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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Debra C. Man
for EXECUTIVE SECRETARY

June 25, 1996

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

From: General Manager *W. [Signature]*

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

Subject: Fourth 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 41 water recycling and two groundwater treatment projects which are to ultimately produce about 198,000 acre-feet per year (AFY) by year 2014.

Thirty-one of these projects are in operation and twelve are in design or construction. The operating projects are expected to produce about 46,000 acre-feet this fiscal year. Since 1982, Metropolitan has provided approximately \$26.5 million to the operating projects for production of about 180,000 acre-feet of water. This locally developed 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, four LPP agreements were amended on a temporary basis and discussions are ongoing to amend 16 others.

DETAILED REPORT

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

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

- Metropolitan entered into a LPP agreement with the City of Long Beach to implement the Long Beach Reclaimed Water Master Phase I System Expansion Project. The project will ultimately deliver about 2,750 acre-feet per year (AFY) of recycled water for landscape irrigation and industrial purposes.
- Metropolitan entered into a LPP agreement with the Eastern Municipal Water District to implement the Eastern Reach I, Phase II Water Reclamation Project. The project will ultimately deliver about 1,700 AFY of recycled water for landscape and agricultural irrigation.
- Metropolitan entered into a LPP agreement with the Chino Basin Municipal Water District to implement the Carbon Canyon Reclamation Project. The project will ultimately deliver about 13,500 AFY of recycled water for landscape irrigation and industrial purposes.
- The LPP agreement for the Glendale Verdugo-Scholl Reclaimed Water Project was amended on a temporary basis to include terms of the proposed Local Resources Program. The project will ultimately deliver about 2,000 AFY of recycled water for landscape irrigation.

Metropolitan has entered into LPP agreements to provide financial assistance to 41 water recycling and two groundwater treatment projects (see Table 1) which are to ultimately produce about 198,000 AFY by year 2014. Thirty-one of these projects are in operation and the remaining twelve projects are currently under design or construction. Operating projects are expected to increase production from 27,000 acre-feet last fiscal year to about 46,000 acre-feet this year. Since inception of the LPP, Metropolitan has contributed approximately \$26.5 million supporting the production of 180,000 acre-feet of water principally for landscape irrigation, nurseries, groundwater recharge, and industrial uses.

Metropolitan is also processing four additional water recycling projects (see Table 2) under the LPP. The LPP agreement is being finalized for one project with an ultimate yield of 225 AFY, and applications are being reviewed for the remaining three projects, which have a collective yield of 18,225 AFY.

At its August 1995 meeting, your Board authorized amending existing LPP agreements on a temporary basis to include terms of the proposed Local Resources Program (LRP). Twenty-four projects initially applied for the conversion to LRP. To date, four LPP agreements have been amended, four applicants have declined conversion, and negotiations are ongoing to amend 16 others.

RM:rbs

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TABLE 1

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**Local Projects Program
Projects Under Contract**

MEMBER AGENCY	PROJECT	ULTIMATE YIELD (AFY)	FY 94-95 YIELD (AFY)	FY 95-96 YIELD (AFY)	TOTAL TO DATE	
					YIELD (AFY)	CONTRIB. (\$)
PROJECTS UNDER LPP CONTRACT:						
City of Burbank	1. Burbank Reclaimed Water System Expansion Project	850	0	90	90	13,829
Calleguas MWD	2. Oak Park/North Ranch Reclaimed Water Dist. System	1,300	12	95	107	16,509
Central Basin MWD	3. Cerritos Reclaimed Water Extension Project	260	198	192	550	84,623
	4. Lakewood Water Reclamation Project	440	425	330	2,725	419,619
Chino Basin MWD	5. Carbon Canyon Reclamation Project	13,500	0			0
Coastal MWD	Green Acres Reclamation Project (Coastal MWD) ²	800	0	0	0	0
	6. San Clemente Water Reclamation Project	4,000	339	250	2,041	314,376
	7. South Laguna Reclamation Expansion Project	700	0	0	54	8,239
	8. South Laguna Reclamation Project	860	732	760	8,240	610,167
Eastern MWD	9. Rancho California Reclamation Expansion Project	6,000	1,160	1,234	3,907	601,693
	10. Eastern Regional Reclaimed Water System	4,900	0	0	0	0
	11. Eastern Reach I, Phase II Water Reclamation Project	1,700	0	0	0	0
Foothill MWD	12. Glenwood Nitrate Water Reclamation Project	1,600	982	1,119	2,924	450,228
City of Glendale	13. Glendale Water Reclamation Expansion Project	600	276	272	1,328	204,527
Las Virgenes MWD	14. Calabasas Reclaimed Water System Extension Project	700	539	363	2,471	380,549
	15. Las Virgenes MWD Reclamation Project	2,700	2,251	1,712	26,381	2,806,369
City of Long Beach	16. Long Beach Reclamation Project	1,700	1,088	1,049	8,278	1,181,704
	17. Long Beach Reclaimed Water Master Plan Phase I	2,750	0	0	0	0
City of Los Angeles	18. Los Angeles Greenbelt Project	1,610	625	538	1,913	294,648
	19. Sepulveda Basin Water Reclamation Project	1,900	0	0	0	0
MWD of Orange County	20. Green Acres Reclamation Project (MWDOC) ²	5,400	768	743	2,956	455,239
	21. Irvine Reclamation Project	10,000	8,243	7,475	56,251	7,365,187
	22. Moulton Niguel Water Reclamation Project	8,000	1,425	1,069	3,410	525,078
	23. Santa Margarita Water Reclamation Project	3,600	1,561	1,586	10,482	1,540,197
	24. Trabuco Canyon Reclamation Expansion Project	800	197	293	1,027	158,081
San Diego County Water Authority	25. Encina Basin Water Reclamation Project Phase I	2,050	974	1,135	3,228	497,127
	26. Encina Water Pollution Control Reclamation Project	165	130	150	472	72,750
	27. Escondido Regional Reclaimed Water Project	2800	0	0	0	0
	28. Fallbrook Sanitary District Water Reclamation Project	1,200	259	450	1,532	233,646
	29. North City Water Reclamation Project	17,500	0	0	0	0
	30. Oceanside Water Reclamation Project	300	4	10	67	10,333
	31. Otay Water Reclamation Project Phase I	1,500	678	693	3,029	466,389
	32. Padre Dam MWD Reclaimed Water System Phase I	850	0	0	0	0
	33. Rancho Santa Fe Reclaimed Water System	220	0	0	0	0
	34. San Elijo Water Reclamation System	1,600	0	0	0	0
	35. San Pasqual Water Reclamation Project	1,100	75	171	246	37,869
	36. Santa Maria Water Reclamation Project	1,600	0	0	0	0
	37. Shadowridge Water Reclamation Project	375	270	278	1,164	179,225
City of Santa Ana	Green Acres Reclamation Project (Santa Ana) ²	800	46	50	167	25,687
Three Valleys MWD	38. Walnut Valley Water Reclamation Expansion Project	500	126	151	744	114,607
Western MWD	39. Arlington Basin Groundwater Desalter Project	6,100	1,164	825	17,917	4,017,758
	Subtotal	115,330	24,546	23,080	163,698	23,086,255
PROJECTS UNDER TEMPORARY LRP CONTRACT:³						
Central Basin MWD	1. Century Reclamation Program	5,500	2,221	2,085	6,214	1,092,965
	2. Rio Hondo Water Reclamation Program	5,000	101	116	216	41,282
City of Glendale	3. Glendale Verdugo-Scholl Reclaimed Water Project	2,000	0	0	0	0
West Basin MWD	4. West Basin Water Reclamation Program	70,000	261	9,562	9,823	2,269,850
	Subtotal	82,500	2,582	11,763	16,253	3,404,097
	Total	197,830	27,128	34,842	179,951	26,490,352

1. Reported totals through May 1996 - not all information is complete.

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

3. Contribution subject to change based on annual reconciliation of actual project cost.

Table 2
Local Projects Program
Proposed Projects Under Negotiations and Review

MWD Member Agency	Project	Operating Agency	Ultimate Yield (AFY)
City of Glendale	1. Glendale Brand Park Reclaimed Water Project*	City of Glendale	225
Calleguas MWD	2. Conejo Creek Diversion Project	Calleguas	14,000
	3. Olsen Road Reclaimed Water Project	City of Thousand Oaks	225
City of Pasadena	4. Pasadena Reclaimed Water Project	City of Pasadena	4,000
		Total	18,450

* *Negotiations on agreement in progress.*

LOCAL PROJECTS PROGRAM
RECYCLED WATER DELIVERIES
(May 1996)

