

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

MAR 09 1999

AWC Volume SE SC SW W AR IN USGS Quad BEARING Glacier B-8 Cordova B-1 REGION II
BIOTIC AND RESTORATION DIVISION

Anadromous Water Catalog Number of Waterway 200-20-10110-2070 2050-3070
Name of Waterway 99 143 USGS name _____ Local name 3070-0005
Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>99-143</u>	<u>[Signature]</u>	<u>2/17/00</u>
Revision Year: <u>00</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Wain</u>	<u>4/5/99</u>
Both <input checked="" type="checkbox"/>	<u>J. Arone</u>	<u>5/8/00</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho Salmon	8/27/98		✓		✓
Dolly Varden	8/26/98		✓		
Cutthroat Trout	8/26/98		✓		

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Fish observed during Habitat and Restoration Division fish habitat survey. See

Attached data form for details. (4-A-1)

Name of Observer (please print) Frederick M. Thompson
Date: 3/9/99 Signature: [Signature]
Address: 333 Raspberry Road
Anchorage, AK 99518

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

CIRCLE DOMINANT CHANNEL TYPE:

Dominant Bed Material	A	B	C	D	DA	E	F	G
1 MUD/CLAY								
2 SAND								
3 GRAVEL								
4 SAND								
5 SAND								
6 SAND								
ENTR. SIN.	<1.4	1.4-2.2	>2.2	N/A	>2.2	>2.2	<1.4	<1.4
W/D	<12	>12	>14	<1.1	1.1-1.6	>1.5	>1.4	>1.2
SLOPE	.04-.099	.02-.039	>0.2	<0.2	<0.05	<0.2	<0.2	.02-.039

DOMINANT SLOPE RANGE	BANKFULL STAGE								
	A	B	C	D	DA	E	F	G	
	4-10%	2-4%	<2%	<4%	<0.5%	<2%	<2%	2-4%	
CROSS-SECTION									
PLAN VIEW									
STREAM TYPES	Aa+	A	B	C	D	DA	E	F	G

FISH SAMPLING GEAR: ES TIME: _____ AREA: 3/8 EFFIC: 60%
mile

CONDUCTIVITY: _____ μmhos

CO	147	45	45	45					
K									
S									
P									
CH									
DV	88	33	140						
RB/SH									
CT	95								

WILDLIFE OBSERVATIONS:

Many More Coho -

FISH HABITAT SURVEY FORM

Rev. 8/23/98

SURVEY AREA: _____

STATION NO: 4A1 DATE: 8/27/98 TIME: 10:10A

OBSERVERS: MT MH TEAM: (A) B STREAM NO: _____

GPS COORDINATES: Lat. 60 23 580 Long. 143 54 628

WEATHER: CLEAR PRT. CLDY. (CLOUDY) STREAM STAGE: HIGH MEDIUM LOW PRECIP: TODAY heavy YESTERDAY heavy THIS WEEK _____

TEMP: AIR _____ WATER _____ STREAM GRADIENT: _____ %

WATER CLARITY: (CLEAR) SUBSTRATE COMPOSITION (%): MUD _____ SAND 10 GRAVEL 40 COBBLE 50 BLDR/B-ROCK _____ 100% STREAM DIMENSIONS (ft): WIDTH 8-12 DEPTH, LEFT BANK 8-20 DEPTH, RIGHT BANK 8-20 DEPTH, MID-CHANNEL 8-20 VELOCITY: None Slow Medium Fast fps 0 0-1 1-3 (3+)

RIPARIAN VEGETATION (WITHIN 66'): Woody shrubs spruce/hemlock MEASURED VELOCITY: medium at lower reaches

CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):

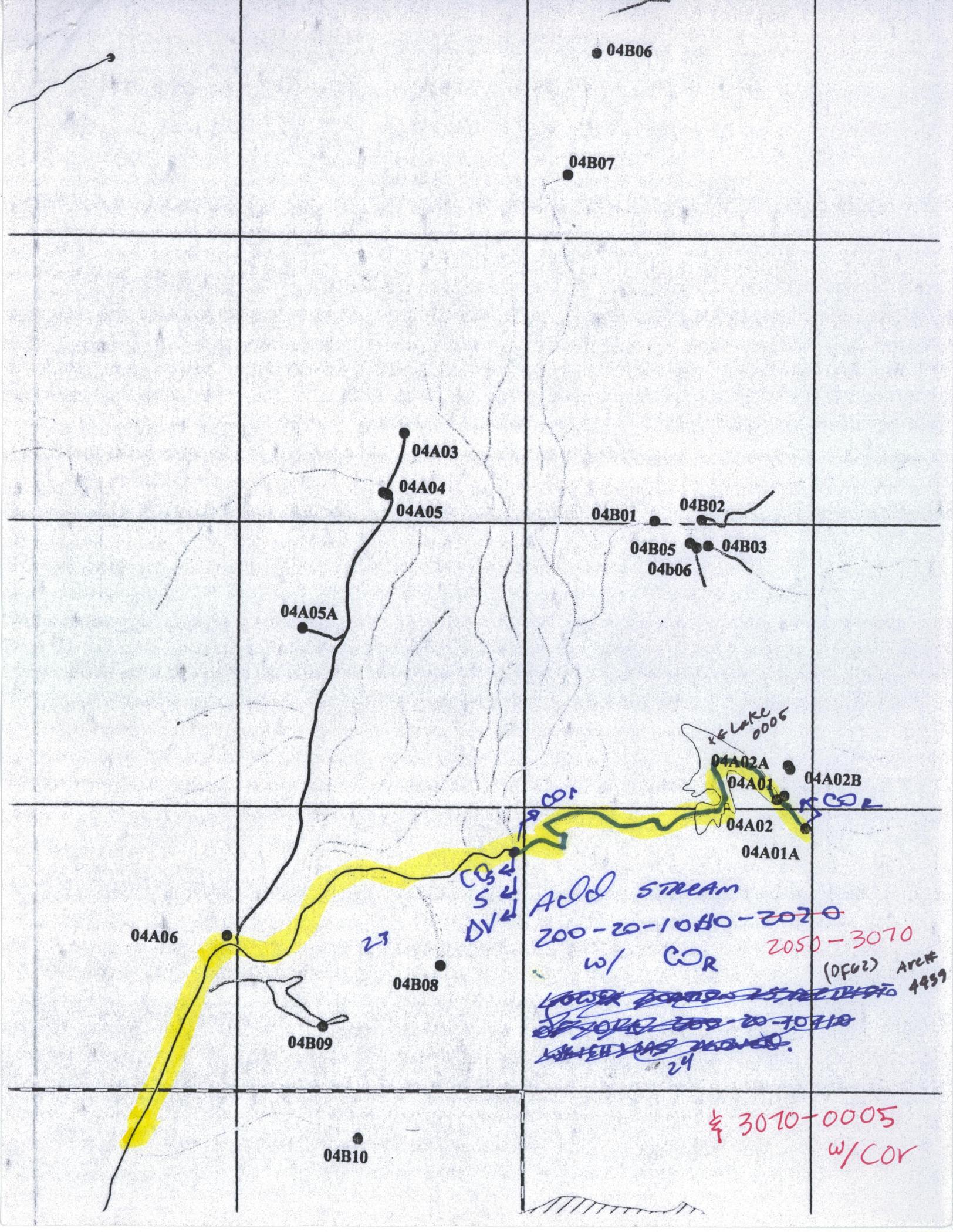
1st Sample near mouth of stream
60.23 461 143 54 582 - upstream barrier to passage for juvenile coho did not observe fish above another log barrier downstream of this site.

stream channel - woody debris abundant

U.L. Conf. N.G.F

UPPER LIMIT OF ANADROMOUS FISH DISTRIBUTION: (DEFINITE) INDEFINITE DESCRIBE:

ROLL NO. 1 FRAME NOS. 27, 28 See GPS location.



04B06

04B07

04A03

04A04

04A05

04B01

04B02

04B05

04B03

04b06

04A05A

Lake 0005

04A02A

04A01

04A02B

04A02

04A01A

04A06

04B08

04B09

04B10

ADD STREAM
 200-20-1040-2070
 w/ COR
 2050-3070
 (DFG) Area# 4459
~~LOWER 200-20-1040-2070~~
~~UPPER 200-20-1040-2070~~
 WHITE PINE MOUNTAIN
 24

1/4 3070-0005
 w/COR