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

MAR 0 9 1999

REGION II
HABITAT AND RESTORATION
DIVISION

AWC Volume SE SC SW W AR IN USGS Quad Cordova B-1

Anadromous Water Catalog Number of Waterway 200-20-10110-~~2070-3019~~ 2050-3070-4019

99 144

Name of Waterway _____ USGS name ____ Local name ____

Addition ✓ Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 99-144		
Revision Year: 00	Regional Supervisor	Date 2/17/00
Revision to: Atlas ____ Catalog ____ Both X	Ed Weiss	4/5/99
Revision Code: A-2	Drafted	Date 5/8/00

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho Salmon	8/27/98		✓		✓
Dolly Varden	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-2)

Name of Observer (please print) Frederick M. Thompson

Date: 3/9/99 Signature: Frederick Thompson

Address: 333 Raspberry Road

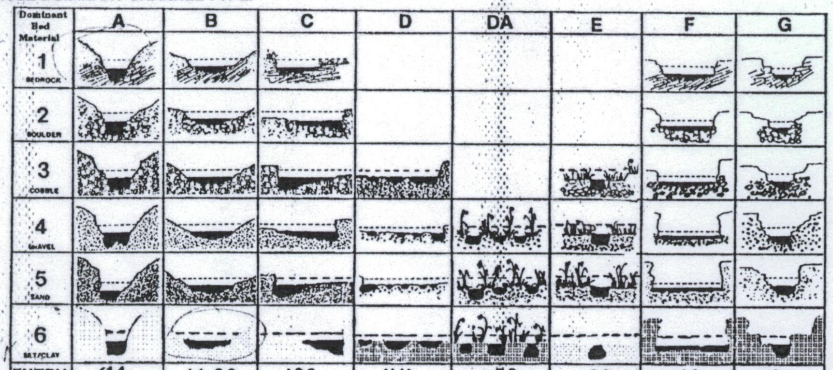
Anchorage, AK 99518

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: _____ Rev. 7/93

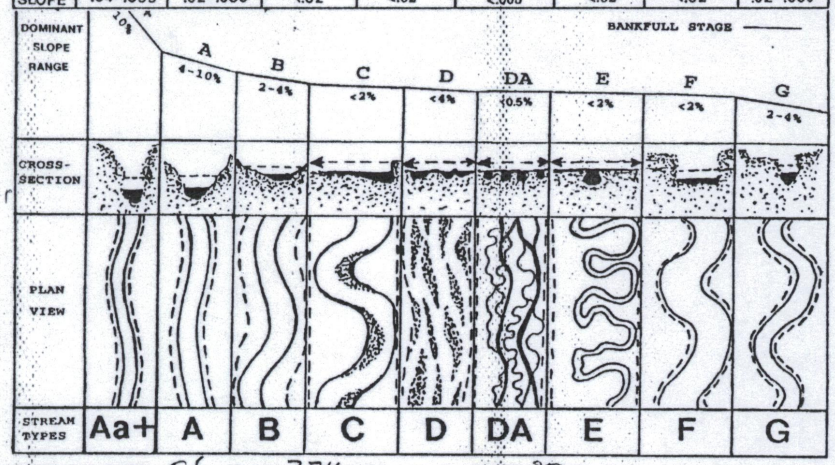
CIRCLE DOMINANT CHANNEL TYPE:

Upper



lower

	A	B	C	D	DA	E	F	G
ENTRH.	<1.4	1.4–2.2	>2.2	N/A	>2.2	>2.2	<1.4	<1.4
SIN.	<1.2	>1.2	>1.4	<1.1	1.1-1.6	>1.5	>1.4	>1.2
W/D	<12	>12	>12	>40	<40	<12	>12	<12
SLOPE	.04–.099	.02–.039	<.02	<.02	<.005	<.02	<.02	.02–.039



Start time 332

Stop time 706

FISH SAMPLING GEAR: ES TIME: 374 AREA: _____ EFFIC: 80 %

CONDUCTIVITY: _____ µmhos

CO	45	50	40						
K									
S									
P									
CH									
DV	95	72							
RB/SH									
CT									

WILDLIFE OBSERVATIONS:

Many coho lower stretches

FISH HABITAT SURVEY FORM

Rev. 8/23/98

SURVEY AREA: _____

STATION NO: 4A2 DATE: 8/27/98 TIME: 11:00p

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

GPS COORDINATES: Lat. 60 23 568 Long. 143 54 674

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

TEMP: AIR _____ WATER _____ STREAM GRADIENT: _____

WATER CLARITY:	SUBSTRATE COMPOSITION (%):		STREAM DIMENSIONS (ft):	
(CLEAR)	MUD	_____	WIDTH	8-1
STAINED	SAND	10	DEPTH, LEFT BANK	8-1
TURBID	GRAVEL	~~55~~ 70	DEPTH, RIGHT BANK	8-1
MUDDY	COBBLE	20	DEPTH, MID-CHANNEL	8-1
MURKY	BLDR/B-ROCK	_____ 100%		

VELOCITY:	None	Slow	Medium	Fast
fps	0	0-1	(1-3)	(3+)

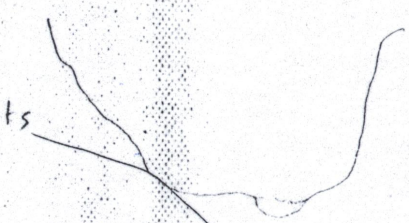
MEASURED VELOCITY: _____

RIPARIAN VEGETATION (WITHIN 66'):

spruce/hemlock woody+leafy shrubs → lower reac

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

Approximate upstream limits



coho very abundant at mouth + lower reaches

high gradient exc in lower reaches coho abundance ver sparse to ≈ 100 ft. o upper distr.

Upper limit coordinates 4A2A

~~N. 60 23 672~~ ~~W. 143 54 665~~

6023 661

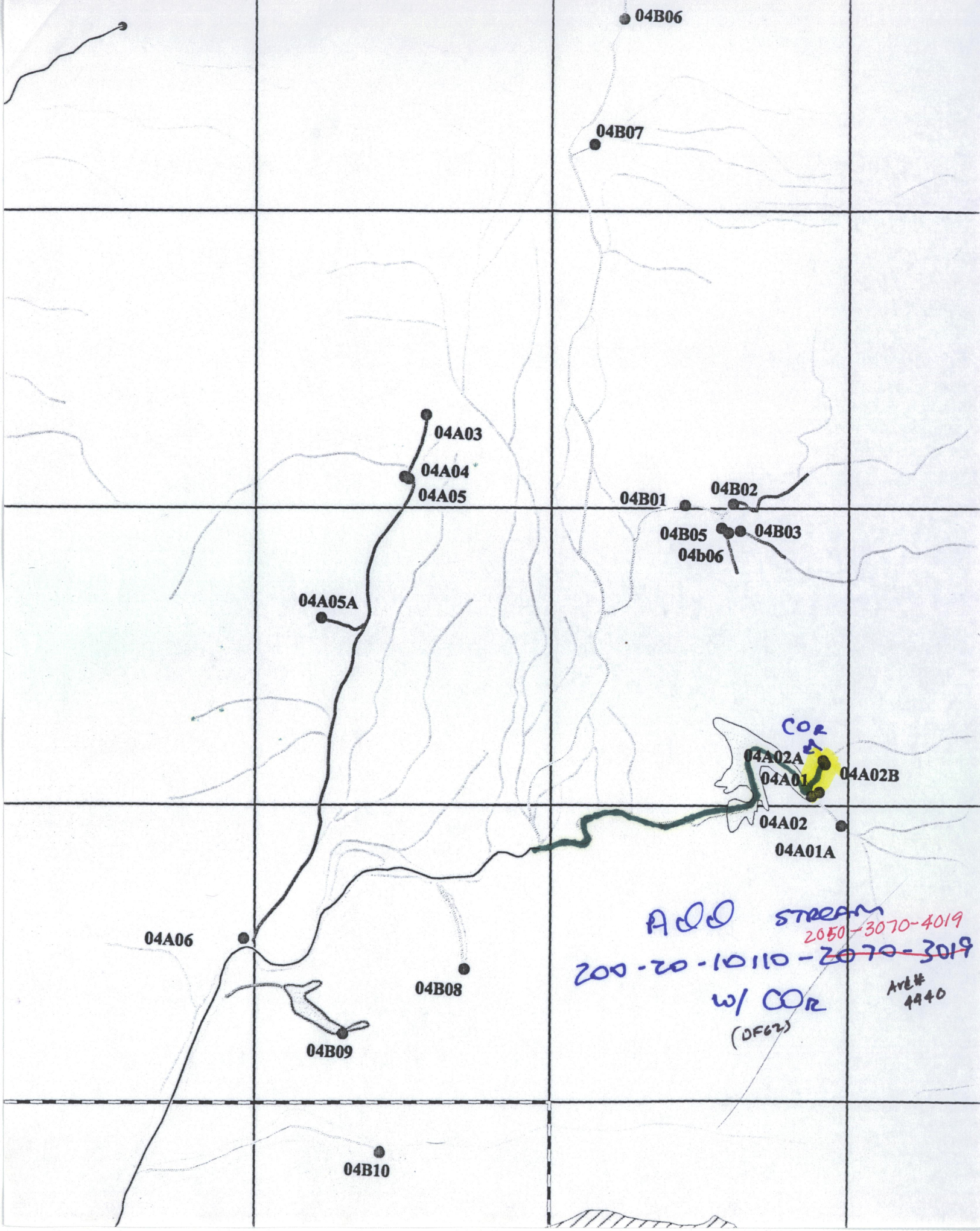
143 54 592

4A2b

UPPER LIMIT OF ANADROMOUS FISH DISTRIBUTION: (DEFINITE) INDEFINITE

DESCRIBE: U.L Conf NGF

ROLL NO. 1 FRAME NOS. ~~27~~ ~~27~~ ~~27, 28~~ 29 30


04B06
04B07
04A03
04A04
04A05
04B01
04B02
04B05
04B03
04b06
04A05A
COR
04A02A
04A01
04A02B
04A02
04A01A
04A06
04B08
04B09
04B10
ADD STREAM
2050-3070-4019
200-20-10110-~~2070-3019~~
w/ COR
(DF62)
Ave# 4440