

1. INTRODUCTION AND ACKNOWLEDGEMENTS

The purpose of this document is to condense large quantities of scattered historical, biological and physical information about Lake Winona into one useable reference volume. Special emphasis is placed on information pertaining to a cooperative lake reclamation project which was initiated in 1973. It is hoped that this working document will be useful to administrators, engineers, scientists, teachers, students, and laymen who are concerned with the development of Lake Winona as a multiple-use resource.

Unless otherwise indicated, data were gathered by students at Winona State University as part of their class work, as undergraduate research projects, or as part of the work-study program. Students from many disciplines volunteered their services. We are grateful to the Minnesota Department of Natural Resources for use of fisheries data and to the City of Winona for use of their records and reports. Photos were loaned from Winona State University's Southeast Minnesota Historical Center and the Winona County Historical Society. Katharine Grulkowski proofed much of the manuscript. We also owe thanks to John Michalowski, Richard Davis and Terry Schwarze of Winona State University for their assistance in printing, art work and photography.

We are fortunate to have received the continued cooperation and encouragement of DNR fisheries biologists Duane Shodeen, Bruce Hawkinson, Gary Grunwald and Larry Gates. Throughout the entire project we have worked closely with Robert Welch (Winona Director of Parks and Recreation), Robert Bollant (Winona City Engineer), Gene Gile (Winona Street Superintendent), and Donald Brown (Water Department Superintendent). Over the years, this project has received continued encouragement from Winona State University administrators, especially Presidents Robert DuFresne, Robert Hanson, and Thomas Stark; and Deans of Natural and Applied Sciences Dan Willson and Dennis Nielsen. We have received technical help from Winona State University geologists Thomas Bayer and Dennis Nielsen, botanist Joseph Emanuel, and limnologist Thomas Claflin, University of Wisconsin, LaCrosse. We have worked closely with the Lake Winona Committee throughout this project; it has purchased supplies, assisted with management projects, and helped pay the cost of printing this document.