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

251 50 10045 0010 · X2

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 251-50-10045-2022

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

Addition ✓ Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 148	Regional Supervisor 11/3/92 Date
Revision Year: '93	
Revision to: Atlas ____ Catalog ____ Both X	Ed Weiss 1/4/93
Revision Code: A-2	L. Crone 1/22/93 Drafted Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho fry	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:

Two meters in width. Shallow with little flow. Spring/backwater combination. Observed hundreds of coho throughout section. Total barrier - headwaters of spring. See final report for detailed narrative and map.

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

Date: 8-11-92 Signature: Jeff Bernhart

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 x2 DATE: 7/20/92

STREAM NAME:

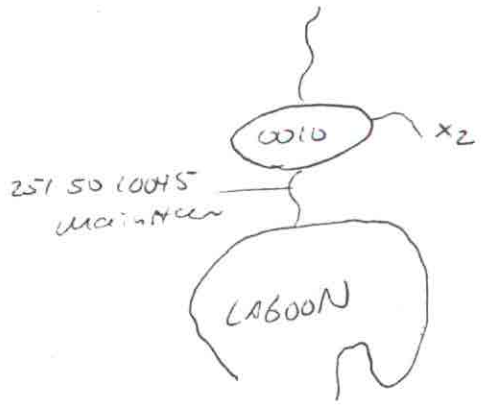
LOCATION: Redfox Bay, lake 1

MOUTH-LATITUDE: MOUTH-LONGITUDE:

TEAM: BWSF STAGE: H__ M ✓ L__

COMMENTS: This tributary joins the first lake (0010) of stream 251 50 10045. It contains an abundance of Coho fry throughout.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 25 / 50 / 00045 0010 X2 SECTION: MS

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

START LAT: ___ START LON: ___

END LAT: ___ END LON: ___

LENGTH (m): 38 WIDTH (m): 2 GRADIENT (%): 1

BANK TYPE: VEG, FLAT STREAM DEBRIS: logs

BANK VEGETATION: GRASS, COTTONWOOD

STREAM SUBSTRATE: SI

BANK SUBSTRATE: SI

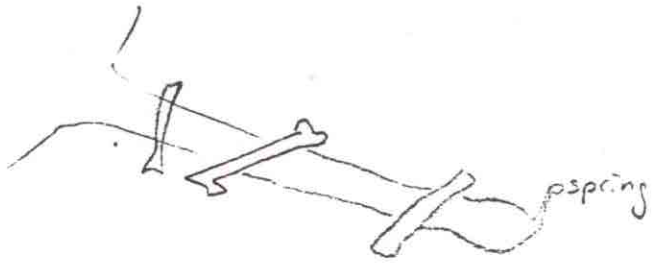
CHARACTER: Spring / Backwater combination. Muddy, very little flow, shallow.

COMMENTS: Observed hundreds of Cohos throughout. Frame 5, Roll 3

GPS FILENAME: A072022C 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 10045 COHO x2 SECTION: MS

STATION: Ø DATE: 7/20/92 GPS-ID: 1Ø72012A FIX: _____

STATION-LAT: _____ STATION-LON: _____

GEAR: NONE TIME-INT: 10 TIME-UNIT: mins

CONDUCT: N/A AREA SHOCKED (sqm): N/A

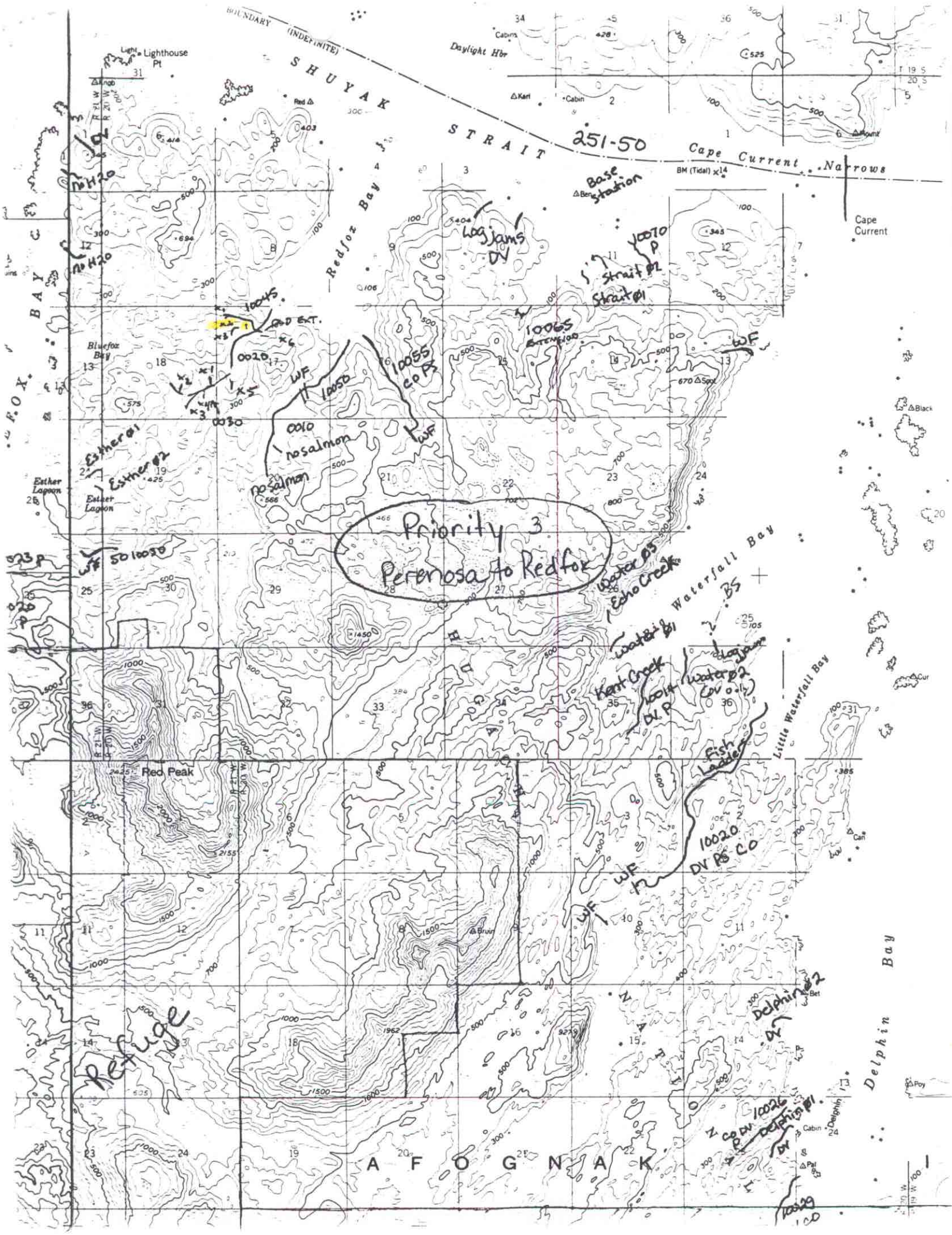
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
COHO	fry	300	

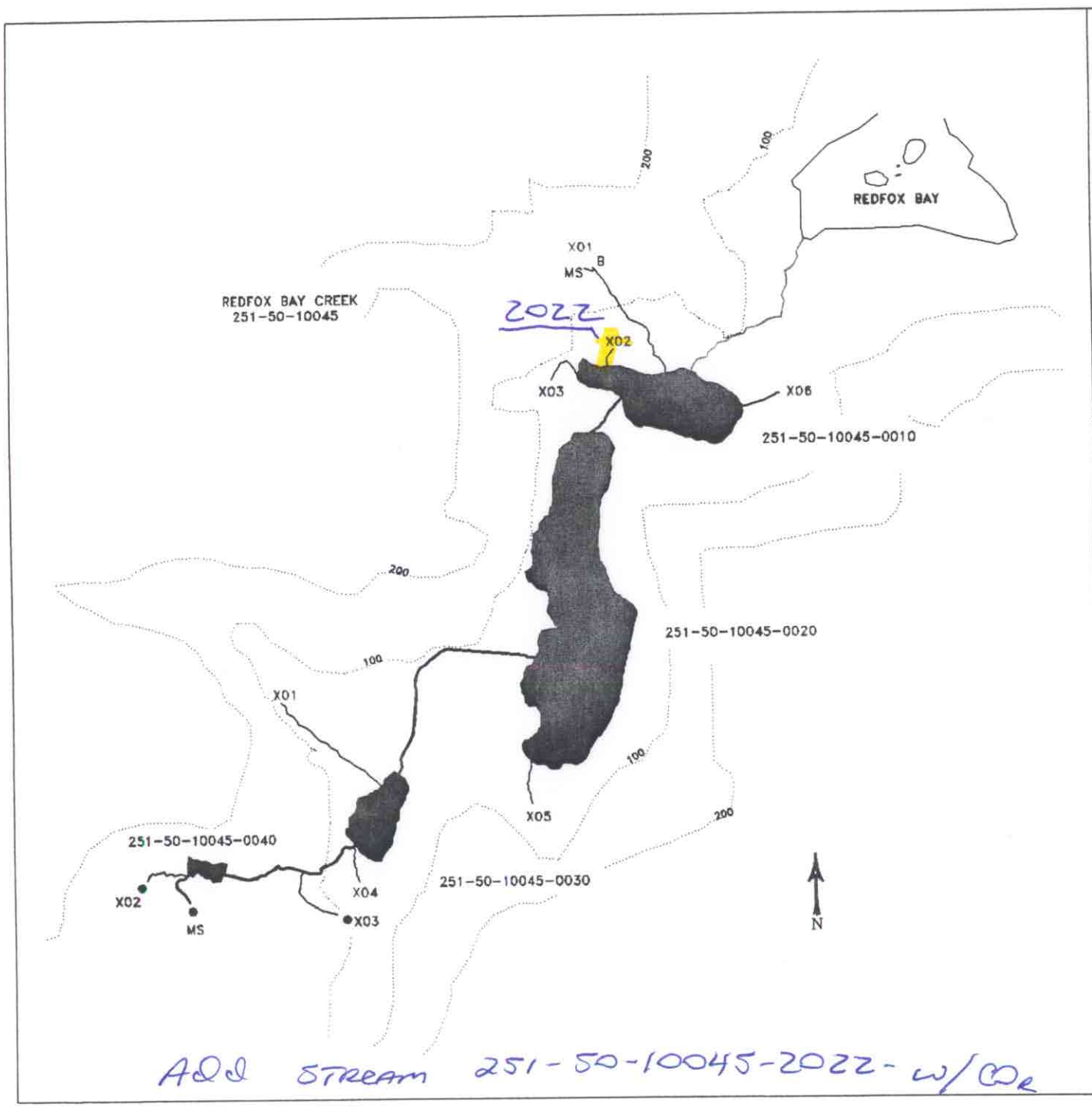
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS: Count is a rough estimate - we observed hundreds of Coho fry in this tributary.



BOUNDARY (INDEFINITE)
SHUYAK STRAIT
Lighthouse Pt
Daylight Hbr
Cabins
Cabin
Karl
Red
Mount
251-50
Cape Current Narrows
BM (Tidal)
Base Station
Cape Current
Redfox Bay
Log jams DV
10070 P
Strait #2
Strait #1
10045
RED EXT.
0020
0030
WF
10050
10055 CO PS
10065 EXTENSION
WF
0010
no salmon
no salmon
Bluefox Bay
Esther #1
Esther #2
Esther Lagoon
Esther Lagoon
Priority 3
Perenosa to Redfox
Water #3
Echo Creek
Waterfall Bay
BS
Water #1
Kent Creek
10014 DV P
Water #2 (DV only)
Log jam
Fish Ladder
Little Waterfall Bay
Red Peak
10020 DV PS CO
WF
WF
Bruin
Delphin #2
DV
Delphin Bay
Refuge
10026 CO DV P
Delphin #1
DV
Cabin
Pal
Poy
Black
Cur
Can
Bet
A F O G N A K
10029 CO



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