

3. INTRODUCTION

3a. REASONS FOR PLAN DEVELOPMENT

This VMP is being developed for WRPCO's hydroelectric project (FERC Project #1984). The plan is needed for a number of reasons:

- Increasing development of, and pressure from, non project lands adjacent to the SCA.
- Increasing use of the SCA by the general public.
- The need to update previous WRPCO guidelines.
- To provide consistent uses of the SCA.
- Changes in WRPCO ownership and management.
- The evolution of more restrictive FERC requirements relating to allowable uses of the SCA.

3b. DESCRIPTION OF PROJECT

The WRPCO project is located in Wood, Juneau and Adams Counties in South Central Wisconsin. It is comprised of the Petenwell and Castle Rock Reservoirs. Dams at the reservoirs were completed in the late 1940s and early 1950s.

The project boundary covers 59,000 acres with 40,080 acres of water surface. There are approximately 219 miles of shoreline and approximately 29 miles of SCA.

- In the Petenwell Reservoir, there are a total of 25,180 acres of water surface and approximately 12.7 miles of SCA.
- In the Castle Rock Reservoir, there are a total of 14,900 acres of water surface and approximately 16.3 miles of SCA.

These reservoirs are the second (Petenwell) and fifth (Castle Rock) largest inland bodies of water in Wisconsin.