

memorandum

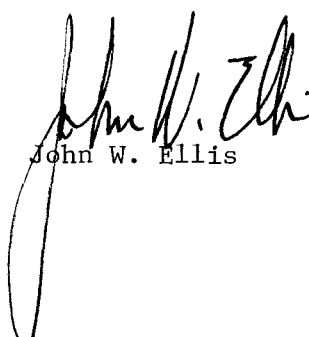
DATE: November 13, 1984

REPLY TO
ATTN OF: Regional Refuge Supervisor, FWS, Twin Cities, MN (RF2)

SUBJECT: FY85 Annual Trapping Proposal

TO: Refuge Manager, Clarence Cannon NWR, Mark Twain NWR, Arnada, MO

The annual trapping proposal for Clarence Cannon National Wildlife
Refuge has been reviewed for conformance with both the Refuge Manual
and the approved trapping plan, and is approved as written.


John W. Ellis

Attachment

CC: Mark Twain NWR W/Copy of Plan
Jerry Cummings W/Copy of Plan



Refuge Manager	
Ass't. Ref. Mgr.	<i>RP</i>
Secretary	<i>Kut</i>
Mch. Mechanic	
Tractor Operator	
File	1323.00 ✓

memorandum

DATE: August 1, 1984

REPLY TO
ATTN OF: Refuge Manager, Clarence Cannon NWR, Annada, MO

SUBJECT: Annual Trapping Proposal

TO: Regional Director, Twin Cities, MN (RF-2)

This document presents the annual trapping proposal for the Clarence Cannon NWR, Delair Division, and Gardner Division of the Mark Twain NWR. The refuge trapping plan was rewritten in July 1984. In that plan, annual assessment of trapping desirability and furbearer populations on the refuge were based on data collected up to July 1984. Therefore, an annual re-assessment of trapping is not deemed necessary to include in this document.

As stated in the refuge trapping plan, a harvestable surplus of beaver and muskrat currently exists on Clarence Cannon NWR. Furbearer populations on Delair Division and Gardner Division are at acceptable levels, and trapping on these divisions during FY 85 would not further refuge objectives. Refuge staff retain authorization to remove individual nuisance animals should the need arise in FY 85.

Status of Relevant Populations and Habitat Conditions

On Clarence Cannon, the beaver population is estimated to be between 26 and 30 animals. The muskrat population is estimated to be between 180-200 animals. These populations exceed the acceptable population levels of 10-15 beaver and 100-150 muskrat.

During FY 84, water levels have remained high in the main drainage ditch and several semi-permanent water areas due to persistently high river conditions. Attempts at drainage of the refuge have been hampered by beaver and muskrat activity. Water control structures have been partially and completely blocked directly and indirectly by beaver and muskrat (see attached Map A). Muskrat denning activities are more apparent than in previous years, threatening the physical integrity of interior dikes. Rank emergent vegetation and small woody plants have flourished due to high water levels, and provide ample materials for beaver and muskrat to utilize.

TRAPPING PROPOSAL

Trapping will be conducted on Clarence Cannon NWR during FY 85 for beaver and muskrat only. One trapper, or one party of trappers (not to exceed 3 persons) shall be selected by the refuge manager to conduct trapping operations on the refuge. Announcement and processing of permit applications will be conducted according to the Refuge Trapping Plan.

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan



Trapping methods, equipment, season, and hours will be in accordance with State regulations and refuge special permit conditions outlined in the Refuge Trapping Plan.

Trapping will cease after quotas are reached or at the discretion of the refuge manager. Quotas for the FY 85 trapping season are as follows:

BEAVER - 12 animals, not to exceed 4 animals from any of 4 assigned areas (see attached Map B)

MUSKRAT - 35 animals, not to exceed 9 animals from any of 4 assigned areas (see attached Map B)

Trapping seasons:

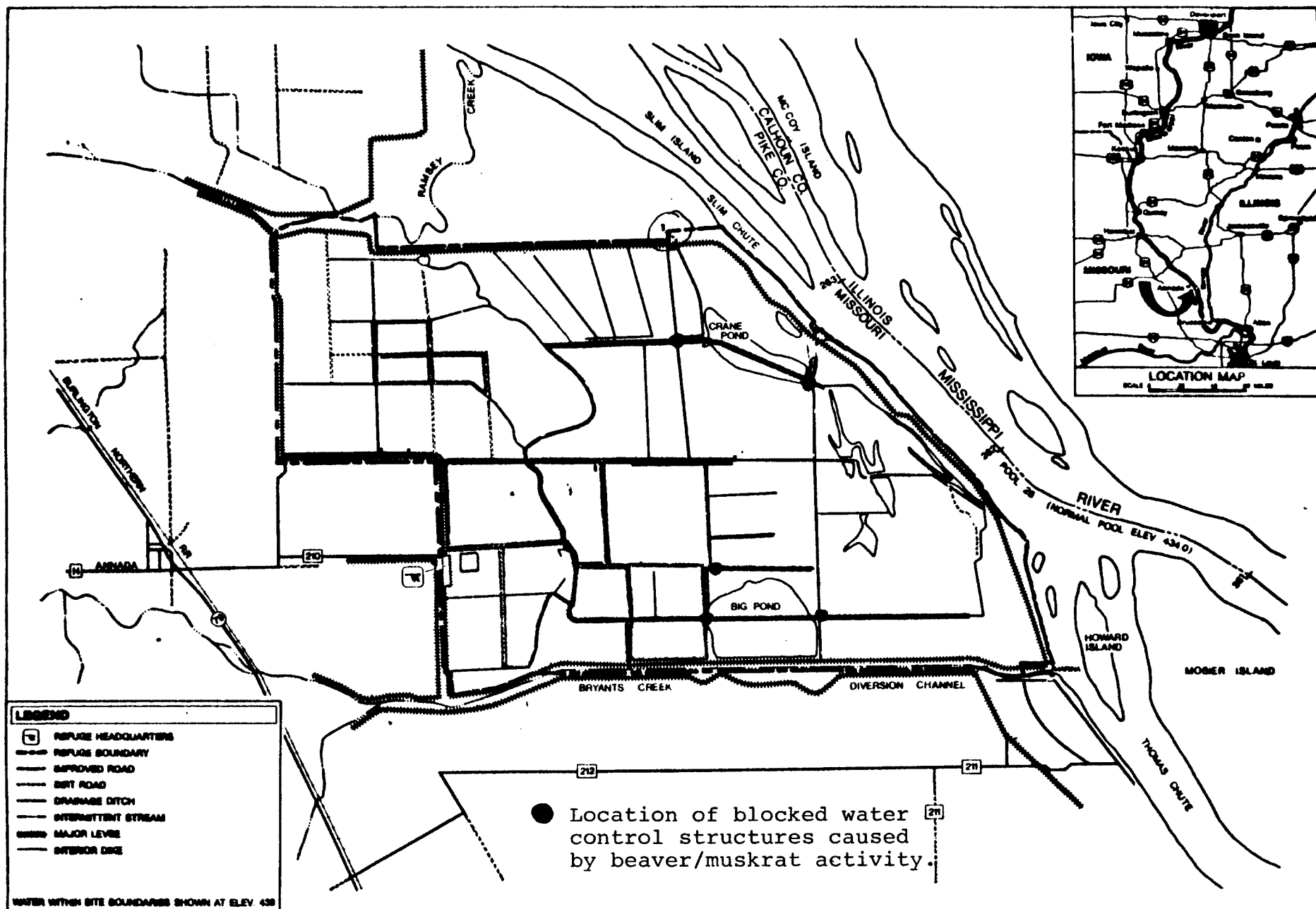
MUSKRAT - Nov. 20 to Jan. 5

BEAVER - Nov. 20 to Mar. 31

Since the trapping program on Clarence Cannon NWR is a no-fee (trapper-take-all) system, there will be no monetary gain realized by the USFWS, although the refuge will benefit greatly from the population reduction achieved. Costs to administer the program are small in relation to benefits, and are limited to staff salaries required to process applications, inspect trapping activities, and conduct general administration for an estimated total of 60 hours, or \$511.80. These funds will be charged to subactivity 731, work element 71.


Ross Adams

Attachments

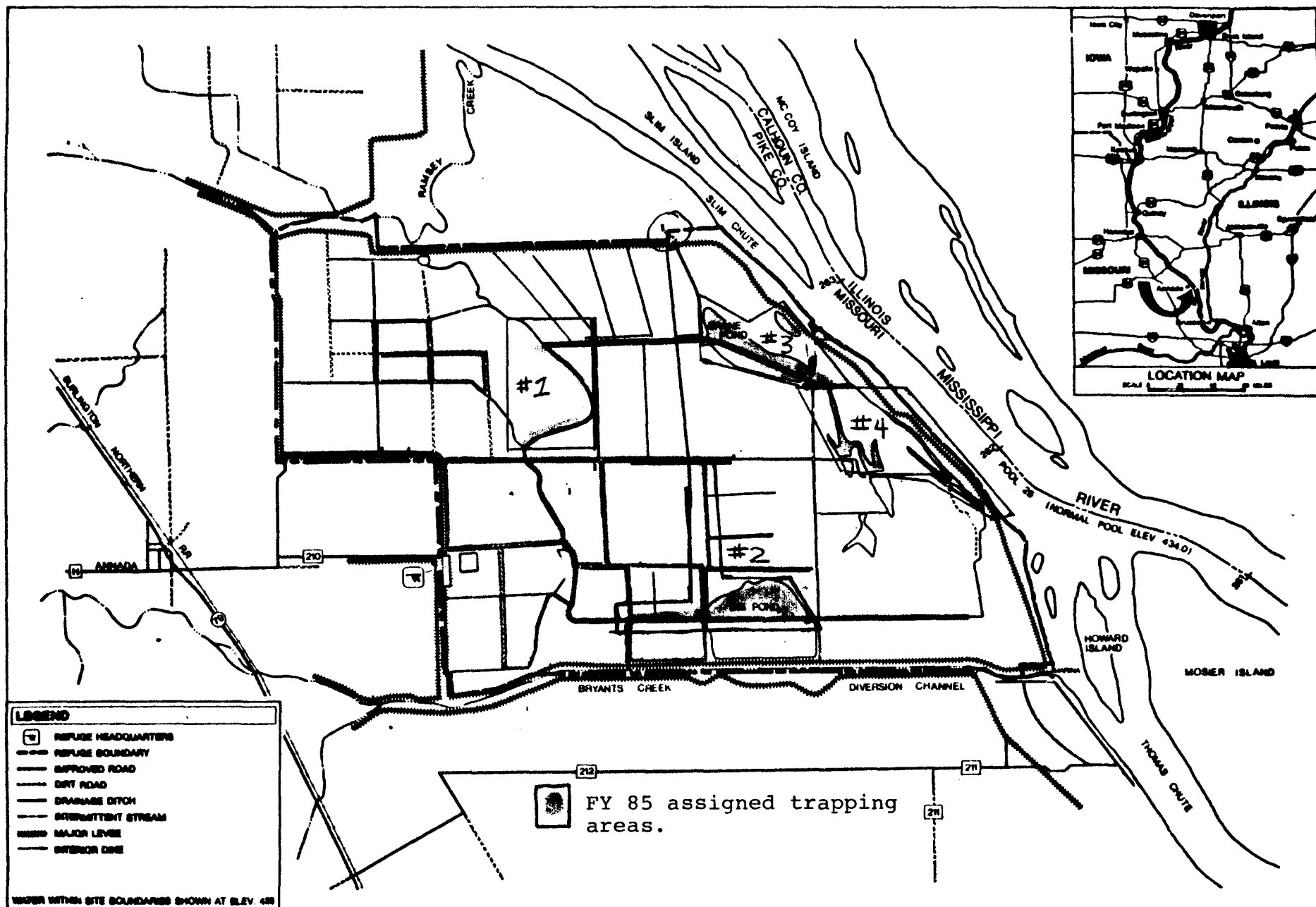


CLARENCE CANNON N.W.R.

MARK TWAIN NATIONAL WILDLIFE REFUGE

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

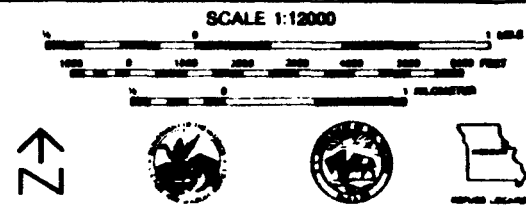




CLARENCE CANNON N.W.R.

MARK TWAIN NATIONAL WILDLIFE REFUGE

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



Signature Page

Trapping Plan

Clarence Cannon National Wildlife Refuge

Prepared by: Kevin R. WOOD Date: 8/1/84
(Assistant Refuge Manager)

Submitted by: N. Ross Adams Date: 8-1-84
(Refuge Manager)

Concurrence: _____ Date: _____
(Project Leader, Mark Twain NWR)

John W. Elkh Date: 11/13/89
(RF-2 Supervisor)

_____ Date: _____
(Assistant Regional Director)

_____ Date: _____
(Regional Director)