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

1988
Year of Revision

88-151

Anadromous Water Catalog Volume S.E. Alaska

USGS Quad(s) Bradfield Canal A-5

Name of Waterway unnamed

Anadromous Water Catalog Number of Waterway N/A

101-80-10930

Change to _____ Atlas

_____ Catalog

✓ Both

Addition ✓

Deletion _____

Correction _____

Name addition:

USGS name _____

Local name _____

For Office Use

Nomination # _____

Richard Reed 8/24
Regional Supervisor Date

SJS 11/17/87

FI 11/12/87
Drafted Date

Species	Date(s) Observed	Spawning	Rearing	Migration
Coho	8/15/87	spawning area available	✓	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

Rearing coho were frequently observed. Substrate suitable for coho spawning is present. Fish bones found on upper bank. Copy of survey data attached

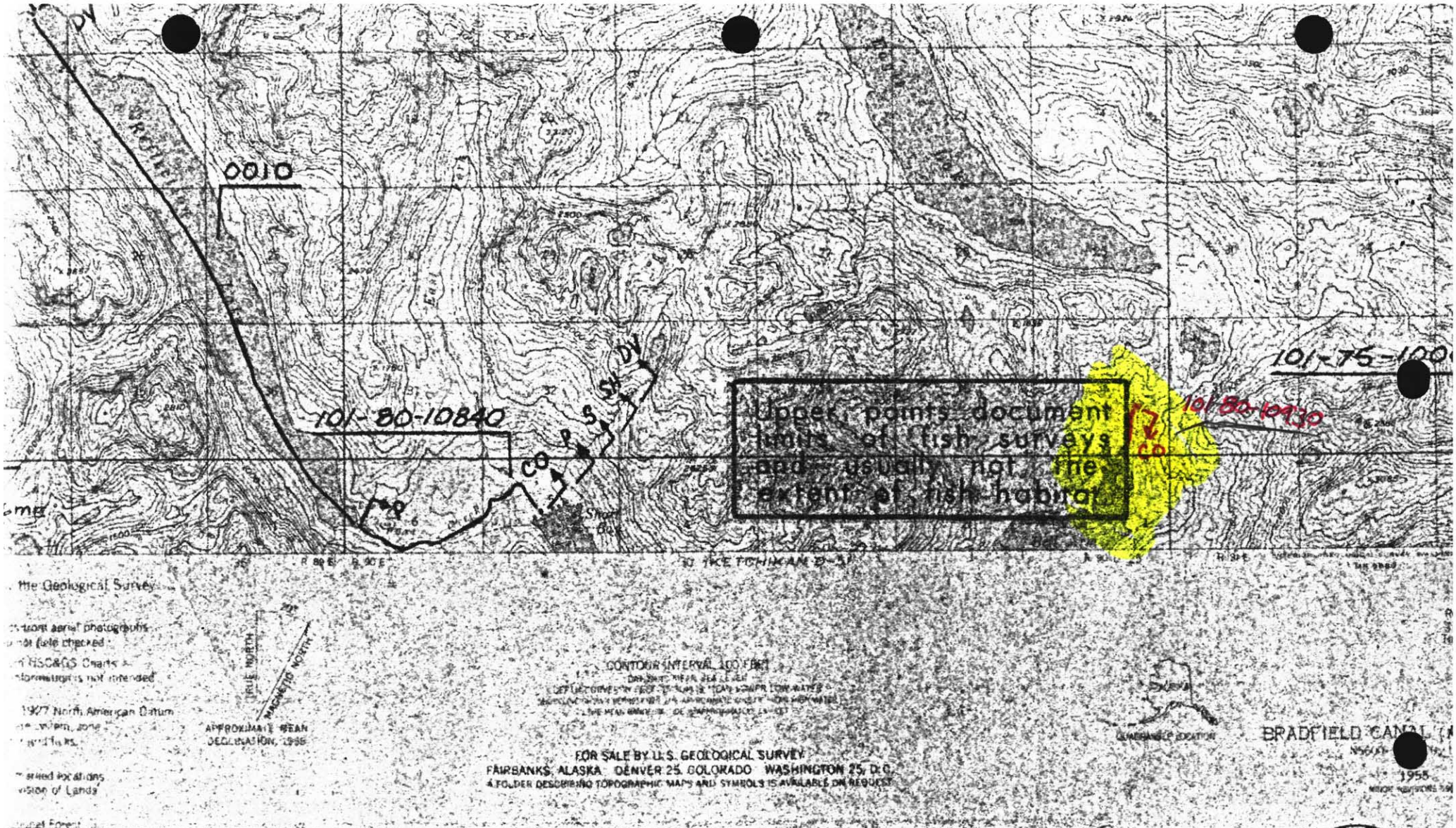
Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) Craig Burns

Date: 8/17/87 Signature: Craig A. Burns

Address: ADF+G
Box 667 Petersburg, AK 99833.

Signature of Area Biologist: Donald A. Cornelius



COMP. DRC
DRAWN CB
REVISED DRC
APPROVED ERL
DATE 4-82

FILE NO.

N

SCALE
1" = 1 MILE
1 : 63,360

PROJ. TITLE

ANADROMOUS STREAM CATALOG

ANADROMOUS WATERS ARE LISTED PURSUANT TO AS 16.05.870 (a)

MAP TITLE

BRADFIELD CANAL A-5

STATE OF ALASKA
DEPARTMENT OF FISH AND
habitat protection
JUNEAU, ALASKA

Bradfield Canal A-5

USDA Forest Service [illegible]ongass National Forest
CHANNEL TYPE [illegible]IFICATION CARD

DATE: 870815 VCU: 729 SEG: 050 SITE: 9001 AREA: 05
R.D.: 052 MGT AREA: K31 SUB SEC: 08 1/4 QUAD: BCA-5SE
STREAM: unnamed ADF&G: to be nominated CREW: Burns
AEROPHOTO YR: 73 FLT: 44 ROLL: 1573 PHOTO: 79
CAMERA PHOTO: (Slides) / Prints
UPSTREAM ROLL: 904 PHOTO: 4
DOWNSTRM ROLL: 904 PHOTO: 5

PRELIM CT: C1.1
FINAL CT: B1

****

WATER: 12 °C AIR: 16 °C WEATHER: cldy, showers

ADJACENT LANDFORM & VEGETATION: SITE DISTURBED: Yes / (No)

	LANDFORM	CANOPY	PA #1	PA #2	PA #3
RIGHT BANK	52	C1.	120		
DIST. w/units			300 ft		
LEFT BANK	52	C1	340	130	
DIST. w/units			20	200	

SIDE SLOPE LENGTH AND ANGLE: UNITS = yds (ft) m / deg (%)

RIGHT DISTANCE:	15	25	45	65	100	200			
GRADIENT:	10	55	10	-10	30	-5			
LEFT DISTANCE:	15	115	200						
GRADIENT:	10	20	10						

STREAM GRADIENT: .75 % METHOD: (Clino) Clino w/Poles HD
MANNING'S N: ____ METHOD: Field or Photo

INCISION DEPTH: (meters)

RIGHT: <1 (1 - 2) 2 - 4 4 - 6 6 - 10 10 - 20 >20
LEFT: (<1) 1 - 2 2 - 4 4 - 6 6 - 10 10 - 20 >20

****

BASIN AREA: 1 sq mi PRECIPITATION: 140 in
% LAKE: 8 SITE ELEV: 30 ft MAX ELEV: 1900 ft

SUBSTRATE

Tally:

____	BEDROCK:	____ %	(>3 FT)
____	SM BOULDER:	5 %	(10 IN TO 3 FT)
____	LG RUBBLE:	2 %	(5 TO 10 IN)
____	SM RUBBLE:	20 %	(2.5 TO 5 IN)
____	CRS GRAVEL:	18 %	(1 TO 2.5 IN)
____	FINE GRAVEL:	10 %	(4 MM TO 1 IN)
____	VFG/SAND:	45 %	(<4 MM)
____	ORGNIC MUCK:	____ %	

STREAM PATTERN

SINGLE
~~MULTIPLE~~
BRAIDED

BANK CONTROL

BEDROCK
MIXED
ALLUVIUM

STREAM GEOMETRY: UNITS = feet meters

	BF	AW					AW	LB	BF
DISTANCE (n.n)	17	15.7	13.7	11.7	9.7	7.7	4.5	3.5	2.7
BF DEPTH (n.nn)	3.3	5	5.1	5.2	5.1	5.2	5	4.7	3.3
ACTIVE DPTH (n.nn)	LEFT BANK	.1	.2	.3	.15	.1	NA	NA	RIGHT BANK

ASA 30%
rearing area 70%

	BF	AW
START	17	15.7
END	2.7	4.5
WIDTH	14.3	11.2
÷ 5 =	3	(rnd down)

RIFFLE	GLIDE	POOL	OTHER
30	65	5	____ %

FISH:	PRESENCE	ABSENCE	IDENTITY
	✓ moderate		coho

LOD TALLY: TRANSECT LENGTH: 158 (ft / m)

LENGTH	DIAMETER (INCHES) 4-6 IN.	6 - 12	12 - 24	24 - 36	>36 IN
ROOT WADS <10 FT.					
10-25	/	///	//		
25-50		/		/	
50-100			E/	//	
>100					

AVERAGE KEY PIECE: Diameter: 24 in Length: 60 ft

COMMENTS: Better spawning gravel upstream of site - Thick brown algae covering embedded substrate at sample site. Stream appears to be low water