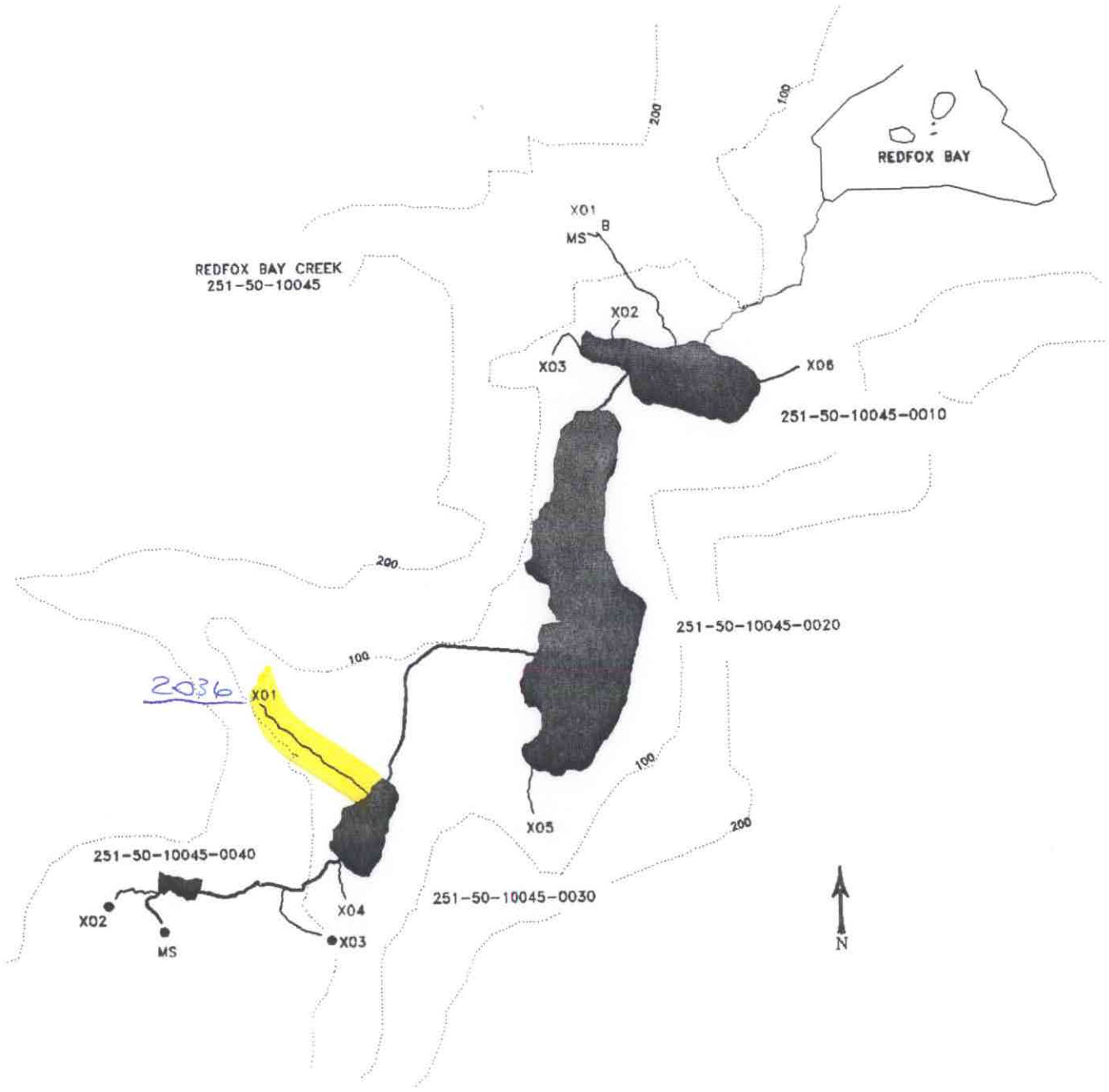


Priority 3
Perenosa to Redfox
251-50
Cape Current Narrows
Cape Current
SHUYAK STRAIT
Redfox Bay
Lighthouse Pt
Daylight Hbr
Base Station
Log jams DV
10070 P
Strait #2
Strait #1
10065 EXTENSION
10045
RED EXT.
0020
0030
WF
10050
10055 CO PS
0010
no salmon
no salmon
Esther #1
Esther #2
Esther Lagoon
Bluefox Bay
Waterfall Bay
Little Waterfall Bay
Echo Creek
Water #3
Water #1
Kent Creek
10014 DV P
Water #2 (DV 0.1)
Fish Ladder
10020 DV PS CO
Red Peak
Refuge
Delphin #2
Delphin #1
10026 CO DV P
10029 CO
Delphin Bay
AFOGNAK

UNITED STATES
PARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ADD STREAM 251-50-10045-2036 w/ COR





MAP 6-B

STREAM HABITAT ASSESSMENT

PROJECT R-47

REDFOX BAY

LEGEND

- PREVIOUSLY CATALOGUED
- NEWLY IDENTIFIED STREAM
- NEWLY IDENTIFIED WETLANDS
- NON-ANADROMOUS WATERBODY
- X03 STREAM ID
- A TRIBUTARY ID
- ENHANCEMENT OPPORTUNITY
- CONTOUR INTERVAL (ft)

SCALE

1000 2000 3000

4000 m

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
Habitat and Restoration Division

December 15, 1992