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

251-50-10045-0 -X1 Section A

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 251-50-10045-2018

Name of Waterway Trib. To Red Fox Creek USGS name ____ Local name ✓

Addition ✓ Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 146	[signature] Regional Supervisor — Date 11/3/92
Revision Year: '93	Ed Weiss — Date 1/4/93
Revision to: Atlas ____ Catalog ____ Both X	[signature] Drafted — Date 1/14/93
Revision Code: A-2	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho fry	7/20/92		X		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 and one-half meters in width. Three percent gradient cut deeply in bedrock with vegetative banks. Two pools in this trib. Barrier is 15 foot 45° Bedrock. We shocked 2 m² for 5 seconds capturing two coho fry at the upper extent station. 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 0010 X1 DATE: 7/20/92

STREAM NAME:

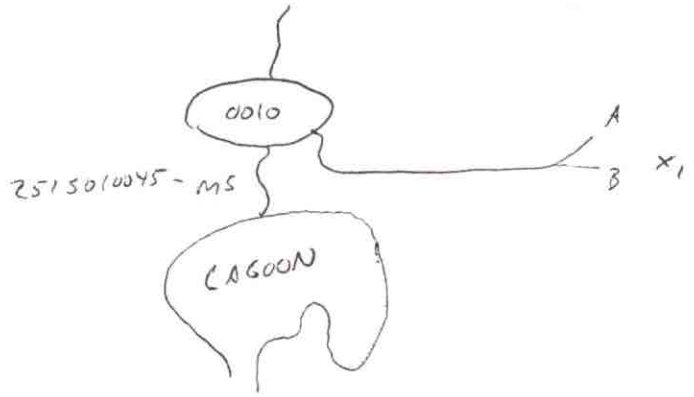
LOCATION: Redfox Bay, lake 1

MOUTH-LATITUDE: 58 27 05.4 MOUTH-LONGITUDE: 152 32 37.3

TEAM: B W S F STAGE: H__ M ✓ L__

COMMENTS: This tributary joins the first lake (0010) on stream 251 50 10045. It contains an abundance of Coho fry in the meadow flatlands. Coho peter out as the stream steepens in the woods.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251 50 10045 0010 X1 SECTION: A

DATE: 7/20/92 METHOD: Foot DIREC: UP ✓ DOWN ___

START LAT: 58 27 05.4 START LON: 152 32 37.3

END LAT: 58 27 12.9 END LON: 152 32 40.4

LENGTH (m): 17m WIDTH (m): 15 GRADIENT (%): 3

BANK TYPE: VE STEEP V STREAM DEBRIS: NONE

BANK VEGETATION: Devils Club, Spruce

STREAM SUBSTRATE: GR CO BE

BANK SUBSTRATE: CO BE

CHARACTER: steep trib, not deeply into bedrock with vegetated sides + 2 pools. Barrier is 15 ft 45° Bedrock.

COMMENTS:

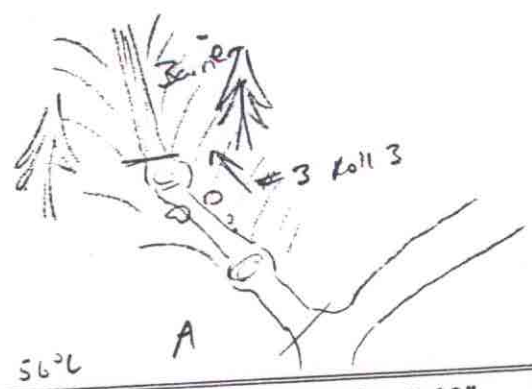
GPS FILENAME: A072022C

TOTAL BARRIER? Y ✓ N ___

STREAM TYPE: A ___ B ___ C ___

IF BARRIER IS TOTAL, LAT: ___ LON: ___

SKETCH:



Substrate: BOulder >1ft SIlt/clay/mud CObble 2-12" BEdrock (solid) GRavel .1-2" SAnd <.1"

FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 25150 10045 0010 x1 SECTION: A

STATION: 1 DATE: 7/20/92 GPS-ID: A07 2022 C FIX:

S ION-LAT: 58 27 12.9 STATION-LON: 152 32 40.4

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

CONDUCT: 15 AREA SHOCKED (sqm): 2

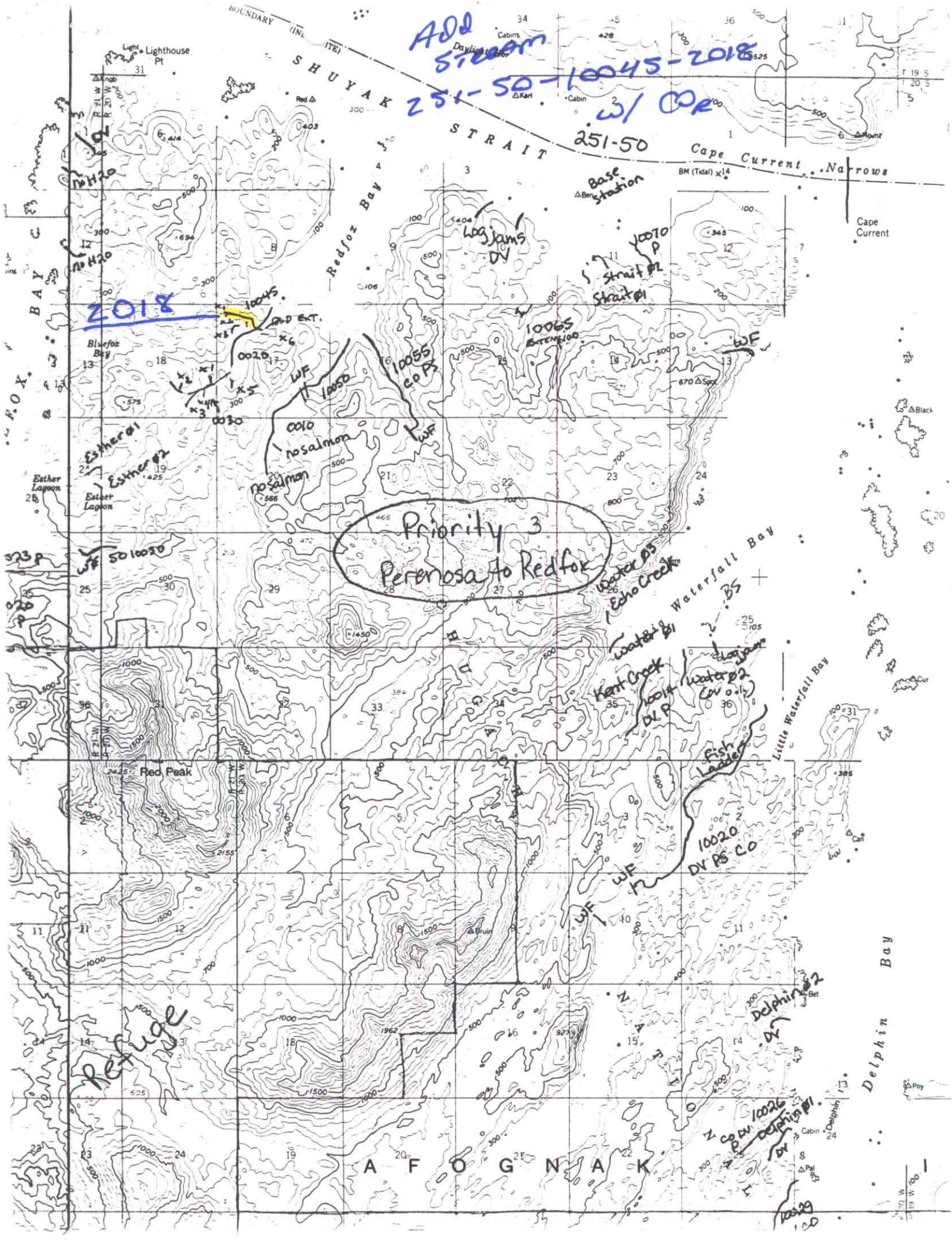
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
COHO	fy	2	

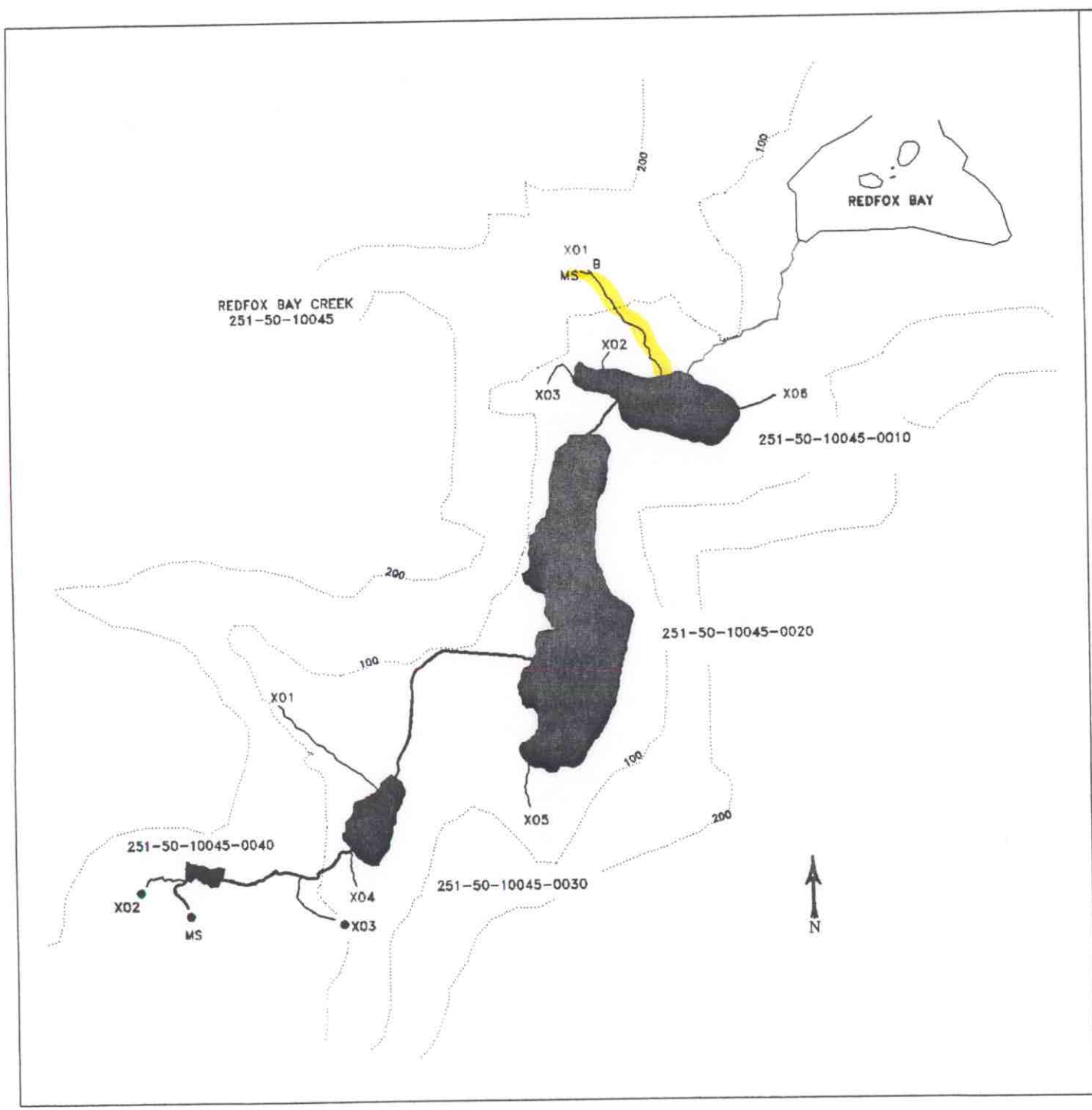
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



Add Stream
251-50-10045-2018
w/ COR
251-50
Cape Current Narrows
Cape Current
SHUYAK STRAIT
Redfox Bay
Lighthouse Pt
Bluefox Bay
Esther Lagoon
Red Peak
Waterfall Bay
Little Waterfall Bay
Delphin Bay
AFOGNAK
Priority 3
Perenosa to Redfox
Refuge
Base Station
Log jams DV
10070 P
Strait #2
Strait #1
10065
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 Ladder
10020 DV PS CO
Delphin #2
10026
Delphin #1
10029



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