

I - INTRODUCTION

1-01. Authorization

The authority and directives for the preparation of this manual are contained in the following U.S. Army Corp of Engineers' publications:

EM 1110-2-3600, 30 November 1987: Management of Water Control Systems.

ETL 110-2-251, 14 March 1980: Guide for Preparing Water Control Manuals.

ER 1110-2-240, 8 October 1982: Engineering and Design, Water Control Management.

Brea Dam and Reservoir are operated for flood control purposes only. There are no water supply, hydropower, or navigational purposes authorized at this time; therefore, no further mention of them will be made in this manual.

1-02. Purpose and Scope

This water control manual was prepared pursuant to requirements set forth in the Code of Federal Regulations, Title 33, Part 208.11, subparagraph d-4, entitled, "Water Control Plan and Manual". This manual contains (a) descriptive information pertaining to the drainage area and the project; (b) a description of the plan of operation of Brea Dam and its application to various floods; (c) the organization for operations by the U.S. Army Corps of Engineers, Los Angeles District; and (d) sources of hydrologic data and forecasts.

1-03. Related Manuals and Reports

Manuals and reports relevant to Brea Dam, Brea Reservoir, the drainage areas above and below Brea Reservoir, and significant hydraulic structures relating to these drainage areas are listed on plate 1-01.

1-04. Project Owner

Brea Dam and the reservoir lands behind the dam (frequently referred to as the Brea Flood Control Basin) are owned by the Federal Government, or by others with Federal flood easements. (The Federal Government owns 236.65 acres of basin land and has flood easements on 61.99 additional acres). The basin is under the jurisdiction of the U.S. Army Corps of Engineers, Los Angeles District.

1-05. Operating Agencies

a. U.S. Army Corps of Engineers, Los Angeles District is responsible for the operation and maintenance of the dam, reservoir (excluding recreational facilities), and intake and outlet works. The chain of command for reservoir operations decisions is given in table 1-01.

Table 1-01.
Chain of Command for Reservoir Regulation Decisions

Corps of Engineers
Los Angeles District

<u>Title</u>		<u>Office Phone Number</u>	
District Engineer		(213) 894-5300	
Water Control Decisions		Operational and Maintenance	
<u>Title</u>	<u>Phone:</u>	<u>Title</u>	<u>Phone:</u>
Chief, Engineering Division	(213) 452-3629	Chief, Construction-operations Division	(213) 452-3350
Chief, Hydrology & Hydraulics Branch	(213) 452-3525	Chief, Operations Branch	(213) 452-3385
Chief, Reservoir Regulation Section	(213) 452-3527	Chief, Operations & Maintenance Section	(213) 452-3387
Chief, Reservoir Regulation Unit	(213) 452-3530	Dam Tender Foreman	(626) 401-4006
Brea Dam Tender		Call ROC for the last number	

- b. The recreational features of Brea Reservoir are managed by the City of Fullerton.
- c. The American Hostel Association, Inc. operates a hostel on 2.98 acres of land adjacent to the downstream side of the dam. The land is leased from the Corps.
- d. Orange County Environmental Management Agency (OCEMA) is responsible for the operation and maintenance of the Brea Creek channel downstream from Brea Dam.

1-06. Regulating Agencies

- a. The U.S. Army Corps of Engineers, Los Angeles - District is responsible for developing the water control plan for Brea Dam and Reservoir.

b. The City of Fullerton is responsible for regulating and administrating recreation programs and facilities at Brea Reservoir. The City has a lease from the Corps for operation and maintenance of recreational development.