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

251-50-10045 ~~2070~~ - 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 251-50-10045-2068

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

Addition + Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 143	[signature] Regional Supervisor — 11/3/92 Date
Revision Year: '93	[signature] — 1/4/93
Revision to: Atlas ____ Catalog ____ Both X	[signature] Drafted — 1/22/93 Date
Revision Code: A-2	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho fry	7-30-92		+		+

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, mod. slow flow. Total barrier is two feet high beaver dam. Observed coho fry as we proceeded upstream through this section. We shocked 1 m² for 5 seconds at the upper extent station capturing one coho fry. 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: Jeffrey P Barnhart

Address: ADF&G Habitat Division, Anchorage

Signature of Area Biologist: ____

Rev. 12/91

FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251-50-10045 ~~-0040~~ SECTION: ~~Lake 4~~ x2

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

START LAT: 58 26 21.5 START LON: 152 37 20.0

END LAT: 58 26 31.5 END LON: 152 37 34.3

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

BANK TYPE: 1cut STREAM DEBRIS: ∅

BANK VEGETATION: 1cut veg.

STREAM SUBSTRATE: GR

BANK SUBSTRATE: veg

CHARACTER: faily slow, terminated by 2ft falls, going into Lake 4 bgeb

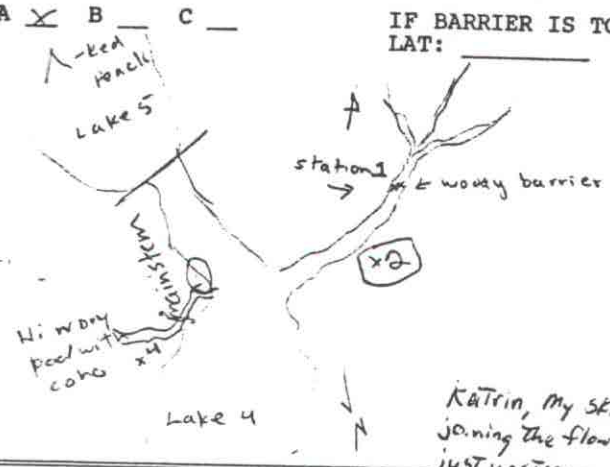
COMMENTS: Frame 25 Roll 4 - upper extent - woody blockage - 2ft
Large patches of skunk cabbage along banks & within stream

2m² pool isolated in dry main stem channel contained several coho fry - one at 80mm

GPS FILENAME: ___ TOTAL BARRIER? Y X N ___

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

SKETCH:



54° 19con

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

Katrin, My sketch shows x2 joining the flowing water (stream) just upstream of Lake 4. I'll not change your numbering of this Trib, but I think you might want to consider dropping the 0040 designation. J ok. ks 4/15

FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 251 50 10045 -0048 SECTION: X2

STATION: 1 DATE: 07/30/92 GPS-ID: A0731000 FIX:

STATION-LAT: 58 26 20.0 STATION-LON: 152 37 34.3

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

CONDUCT: 19 AREA SHOCKED (sqm): 1

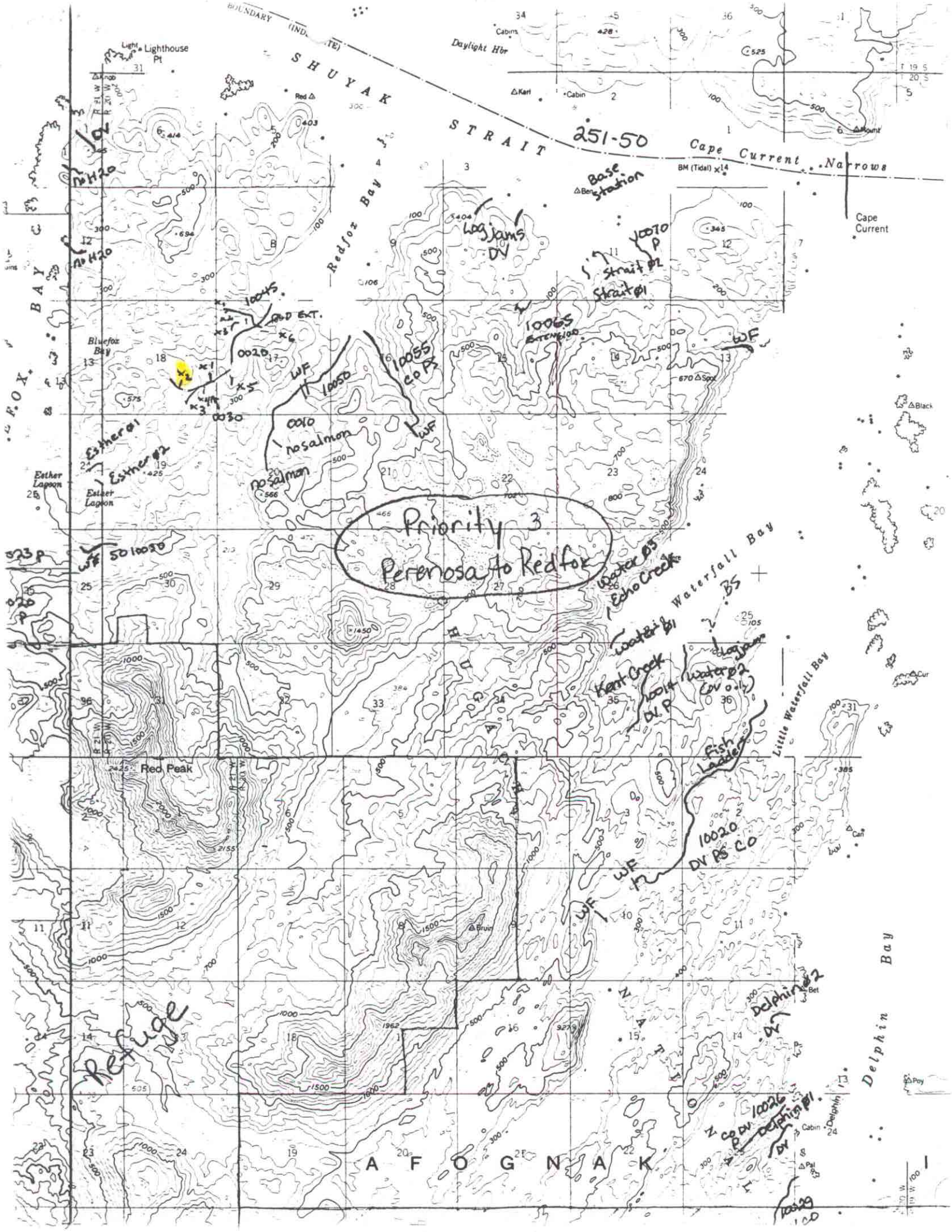
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
COHO	fry	1	

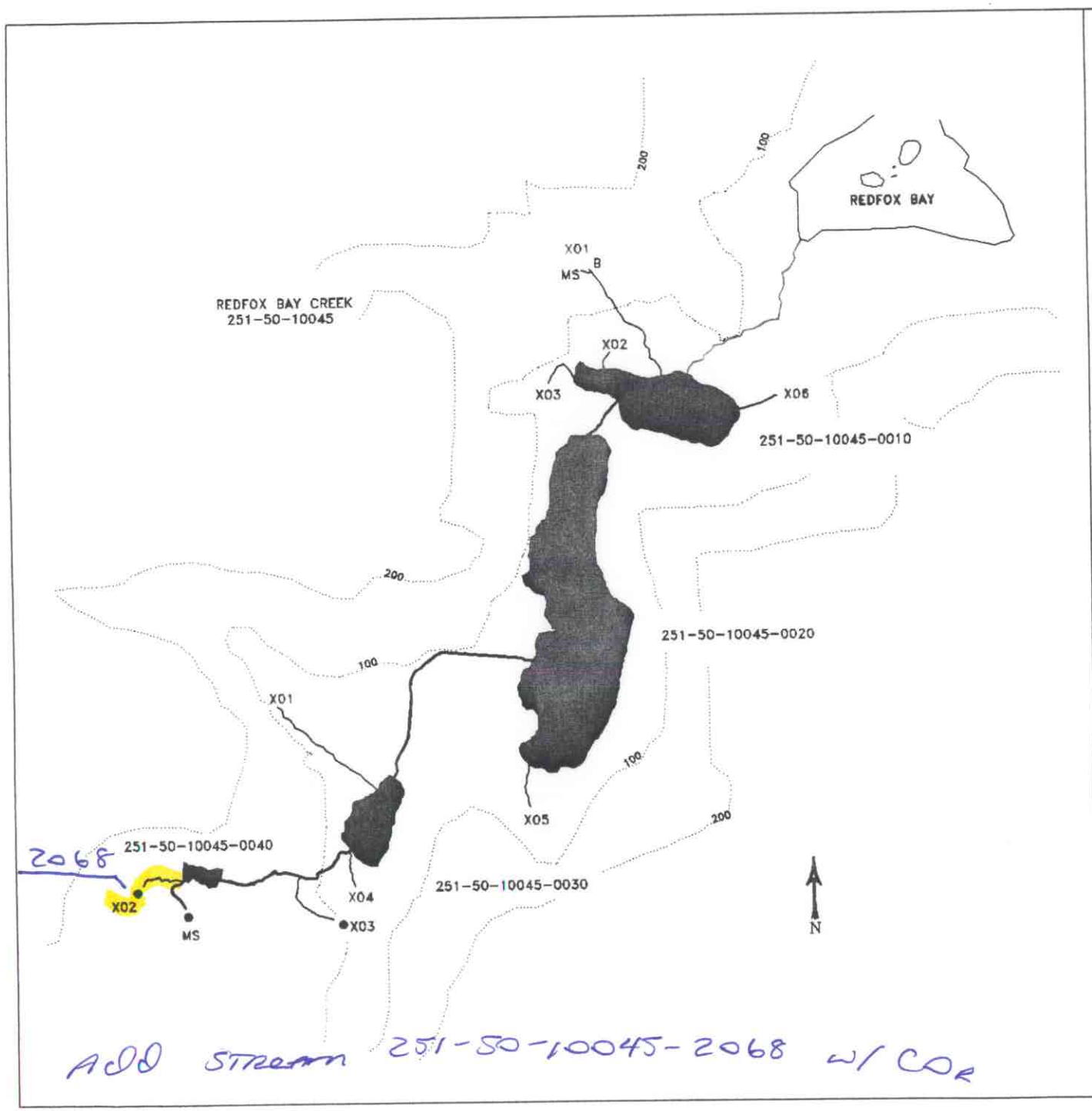
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



SHUYAK STRAIT
Cape Current Narrows
Cape Current
Daylight Hbr
Lighthouse Pt
Redfox Bay
Bluefox Bay
Esther Lagoon
Esther Lagoon
Red Peak
Waterfall Bay
Little Waterfall Bay
Delphin Bay
AFOGNAK
251-50
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
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 CO
Refuge



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