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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Debra C. Man
for EXECUTIVE SECRETARY

March 26, 1996

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

From: General Manager

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

Timothy D. ...
Debra C. Man

Subject: Third 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 38 water recycling and two groundwater treatment projects which would ultimately produce about 180,000 acre-feet per year (AFY) by year 2014.

Thirty-one of these projects are in operation and nine are in design or construction. The operating projects are expected to produce about 49,000 acre-feet this fiscal year. Since 1982, Metropolitan has provided approximately \$24.4 million to the operating projects for production of about 169,000 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, three LPP agreements were amended on a temporary basis to include these terms, and discussions are ongoing to amend 22 others.

DETAILED REPORT

Pursuant to Administrative Code Section 2720, this quarterly report on the status of the Local Projects Program (LPP) is submitted. Notable events regarding water recycling in the third quarter of fiscal year 1995-96 include:

- Metropolitan entered into a LPP agreement with the San Diego County Water Authority and San Elijo Joint Powers Authority to implement the San Elijo Water Reclamation System. The project will ultimately deliver about 1,600 acre-feet per year (AFY) of recycled water for landscape and agricultural irrigation.
- The City of Los Angeles hosted a ground-breaking ceremony for the Westside Recycling Project. The project, a joint effort between the West Basin Municipal Water District and the Los Angeles Department of Water and Power, will ultimately deliver 1,850 AFY of recycled water for landscape irrigation and industrial uses in western Los Angeles.
- Upper San Gabriel Municipal Water District and Miller Brewing Company reached agreement regarding a water recycling project in the San Gabriel Basin. The project will deliver approximately 10,000 AFY of recycled water from the San Jose Creek Water Reclamation Plant to the San Gabriel River downstream of the Santa Fe Dam for groundwater recharge.

Metropolitan has entered into LPP agreements to provide financial assistance to 38 water recycling and two groundwater treatment projects (see Table 1) which would ultimately produce about 180,000 AFY by year 2014. Thirty-one of these projects are in operation and the remaining nine projects are currently under design or construction. Operating projects are expected to increase production from 27,000 acre-feet last year to about 49,000 acre-feet this year. Since the inception of the LPP, Metropolitan has contributed approximately \$24.4 million to support the production of 169,000 acre-feet of water, principally for landscape irrigation, nurseries, groundwater recharge, and industrial uses.

Metropolitan is also processing seven additional water recycling projects (see Table 2) under the LPP. Agreements are being finalized for two of the projects, which have a collective yield of 2,975 AFY, and applications are being reviewed for the remaining five projects, which have a collective yield of 33,225 AFY.

At its August 1995 meeting, your Board authorized amending existing LPP agreements on a temporary basis to include the terms of the proposed Local Resources Program (LRP) for the purposes of improving regional water supply reliability. The LRP, as described in the June 27, 1995 pending letter to your Board, would provide financial assistance of \$0 to a maximum of \$250 per acre-foot of recycled water based on eligible

project costs, qualifying criteria, and program requirements. To date, three LPP agreements have been amended to include the temporary LRP terms, and discussions are ongoing to amend 22 others.

RM:hah

Attachments

RM3Q96/BOARD

TABLE 1

**Local Projects Program
Projects Under Contract**

MEMBER AGENCY	PROJECT	ULTIMATE YIELD	FY 94-95 YIELD	FY 95-96 ¹ YIELD	TOTAL TO DATE ¹ YIELD	CONTRIB.
PROJECTS UNDER LPP CONTRACT:		(AFY)	(AFY)	(AFY)	(AFY)	(\$)
City of Burbank	1. Burbank Reclaimed Water System Expansion Project	850	0	53	53	8,224
Calleguas MWD	2. Oak Park/North Ranch Reclaimed Water Dist. System	1,300	12	67	79	12,120
Central Basin MWD	3. Cerritos Reclaimed Water Extension Project	260	198	152	509	78,448
	4. Lakewood Water Reclamation Project	440	425	268	2,663	410,117
Coastal MWD	Green Acres Reclamation Project (Coastal MWD) ²	800	0	0	0	0
	5. San Clemente Water Reclamation Project	4,000	339	206	1,997	307,569
	6. South Laguna Reclamation Expansion Project	700	0	0	54	8,239
	7. South Laguna Reclamation Project	860	732	623	8,103	610,167
Eastern MWD	8. Rancho California Reclamation Expansion Project	6,000	1,160	864	3,537	544,652
	9. Eastern Regional Reclaimed Water System	4,900	0	0	0	0
Foothill MWD	10. Glenwood Nitrate Water Reclamation Project	1,600	982	713	2,518	387,704
City of Glendale	11. Glendale Verdugo-Scholl Reclaimed Water Project	2,000	0	0	0	0
	12. Glendale Water Reclamation Expansion Project	600	276	272	1,328	204,527
Las Virgenes MWD	13. Calabasas Reclaimed Water System Extension Project	700	539	363	2,471	380,549
	14. Las Virgenes MWD Reclamation Project	2,700	2,251	1,712	26,381	2,806,369
City of Long Beach	15. Long Beach Reclamation Project	1,700	1,088	827	8,057	1,147,608
City of Los Angeles	16. Los Angeles Greenbelt Project	1,610	625	538	1,913	294,648
	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	532	2,745	422,715
	19. Irvine Reclamation Project	10,000	8,243	6,865	55,641	7,271,309
	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	1,286	10,182	1,494,059
	22. Trabuco Canyon Reclamation Expansion Project	800	197	116	850	130,838
San Diego County Water Authority	23. Encina Basin Water Reclamation Project Phase I	2,050	974	836	2,930	451,174
	24. Encina Water Pollution Control Reclamation Project	165	130	105	427	65,773
	25. Escondido Regional Reclaimed Water Project	2800	0	0	0	0
	26. Fallbrook Sanitary District Water Reclamation Project	1,200	259	301	1,383	210,777
	27. North City Water Reclamation Project	17,500	0	0	0	0
	28. Oceanside Water Reclamation Project	300	4	10	67	10,333
	29. Otay Water Reclamation Project Phase I	1,500	678	581	2,917	449,233
	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 Elijo Water Reclamation System	1,600	0	0	0	0
	33. San Pasqual Water Reclamation Project	1,100	75	137	212	32,586
	34. Santa Maria Water Reclamation Project	1,600	0	0	0	0
	35. Shadowridge Water Reclamation Project	375	270	201	1,087	167,460
City of Santa Ana	Green Acres Reclamation Project (Santa Ana) ²	800	46	39	156	23,962
Three Valleys MW	36. Walnut Valley Water Reclamation Expansion Project	500	126	51	644	99,238
Western MWD	37. Arlington Basin Groundwater Desalter Project	6,100	1,164	0	17,092	4,017,758
	Subtotal	99,380	24,546	17,954	158,572	22,445,015
PROJECTS UNDER TEMPORARY LRP CONTRACT:³						
Central Basin MWD	1. Century Reclamation Program	5,500	2,221	1,654	5,783	985,165
	2. Rio Hondo Water Reclamation Program	5,000	101	99	200	37,107
West Basin MWD	3. West Basin Water Reclamation Program	70,000	261	6,029	6,290	1,386,500
	Subtotal	80,500	2,582	7,781	12,272	2,408,772
	Total	179,880	27,128	25,735	170,844	24,853,787

1. Reported totals through January 1996 - 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 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
City of Long Beach	2. Long Beach Reclamation Expansion Phase I*	City of Long Beach	2,750
Calleguas MWD	3. Conejo Creek Diversion Project	Calleguas	14,000
	4. Olsen Road Reclaimed Water Project	City of Thousand Oaks	225
Chino Basin MWD	5. Carbon Canyon Reclamatiopn Project Phase I	Chino Basin MWD	13,300
Eastern MWD	6. Eastern MWD Reach 1 Phase II	Eastern MWD	1,700
City of Pasadena	7. Pasadena Reclaimed Water Project	City of Pasadena	4,000
		Total	36,200

* Negotiations on agreement in progress.

CUMULATIVE PROGRAM DELIVERIES

