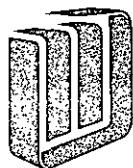


APPROVED
by the Board of Directors of
The Metropolitan Water District
of Southern California
at its meeting held

MAR 10 1992



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Daren E. Jeff
EXECUTIVE SECRETARY

February 25, 1992

To: Board of Directors (Engineering and Operations Committee--Action)
(Finance and Insurance Committee--Action)

From: General Manager

Subject: Revision No. 3 to Appropriation No. 399 to a Total of \$3,790,000,
an Increase of \$1,570,000 to Finance the Environmental Impact
Report and Other Related Work for the Chino Basin Groundwater
Storage Program

Report

In June 1983, your Board authorized the General Manager to begin the development of legal and institutional arrangements, complete an environmental impact report, and perform preliminary engineering work for the proposed Chino Basin Groundwater Storage Program. Progress on this work was interrupted during the environmental process as a result of concerns regarding the scope of the program, basin water quality conditions, and a 1988 judicial challenge of the Watermaster's administration of the basin water rights adjudication. The scope of the program has accordingly been reduced and restructured, local agencies have initiated a \$1.5 million study to develop a basin management plan with 10 percent financial participation from Metropolitan, and the judicial challenge has been resolved.

Metropolitan has for several years had two limited storage accounts in the basin: a cyclic storage account to store up to 100,000 acre-feet (AF) for use in replenishing basin overdrafts, and a trust storage account with a current balance of 50,000 AF created by exchanging imported water for groundwater production rights. Staff is currently working to develop a 50,000 AF conjunctive-use storage agreement which would allow Metropolitan to extract stored groundwater for use in its water distribution system. This project would allow Metropolitan to store imported water during periods of availability and subsequently pump up to 30,000 AF per year of that water into its distribution system to improve regional water service reliability during droughts and peak-demand periods.

Preliminary project features include improvements to spreading basins; development of injection/extraction wells,

observation wells and connecting pipelines; and water quality mitigation through participation in locally developed groundwater treatment projects. Capital expenditures for the complete project would be approximately \$12 million.

Extraction facilities would be located on and near the site of Metropolitan's Etiwanda Power Plant and Reservoir (see attached map). Project water would be pumped into Metropolitan's Upper Feeder for delivery to the Weymouth Filtration Plant to supplement noninterruptible supplies.

Negotiations with local interests are now in progress regarding development of the Program and an appropriate agreement under the Basin Judgment in Chino Basin Municipal Water District v. City of Chino. Staff requires an increase of \$1,570,000 in the appropriation to effectively conduct these negotiations and to accomplish the following: field condition analyses, preliminary design of project alternatives, and environmental review. A breakdown of the requested funds is provided in Attachment A. This requested increase is consistent with the current budget constraints formulated at the December 1991 special meetings of the Engineering and Operations Committee and the Finance and Insurance Committee.

Board Committee Assignments

This letter was referred for action to:

The Engineering and Operations Committee pursuant to Section 2431(c) of Metropolitan's Administrative Code granting it authority regarding facilities for the production, exchange, sale, storage, and treatment of water.

The Finance and Insurance Committee pursuant to Section 2441(d) of Metropolitan's Administrative Code granting it authority regarding appropriations.

Recommendation

ENGINEERING AND OPERATIONS AND FINANCE AND INSURANCE COMMITTEES FOR ACTION

It is recommended that your Board authorize an increase of \$1,570,000 in Appropriation No. 399 to a total of

\$3,790,000 to finance Chino Basin Groundwater Storage Program from the 1991 Revenue Bond Construction Fund.


for Carl Boronkay

AS:vb

Attachment

ATTACHMENT AChino Basin Groundwater Storage Program
Fiscal StatementAppropriations:

Initial Funds	July 1979	\$ 500,000
Revision No. 1	July 1983	1,000,000
Revision No. 2	June 1986	720,000
Revision No. 3	March, 1992	<u>1,570,000</u>
Total		\$3,790,000

Cost breakdown in approximate figures:

	<u>Previously Authorized Funds</u>	<u>Revision No. 3</u>
Labor	\$ 178,000	\$ 335,000
Materials	1,000	0
Incidental	117,000	100,000
Professional and Technical Services	1,820,000	135,000
Administrative Overhead	104,000	185,000
Contracts	0	500,000
Contingencies	<u>0</u>	<u>315,000</u>
Totals	\$ 2,220,000	\$1,570,000

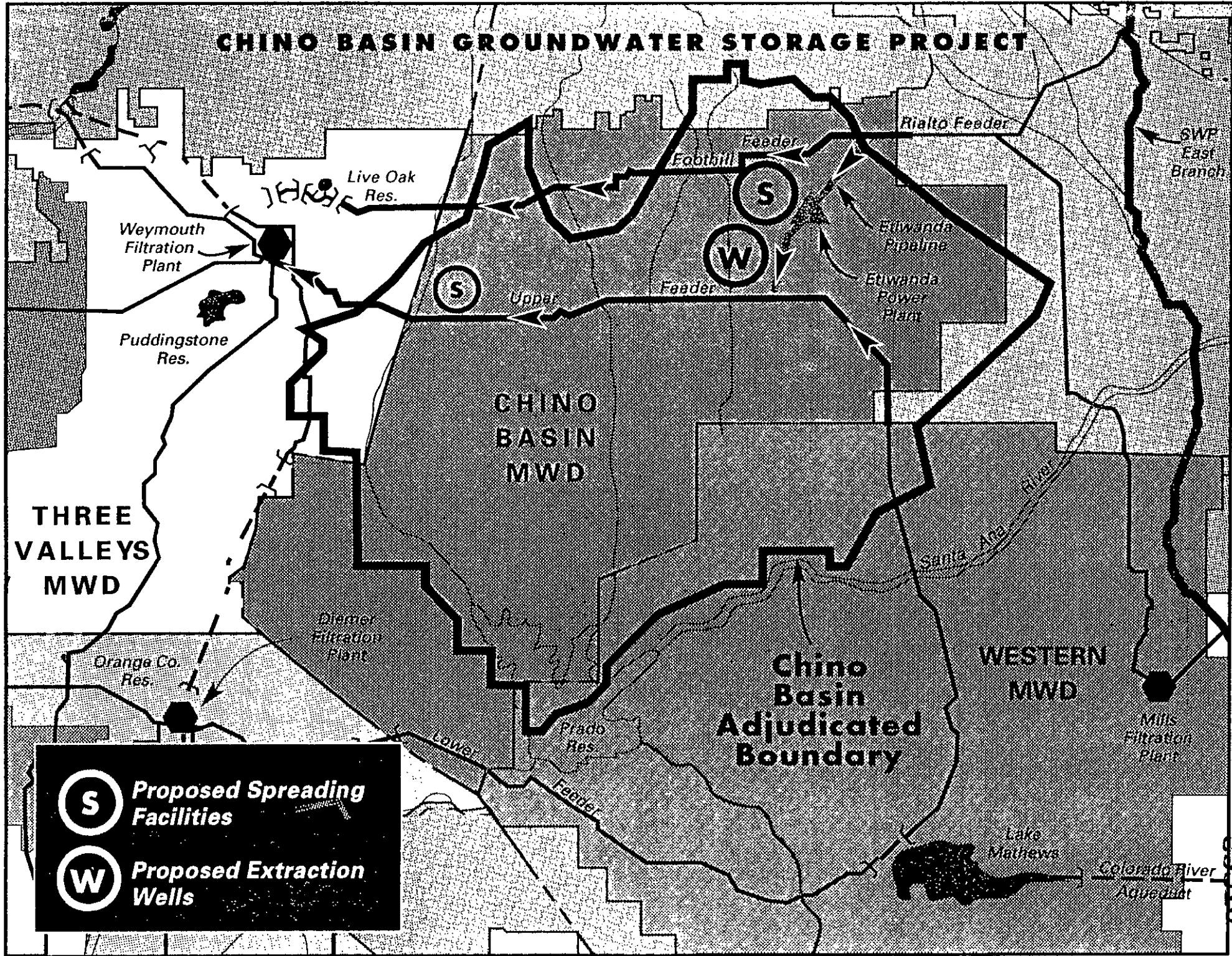
Expenditure of funds by Fiscal Year:

Through FY 1991-92	
Previously Authorized Funds	\$2,120,000
FY 1992-93	
Previously Authorized Funds	\$ 100,000
Revision No. 3	\$1,500,000
FY 1993-94	
Revision No. 3	<u>\$ 70,000</u>
Total	\$3,790,000

Projected Expenditures from 1-1-92 thru 6-30-93:

Previously Authorized Funds	\$ 450,000
Revision No. 3	<u>1,500,000</u>
Total	\$1,950,000

CHINO BASIN GROUNDWATER STORAGE PROJECT



S Proposed Spreading Facilities

W Proposed Extraction Wells