State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination for Waters
Important to Anadromous Fish

Region: SOUTHCENTRAL

USGS Quad: Kenai A-7

Anadromous Water Catalog Number: 245-30-10010-2007

Name of Waterway: ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

		For Office Use	
Nomination #	98 223		1/17/98
Revision Year:		Regional Supervisor	Date
Revision to:	Atlas ___ Catalog ___		1/15/98
	Both X	AWC Project Biologist	Date
Revision Code:	A-2		12/16/97
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
COHO SALMON	6/27/95		40+		☑
					☐
					☐
					☐
					☐

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 other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Small section of stream was surveyed to determine presence or absence of anadromous fish species during a ADF&G Habitat & Restoration Division fish habitat survey of the Crescent River area. This small clear tributary to the Crescent River was crossed on a traverse back to the helicopter. At the sample site the stream was about 8 feet across with a sand, gravel and mud bottom. It had a thick cover of alders. A school of 40+ salmonid fry were observed at the site, four were captured and identified by use of electro shocker. Fish were identified as young of year based on a size of 35 - 40 mm. This stream flows out of an large wetland beaver pond area. No barriers were noted and rearing habitat probably extends above the observation point into the beaver pond wetland area.

EDWARD W. WEISS
HABITAT BIOLOGIST

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DESK PHONE: (907) 267-2305

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME

Signature: _____

Date: 12/11/97

ALASKA DEPT. OF FISH & GAME
DEC 12 1997
REGION II
HABITAT AND RESTORATION

This certifies that in my best professional judgment 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: _____

Revision 3/97

CRESCENT RIVER FISH HABITAT SURVEY FORM

Rev. 6/20/95

STATION NO: 1-B-1 DATE: 6/27/95 TIME: _____

OBSERVERS: WEISS McKINNLEY TEAM: A (B) STREAM NO: _____

GPS COORDINATES: Lat. _____ Long. _____

WEATHER: ~~CLEAR~~ PRT. CLDY. (CLOUDY)

STREAM STAGE: HIGH (MEDIUM) LOW

PRECIP: TODAY _____ YESTERDAY _____ THIS WEEK _____

TEMP: AIR _____ WATER _____ STREAM GRADIENT: <10 %

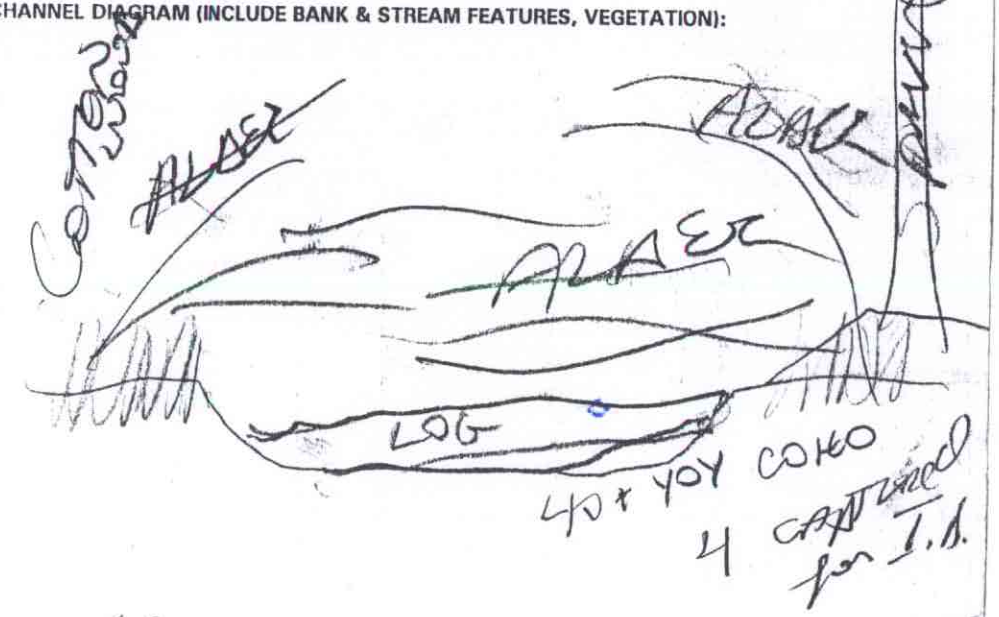
WATER CLARITY: (CLEAR) STAINED TURBID MUDDY MURKY

SUBSTRATE COMPOSITION (%): MUD 20 SAND 20 GRAVEL 60 COBBLE _____ BLDR/B-ROCK _____ 100%

STREAM DIMENSIONS (ft): WIDTH 8' DEPTH, LEFT BANK 6" DEPTH, RIGHT BANK 4" DEPTH, MID-CHANNEL 8"

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

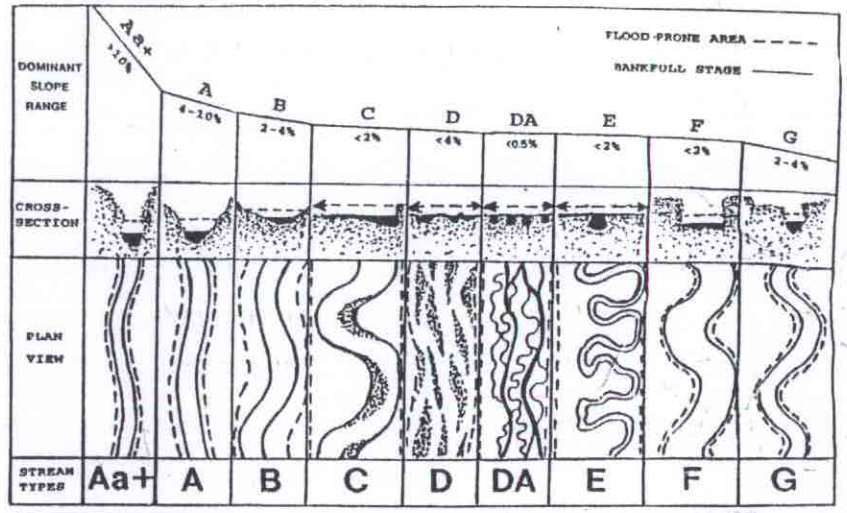
CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):

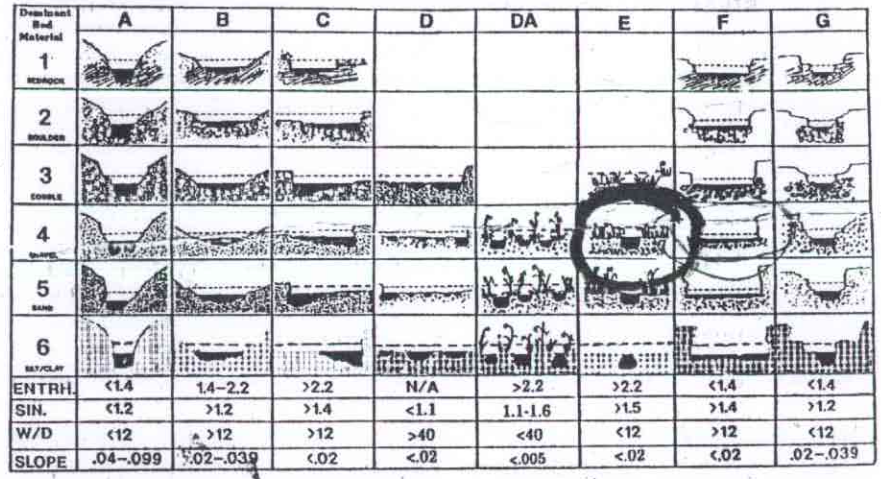


ROLL NO. 1E FRAME NOS. 3-6

AERIAL PHOTO 2-9

CIRCLE DOMINANT CHANNEL TYPE:





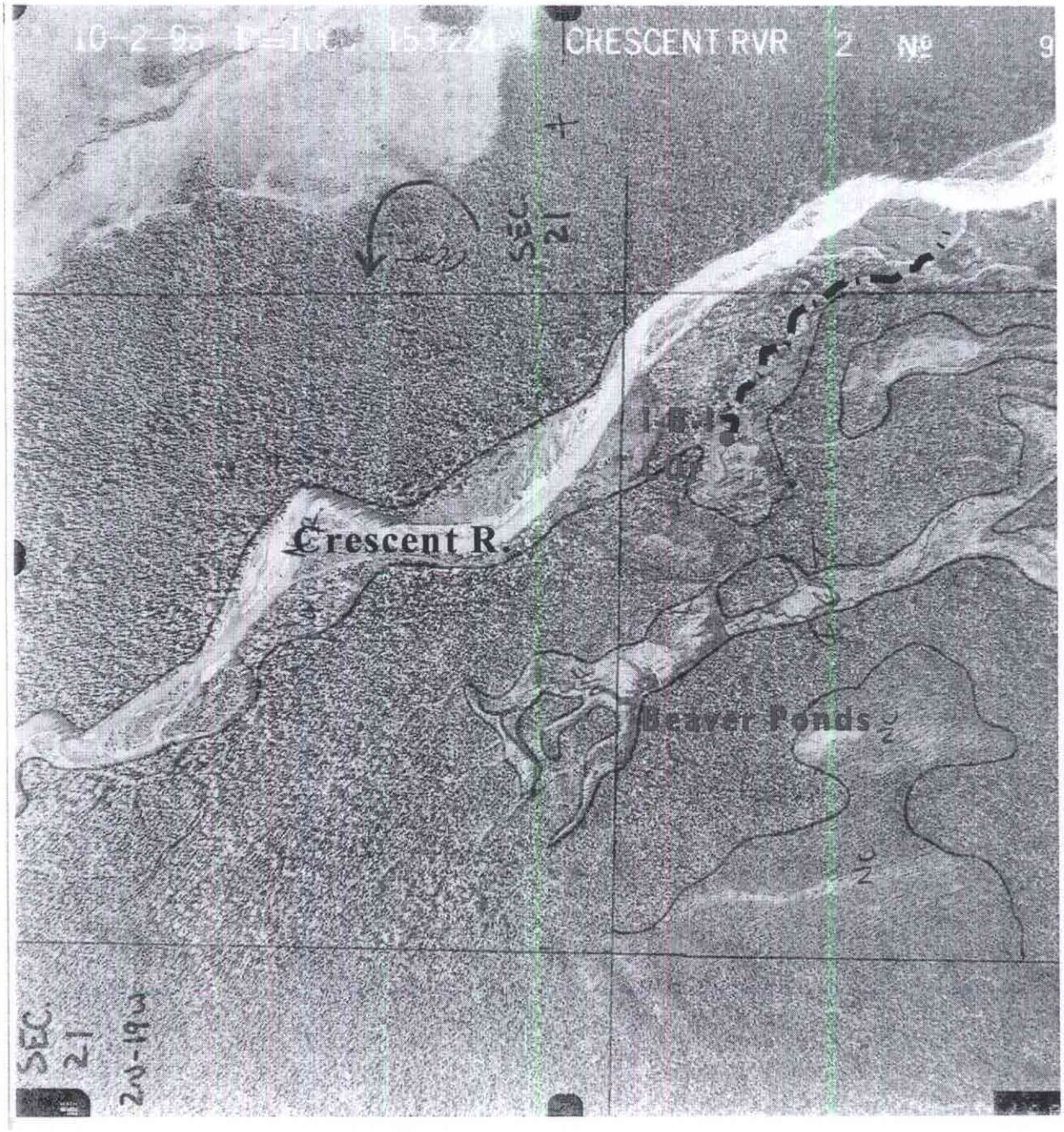
	A	B	C	D	DA	E	F	G
ENTRH.	<1.4	1.4–2.2	>2.2	N/A	>2.2	>2.2	<1.4	<1.4
SIN.	<1.2	>1.2	>1.4	<1.1	1.1-1.6	>1.5	>1.4	>1.2
W/D	<12	>12	>12	>40	<40	<12	>12	<12
SLOPE	.04–.099	.02–.039	<.02	<.02	<.005	<.02	<.02	.02–.039

FISH SAMPLING GEAR: _____ TIME: _____ AREA: _____ EFFIC: _____ %

CONDUCTIVITY: _____ µmhos

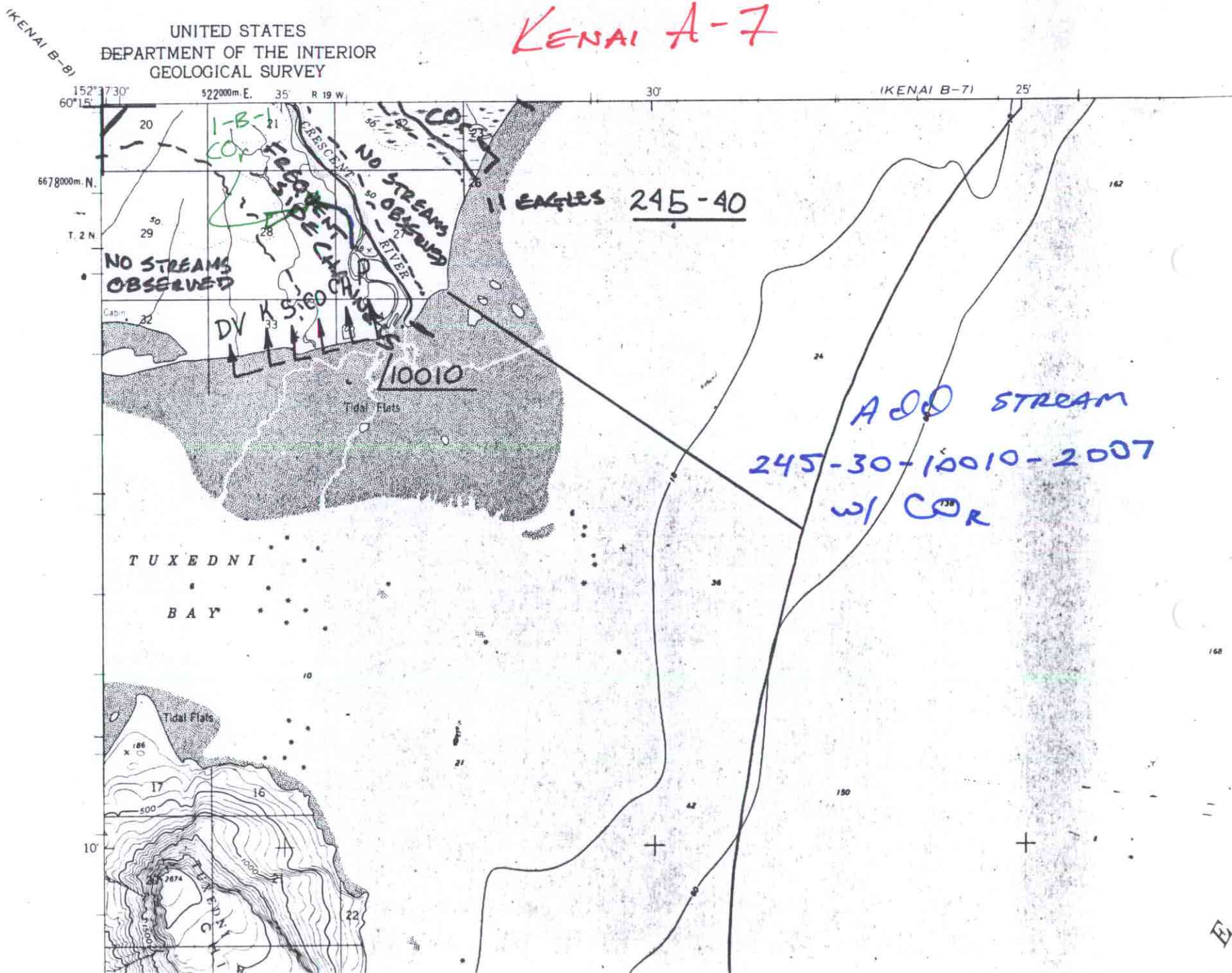
CO	40+		(4 CAPTURED)					
K								
S								
P								
CH								
DV								

WILDLIFE OBSERVATIONS:



Appendix B3.-Aerial photo 2-9; sample site 1-B-1.

Site 1-B-1. Coho salmon rearing. Beaver activity in area causes periodic shifts in stream course locations. Anadromous fish access to potential habitat is not constant. A complex network of side channels, backwaters, and sloughs is located along the southern bank of the lower Crescent River.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
KENAI A-7
(KENAI B-8)
(KENAI B-7)
152°37'30"
60°15'
522000m. E.
35'
R 19 W
30'
25'
6678000m. N.
T. 2 N.
10'
1-B-1
CO
CRESCENT RIVER
NO STREAMS OBSERVED
FREQUENT SIDE CHANNELS
NO STREAMS OBSERVED
11 EAGLES
245-40
DV K S CO CH
10010
Tidal Flats
TUXEDNI
BAY
Tidal Flats
A ∂∂ STREAM
245-30-10010-2007
w/ CO R