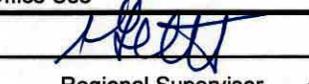
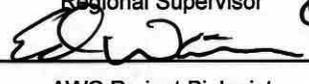
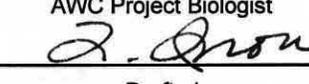


State of Alaska
 Department of Fish and Game
 Nomination for Waters
 Important to Anadromous Fish

Region INTERIOR ↓ USGS Quad TANANA B-1
 Anadromous Water Catalog Number of Waterway 334-40-11000-2600
 Name of Waterway MINOOK CREEK USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>97 053</u> Revision Year: _____ Revision to: Atlas _____ Catalog _____ Both <u>X</u> Revision Code: <u>A-1</u>	<div style="text-align: center;">  Regional Supervisor OKLLT  AWC Project Biologist  Drafted </div> <div style="text-align: right;"> Date <u>12-3-96</u> Date <u>12/17/97</u> Date <u>1/14/98</u> Date _____ </div>
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OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>CHINOOK SALMON</u>	<u>9-14-96</u>		<u>X</u>		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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:
ENCLOSED ABR REPORT, FIELD SAMPLING
IN NANA CHUM SALMON @ MOUTH OF GRANITE CRK.
COLLECTED BY AL TOWNSEND, PHOTO TAKEN. PER PHONE CONVER.
AL. OTT 12/17/97
EW

ALASKA DEPT. OF
 FISH & GAME
 DEC 23 1996
 REGION II
 HABITAT AND RESTORATION
 DIVISION

Name of Observer (please print) _____
 Date: 11/29/96 Signature: _____
 Address: _____

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: Russell R. Alder 12/3/96 Revision 11/96



Post-It™ brand fax transmittal m 7671 # of pages > 3	
To Cheryl Seifert	From Brian Lawhead
Co. ADFG	Co. ABR
Dept. Sport Fish	Phone # 907-455-6777
Fax # 907-465-2772	Fax #

- FILE COPY**
- SGW _____
 - CRH _____
 - RFM _____
 - AGO uuu ✓
 - RAP _____
 - RTS _____
 - AHT ✓
 - PKW _____
 - IFW _____

RECEIVED

November 5, 1996

NOV 12 1996

Ms. Cheryl Seifert
 Alaska Department of Fish & Game
 Division of Sport Fish
 P. O. Box 25526
 Juneau, AK 99802-5526

Alaska Dept. of Fish & Game
 Habitat - Region III

Dear Ms. Seifert:

This letter constitutes our report on activities conducted under Fish Resource Permit No. SF-96-081, covering the period from 20 August to 5 October 1996. The permit was obtained for stream sampling in the Minook Creek drainage in central Alaska, as part of the environmental analysis for the Eureka-Rampart Road Location Study being conducted under contract for ADOT/PF.

Field work was conducted during 12-14 September, and was based out of Lost Creek Ranch about 11 miles north of Eureka. Sampling was conducted at six sites in Minook Creek and two sites in tributary streams (Hoosier and Granite creeks). Methods used included minnow trap sets, electroshocking, and a limited amount of hand seining. All fish captured were taken in minnow traps. Captures are detailed in the two attached tables, which list capture locations, trapping effort, species and number of individuals captured, and lengths of captured fish.

The 37 fish captured comprised 16 chinook salmon, 13 Dolly Varden, 1 Arctic grayling, and 7 slimy sculpin. The capture of chinook salmon fingerlings in Minook Creek near Slate Creek (sampling site no. 3) confirms the use of this stream as rearing habitat for this species to an upstream extent not currently reflected in the anadromous waters catalog. For this reason, 5 chinook specimens were retained and preserved in alcohol as voucher specimens to support nomination of that stream for the catalog; these specimens will be turned over to the Habitat Division here in Fairbanks. All 13 Dolly Varden were frozen and transferred to the possession of Fred DeCicco (Sport Fish, Fairbanks) for genetic study of stock identity (and will be reported under his permit). The remaining 19 fish were released. Please call me if you have any questions regarding this report. Thank you.

*Kenalt
 retained ADFG + AS
 took samples
 for Fred*

Sincerely,

Brian E. Lawhead

Brian E. Lawhead
 Senior Research Biologist

Two attachments

Table 1. Fishing effort and capture results for minnow traps in the Minook Creek drainage, 12–14 September 1996.

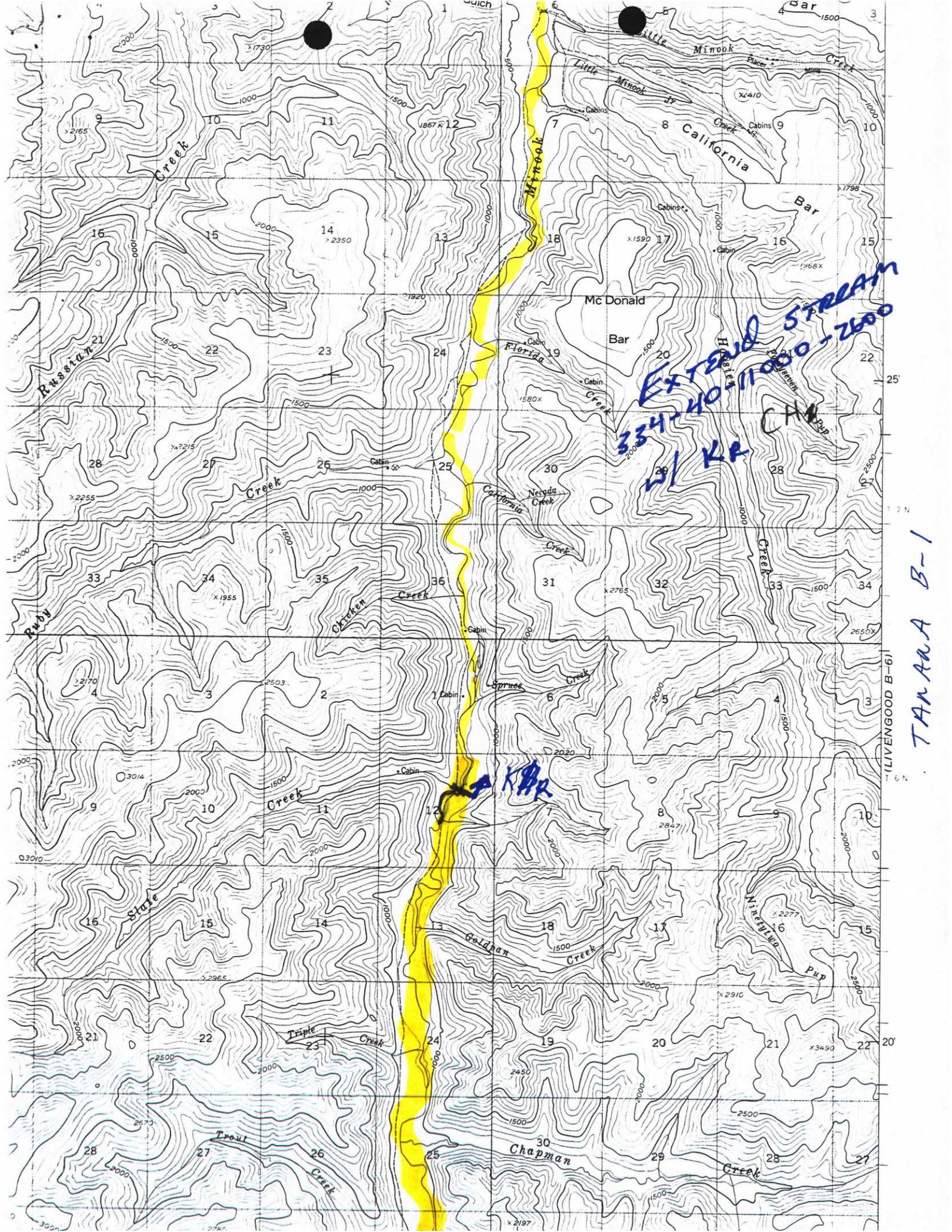
Site No.	Location	Trap Set		Trap Removed		Trap Hrs.	Captures	
		Date	Time	Date	Time		Species	No.
1	Hoosier Cr., near mouth	12-Sep-96	1730	14-Sep-96	1445	46.25	Chinook salmon	11
							Arctic grayling	1
							Slimy sculpin	2
2	Minook Cr., near Hoosier Cr.	12-Sep-96	1810	14-Sep-96	1500	44.83		0
3	Minook Cr., near Slate Cr.	12-Sep-96	1900	14-Sep-96	1410	43.17	Chinook salmon	5
							Dolly Varden	2
							Slimy sculpin	5
4	Minook Cr., near Slate Cr.	12-Sep-96	1910	14-Sep-96	1420	43.17	Dolly Varden	1
5	Minook Cr., near Lost Cr.	12-Sep-96	2115	13-Sep-96	830	11.25		0
6	Minook Cr., near Lost Cr.	12-Sep-96	2115	13-Sep-96	830	11.25	Dolly Varden	3
							13-Sep-96	830
7	Minook Cr., near Lost Cr. Ranch	13-Sep-96	1030	13-Sep-96	2020	9.83		0
							13-Sep-96	2020
8	Granite Cr., near mouth	13-Sep-96	1950	14-Sep-96	940	13.83	Dolly Varden	3
TOTAL						244.00		37

Table 2. Lengths of fishes captured in the Minook Creek drainage, 12–14 September 1996.

Site No.	Data ^a	Chinook Salmon	Dolly Varden	Arctic Grayling	Slimy Sculpin ^b
1	No. caught	11	0	1	2
	Length	73		74	not measured
	Length	73			not measured
	Length	74			
	Length	74			
	Length	75			
	Length	76			
	Length	76			
	Length	79			
	Length	82			
	Length	82			
	Length	90			
3	No. caught	5	2	0	5
	Length	81	93		93
	Length	81	94		not measured
	Length	83			not measured
	Length	84			not measured
	Length	not recorded			not measured
4	No. caught	0	1	0	0
	Length		83		
6	No. caught		3		
	Length		118		
	Length		127		
7	No. caught	0	4	0	0
	Length		106		
	Length		122		
	Length		138		
8	No. caught	0	3	0	0
	Length		108		
	Length		109		
	Length		124		

^a Length (in mm) is fork length for all species except slimy sculpin, which is total length.

^b Only one specimen was measured.



EXTEND STREAM
334-40-11000-2500
W/ KAR

KAR

TAN AA A B-1

LIVENGOOD B-61

