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-1), Alaska

Anadromous Water Catalog Number of Waterway 251-82-10080-2057

Name of Waterway _____ USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 171	[signature] Regional Supervisor — Date 11/3/92
Revision Year: '93	Ed Weiss — Date 12/31/92
Revision to: Atlas ____ Catalog ____ Both X	L. Irone — Drafted — Date 1/22/93
Revision Code: A-2	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho fry	7-13-92		X		X
Dolly varden	7-13-92		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:

One meter wide stream cut into organic layer with deep pools below. Upstream barrier is the first falls, located at the confluence of a tributary and the mainstem. The falls is only one foot in height but provides a total barrier for rearing coho fry. Coho and Dolly varden were captured at intervals along the stream. At the upper extent a 1 m² area was electroshocked for 3 seconds resulting in twelve coho fry being captured. Electroshocking above the falls resulted in capturing only Dolly varden, See final report for map.

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

Date: 8-11-92 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.

STREAM#: 251 82 10080 0020 X8 DATE: 7/13/92

STREAM NAME: —

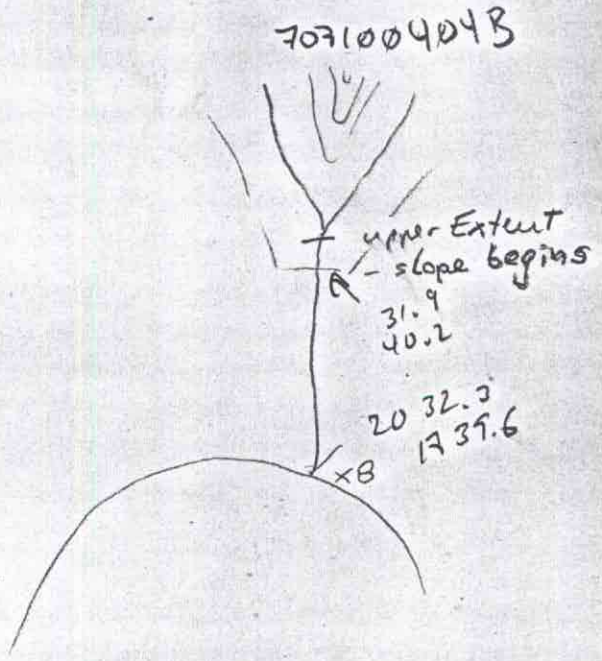
LOCATION: Lamra Lake, E of Island

MOUTH-LATITUDE: 58 20 32.3 MOUTH-LONGITUDE: 152 17 39.6

TEAM: BFSW STAGE: H__ M✓ L__

COMMENTS: GPS overflight in the evening. There was one stream between X7 and X8, in which no fish were found. The stream mouth of X8 is in the Northern cove facing the island.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251 B2 10080 0020 X8 SECTION: A

DATE: 7/13/92 METHOD: F DIREC: UP ✓ DOWN ___

START LAT: 58 20 32.3 START LON: 152 17 39.6

END LAT: 58 20 31.9 END LON: 152 17 40.2

LENGTH (m): 83 WIDTH (m): 1 GRADIENT (%): 3

BANK TYPE: VE cut STREAM DEBRIS: Co Bo

BANK VEGETATION: Dev. Club, grass, spruce, Alder

STREAM SUBSTRATE: GR CO

BANK SUBSTRATE: VE

CHARACTER: narrow, cut into organic layer with deep pools below slight slope. Barrier is 1ft fall

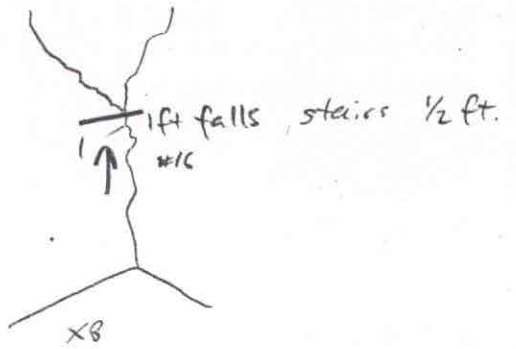
COMMENTS: Only DV found above small falls at confluence of tribs (shocked 3 pools)

GPS FILENAME: 70714043 TOTAL BARRIER? Y ✓ N ___

STREAM TYPE: A ✓ B ___ C ___

IF BARRIER IS TOTAL, LAT: 58 20 31.9 LON: 152 17 40.2

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 B2 10080 0020 X8 SECTION: A

STATION: 1 DATE: 7/13 GPS-ID: 7071004 B FIX: 3D

STATION-LAT: 58 20 31.9 STATION-LON: 152 17 40.2

GEAR: ES TIME-INT: 3 TIME-UNIT: sec

CONDUCT: 7 AREA SHOCKED (sqm): 1

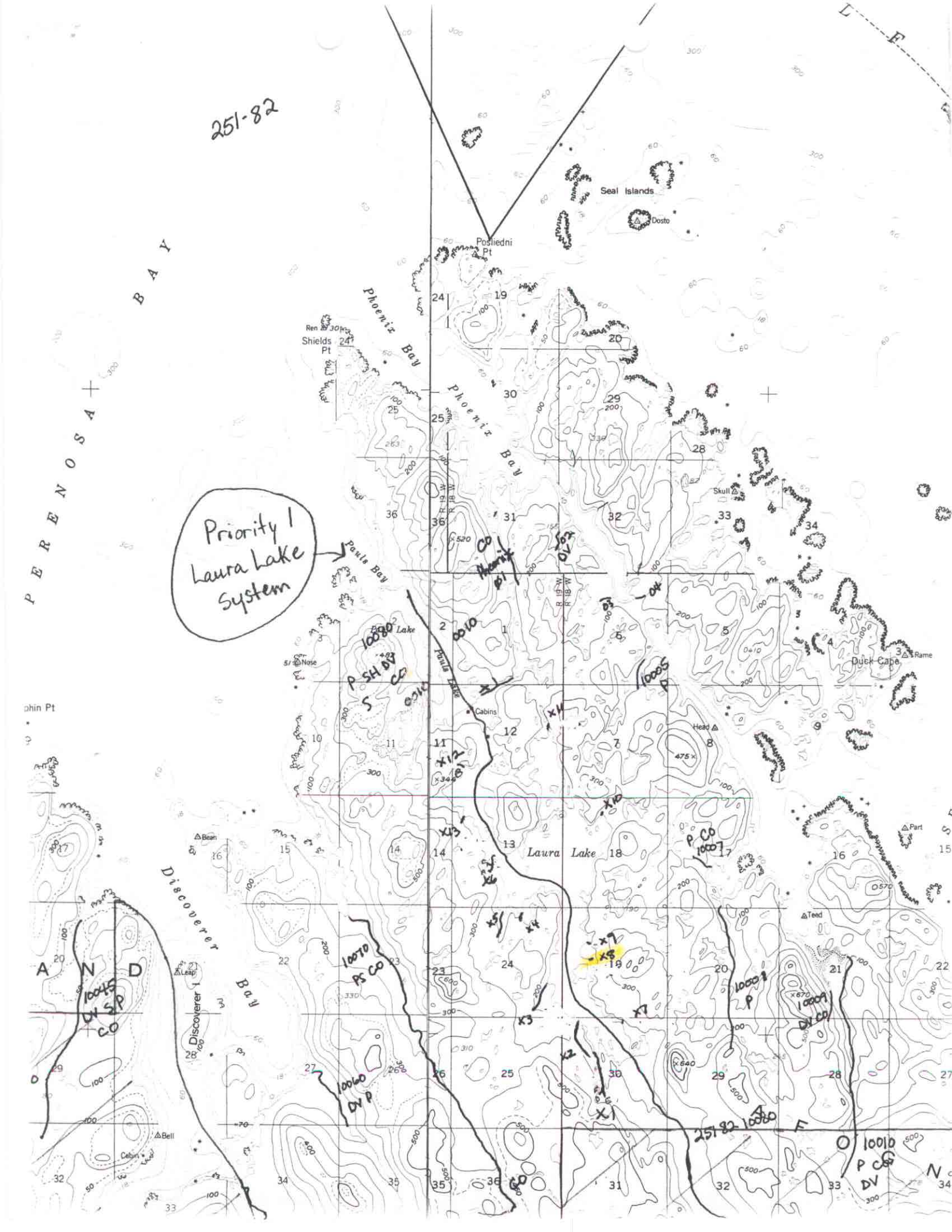
FISH

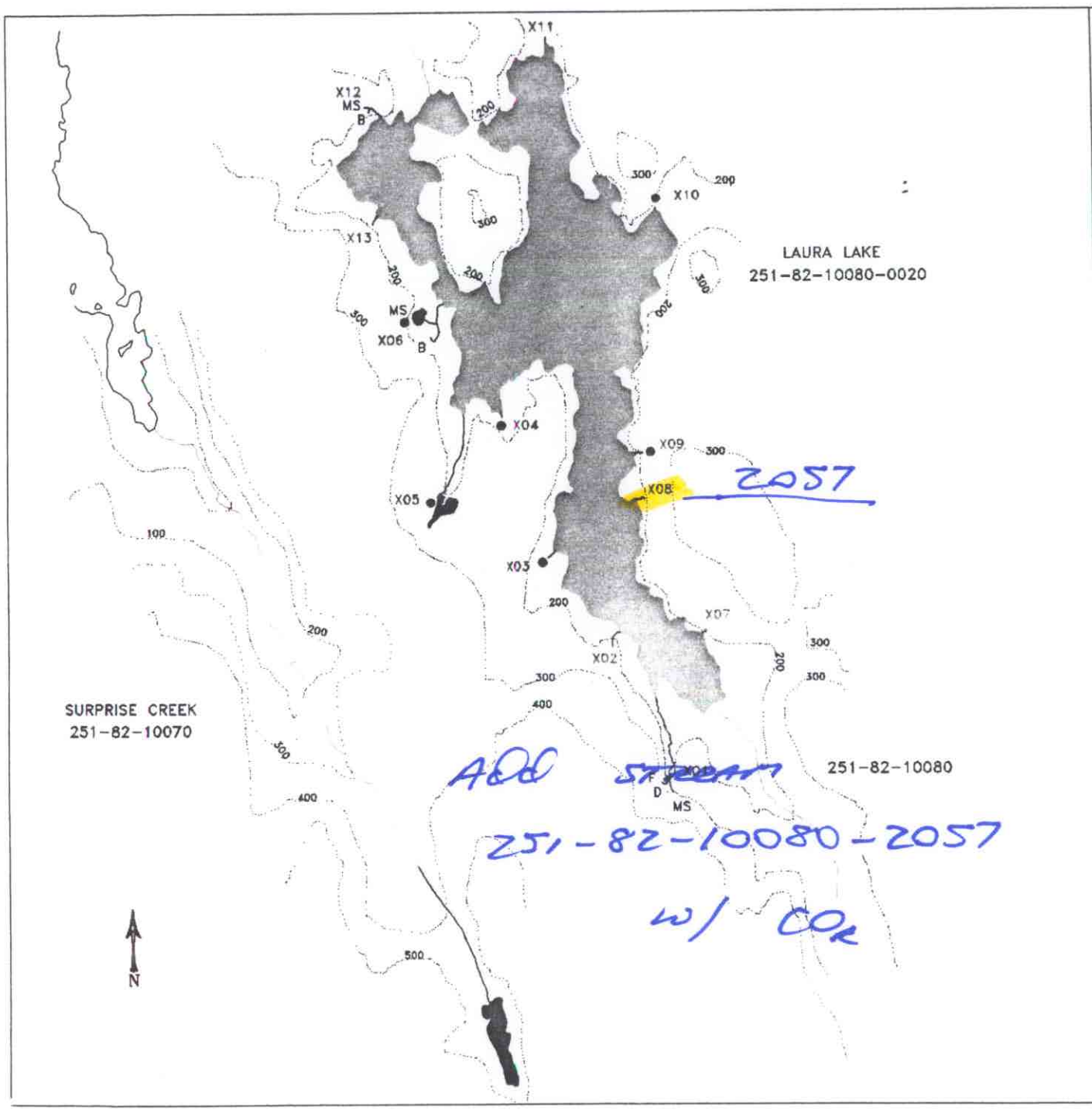
SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	12	–

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS: shocked 1m below upper extent.


251-82
Priority 1
Laura Lake
System
PERENOSA BAY
Seal Islands
Dosto
Posliedni Pt
Phoenix Bay
Shields Pt
Ren
Skull
Paula Bay
Paula Lake
Nose
Cabins
Head
Duck Cape
Rame
Part
Teed
Laura Lake
Bean
Leap
Discoverer Bay
Discoverer 1
Bell
Cabin
phin Pt
R 19 W
R 18 W
10080 P SH DV S CO
10005 P
10070 PS CO
10060 DV P
10045 DV S P CO
10008 P
10009 DV CO
10010 P CO DV
251-82 10080



MAP 7-B

STREAM HABITAT ASSESSMENT

PROJECT R-47

LAURA LAKE STREAMS AND

SURPRISE CREEK

LEGEND

- PREVIOUSLY CATALOGUED
- NEWLY IDENTIFIED STREAM
- NEWLY IDENTIFIED WETLANDS
- NON-ANADROMOUS WATERBODY
- X03 STREAM ID
- A TRIBUTARY ID
- ENHANCEMENT OPPORTUNITY
- CONTOUR INTERVAL (ft)

SCALE

100 1000

2000 m

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
Habitat and Restoration Division

December 15, 1992