

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

September 1, 1992

To: Board of Directors (Water Problems Committee--Information)

From: General Manager

Subject: Water Supply Update

Report

This water supply update reflects conditions as of September 8, 1992.

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) 1992. It is projected that about 1,200,000 acre-feet of CRW will be diverted. For the month of August, it is estimated that 105,000 acre-feet were diverted. Our request to the Secretary of the Interior for use of 1,300,900 acre-feet in CY 1993 is pending, with approval expected in early October.

State Water Project Supplies

Metropolitan's allocation of State project water for CY 1992 remains at 45 percent of our request, or 845,000 acre-feet. This amount includes delivery to Metropolitan of Desert Water Agency and Coachella Valley Water District entitlements. In addition, the Department of Water Resources has delivered 81,000 acre-feet of 1991 carryover water. This brings our total approved supply of State project water for CY 1992 to 926,000 acre-feet. Metropolitan has also exercised an option for about 10,000 acre-feet of 1992 Bank water.

Our request for CY 1993 will be for an amount of water equal to the full flow capacity of the East and West Branches of the State Water Project. Included in this amount is any carryover water from CY 1992.

Chlorine Shortage

A nationwide chlorine shortage has resulted in a continual reduction in Metropolitan's inventory of chlorine. Chlorine inventory levels and vendor shipments are being

closely monitored by staff. The reduced vendor inventories of chlorine and long delays in shipments have resulted in a temporary modification of Metropolitan's operating conditions to reduce chlorine use. Shortages in the chlorine industry are expected to continue through October, and all aspects pertinent to Metropolitan will be closely monitored.

1992 Water Supply Balance

Table 1 summarizes the current water supply balance for CY 1992. The projected demands are based on adjusted information received from our member agencies. It is also assumed that Stage I of the Incremental Interruption and Conservation Plan will remain in effect for the balance of CY 1992.

Based on 1992 supplies and projected demands, sufficient supplies exist to meet estimated use by the member agencies for the remainder of 1992. In addition, it is estimated that about 150,000 acre-feet of water could be available for storage in Southern California reservoirs or groundwater basins, or as carryover in State Water Project Reservoirs, for use in 1993. The final supply deficit or surplus for the calendar year will depend on actual member-agency demands, as well as on deliveries to storage accounts and deliveries of water from the 1992 Water Bank.

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.


Carl Boronkay

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Attachment

TABLE 1

CY 1992 Water Supply and Balance

CY 1992 Supply

Colorado River Aqueduct	1,200,000 AF
State Water Project (1)	936,000 AF
Cyclic Storage Withdrawal	<u>156,000 AF</u>
Total	2,292,000 AF

CY 1992 Demand

Projected Use (2) (3) (4)	2,013,000 AF
Cyclic/Other Storage (to date)	99,000 AF
Distribution System Losses	<u>30,000 AF</u>
Total	2,142,000 AF

Available for Storage in CY 1992 150,000 AF

Notes:

- (1) -- Includes 81,000 acre-feet of 1991 carryover water and DWCV entitlements and 10,000 AF of 1992 Water Bank.
- (2) -- Stage V effective January 1 to February 29, 1992.
 -- Stage III effective March 1 to 31, 1992.
 -- Stage I effective April 1 to December 31, 1992 and assumes 10 percent conservation.
- (3) -- Includes Discretionary Pool Deliveries and purchases from cyclic storage.
- (4) -- Projection based on estimates obtained from the member agencies.