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

251-50-10045-X4

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 251-50-10045-2045

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

Addition + Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 145	[signature] Regional Supervisor — 11/3/92 Date
Revision Year: '93	Ed Weiss — 1/4/93
Revision to: Atlas ____ Catalog ____ Both X	L. Stone — 1/22/93
Revision Code: A-2	Drafted — Date

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:

One and one-half meters in width. Slow moving, 70% log cover, numerous deep pools. An eight inch high woody blockage is a total barrier to coho fry. We shocked 1 m² for 10 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: Jeff 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#: 251-50-10045-0030 SECTION: X4

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

START LAT: 58 26 21.4 START LON: 152 37 14.0

END LAT: NO GPS END LON: No GPS

LENGTH (m): N/A WIDTH (m): 1.5 GRADIENT (%): .5

BANK TYPE: fairly flat STREAM DEBRIS: woody

BANK VEGETATION: grass, ferns

STREAM SUBSTRATE: GR, S, Org

BANK SUBSTRATE: veg

CHARACTER: slow moving, >90% log cover, numerous deep pools

COMMENTS: GPS failed in and out. Made 3 repeat runs. Section is approx 80 m long (KS).

GPS FILENAME: A673100C TOTAL BARRIER? Y X N ___

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

SKETCH:

1m³-10sec-1cono

Frame87 Roll4 18con 480

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

Kathrin, My sketch shows x-4 joining the MS just upstream of Lake 3, (NOT a Trib to Lake-3) This agrees with your sketch on section form Jeff

FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 251 50 10045-0030 SECTION: X4

STATION: 1 DATE: 7/30/92 GPS-ID: A0731006 FIX:

STATION-LAT: 58 26 21.4 STATION-LON: 152 37 14.0

GEAR: ES TIME-INT: 10 TIME-UNIT: sec

CONDUCT: 1B AREA SHOCKED (sqm): 1

FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	

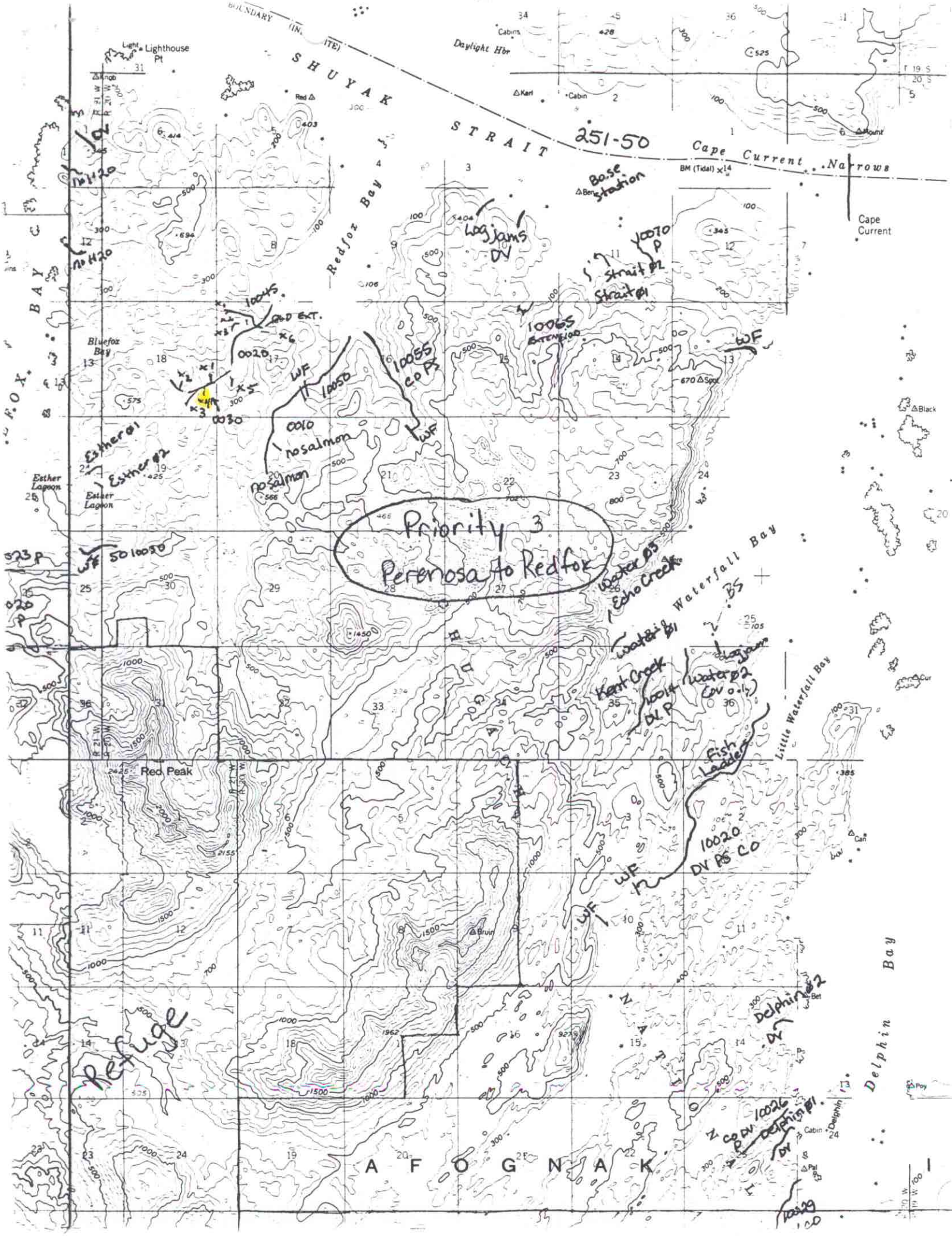
WILDLIFE

SPECIES	COUNT	COMMENTS

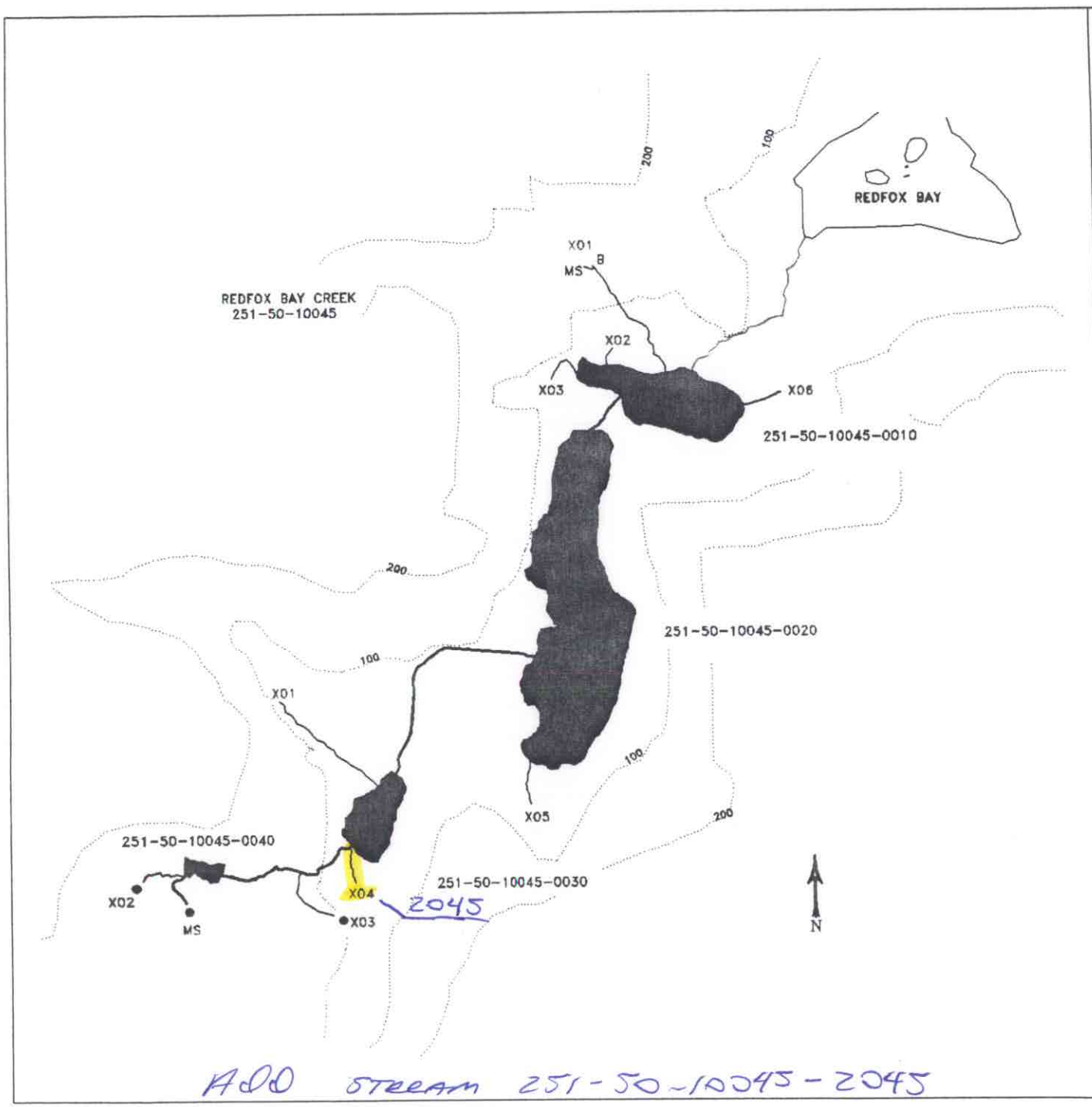
STATION COMMENTS: X4 is a south tributary to Lake 3, which is part of the 10045 Mainstem.

Katrin, my sketch shows X4 joining the mainstem just upstream of Lake 3

Jeff



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