

1991-92 ANNUAL TRAPPING PLAN

Mark Twain National Wildlife Refuge  
Annada District

Clarence Cannon National Wildlife Refuge  
Delair Division  
Gardner Division  
Gregory Landing Division

Prepared by: Diane M. Harris Date: 08/19/91  
Assistant Refuge Manager

Submitted by: N. Ross Adams Date: 8/19/91  
Refuge Manager

Concurrence: [Signature] Date: 8/20/91  
Project Leader, Mark Twain NWR

Reviewed by: [Signature] Date: 9-5-91  
WAM-2 Biologist

Reviewed by: William H. Hutchinson Date: 10/9/91  
AWAM-2

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
WAM-2

## CLARENCE CANNON NATIONAL WILDLIFE REFUGE

### Annual Trapping Assessment

Beaver and muskrat populations have reached a level where they are interfering with refuge operations. Beaver have plugged water control structures and ditches, and muskrats have damaged dikes. Many hours have been spent clearing water control structures and breaking up beaver dams.

An aerial survey conducted in January of 1991 showed 72 muskrat houses in Crane pond and 170 muskrat houses in Big pond. Population levels for the refuge are estimated at 500 muskrat and 25 beaver.

Last year's trapper did not begin trapping until March when we called him. Therefore, he harvested only three beaver, two from Hemphill crossing and one from Big pond.

### Trapping Proposal

Trapping of beaver and muskrat will be conducted in fiscal year 1992. Mr. Bob Wilson, who has trapped on the refuge for several years now, will be selected this year to harvest beaver and muskrat. If he chooses not to trap again, an announcement and application process will be conducted for selecting another trapper.

Trapping areas, regulations, equipment, and seasons are outlined below and in the Appendix. Trapping will be conducted in accordance with the Missouri State regulations and seasons and special permit conditions.

Trapping will cease after quotas are reached or at the discretion of the Refuge Manager. Quotas and seasons are as follows:

Beaver	December 1 - March 31	20 animals
Muskrats	December 1 - January 5	80 animals

The trapping season will begin after the waterfowl hunting season so that disturbance to waterfowl is lessened. By the time trapping begins in December, waterfowl populations will have already peaked.

Trapping operations should not disturb or endanger wintering bald eagles. Should disturbance occur, the trapping permit will be cancelled. Special conditions of the permit requiring covered traps and prohibiting the use of bait will ensure that eagles and other raptors do not come into contact with traps.

### Administrative Costs

Costs associated with the program will be conducting the application process and inspecting the trap line. This is estimated at 16 staff-hours at a cost of \$250.

DELAIR DIVISION

Annual Trapping Assessment

Present beaver and muskrat populations interfere slightly with refuge operations. Beaver have plugged water control structures and ditches. However, trapping is not yet necessary, but may be in a few years.

An aerial survey conducted in January of 1991 showed 166 muskrat houses in Cattail marsh and 5 muskrat houses in Lower butcher pond.

Trapping Proposal

No trapping is planned for fiscal year 1992.

GARDNER DIVISION

Annual Trapping Assessment

The Gardner Division is open to hunting in accordance with Illinois State regulations. This activity, and the legal trapping that occurs along the refuge boundary, keeps populations at acceptable levels without the difficulties of special use permits and law enforcement.

Trapping Proposal

No trapping is planned for fiscal year 1992.

GREGORY LANDING DIVISION

Annual Trapping Assessment

Gregory Landing was acquired by the Service in January 1989. To date there has not been any evidence of beaver or muskrat activity causing problems. Trapping may be necessary in the future.

Trapping Proposal

No trapping is planned for fiscal year 1992.

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APPENDIX

# NEWS U.S. FISH & WILDLIFE SERVICE INVESTS

north central region



September 24, 1991

FOR IMMEDIATE RELEASE

Mark Twain National Wildlife Refuge  
Annada District  
P.O. Box 88, Annada, MO 63330  
Contact: Ross Adams, Refuge Manager  
or Diane M. Kania, Asst. Refuge Manager  
(314) 847-2333

## FUR TRAPPER NEEDED

ANNADA, MISSOURI - The Mark Twain National Wildlife Refuge, Annada District, is currently accepting applications to trap beaver and muskrat on a portion of the 3,752-acre Clarence Cannon National Wildlife Refuge this season. One trapper will be allowed to harvest up to 20 beaver and 80 muskrats in designated areas of the refuge. Dates of trapping will be from December 1 to March 31 for beaver and from December 1 to January 5 for muskrats. The trapping will be conducted in accordance with both Missouri State regulations and special refuge permit conditions.

The trapping program has been initiated in order to control the population levels of beaver and muskrat on the refuge. Without this control, these animals cause damage to the dikes and water control systems that are essential for maintaining quality habitat for waterfowl and other wildlife.

Interested persons must complete a trapping permit application. Applications will be accepted from now until the close of business on November 1, 1991. To obtain an application and an information packet, call or visit the refuge headquarters one mile east of Annada. Office hours are 7:30 a.m. to 4:00 p.m., Monday through Friday. Refuge staff are not always in the office, so it is best to call ahead before visiting. The refuge phone number is (314) 847-2333.

\* \* \* FWS \* \* \*



DEPARTMENT OF THE INTERIOR  
U.S. FISH AND WILDLIFE SERVICE



## APPLICATION FOR REFUGE FUR TRAPPING PERMIT

### Notice:

In accordance with the Privacy Act of 1974, 5 U.S.C. 552a, please be advised that:

1. The permitting of trapping on lands of the National Wildlife Refuge System is authorized by the National Wildlife Refuge System Administration Act (16 U.S.C. 668dd-668ee) and the Refuge Recreation Act, 16 U.S.C. 460k-3; implemented by regulations in 43 CFR 24.3 and 50 CFR 31.16.
2. The application form will be used by Service personnel to evaluate the qualifications and conclude the eligibility of each applicant.
3. Routine use disclosures may also be made (1) to the U.S. Department of Justice when related to litigation or anticipated litigation; (2) of information indicating a violation or potential violation of a statute, regulation, rule, order or license, to appropriate Federal, State, local or foreign agencies responsible for investigating or prosecuting the violation or for enforcing or implementing the statute, rule, regulation, order or license; (3) from the record of an individual in response to an inquiry from a Congressional office made at the request of that individual (42 FR 19083; April 11, 1977).
4. The information requested in this application form is purely voluntary, but failure to answer questions may jeopardize the eligibility of individuals to receive permits.

Refuge name, address and telephone number:

Mark Twain National Wildlife Refuge, Annada District  
P.O. Box 88  
Annada, MO 63330  
314/847-2333

### TO BE COMPLETED BY APPLICANT

NAME \_\_\_\_\_

AGE\* \_\_\_\_\_

\*Applicant must have obtained the age of majority in the State in which trapping will occur.

ADDRESS: STREET/BOX \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_

ZIP CODE \_\_\_\_\_

TELEPHONE \_\_\_\_\_

NAME OF PARTNER \_\_\_\_\_

(Note: Partnerships must be authorized by the Refuge Manager, and each partner must complete an application.)

THIS SECTION APPLIES ONLY TO CERTAIN REFUGES REQUIRING FINANCIAL COMMITMENT OR REMITTANCE AT THE TIME OF APPLICATION

A. Indicate amount of bid or fee for each unit or area you wish to trap. (Note: There may be restrictions on the number of units an individual may trap. Certain units may also have special restrictions. See special conditions.)

<u>unit/area</u>	<u>bid/fee</u>	<u>unit/area</u>	<u>bid/fee</u>	<u>unit/area</u>	<u>bid/fee</u>
_____ \$	_____	_____ \$	_____	_____ \$	_____
_____ \$	_____	_____ \$	_____	_____ \$	_____
_____ \$	_____	_____ \$	_____	_____ \$	_____
_____ \$	_____	_____ \$	_____	_____ \$	_____

B. My deposit or payment of \$ \_\_\_\_\_ is enclosed. (Payment shall be by cashier's check, or bank or postal money order payable to "U.S. Fish and Wildlife Service." If you do not qualify or are not selected, payment will be returned.)

TO BE COMPLETED BY APPLICANT

Previous trapping experience:

- A. Species, and estimated number of each, trapped previously (average per year for most recent 5 years of trapping, e.g. muskrat-200, fox-25, etc.): \_\_\_\_\_
- B. Trap system (trap types and sets etc.) used previously: \_\_\_\_\_
- C. Location(s) (county and State) and dates of previous trapping experience: \_\_\_\_\_
- D. Please list one person (not related to you and other than your partner) who has knowledge of your trapping experience and qualifications. (Include name, address, and telephone number). \_\_\_\_\_

If you have a current State trapping license for the State(s) in which refuge trapping will be done, please provide license number(s). (Give State and number.)

Note: A State license will be required prior to issuance of permit.

Do you have, or can you obtain, the necessary equipment specified in the special refuge trapping conditions? \_\_\_\_\_

Have you participated in any class or other trapper orientation or training program?

\_\_\_\_\_ If so, give date and location. \_\_\_\_\_

If selected, are you willing to attend such a program if required? \_\_\_\_\_

I certify that I have read and understand the general and specific conditions and regulations contained in the trapping permit and supplied herewith, and agree to abide by these provisions. I certify that all of the statements made in this application are true, complete and correct to the best of my knowledge and belief, and are made in good faith. I understand I may be disqualified if any information on this application is found to be false.

Signature of Applicant \_\_\_\_\_ Date \_\_\_\_\_

Form 3-2001  
Date 1978

To Be Completed by Refuge Manager:

QUALIFIED	UNQUALIFIED *	DATE & INITIALS
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\*Reasons for rating to be attached



**U.S. DEPARTMENT OF THE INTERIOR**  
**FISH AND WILDLIFE SERVICE**

Mark Twain (Annada)

National Wildlife Refuge

**TRAPPING PERMIT**

Permit number

001-92

Date issued

Area or unit where trapping is permitted

Clarence Cannon NWR, Annada, MO

PERMITTEE-

Trapping License

Name, address, phone no.

No. and State

Period of use

From December 1, 19 91

Through March 31, 19 92

Payment received (if applicable):

Full N/A

Partial N/A

PARTNER, ASSISTANT- (Circle One)

Trapping License

Name, address, phone no.

No. and State

Tags (if applicable):

No. issued

Serial numbers

N/A

N/A

**FILL OUT ALL APPLICABLE SECTIONS**

Species authorized (all others prohibited)	Quota	Season	Division of Pelts	
			Permittee	Government
Beaver	20	Dec. 1 - Mar. 31	100%	
Muskrat	80	Dec. 1 - Jan. 5	100%	

NOTE: THE TRAPPING CONDITIONS SUPPLIED HERewith ARE PART OF THIS PERMIT

This permit is issued by the U.S. Fish and Wildlife Service and accepted by the undersigned, subject to the terms, obligations, and provisions expressed or implied herein and to the trapping conditions supplied herewith.

Permittee's Signature

Date

Issuing Officer's Signature

Partner's Signature

Date

Title

Date

Parent or Guardian's Signature

Date



## GENERAL CONDITIONS

Pursuant to the Code of Federal Regulations (CFR), Title 50, Section 31.16, the following conditions apply to the trapping of furbearing animals on National Wildlife Refuges.

1. State and Federal requirements - Trapping will be done in compliance with State game laws and regulations, and may be further restricted by general and special conditions of the Refuge Trapping Permit. Permittees will also comply with all other regulations and conditions affecting access to and use of the National Wildlife Refuges.

2. Trapping permits - Any person exercising the privilege of trapping furbearing animals within National Wildlife Refuge boundaries must possess a valid State trapping license and a Refuge Trapping Permit issued by the refuge manager. Trappers will carry such State trapping license and Refuge Trapping Permit while trapping, and when requested to do so, will exhibit them to any Federal or State agent authorized to enforce the game and fish laws of the State or of the United States. Permits are not transferable.

The refuge manager may at any time, before or during the trapping season, halt or limit trapping on the refuge or any portion thereof. Conditions of the permit may be modified as needed. Any changes will be made by an addendum (signed by both the issuing officer and the permittee) which should be attached to, and become a part of, the permit.

3. Approved traps, trap inspection and removal - Furbearing animals authorized to be taken on the refuge may be taken only by methods approved by both the State and the refuge manager.

Trap types, sizes, sets, baits, scents and locations will be selected to minimize the taking of non-target species.

All leghold traps with jaw spread greater than 5 1/2 inches will be of the "off-set-jaw" type (jaws with an opening of not less than 3/16" when closed). Steel leghold traps having teeth, spiked, or serrated jaws, (either attached or as part of the trap) are prohibited. Conibear traps size 330 or larger are prohibited for land use. Use in water sets for beaver or otter is acceptable unless prohibited by State regulation or a refuge trapping condition.

In order to reduce the accidental trapping of birds of prey, the use of sight-exposed bait is prohibited. Sight-exposed bait means any visible animal part or facsimile thereof, (excluding dry skeletal items from which the skin, hair, feathers and flesh have been removed) used to visually attract an animal to a trap or traps.

The possession or use within the boundaries of the refuge of any trap or captive device that does not comply with State and refuge requirements is prohibited. Any such illegal traps or devices found on the refuge may be seized and retained by the refuge manager.

Permittees are required to visit and inspect each trap set at least once every 24 hours, unless specifically waived by the refuge manager.

Inspection shall occur between one-half hour before sunrise and one-half hour after sunset, unless otherwise specified by State or refuge permit provisions. At the close of the trapping season the permittee shall remove all traps and equipment from the refuge. This will be done within a time frame designated by the refuge manager.

4. Use of vegetation - The permittee may cut on the refuge for use in trap sets only such species and amounts of brush or timber as the refuge manager shall designate.

5. Tending another person's traps - No person may attend another person's traps or trap line unless specifically authorized by the refuge manager.

6. Non-target species - Every effort will be made to prevent the capture of non-target species. However, if an unauthorized animal is found alive and in satisfactory condition in a trap, it shall be immediately released. Animals found dead or seriously injured in the traps shall be disposed of as designated by the refuge manager.

7. Reports - Permittees shall submit a report (or reports) of traptake, of both target and non-target species, as required by refuge special conditions. The capture of all non-target species, regardless of condition, will be reported. (The permittee will not be prosecuted for accidental take which he or she reports.) Trappers should also promptly report the presence of diseased animals to the refuge manager.

If the refuge trapping conditions permit the mailing of trap-take reports, such reports must be sent by certified mail with the permittee retaining the signed receipt as proof of submission.

8. Penalties - Failure of a permittee to comply with any of the trapping provisions or with any applicable Federal or State law or regulation may be sufficient cause for refusal of any other use or privilege on the refuge for which a permit may be required.

The permit may be revoked or suspended by the issuing officer for just cause, such as violation, non-compliance with permit conditions, or nonuse (50 CFR 25.43).

Permittees who wish to appeal adverse decisions should follow the appeals procedures designated in 50 CFR 25.44.

9. Damages - The United States shall not be responsible for any loss or damage to property, including but not limited to, animals and equipment; for injury to the permittee, partner(s) or assistant(s); or for damages or interference caused by wildlife or employees or representatives of the Government carrying out their official responsibilities.

SPECIAL PERMIT CONDITIONS

1. Trapping hours will be from sunrise to sunset daily.
2. Permittee is required to report all animals taken to the Refuge Manager on a regular basis, not to exceed one week intervals.
3. Trapping activities will cease immediately after quotas are reached or at the discretion of the Refuge Manager.
4. Permittee will access and inspect traps once every 24 hours and with minimal disruption to other wildlife species, particularly waterfowl and eagles.
5. Permittee will trap only in the area designated by the Refuge Manager. Trespass into the critical bald eagle zone WILL RESULT IN IMMEDIATE REVOCATION OF THE TRAPPING PERMIT AND A CITATION.
6. In order to protect raptors from accidental trapping, sets shall be placed under cover of existing or constructed natural materials not higher than 36" above the set. Cover constructed from natural materials shall consist of a tripod of three wood poles at least one-half inch in diameter placed over the trap. No bait of any kind may be used.
7. The use of boats is authorized only with permission from the Refuge Manager.
8. Permittee must have in his/her possession the Refuge Trapping Permit and applicable State licenses/permits while on the refuge.
9. Permittee will keep the Refuge Manager informed of the location of all trap sets and will provide a list of trap types and sizes he/she intends to use.
10. Permittee will park vehicles so as not to block refuge roads.
11. Trapping area is closed to the general public, therefore, permittee must limit activities in the trapping area to those associated with the trapping operation.
12. Permittee will follow all refuge regulations, such as:
  - No alcoholic beverages are permitted on refuge property
  - No firearms are permitted on refuge property
  - Speed limit is 25 m.p.h. unless otherwise posted
13. Permittee will report all observations of bald eagle activity in the trapping area to the Refuge Manager.
14. Every effort will be made to guard against capture of non-target species. All non-target species will be released immediately if possible or turned over to the Refuge Manager on the day taken.

15. Traps shall be metal traps with smooth jaws only, chain traps and live traps, but shall not include pitfalls, deadfalls, snares, nets or colony traps.

Allowable trap sizes are:

Beaver - Conibear 220-330 (water sets only)  
Muskrat - Conibear 110  
Leghold 1 - 1 1/2

Trapping seasons and quotas are as follows:

<u>Species</u>	<u>Season</u>	<u>Quota</u>
Beaver	Dec. 1 - Mar. 31	20
Muskrat	Dec. 1 - Jan. 5	80

Methods of Control and Enforcement - Traps and sets will be inspected on an irregular basis for conformance with State and refuge regulations. Refuge staff may make periodic tours of trap lines with the permittee. Permittees will be required to submit a report to the Refuge Manager no later than ten (10) days after the close of the season documenting (1) the number of days traps were set and the number of traps set each of those days and (2) the number and species trapped each of those days.

# 1991-92 TRAPPING ACTIVITY LOG

Clarence Cannon NWR  
Robert Wilson, Trapper

Date	Number of Traps Used	Species Trapped	Number