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

251-50-10045 320-X5

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 251-50-10045-2031

Name of Waterway Trib. To Red Fox creek USGS name ____ Local name X

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination #	93 151		11/3/92
Revision Year:	'93	Regional Supervisor	Date
Revision to: Atlas ____ Catalog ____		Ed Weiss	1/4/93
Both X			
Revision Code:	A-2	Drafted	1/22/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho fry	7-30-92		X		X
Dolly Varden juv.	7-30-92		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:

One meter in width. Moderately swift with pools and undercut banks. No visible barrier. We shocked .5 m² for 8 seconds at the upper extent station capturing one Coho fry and one Dolly Varden juvenile. See final report for detailed narrative and map.

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

Date: 9-22-92 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 10045 0020 x5 DATE: 7/30/92

STREAM NAME:

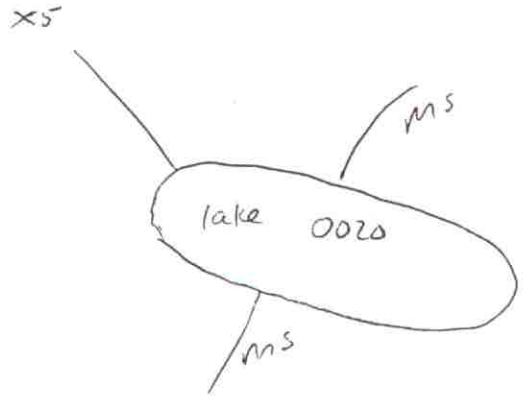
LOCATION: Reel fox Bay, lake 2

MOUTH-LATITUDE: 58 26 27.5 MOUTH-LONGITUDE: 152 37 50.2

TEAM: B F W S STAGE: H__ M ✓ L__

COMMENTS: This tributary enters the second lake (0020) of Reel fox Bay stream 251 50 10045 on its southeast corner.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251-50-10045-0020 SECTION: ~~Lake 2~~ X5

DATE: 7/30/92 METHOD: Foot DIREC: UP X DOWN ___

START LAT: 58 26 27.5 START LON: 152 37 50.2

END LAT: 58 26 23.8 END LON: 152 37 49.8

LENGTH (m): ___ WIDTH (m): 1 GRADIENT (%): 5

BANK TYPE: veg, l cut STREAM DEBRIS: wood, moss, leaves, needles

BANK VEGETATION: DC, Salmon Berry, spruce trees, blue berry, ferns

STREAM SUBSTRATE: GR, CO

BANK SUBSTRATE: veg, GR

CHARACTER: mod/swift with pools, undercut banks

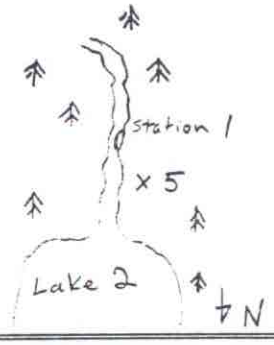
COMMENTS: No visible barrier, low water volume

Frame 28 Roll 4

GPS FILENAME: A0731003 TOTAL BARRIER? Y ___ N X

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

SKETCH:



.5m² - 8 sec - 1 coho 10r

46° 21 con

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 10045-0020 SECTION: X5

STATION: 1 DATE: 7/30/92 GPS-ID: A0673100 B FIX:

STATION-LAT: 58 26 23.8 STATION-LON: 152 37 49.8

GEAR: ES TIME-INT: 8 TIME-UNIT: sec

CONDUCT: 21 AREA SHOCKED (sqm): .5

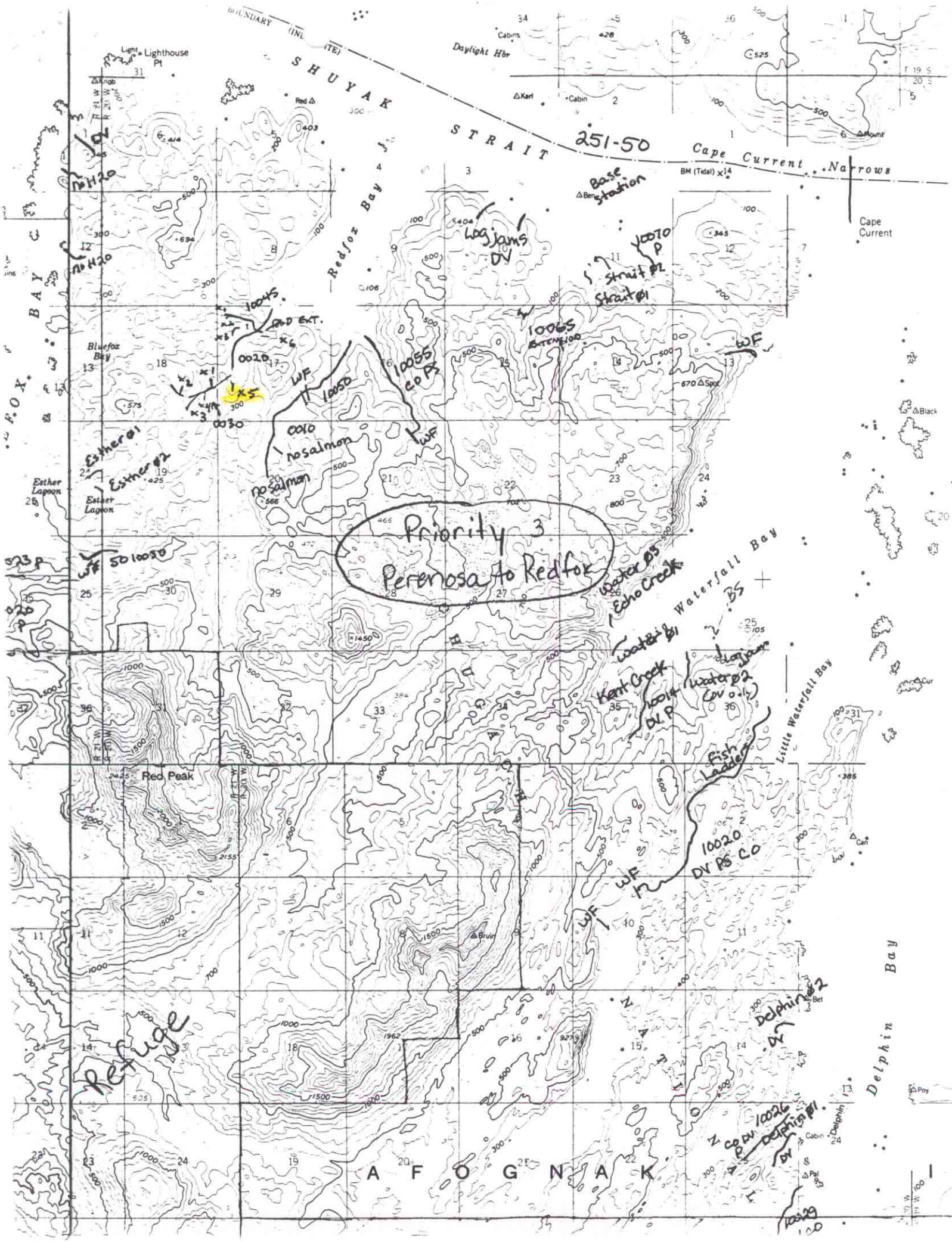
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
COHO	fry	1	
DOLLY VARDEN	juv.	1	

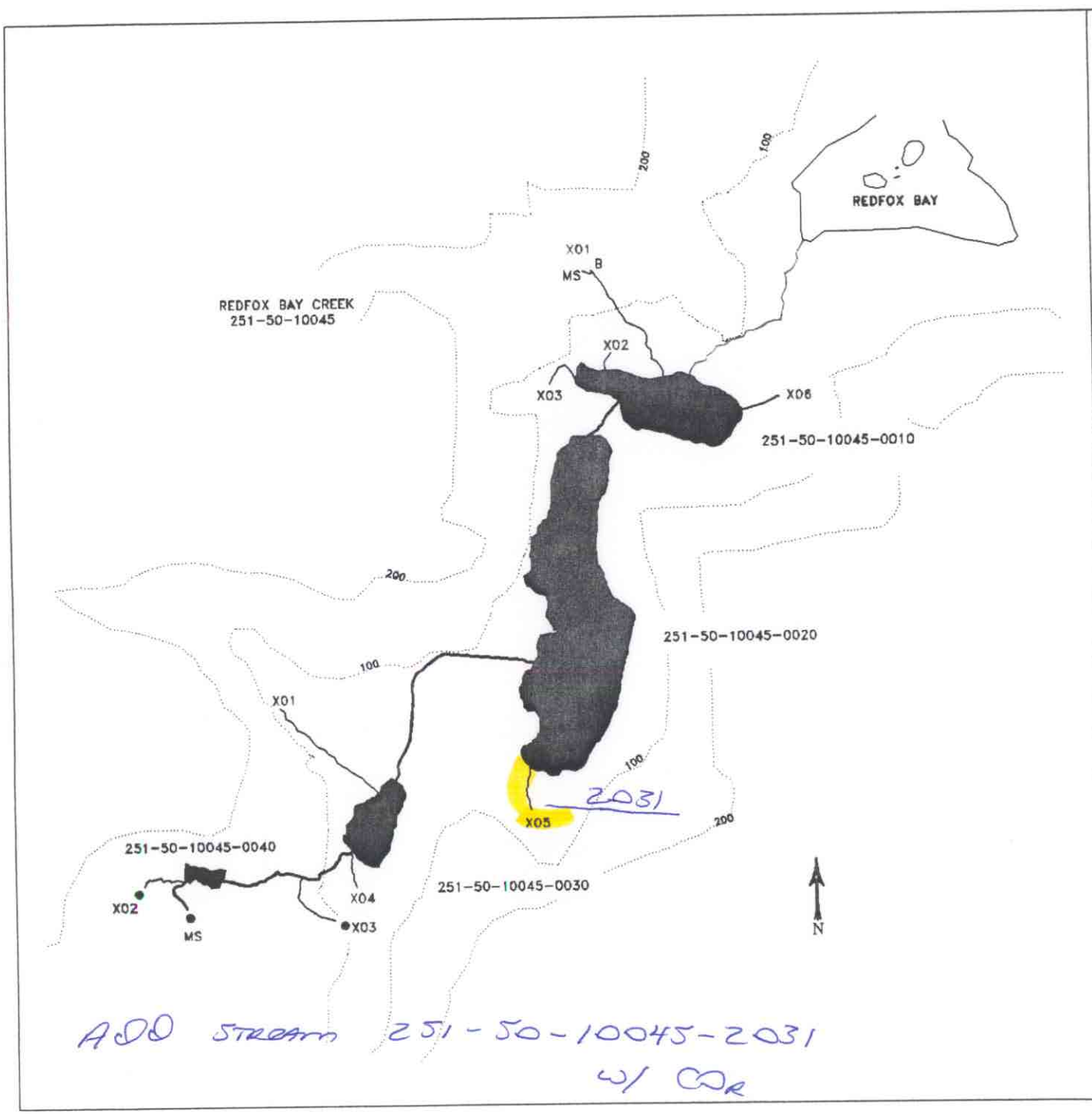
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS: X5 is a tributary to Lake 2, which is part of the 10045 mainstem. X5 flows into the South end of Lake 2.



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



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