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of the Board of Directors of
The Metropolitan Water District
of Southern California
at its meeting held MAR 8 1994

Baron E. Duff
Executive Secretary 9-12



MWD
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

March 4, 1994

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

Report

This water supply update reflects conditions as of March 3, 1994. Attached is Water Supply Update No. 5, which graphically summarizes and supplements the information below.

Colorado River Supplies

Metropolitan has received approval from the Bureau of Reclamation, subject to certain conditions, to divert Colorado River water (CRW) as needed at full aqueduct capacity in calendar year (CY) 1994. As such, Metropolitan is planning to divert at least 1.2 million acre-feet of CRW during CY 1994. In the event that consumptive use in the lower basin states exceeds 7.5 million acre-feet, compensation for overuse may be required by the end of 1999 depending on several conditions. For the month of February 1994, Metropolitan diverted 100,136 acre-feet of CRW.

Precipitation and snowpack water content for the Colorado River Basin through March 1, 1994 is 90 percent of normal and 67 percent of the average annual maximum, respectively.

State Water Project Supplies

Metropolitan, in a letter to the Department of Water Resources (DWR) dated September 22, 1993, requested 2,072,700 acre-feet of State project water for CY 1994. This amount represents the entitlements of Metropolitan and those of Desert Water Agency and Coachella Valley Water District (DWCV) under our exchange program. DWR amended its original 1994 allocation of State project entitlement water, and has made an allocation based on 50 percent of each contractor's "Table A" entitlement. Thus, Metropolitan's current allocation is 1,005,750 acre-feet and is in compliance with the State Water

Project contract. Including DWCV's share, Metropolitan's total 1994 allocation is 1,036,000 acre-feet. Metropolitan will evaluate the need for State project water as the year progresses and will notify DWR of any reductions appropriately. For the month of February 1994, Metropolitan took delivery of about 27,000 acre-feet of State project water.

Precipitation for the Northern Sierra eight-station index through February 27, 1994 was 24.4 inches or 70 percent of average for the season-to-date total. Snowpack water content in the State project watershed was 80 percent of average. As of March 1, 1994, the storage in Lake Oroville was 2,494,080 acre-feet. Total storage in San Luis Reservoir was 2,025,295 acre-feet, with the State portion at 1,060,273 acre-feet.

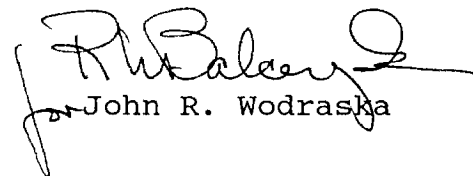
The attached table summarizes the current water supply balance for CY 1994. The demands represent the 90-percentile level of projections. Based upon this level of demands, there is a potential 25,000 acre-foot surplus in supplies estimated in 1994.

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 John R. Wodraska

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Attachments

CY 1994 WATER SUPPLY AND BALANCE

CY 1994 Supply

Colorado River Aqueduct	1,200,000 AF
State Water Project	1,036,000 AF
System Losses	-36,000 AF
Total Supply	2,200,000 AF

CY 1994 Demand

Projected Use (1) (2)	2,175,000 AF
Potential 1994 Surplus (3)	25,000 AF

Notes:

- (1) -- Stage I of IICP effective January 1 to December 31, 1994 and assumes 10-percent conservation.
- (2) -- Projections based on the 90-percentile demand level and were obtained from the Planning Division.
- (3) -- Should normal precipitation occur for the remainder of the year, a potential 100,000 to 200,000 acre-feet of State project water may be available for "turn-back" to DWR.

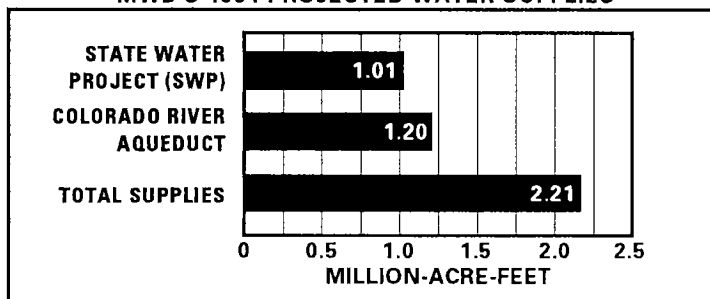
WATER SUPPLY UPDATE

PUBLISHED BY THE OPERATIONS DIVISION

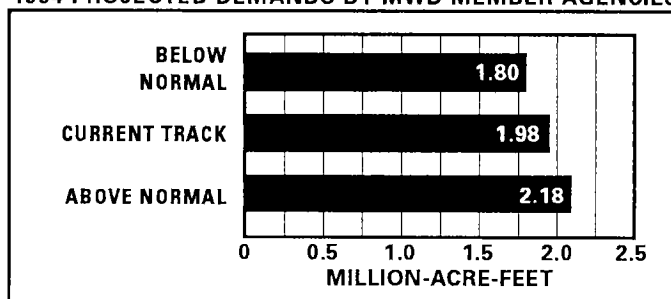
SUMMARY

Metropolitan's total water supply for CY 1994 is approximately 2.21 MAF. This is comprised of water allocation of 1.01 MAF from the Department of Resources (DWR) and MWD's anticipated use of Colorado River water amounting to at least 1.20 MAF for the year. Demands are expected to range as high as 2.18 MAF and as low as 1.80 MAF. The current track is 1.98 MAF. February sales were slightly above 100,000 acre-feet. Overall, snowpack and precipitation conditions are slightly below normal for the State Project and Upper Colorado watersheds.

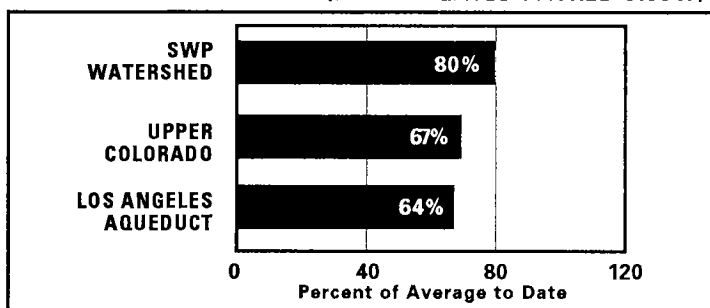
MWD'S 1994 PROJECTED WATER SUPPLIES



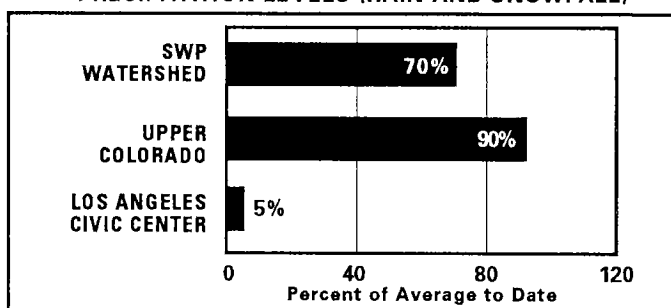
1994 PROJECTED DEMANDS BY MWD MEMBER AGENCIES



SNOWPACK CONDITIONS (ACCUMULATED PACKED SNOW)



PRECIPITATION LEVELS (RAIN AND SNOWFALL)



RESERVOIR STORAGE

