251-50-10045-0010-X3

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

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 251-50-10045-2024

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

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 149	[signature] 11/3/92 Regional Supervisor Date
Revision Year: '93	E. Weiss 1/4/93
Revision to: Atlas ____ Catalog ____ Both X	
Revision Code: A-2	L. Irons 1/22/93 Drafted Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho Fry	7-20-92		X		X
Dolly Varden (juv.)	7-20-92		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:

Three meters in width. Shallow, sluggish springfed trickle meandering through meadow. Observed numerous coho fry as we proceeded upstream through this section. We shocked 1 m^2 for 5 seconds at the upper extent station capturing one coho fry and one juvenile Dolly Varden. 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 X3 DATE: 7/20/92

STREAM NAME:

L .TION: Red fox Bay

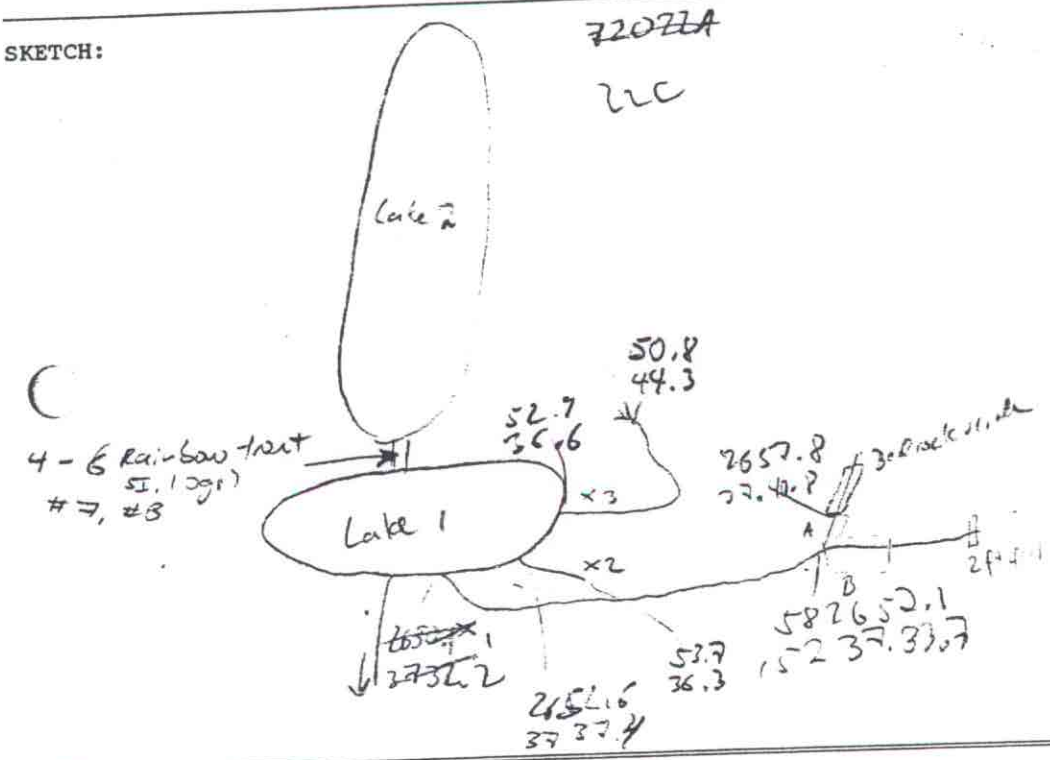
MOUTH-LATITUDE: 58 27 05.4 MOUTH-LONGITUDE: 152 32 37.3

TEAM: BSFW STAGE: H__ M ✓ L__

COMMENTS: numerous Coho (one 74 mm) all along stream in deep pools.

PLEASE DO NOT ENTER THIS FORM (redundant to stream form of auxin area). keep in records.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251 50 10045 0010 . x3 SECTION: A

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

START LAT: 58 52 52.9 START LON: 152 37 36.9

END LAT: 58 52 50.8 END LON: 152 37 44.3

LENGTH (m): 90 WIDTH (m): .3 GRADIENT (%): 1

BANK TYPE: Flat, veg STREAM DEBRIS: logs

BANK VEGETATION: grass, Devils club, cottonwood

STREAM SUBSTRATE: SI

BANK SUBSTRATE: SI

CHARACTER: sluggish, shallow, springfed trickle meandering through meadows.

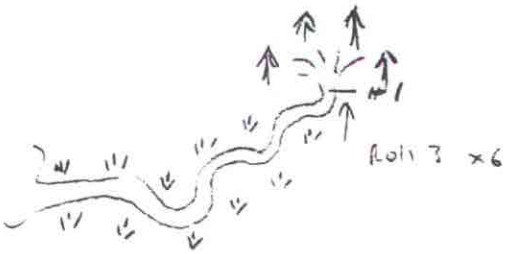
COMMENTS: Observed numerous Coho on way up.

GPS FILENAME: A072022C TOTAL BARRIER? Y ___ N ✓

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

SKETCH:

510C



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 0010 X3 SECTION: A

STATION: 1 DATE: 7/20/92 GPS-ID: A7072022 FIX:

ATION-LAT: 58 52 50.8 STATION-LON: N 2 37 44.3

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

CONDUCT: 15 AREA SHOCKED (sqm): 1

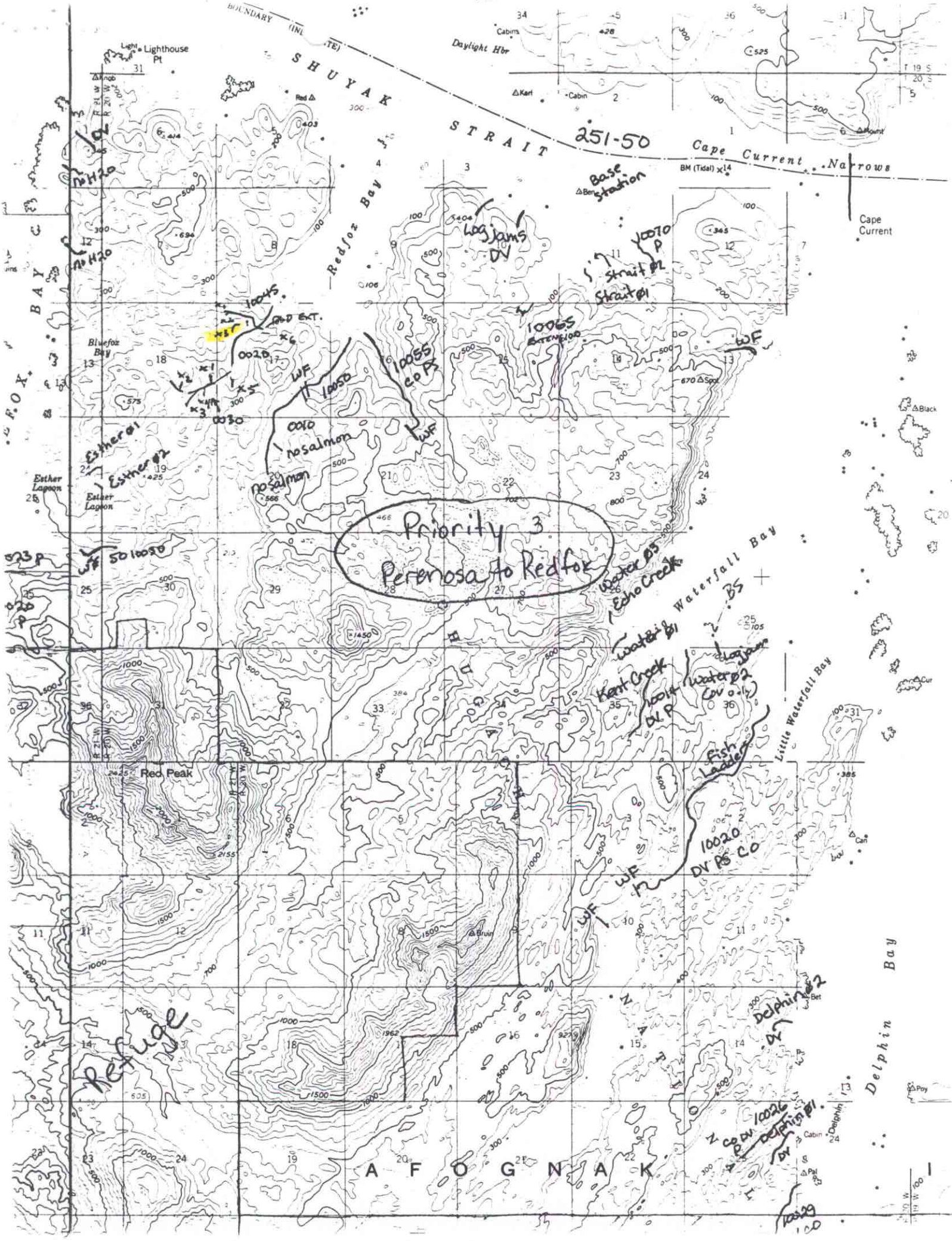
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	
2V	juv	1	

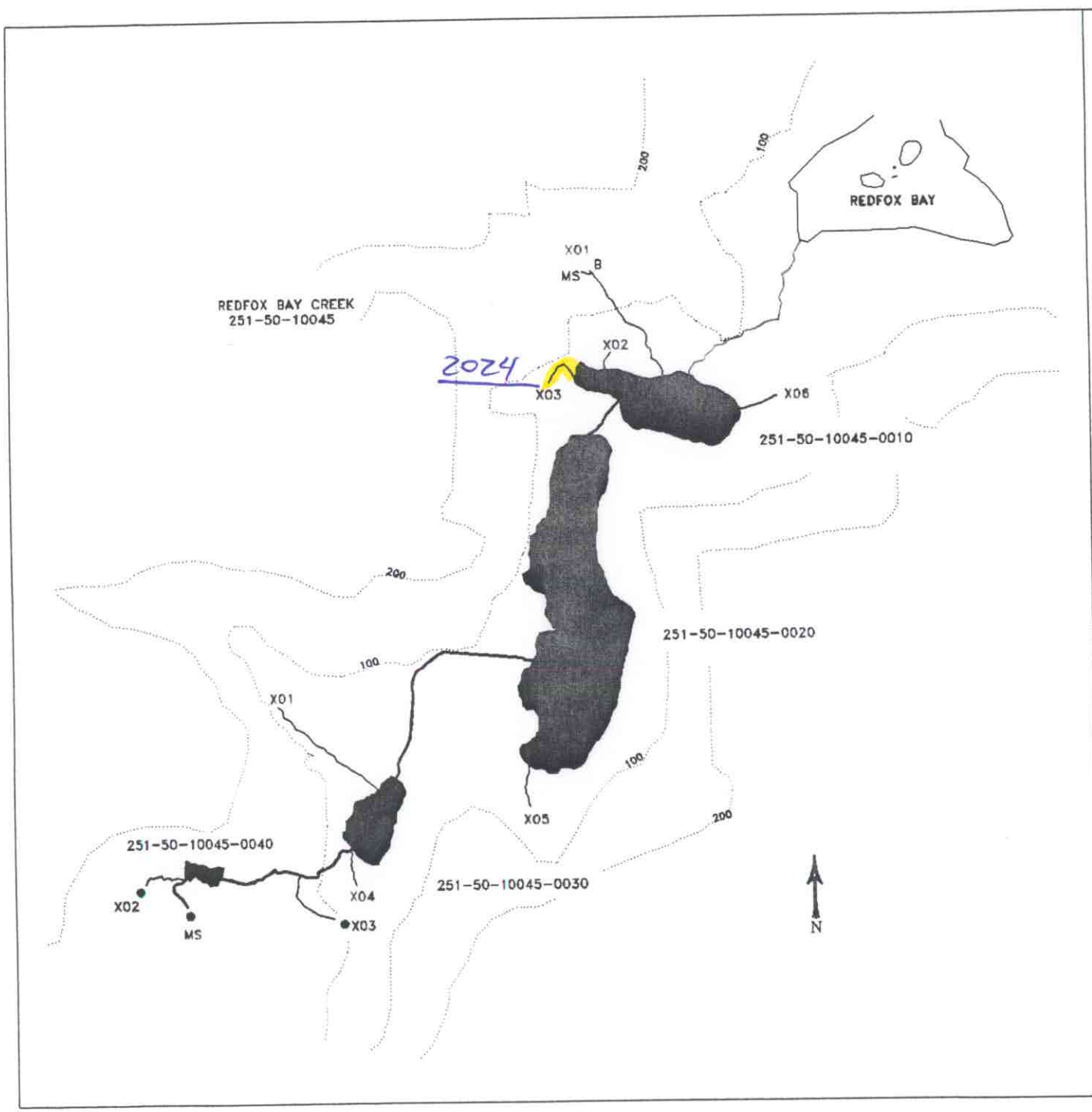
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



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
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
Priority 3
Perenosa to Redfox
Water #3
Echo Creek
Water #1
Kent Creek
Log jam
Water #2
Fish Ladder
10020 DV PS CO
Delphin #2
10026
Delphin #1
10029
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