

I - INTRODUCTION

1-01 Authorization. This Water Control Manual was prepared in accordance with regulations and guidelines set forth in the following documents and U.S. Army Corps of Engineers Publications:

Engineering Regulation (ER) 1110-2-240, 8 October 1982, "Engineering and Design, Water Control Management" has been published by the Federal Register as 33 CFR 222.7.

Engineering Manual (EM) 1110-2-3600, 30 November 1987, "Engineering and Design, Management of Water Control Systems";

Engineering Technical Letter (ETL) 1110-2-251, 14 March 1980, "Engineering and Design, Guide for Preparing Water Control Manuals".

1-02 Purpose and Scope. The purpose of this manual is to provide current information regarding San Antonio Dam and Reservoir regulation policies and the organizational structure of the regulating agency (U.S. Army Corps of Engineers). The manual contains:

(1) Descriptive information of the project, drainage area, and watershed characteristics;

(2) A description of the plan of operation and management of the Dam and appurtenant facilities;

(3) A description of hydrometeorologic data collection and utilization of communication networks; and

(4) A section on hydrologic forecasts.

San Antonio Dam was authorized and constructed for the purpose of flood control with incidental water conservation. The project does not provide recreation, hydroelectric power, or navigation. Therefore, these activities are not discussed in the manual.

1-03 Related Manuals and Reports. Manuals and reports relevant to San Antonio Dam and Reservoir and the upstream and downstream drainage areas are listed in plate 1-01.

1-04 Project Owners. San Antonio Dam and Reservoir are owned by the Federal Government. The U.S. Army Corps of Engineers, Los Angeles District (LAD) has jurisdiction regarding all aspects of the project.

1-05 Operating Agency. The U.S. Army Corps of Engineers, LAD, is responsible for the operation and maintenance of San Antonio Dam and Reservoir in order to insure the flood control objectives of the project are met. San Antonio Dam is staffed by one dam tender on a year-round basis. During normal working hours (0700 to 1500 hours Pacific Standard Time) the dam tender works at or around the dam. The dam tender does not reside at the project. In case the dam tender is unavailable, an alternate dam tender is assigned to the dam.

Dam tenders are under the supervision of the Operations Branch, LAD, but receive reservoir regulation instructions from the Reservoir Regulation Section, LAD San Antonio Dam's telephone number is (714) 982-5494.

The U.S. Army Corps of Engineers, LAD, is also responsible for the operation and maintenance of the downstream channel beginning at the outlet works of San Antonio Dam to Prado Reservoir. The Pomona Valley Protective Association (PVPA) and San Bernardino County Flood Control District (SBCFCD) are responsible for the operation and maintenance of the diversion works located downstream of the San Antonio Dam outlet works.

1-06 Regulating Agencies. The U.S. Army Corps of Engineers, LAD, is solely responsible for the regulation of San Antonio Dam and Reservoir.

The Pomona Valley Protective Association (PVPA) and the Chino Basin Water Conservation District (CBWCD) are responsible for the regulation of the diversion works downstream of the San Antonio Dam outlet works.