

Table of Contents

Page

SUMMARY INFORMATION 1

REPORTS

1. Grand Lake, Oklahoma, Preliminary Analysis of Flood Control Operation
2. Miami, Oklahoma, and Vicinity, Grand (Neosho) River, Oklahoma and Kansas
3. Portion of USFWS Planning Aid Report (Significant Tracts of Bottomland Forest in General Project Area)

FLOODING AT MIAMI, OKLAHOMA

SUMMARY INFORMATION

Flooding at Miami occurs with relative frequency along Tar Creek and infrequently along the Neosho River. The March 1989 Miami, Oklahoma, and Vicinity Reconnaissance Report documented 15 economically feasible structural solutions; however, areas of development prone to flooding may be eligible for the buyout program administered by the Federal Emergency Management Agency. Structural alternatives evaluated included 14 levee plans and one 25-year flood control reservoir. Current costs (August 2004) for potentially viable alternatives evaluated in the 1989 reconnaissance study range from about \$1,500,000 to \$29,000,000 for various levels of flood protection. In January 2002, a Reconnaissance Report was completed that recommends proceeding with a Corps of Engineers cost-shared feasibility study that would address flooding in Miami. The cost of a feasibility study would be determined based a scope of work developed by the Corps of Engineers and a local sponsor.

Section 449 of the Water Resources Development Act of 2000 also addresses flooding problems at Miami and directed the Corps to evaluate backwater effects specifically due to flood control operations on land around Grand Lake. The following are copies of the preliminary analysis of the Grand Lake flood control operation and March 1989 reconnaissance study. Additionally, following the March 1989 reconnaissance report is a description of a potential future (following clean-up activities) natural resource area that was identified by the U.S. Fish and Wildlife Service.