

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

January 4, 1993

To: Board of Directors (Water Problems Committee--Information)
From: General Manager
Subject: Water Supply Update

Report

This water supply update reflects conditions as of January 4, 1993. Attached is Water Supply Update No. 9, which graphically summarizes and supplements the information below.

Colorado River Supplies

Metropolitan has received approval from the Bureau of Reclamation to divert Colorado River water (CRW) at full aqueduct capacity in calendar year (CY) 1993. It is projected that 1,300,000 acre-feet of CRW will be diverted. Should use of Colorado River water in the states of Arizona, California, and Nevada exceed 7.5 million acre-feet (MAF) in 1993, compensation for overuse would be required by the end of 1996. The need for such compensation will be eliminated if (1) a surplus is declared, or (2) a flood control release is required.

State Water Project Supplies

Metropolitan's allocation of State project water for CY 1993 is currently 10 percent of our request, or 207,000 acre-feet, including delivery to Metropolitan of Desert Water Agency and Coachella Valley Water District entitlements. This amount may be increased by the Department of Water Resources (DWR) due to improved conditions in the State project watershed. In addition, it is expected that DWR will approve Metropolitan's request for 188,000 acre-feet of 1992 carryover water for use in 1993. At this time, no additional water has been purchased, although a purchase may occur later this year. This brings our current total expected supply to be delivered via State project facilities in CY 1993 to 395,000 acre-feet.

1993 Water Supply Balance

The attached table summarizes the current water supply balance for CY 1993. The projected demands are based on adjusted information received from our member agencies. These figures are based on the assumption that Stage I of the Incremental Interruption and Conservation Plan remains in effect for the balance of CY 1993. Currently, there is about a 491,000 acre-foot shortfall in supplies to meet estimated use by the member agencies in 1993. The shortfall may be made up by additional allocations by DWR as occurred in 1992, acquisition of additional supplies (via exchanges, transfers, or Bank purchases), elimination or reduction of some Seasonal Storage Service deliveries, or the implementation of higher stages of the Incremental Interruption and Conservation Plan.

Board Committee Assignments

This letter is an information item to the Water Problems Committee because of its authority with regard to policies, sources, and means of importing water required by the District; and policies regarding water conservation, reclamation, reuse, and underground storage of water and the use thereof, pursuant to Administrative Code, Section 2481 (a) and (i).

Recommendation

For information only.


for Carl Boronkay

AIB/KEN:eim

Attachment

CY 1993 WATER SUPPLY AND BALANCE

CY 1993 Supply

Colorado River Aqueduct	1,300,000 AF
State Water Project (1)	395,000 AF
System Losses	-50,000 AF
Total Supply	1,645,000 AF

CY 1993 Demand

Projected Use (2) (3) (4)	2,136,000 AF
Projected 1993 Shortfall (5)	491,000 AF

Notes:

- (1) -- Includes 188,000 acre-feet of 1992 carryover water and 1993 DWCV entitlements.
- (2) -- Stage I effective January 1 to December 31, 1993 and assumes 10 percent conservation.
- (3) -- Includes Discretionary Pool Deliveries and purchases from cyclic storage.
- (4) -- Projections based on adjusted estimates obtained from the member agencies.
- (5) -- Shortfall likely to be made up by a combination of:
 - an increase in state allocation;
 - transfers, exchanges, and bank purchases;
 - withdrawal from storage;
 - elimination or reduction of some seasonal storage service deliveries;
 - increased conservation; and
 - the implementation of higher stages of the Incremental Interruption and Conservation Plan.