

88-036

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

1988  
Year of Revision

Anadromous Water Catalog Volume Southcentral II  
USGS Quad SS Tyonek B-2  
Name of Waterway \_\_\_\_\_  
Anadromous Water Catalog Number of Waterway \_\_\_\_\_  
247-41-10210

ALASKA DEPT. OF  
FISH & GAME  
JUL 07 1987  
REGION II  
HABITAT DIVISION

For Office Use

Nomination # _____
<u>[Signature]</u> <u>7/10/87</u>
Regional Supervisor Date
<u>[Signature]</u> <u>11/20/87</u>
FI Date
Drafted 11/19/87

Change to \_\_\_\_\_ Atlas  
\_\_\_\_\_ Catalog  
X Both  
Addition X  
Deletion \_\_\_\_\_  
Correction \_\_\_\_\_  
Name addition:  
USGS name \_\_\_\_\_  
Local name \_\_\_\_\_

Species	Date(s) Observed	Spawning	Rearing	Migration
Chinook	June 25, 1987		X	

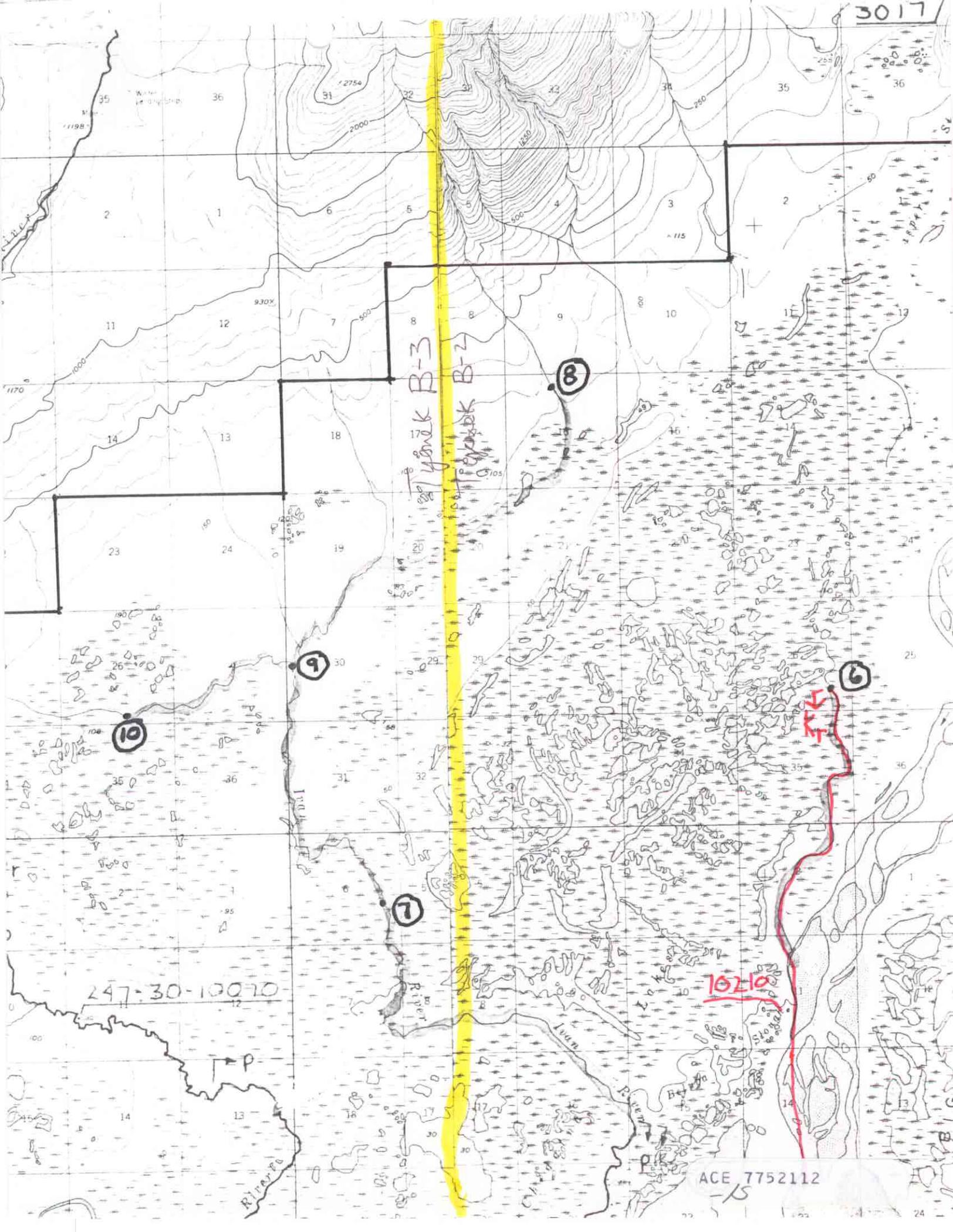
Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

Survey Results attached - chinook fry caught in baited minnow trap at location #6

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) Durand Cook / Stewart Seaberg  
Date: 07/07/87 Signature: Durand R. Cook  
Address: ADF&G / Habitat Div.  
333 Raspberry Rd, Anch AK  
Signature of Area Biologist: Larry Engel

ACE 7752111  
HIS 156



B-3

B-2

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247-30-10070

10210

ACE 7752112

# MEMORANDUM

# State of Alaska

TO: Files DATE: July 7, 1987

FILE NO.: 7-6.7-8.6

THRU: TELEPHONE NO.: 267-2284

SUBJECT: Trip Report  
Susitna Flats State  
Game Refuge

FROM: Stewart Seaberg *SS*  
Habitat Biologist  
Region II  
Habitat Division  
Department of Fish and Game

On June 24 and 25, 1987 surveys were conducted on a variety of streams on the Susitna Flats Game Refuge. The following is a summary and the results of this survey.

On June 24, Durand Cook and I departed for the Susitna Flats area aboard a Bell 206 helicopter at 8:30 a.m. Two minnow buckets baited with salmon roe were placed at each of the eleven sampling points shown on the attached map. The minnow buckets were left to soak overnight, and retrieved the next morning. The results by trapping location are also attached.

Chinook salmon fry were found in nearly all locations. Time did not allow us to measure fish but most fry were in the 1+ and 2+ age classes judging by size. Very few young of the year salmon were caught.

In the future it may be advantageous to fly the area to be surveyed beforehand in a fixed wing aircraft in order to pick out sampling points. Many areas that were picked out to sample did not seem to connect to any flowing water.

## Attachments

cc: Don McKay  
Debby Clausen

ACE 7752113

# Susitna Flats Fish Trapping Results

TRAP #	RESULTS	COMMENT
1	Sculpin	
2	3 Chinook 2 Coho	Slow flowing, iron stained water.
3	29 Coho 27 Chinook	Many Stickelback, Dolly Varden and Burbot also caught.
4	4 Chinook 4 Coho	Upper intertidal zone.
5	4 Chinook	Slow flowing water.
6	7 Chinook	Very little (if any) flow, deep water.
7	14 Chinook	
8	12 Chinook	Excellent rearing, good spawning habitat.
9	23 Chinook	Confluence #8 and #10.
10	45 Chinook	Excellent rearing, good spawning habitat.
11	No fish	Slow flowing, iron stained water.