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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

*Karen E. Duff*  
EXECUTIVE SECRETARY

October 25, 1994

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

From: General Manager

Subject: Semitropic-style Groundwater Storage Program and System  
Reliability Development with the Calleguas Municipal Water  
District

Report

The Integrated Resource Planning (IRP) process has emphasized the need for additional groundwater storage to improve water supply reliability to Metropolitan's service area. In response to this need, your Board has authorized staff to negotiate "Semitropic-style" groundwater storage programs with the member agencies. In October, staff notified your Board of ongoing negotiations with the Calleguas Municipal Water District (Calleguas) for a Semitropic-style groundwater storage program (Program).

The North Las Posas Groundwater Storage Program accomplishes two primary objectives: (1) water supply reliability for the West Valley area; and (2) a second point of delivery for treated water service to Calleguas. In order to meet the regional supply reliability goal, Calleguas will store and retrieve water for Metropolitan at Metropolitan's request, under similar principles to the Semitropic Storage Program, to meet drought peak and emergency needs.

In addition, one of Metropolitan's service objectives is to provide treated water delivery to Metropolitan's member agencies at more than one location. Located along the northwestern boundary of Metropolitan's service area, Calleguas' population of 450,000 people is connected to Metropolitan by a single conduit (i.e., West Valley Feeder No. 2) which passes through areas of recent seismic activity. An outage of this single connecting pipeline would leave Calleguas without a water supply from Metropolitan. The proposed Program would serve as a second point of delivery to Calleguas and meet Metropolitan's delivery objective.

Staff from Metropolitan and Calleguas are currently finalizing Principles for a Water Management Service Agreement that will include provisions for both a Semitropic-style groundwater storage program and a second delivery source for treated water. Following are preliminary principles currently being discussed:

- Calleguas will store and retrieve water for Metropolitan at Metropolitan's request including during peak demand periods if necessary;
- Calleguas will pay Metropolitan's noninterruptible rate when water stored by Metropolitan is retrieved;
- Calleguas will own and operate all facilities constructed as a part of this Program;
- Metropolitan will pay Calleguas for the water management service of storing and retrieving water for Metropolitan;
- Calleguas will finance, construct, and operate all additional facilities necessary to provide a second delivery source for treated water, and Metropolitan will guarantee annual payments to cover a portion or all of the capital costs of these facilities;
- Metropolitan will provide an up-front payment to Calleguas to build initial necessary facilities for a second delivery source of treated water; and
- Calleguas will repay to Metropolitan all of Metropolitan's costs for the Program, including the costs for water in storage, plus other compensation if it does not deliver Metropolitan stored water when requested by Metropolitan.

An Environmental Impact Report (EIR) that could include a program as described in this letter is being prepared by Calleguas. This EIR is expected to be completed by the end of this year. Staff will keep your Board informed of this activity as it proceeds.

Recommendation

For information only.

John R. Wodraska  
General Manager

Submitted by:

*Debra C. Man*

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Debra C. Man  
Chief of Planning  
and Resources

Concur:

By:

*[Signature]*  
John R. Wodraska  
General Manager

RLH/cl