

JAN - 9 1996



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Barbara E. Poff
EXECUTIVE SECRETARY December 26, 1995

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

From: General Manager

Walter Horn
Debra C. Man

Submitted by: Debra C. Man, Chief
Planning and Resources

Subject: Second Quarter Status Report on the Local Projects Program

RECOMMENDATION

For information only.

EXECUTIVE SUMMARY

Metropolitan has entered into Local Projects Program (LPP) agreements to provide financial assistance to 39 water recycling projects which would ultimately produce about 178,000 acre-feet per year (AFY) by year 2013.

Thirty-one of these projects are in operation and eight are in design or construction. The operating projects are expected to produce about 51,000 acre-feet this fiscal year. To date, Metropolitan has provided approximately \$22.7 million to the operating projects for production of about 160,000 acre-feet of recycled water. This local recycled water allows a similar amount of Metropolitan potable water to be used for other regional needs.

In August 1995, your Board authorized the General Manager to amend existing LPP agreements to include terms of the proposed Local Resources Program (LRP). Subsequently, three LPP agreements were amended on a temporary basis and discussions are ongoing to amend three others.

DETAILED REPORT

Pursuant to Administrative Code Section 2720, the following quarterly report on the status of the Local Projects Program (LPP) is submitted for your information. Through the LPP, Metropolitan provides to local agencies a financial contribution of \$154 per acre-foot of recycled water that reduces a demand for Metropolitan's imported supplies.

Notable events regarding water recycling in the second quarter of fiscal year 1995-96 include:

- City of Glendale held a dedication ceremony for the Glendale Verdugo-Scholl Reclaimed Water Project. The project will ultimately deliver about 2,000 acre-feet per year (AFY) of recycled water for landscape irrigation.
- The Burbank Reclaimed Water System Expansion Project began operation. The project will ultimately deliver 850 AFY of recycled water for landscape irrigation.
- The LPP agreements for the West Basin Water Reclamation Program, Rio Hondo Water Reclamation Program, and Century Reclamation Program were amended on a temporary basis to include terms of the proposed Local Resources Program.

Metropolitan has entered into LPP agreements to provide financial assistance to 39 water recycling projects (see Table 1) which would ultimately produce about 178,000 AFY by year 2013. Thirty-one of these projects are in operation and the remaining eight projects are currently under design or construction. Operating projects are expected to increase production from 27,000 acre-feet last year to about 51,000 acre-feet this year. Since inception of the LPP, Metropolitan has contributed approximately \$22.7 million supporting the production of 160,000 acre-feet of recycled water for landscape irrigation, nurseries, groundwater recharge, and industrial uses.

Metropolitan is also reviewing applications or negotiating agreements for additional seven water recycling projects, which are listed in Table 2. Agreements are being finalized for three of the projects which have a collective yield of 4,600 AFY, applications are being reviewed for the remaining four projects which have a collective yield of 22,000 AFY.

In August 1995 meeting, your Board authorized amending existing LPP agreements on a temporary basis to include terms of the proposed Local Resources Program (LRP). The LRP, as described in the June 27, 1995 pending letter to your Board, would provide financial assistance of \$0 to \$250 per acre-foot to cover project costs exceeding the sum of Metropolitan's treated noninterruptible water rate plus any avoided New Demand Charge. The terms of the final LRP, when adopted by your Board and if different, will supersede this temporary program. To date, three LPP agreements have been amended to temporary LRP terms and discussions are ongoing to amend three others.

RM:arb
RM2Q96/BOARD

TABLE 1

**Local Projects Program
Projects Under Contract**

MEMBER AGENCY	PROJECT	ULTIMATE	FY 94-95	FY 95-96 ¹	TOTAL TO DATE ¹	
		YIELD	YIELD	YIELD	YIELD	CONTRIB.
PROJECTS UNDER LPP CONTRACT:		(AFY)	(AFY)	(AFY)	(AFY)	(\$)
City of Burbank	1. Burbank Reclaimed Water System Expansion Project	850	0	23	23	3,465
Calleguas MWD	2. Oak Park/North Ranch Reclaimed Water Dist. System	1,300	12	39	51	7,869
Central Basin MWD	3. Cerritos Reclaimed Water Extension Project	260	198	110	468	72,026
	4. Lakewood Water Reclamation Project	440	425	218	2,613	402,448
Coastal MWD	Green Acres Reclamation Project (Coastal MWD) ²	800	0	0	0	0
	5. San Clemente Water Reclamation Project	4,000	339	177	1,968	303,057
	6. South Laguna Reclamation Expansion Project	700	0	0	54	8,239
	7. South Laguna Reclamation Project	860	732	476	7,956	610,167
Eastern MWD	8. Rancho California Reclamation Expansion Project	6,000	1,160	568	3,241	499,129
	9. Eastern Regional Reclaimed Water System	4,900	0	0	0	0
Foothill MWD	10. Glenwood Nitrate Water Reclamation Project	1,600	982	554	2,358	363,126
City of Glendale	11. Glendale Verdugo-Scholl Reclaimed Water Project	2,000	0	0	0	0
	12. Glendale Water Reclamation Expansion Project	600	276	96	1,152	177,439
Las Virgenes MWD	13. Calabasas Reclaimed Water System Extension Project	700	539	124	2,232	343,682
	14. Las Virgenes MWD Reclamation Project	2,700	2,251	1,218	25,888	2,806,369
City of Long Beach	15. Long Beach Reclamation Project	1,700	1,088	730	7,959	1,132,639
City of Los Angeles	16. Los Angeles Greenbelt Project	1,610	625	399	1,774	273,242
	17. Sepulveda Basin Water Reclamation Project	1,900	0	0	0	0
MWD of Orange County	18. Green Acres Reclamation Project (MWDOC) ²	5,400	768	395	2,608	401,601
	19. Irvine Reclamation Project	10,000	8,243	5,408	54,184	7,046,946
	20. Moulton Niguel Water Reclamation Project	8,000	1,425	236	2,577	396,858
	21. Santa Margarita Water Reclamation Project	3,600	1,561	1,076	9,972	1,461,704
	22. Trabuco Canyon Reclamation Expansion Project	800	197	0	734	112,974
San Diego County Water Authority	23. Encina Basin Water Reclamation Project Phase I	2,050	974	728	2,822	434,526
	24. Encina Water Pollution Control Reclamation Project	165	130	60	383	58,967
	25. Escondido Regional Reclaimed Water Project	2800	0	0	0	0
	26. Fallbrook Sanitary District Water Reclamation Project	1,200	259	245	1,327	202,076
	27. North City Water Reclamation Project	17,500	0	0	0	0
	28. Oceanside Water Reclamation Project	300	4	5	62	9,594
	29. Otay Water Reclamation Project Phase I	1,500	678	455	2,790	429,722
	30. Padre Dam MWD Reclaimed Water System Phase I	850	0	0	0	0
	31. Rancho Santa Fe Reclaimed Water System	220	0	0	0	0
	32. San Pasqual Water Reclamation Project	1,100	75	110	185	28,505
	33. Santa Maria Water Reclamation Project	1,600	0	0	0	0
	34. Shadowridge Water Reclamation Project	375	270	176	1,062	163,579
City of Santa Ana	Green Acres Reclamation Project (Santa Ana) ²	800	46	29	146	22,438
Three Valleys MWD	35. Walnut Valley Water Reclamation Expansion Project	500	126	0	594	91,430
Western MWD	36. Arlington Basin Groundwater Desalter Project	6,100	1,164	0	17,092	4,017,758
	Subtotal	97,780	24,546	13,654	154,273	21,881,575
PROJECTS UNDER TEMPORARY LRP CONTRACT:³						
Central Basin MWD	1. Century Reclamation Program	5,500	2,221	1,220	5,349	876,615
	2. Rio Hondo Water Reclamation Program	5,000	101	78	179	32,007
West Basin MWD	3. West Basin Water Reclamation Program	70,000	213	3,838	4,051	836,863
	Subtotal	80,500	2,534	5,136	9,579	1,745,485
	Total	178,280	27,080	18,790	163,852	23,627,060

1. Reported totals through November 1995 - not all information is complete.

2. Green Acres Reclamation Project is approved as one project and delivers water to Coastal MWD, MWDOC, and Santa Ana

3. Contribution subject to change based on annual reconciliation.

Table 2
Local Projects Program
Proposed Projects Under Review and Negotiations

MWD Member Agency	Project	Operating Agency	Ultimate Yield (AFY)	Purpose
PROJECTS UNDER REVIEW:				
Calleguas MWD	1. Conejo Creek Diversion Project	Calleguas MWD	14,000	Landscape Agriculture
	2. Olsen Road Reclaimed Water Project	City of Thousand Oaks	225	Landscape
Chino Basin MWD	3. Carbon Canyon Reclamation Project Phase I	Chino Basin MWD	2,300	Industrial Landscape
Eastern MWD	4. Eastern MWD Reach 1 Phase II	Eastern MWD	900	Landscape Agriculture
City of Pasadena	5. Pasadena Reclaimed Water Project	City of Pasadena	4,700	Landscape Industrial
	Subtotal		22,125	
PROJECTS UNDER NEGOTIATIONS:				
City of Glendale	1. Glendale Brand Park Reclaimed Water Project	City of Glendale	225	Landscape
City of Long Beach	2. Long Beach Reclamation Expansion Phase I	City of Long Beach	2,750	Landscape
San Diego County Water Authority	3. San Elijo Water Reclamation System	San Elijo Joint Powers Authority	1,600	Landscape Agriculture
	Subtotal		4,575	
	Total		26,700	