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

252-34-10020-0010 x22

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 252-34-10020-2076

Name of Waterway Twilight Creek USGS name ___ Local name ✓

Addition ✓ Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 255	[signature] Regional Supervisor — 11/3/92 Date
Revision Year: '93	
Revision to: Atlas ___ Catalog ___ Both X	[signature] — 12/29/92
Revision Code: A-2	[signature] Drafted — 1/13/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho fry	8-6-92		X		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 in width. Observed coho fry as we proceeded upstream through this section. We shocked .5m² for 5 seconds at the upper extent station capturing one coho fry. No visible barrier within 100 meters upstream of the upper extent station. This stream was surveyed during a high water stage which may account for finding fewer than usual coho fry. See final report for detailed narrative and map.

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

Date: 10-5-92 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#: 252 34 10020 0010 x 22 DATE: 8/6/92

STREAM NAME: TWILIGHT CREEK

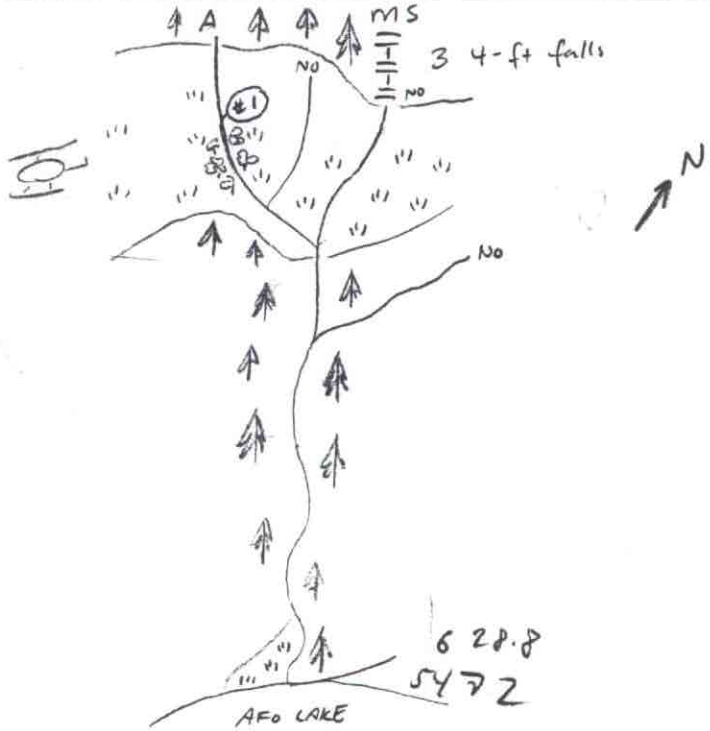
LOCATION: AFOGNAK LAKE

MOUTH-LATITUDE: _____ MOUTH-LONGITUDE: _____

TEAM: B F W S STAGE: H ✓ M __ L __

COMMENTS: Due to the high water stage, we may have found fewer Coho than usual. Recommend reassessment for fry. We found one Coho in 1.3 A more in the mainstem.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 252 34 10020 0010 X22 SECTION: A

DATE: 8/6/92 METHOD: FOOT DIREC: UP ___ DOWN ✓

START LAT: ___ START LON: ___

END LAT: ___ END LON: ___

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

BANK TYPE: Veg, cut STREAM DEBRIS: WOOD, BOULDERS

BANK VEGETATION: Alders, Grasses, Devils Club, Salmonberry

STREAM SUBSTRATE: GR CO BO

BANK SUBSTRATE: VEG, GR, BO

CHARACTER: Swift stream with few pools, several .5 ft falls. No visible barrier w/in 100 m.

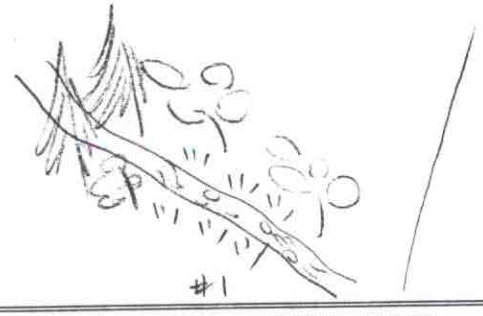
COMMENTS: high water - may have effected some Coho downstream. 90% overgrown. The next pool downstream was ~20 m distant.

GPS FILENAME: A0807 20A TOTAL BARRIER? Y ___ N ✓

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

SKETCH: Roll 5, Frame 7

47°C



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 10020 0010 x22 SECTION: A

STATION: 1 DATE: 8/6/92 GPS-ID: FIX:

STATION-LAT: STATION-LON:

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

CONDUCT: 6 AREA SHOCKED (sqm): .5

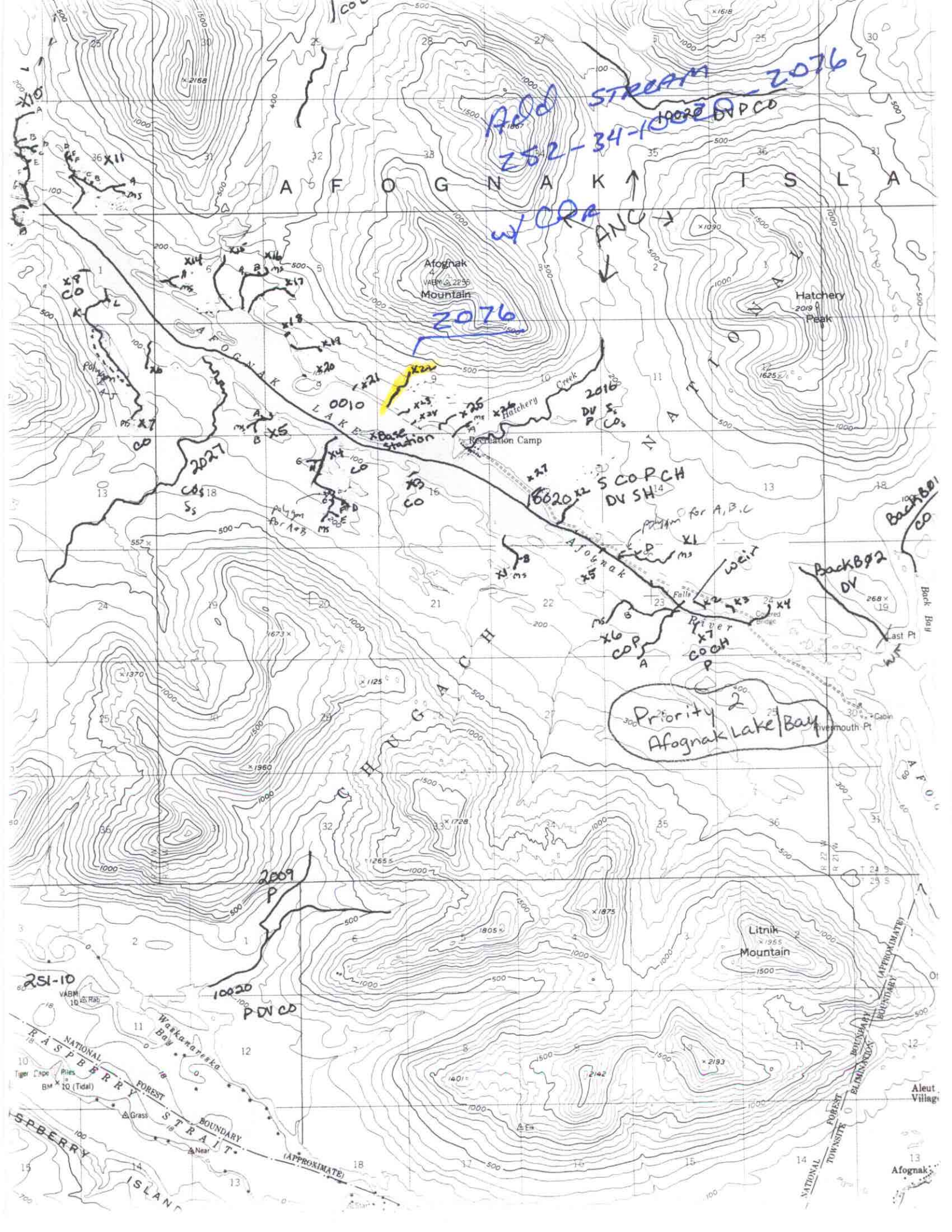
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



Add STREAM 2076
252-34-10020
w/ CPR
ANC
2076
AFOGNAK ISLA
Afognak Mountain
Hatchery Peak
AFOGNAK LAKE
Hatchery Creek
Recreation Camp
Base station
0010
2016
2027
10020
S CO P CH
DV SH
Afognak River
weir
Back Bay
Last Pt
Riversmouth Pt
Priority 2
Afognak Lake/Bay
CHUGACH NATIONAL
Litnik Mountain
2009
10020
P DV CO
251-10
Waskanareska Bay
RASPBERRY STRAIT
NATIONAL FOREST BOUNDARY (APPROXIMATE)
Tiger Cape
Piles
Grass
Near
Elk
Aleut Village
Afognak