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

252-34-Back B 01 - mth (mainstem)

ALASKA DEPT. OF FISH & GAME

OCT 16 1992

REGION II HABITAT DIVISION

AWC Volume SE SC (SW) W AR IN USGS Quad Afognak (A-3) Alaska

Anadromous Water Catalog Number of Waterway 252-34-10013

Name of Waterway Elk Horn Creek USGS name ___ Local name X

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 261

Revision Year: '93

Revision to: Atlas ___ Catalog ___

Both X

Revision Code: A-2

Regional Supervisor 11/13/92 Date

Ed Weiss 12/29/92

Drafted 1/13/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho	8/21 - 8/25		X		X
pink salmon	8/21 - 8/25	X			X
Dolly varden	8/21 - 8/25		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:

This stream flows through six meadows, the third of which is a large wetlands area. Spawning habitat for pink salmon extends through meadow six. It offers extensive spawning and rearing habitat for coho. Twenty meters upstream from the upper extent station (last documented juvenile coho) is a series of four foot falls. Rearing habitat ends at the upper extent station. Suspect that spawning habitat extends beyond upper extent station. We shocked 2m² for 15 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 Bernhart

Date: 9-28-92 Signature: Jeff Bernhart

Address: ADF&G Habitat Division, Anchorage

Signature of Area Biologist: ___

Rev. 12/91

MS.

FISH HABITAT ASSESSMENT 1992

FORM 1: STREAM

ver 062692.0

STREAM#: 252 34 BACKB 01 DATE: 8/21/92

STREAM NAME: (to be named by [redacted])

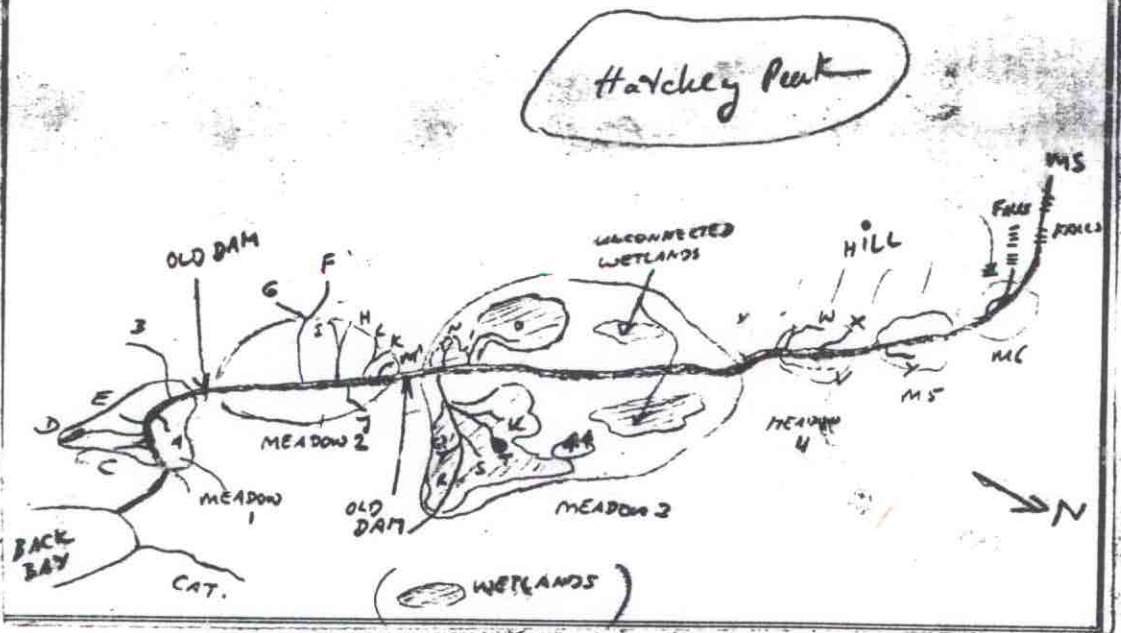
LOCATION: BACK BAY, NORTHWEST

MOUTH-LATITUDE: 58 05 08.0 MOUTH-LONGITUDE: 152 46 13.4

TEAM: B W M S F STAGE: H ___ M ✓ L ___

COMMENTS: THIS STREAM WAS SURVEYED OVER A PERIOD OF 5 DAYS. IT FLOWS THROUGH SIX MEADOWS, THE THIRD OF WHICH IS A LARGE WETLANDS AREA. THE STREAM IS ACCESSIBLE TO FINKS THROUGH MEADOW 6, AND OFFERS EXTENSIVE SPAWNING AND REARING HABITAT FOR COHOS. SOME OF THE WETLANDS WERE TREATED AS POLYGONS FOR GIS PURPOSES.

SKETCH:



MS

FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 252 34 BACK BØ1 SECTION: MS

DATE: 8/25/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 05 08.0 START LON: 152 46 13.4

END LAT: 58 06 11.6 END LON: 152 45 39.8

LENGTH (m): ___ WIDTH (m): 2.5 GRADIENT (%): ___

BANK TYPE: FLAT, VEG STREAM DEBRIS: BO, logs, wody

BANK VEGETATION: Spruce, willows, alder, Salmonberry

STREAM SUBSTRATE: CO GR BO

BANK SUBSTRATE: VEG GR, BO

CHARACTER: Swift section, terminated by series of 4' falls ~20 m above extent. This MS section extends to confluence.

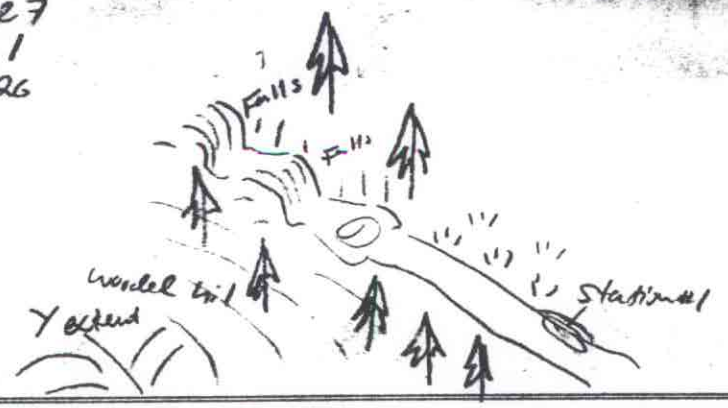
COMMENTS: [illegible] by 4' falls

Suspect that spawning habitat extends beyond last documented Coho, and that rearing habitat stops at extent. Falls are ~ 20 m above last station. DV found above.

GPS FILENAME: AØ82522A TOTAL BARRIER? Y ✓ N ___

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

SKETCH: 44°F
Cond 7
Coho 1
Roll 6, 26
15
2 m2



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#: 252 34 BACKBAY1 SECTION: MS

STATION: 1 DATE: 8/25/92 GPS-ID: A0825224 FIX: ____

STATION-LAT: 58 06 11.6 STATION-LON: 152 45 39.8

GEAR: ES TIME-INT: 15 TIME-UNIT: sec

CONDUCT: 7 AREA SHOCKED (sqm): 2

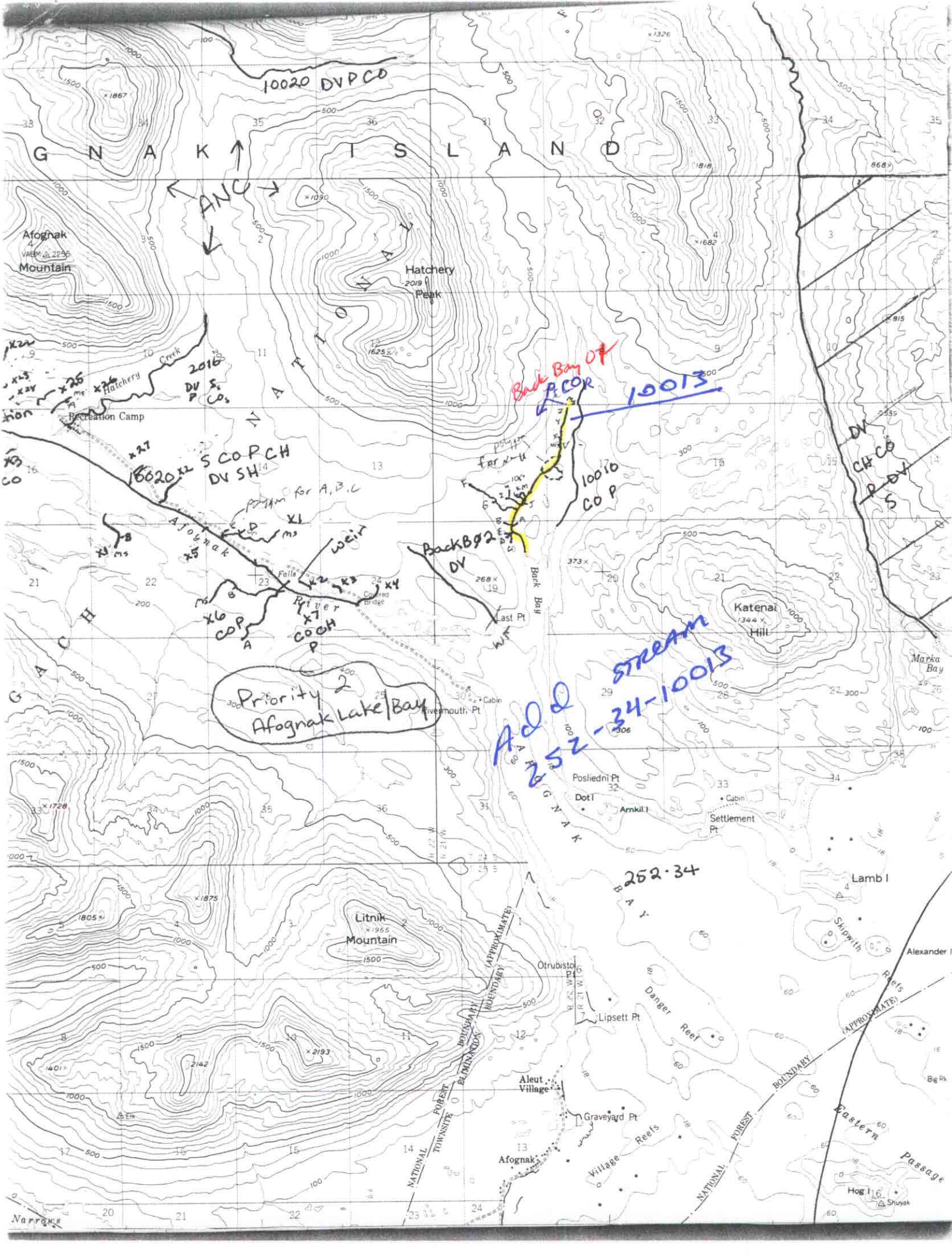
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	—

WILDLIFE

SPECIES	COUNT	COMMENTS

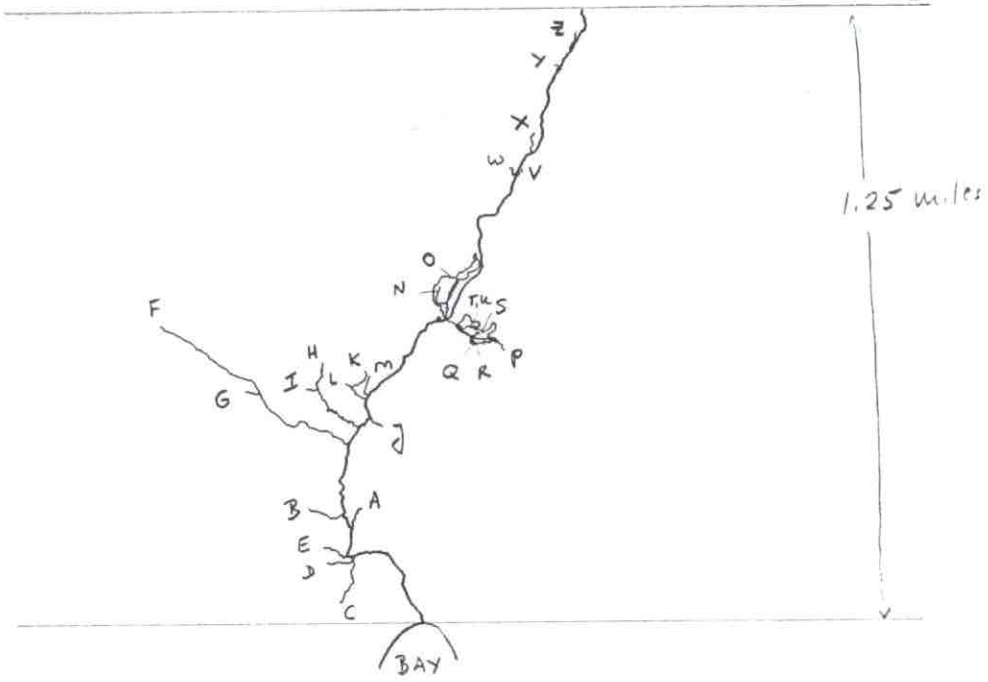
STATION COMMENTS:



10020 DVPCO
G N A K I S L A N D
ANC
Afognak Mountain
Hatchery Peak
Hatchery Creek
Recreation Camp
2016 DV S P CO
Back Bay OF
10013
10010 CO P
10020 S CO P CH DV SH
Afognak River
Falls
Covered Bridge
Back Bay
Last Pt
Katenai Hill
Marka Bay
Priority 2 Afognak Lake/Bay
Rivermouth Pt
Cabin
Add STREAM 252-34-10013
Posliedni Pt
Dot I
Arnkil I
Settlement Pt
252-34
Lamb I
Skipwith Reefs
Alexander I
Litnik Mountain
Otrubistoi Pt
Lipsett Pt
Danger Reef
Aleut Village
Graveyard Pt
Afognak
Village Reefs
Eastern Passage
Hog I
Shuyak
Narrows
NATIONAL FOREST BOUNDARY (APPROXIMATE)
TOWNSITE ELIMINATION BOUNDARY

10/7/92

BACK BAY Ø1 "ELKHORN CREEK"



E, D, C are in the 'first lake' on the quad sheet
The wetland polygons are in the "2nd lake" on the quad.

for nomination only. Needs overlay to QA/QC (GPS corrections failed for upper half).

to scale to quad: ~~80.54~~, 73.36, 101.00