

1990

Approved

Nomination for Waters Important to Anadromous Species

Name of Waterway CARBON CREEK  
AWC# of Waterway 334-40-11000-2490-  
3151-4020-5283  
AWC Volume & Number Interior VI  
USGS Quad CIRCLE B-B

<u>Al Holt</u>	<u>10/04/89</u>
Regional Supervisor	Date
<u>90 97</u>	
Drafted	

Addition \_\_\_\_\_ Correction \_\_\_\_\_  
Deletion \_\_\_\_\_ Change \_\_\_\_\_  
DATA X  
Change to \_\_\_\_\_ Atlas  
\_\_\_\_\_ Catalog  
\_\_\_\_\_ Both

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>ATTACHED</u>				

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

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) AL OTT AL TOWNSEND  
Date: 10/3/89 Signature: Al Holt Al Townsend  
Address: 1300 Colledge Road  
Fairbanks, AK 99701

ALASKA DEPT. OF FISH & GAME

OCT 11 1989

REGION II HABITAT DIVISION

## UNNAMED CREEK

Location - Circle B-6, Section 5, T5N, R6E, FM (this creek enters Chatanika River from the south approximately 1/8 mile downstream of Caribou Creek)

Sample Reach - mouth of stream at confluence with Chatanika River

Sample Gear - visual

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - no defined channel, aquatic habitat rated #1

Sample on August 4, 1989 - water clear, discharge less than 50 gallons/minute, flow enters Chatanika River through vegetative mat along a cut bank of the Chatanika

Summary of 1989 Sampling - anadromous fish habitat not present, recommend that this stream be deleted from the catalog

## CARIBOU CREEK

Location - Circle B-6, Section 5, T5N, R6E, FM

Sample Reach - 300 ft reach from mouth of Caribou Creek upstream

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - cobble/gravel with some boulders substrate with undercut banks and overhanging vegetation, no fish barriers observed, aquatic habitat rated #3

Sample on August 4, 1989 - water clear (40 F), discharge 4 cfs, 35 slimy sculpin, 4 arctic grayling(240, 220, 144, 115 mm), and 1 chinook salmon (52 mm) collected and released

Summary of 1989 Sampling - anadromous fish habitat present with use by chinook salmon juveniles documented, recommend no change to the catalog

## CARIBOU CREEK

Location - Circle B-6, Section 5, T5N, R6E, FM

Sample Reach - 400 ft reach immediately downstream of Steese Highway, approximately 1/4 mile from Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach - cobble/gravel substrate with overhanging vegetation and undercut banks

Observations - no fish barriers observed, Steese Highway culvert (outlet control) completely filled with instream gravel/cobble, aquatic habitat rated #3

Sample on July 21, 1989 - water clear (39 F), discharge 3 cfs, 4 arctic grayling (261, 175, 117, 98 mm) and 56 slimy sculpin collected and released

Summary of 1989 Sampling - anadromous fish habitat present but no documentation of use by anadromous fish, recommend no change to the catalog

## CARIBOU CREEK

Location - Circle B-6, Section 5, T5N, R6E, FM

Sample Reach - 300 ft reach immediately downstream of the Old Steese Highway, approximately 1/2 mile from Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - cobble/gravel substrate with overhanging vegetation and undercut banks, no fish barriers observed, culvert in Old Steese Highway slightly perched with evidence of gravel washouts, aquatic habitat rated #3

Sample on July 21, 1989 - water clear (43 F), discharge 3 cfs, 6 arctic grayling (205, 204, 278, 254, 157, 193 mm) and 2 slimy sculpin collected and released

Summary of 1989 Sampling - anadromous fish habitat present but no documentation of use by anadromous fish, recommend no change to the catalog

## CARIBOU CREEK

Location - Circle B-6, Section 5, T5N, R6E, FM

Sample Reach - 300 ft reach immediately upstream of the Old Steese Highway, approximately 1/2 mile from Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach not in catalog

Description of Sample Reach and Observations - cobble/gravel substrate with overhanging vegetation and undercut banks, no fish barriers observed, aquatic habitat rated #3

Sample on July 21, 1989 - water clear (43 F), discharge 3 cfs, 7 arctic grayling (225, 137, 141, 176, 199, 134, 140 mm) and 7 slimy sculpin collected and released

Summary of 1989 Sampling - anadromous fish habitat present but no documentation of use by anadromous fish, recommend no change to catalog

## UNNAMED CREEK

Location - Circle B-6, Section 4, T5N, R6E, FM (this creek enters Chatanika River from the south approximately 1/4 mile upstream of Caribou Creek)

Sample Reach - 100 ft reach from mouth of Unnamed Creek upstream

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - cobble/gravel/silt substrate with debris present, overhanging vegetation, partial fish barrier (natural) present, aquatic habitat rated #2

Sample on August 4, 1989 - water clear (45 F), discharge 1/2 cfs, 12 slimy sculpin and 1 chinook salmon (64 mm) collected and released

Summary of 1989 Sampling - anadromous fish habitat present with use by chinook salmon juveniles documented, recommend no change to catalog