

## IX - WATER CONTROL MANAGEMENT

### 9-01 Responsibilities and Organization.

a. Corps of Engineers. Fullerton Dam is owned, operated, and maintained by the U.S. Army Corps of Engineers, LAD, which has complete regulatory responsibility.

Reservoir regulation criteria at Fullerton Dam and other LAD reservoirs are specified by the Reservoir Regulation Section of LAD. Table 9-01 is an organizational chart depicting the chain of command for Reservoir Regulation decisions.

Gate regulation instructions to the dam tender are issued by the Reservoir Regulation Unit (see Secs. 5-04 and 5-05). In the event that communications between the Reservoir Regulation Section and Fullerton Dam are interrupted, a set of Standing Instructions to Project Operator are included in this manual as Exhibit A. Dam tenders are part of the Operations Branch, under the Construction-Operations Division.

b. Other Federal Agencies. The U.S. Army Corps of Engineers has complete responsibility for the operation of Fullerton Dam. Although the Corps of Engineers receives data and information from other Federal and local agencies and informs these agencies of major decisions affecting Fullerton Dam, no other agency has operational responsibility.

c. State and County Agencies. At the time of construction, Orange County agreed to assume responsibility for maintaining the channel capacity of Fullerton Creek downstream of Fullerton Dam. A large portion of Fullerton Reservoir, owned by the Corps of Engineers, is leased to Orange County for recreational purposes. The Corps of Engineers retains all rights to inundate this land.

d. Private Organizations. There is no involvement of private organizations in the regulation of Fullerton Dam.

9-02 Interagency Coordination. The U.S. Army Corps of Engineers coordinates with other Federal, State, County, and local organizations, and informs the press concerning water control of Fullerton Dam and Reservoir.

a. Local Press and Corps of Engineers Bulletins. The Public Affairs Office of the Corps of Engineers, LAD, is responsible for notifying the press regarding operations at all District dams. This is accomplished through both interviews and the occasional issuance of press releases. The Corps of Engineers does not publicly issue flood watches or warnings, or other status reports or forecasts to the general public. These notifications are the responsibility of the National Weather Service (NWS).

b. National Weather Service. The Corps of Engineers utilizes NWS data and forecasts to assist in the operation of Fullerton Dam. The Corps shares data with the NWS and other agencies both on a real-time basis and on a post-event basis.

c. U.S. Geological Survey. The Corps of Engineers receives streamflow data from the U.S. Geological Survey, primarily on a historical basis in southern California. The Corps coordinates data collection of the Fullerton Creek below Fullerton Dam stream gauge with the USGS through the Cooperative Stream Gauging Program.

d. Other Federal, State, or Local Agencies. The Corps of Engineers and Orange County Environmental Management Agency maintain communications concerning the operation of Fullerton Dam, and the maintenance and patrol of the downstream channel. The Corps keeps the City of Fullerton informed of any anticipated and actual reservoir impoundments. Other interested agencies, such as the California Department of Transportation (CALTRANS) are informed by the Corps of Engineers whenever a major inundation of, or release from Fullerton Dam is anticipated. In the Instructions for Reservoir Operations Center Personnel notebook (the "Orange Book") appendix J, is a list of agencies and individuals that would be notified regarding the status of any reservoir regulation.

9-03 Reports. As required by ER 1110-2-240 "Water Control Management", the LAD prepares three types of report for transmittal to the South Pacific Division Office concerning the operation of Fullerton Dam:

a. Annual Division Water Control Management Report (RCS DAEN-CWE-16 (R1)).

This report covers significant activities of the previous water year and a description of project accomplishments planned for the current year.

b. Summary of Runoff Potentials in Current Season (RCS DAEN-CWO-2).

This report is generally submitted monthly during the storm season (October 15-April 15), and covers snow accumulation and runoff potential in the District. Supplemental reports are submitted in the event of severe situations.

c. Monthly Water Control Charts (RCS DAEN-CWE-6(R1)). A monthly record of reservoir operations prepared in either a graphical or tabular format.

Two reports that are produced for District use are:

d. Flood Control Basin Operation Report. A report of daily observations is made at the dam and this record, figure 5-01, is stored at the Water Control Data Unit of the Reservoir Regulation Section in the District's Baseyard Office.

e. Daily Reservoir Report. The daily observations from the data are entered into the RESCAL computer program which stores the record in a computer database and produces a "Daily Reservoir Report" that is issued by the Reservoir Regulation Unit.

Table 9-01. Chain of Command for Reservoir Regulation Decisions.

Corps of Engineers  
Los Angeles District

Title

Office Phone Number:

District Engineer

(213) 894-5300

Water Control Decisions

Gate Operations

<u>Title</u>	<u>Phone</u>	<u>Title</u>	<u>Phone</u>
Chief, Engineering Division	(213) 894-5470	Chief, Construction Operations Division	(213) 894-5600
Chief, Hydrology & Hydraulics Branch	(213) 894-5520	Chief, Operations Branch	(213) 894-5620
Chief, Reservoir Regulation Section	(213) 894-6915	Chief, Operations & Maintenance Section	(818) 401-4008
Chief, Reservoir Regulation Unit	(213) 894-6916	Dam Tender Foreman	(818) 401-4006
		Fullerton Dam Tender at Fullerton Dam	(714) 529-2532