

FONT YUKON A-2
 CIRCLE B-1

Region INTERIOR

USGS Quad CIRCLE B-2

Anadromous Water Catalog Number of Waterway 334-40-11000-2860-3030-4080

Name of Waterway BIRCH CREEK USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>97 050</u>	<u>[Signature]</u>	<u>12-3-96</u>
Revision Year:	_____	Regional Supervisor	Date
Revision to:	Atlas _____ Catalog _____ Both <u>A/A</u>	_____	_____
Revision Code:	<u>F-1</u>	AWC Project Biologist	Date
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>CHEMOK SALMON</u>	<u>7-25-95</u>		<u>X</u>		<input checked="" type="checkbox"/>
<u>CHUM SALMON</u>	<u>7-26-95</u>			<u>X</u>	<input checked="" type="checkbox"/>
<u>CHUM SALMON</u>	<u>7-28 + 28-95</u>			<u>X</u>	<input checked="" type="checkbox"/>
<u>CHEMOKSALMON</u>	<u>9-8-95</u>		<u>X</u>		<input checked="" type="checkbox"/>
					<input type="checkbox"/>

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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:

SEE ENCLOSED DATA SUPPLIED BY
 KACHER (BLM)

ALASKA DEPT. OF
 FISH & GAME

Name of Observer (please print) _____

DEC 23 1996

Date: _____ Signature: _____

Address: _____

REGION II
 HABITAT AND RESTORATION
 DIVISION

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: _____

Anadromous Fish Observations in Birch Creek, Alaska 1995

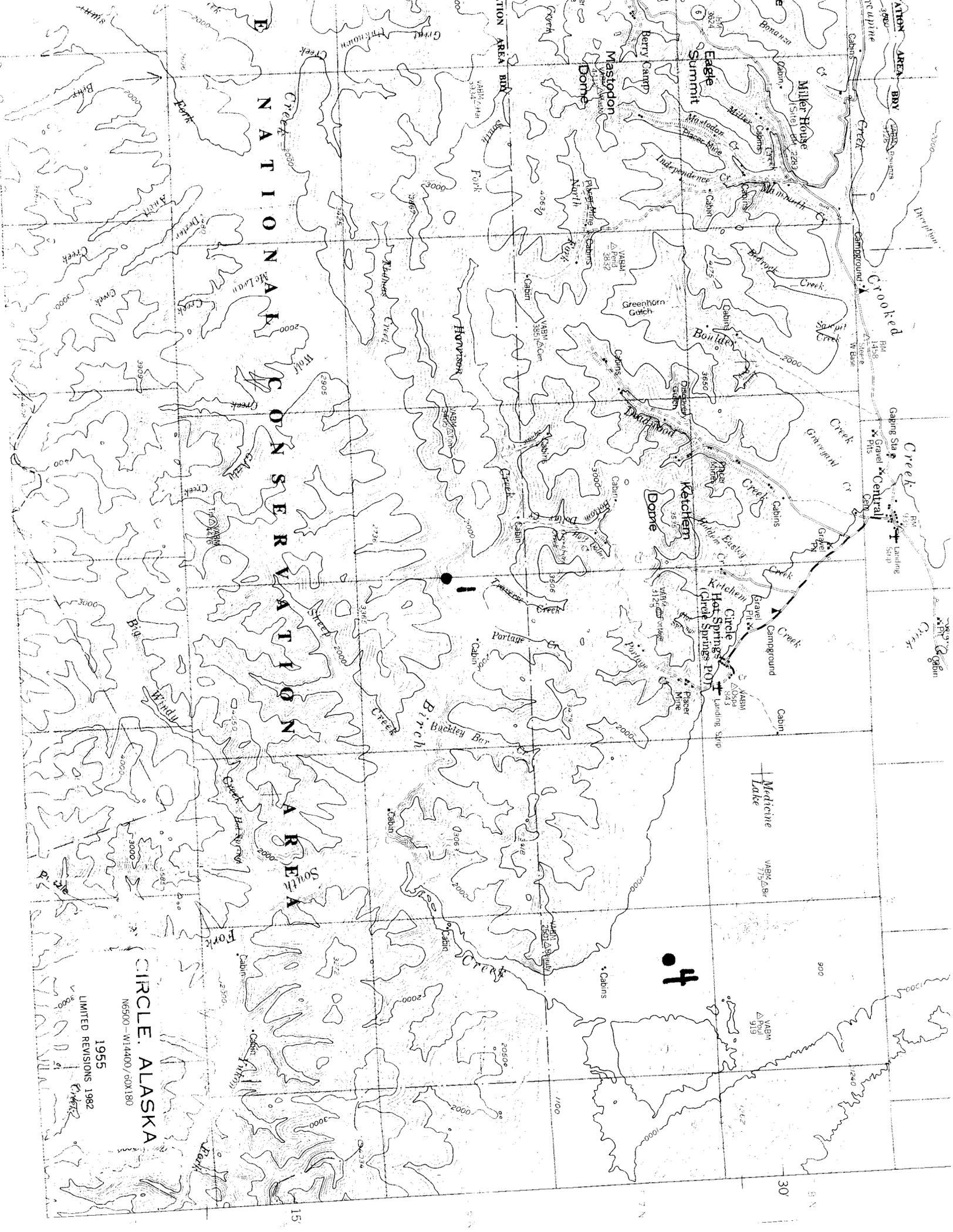
- 1. July 25, 1995** - Three juvenile chinook salmon were captured by minnow trap (baited with salmon roe, 1/4" mesh, .3m water depth, CPUE = one king per 78.3 trap hour) at the confluence of Birch and Harrison Creek
(Latitude 65° 20.25' North, Longitude 144° 44.56' West).

- 2. July 26, 1995** - One adult female chum salmon was captured by variable mesh gill net (approximately 2.8m water depth) in mainstem Birch Creek
(Latitude 66° 07.40' North, Longitude 144° 53.24' West).

- 3. July 27, 1995** - One adult male chum salmon was captured by variable mesh gill net (approximately 1.8m water depth, 11.7° C, conductivity 30 us/cm, dissolved oxygen 10.15 mg/L, total dissolved solids 21.0 mg/L) at the confluence of Birch and Preacher Creek
(Latitude 66° 07.43' North, Longitude 144° 50.30' West).
Additionally, on July 28, 1995, another adult chum salmon was captured by variable mesh gill net and three sheefish were taken by hook and line at this same location.

- 4. September 8, 1995** - Eleven chinook salmon juveniles were captured by minnow trap (baited with salmon roe, 1/4" mesh, .45m water depth, temp 5.5° C, conductivity 145.4 us/cm, dissolved oxygen 12.5 mg/L @ 98.3% saturation, total dissolved solids 72.8 mg/L, CPUE= one king per 15.8 trap hour) in mainstem Birch Creek
(Latitude 65° 26.33' North, Longitude 144° 16.40' West).

Anadromous Fish Observations in Birch Creek, Alaska 1995							
Date	Species	Fork Length (mm)	Weight (g)	Sex	Location	Remarks	CPUE
25-Jul	KS	65	2.8		Harrison Creek	minnow trap	one king per 78.3 trap hour
25-Jul	KS	62	2.2		Harrison Creek	minnow trap	one king per 78.3 trap hour
25-Jul	KS	67	2.7		Harrison Creek	minnow trap	one king per 78.3 trap hour
26-Jul	CS	645	2500	F	Birch Creek	gill net	
27-Jul	CS	654	2800	M	Preacher Creek	gill net	
27-Jul	CS	667	2700	M	Preacher Creek	gill net	
27-Jul	SF	678	2500		Preacher Creek	hook and line	
27-Jul	SF	688	2800		Preacher Creek	hook and line	
27-Jul	SF	518	1100		Preacher Creek	hook and line	
9-Sep	KS	78			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	75			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	70			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	74			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	69			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	74			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	76			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	80			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	78			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	84			Birch Creek	minnow trap	one king per 15.8 trap hour
9-Sep	KS	76			Birch Creek	minnow trap	one king per 15.8 trap hour



CIRCLE, ALASKA

NE500-W14400/COX180

1955
LIMITED REVISIONS 1982

