



● **Semiannual report on Local Resources, Conservation, and Desalination**

Summary

Activities since July 2009

Detailed Report

Key Activities for this Reporting Period

Local Resources Program

- Three new Local Resource Program agreements were approved by the Board for recycled water projects in Los Angeles, Oxnard and Burbank adding 3,600 acre-feet per year (AFY) to the program.
- Four new LRP projects commenced operations in Burbank, Calleguas, San Diego, and Los Angeles adding production capacity of 2,895 AFY.
- The City of Manhattan Beach held a dedication ceremony commencing the operation of a new Public Sector water recycling project which will save about 50 AFY.



Manhattan Beach Golf Course recently retrofitted to use recycled water

Conservation Program

- Reactivated the regional commercial and residential conservation incentive programs in September 2009.
- Regional commercial incentive program was fully reserved before the end of December. Since then, however, numerous reservations have expired leaving approximately 30 percent of the budget unspent.
- Initiated discussions with member agencies on the development of a long term conservation plan strategy.

Seawater Desalination

- The Board authorized the General Manager to enter into an incentive agreement with the San Diego County Water Authority for the Carlsbad Seawater Desalination Project.
- Participated in the competitive selection process of a consultant to conduct a feasibility study for a potential seawater desalination plant in Rosarito Beach, Mexico in partnership with the San Diego County Water Authority, Southern Nevada Water Agency, and Central Arizona Water Conservation District.

Board Report (Semiannual report on Local Resources, Conservation, and Desalination)

Local Resources Program

Metropolitan provides financial incentives for local development of water recycling and groundwater recovery projects that reduce demand or prevent a new demand on Metropolitan’s imported water supplies through either direct replacement of potable water or increased regional groundwater production. The Local Resources Program is an integral part of meeting the Integrated Resources Plan (IRP) regional target of 750,000 AFY by 2025 for recycled water production, groundwater recovery and seawater desalination.

New Board Approved Projects

Staff worked with member agencies to obtain Board approval for three new Local Resource Program agreements:

- Oxnard Advanced Water Repurification Facility (Calleguas) – 2,310 AFY
- Burbank Recycled Water System Expansion Phase II (City of Burbank) - 950 AFY
- San Vicente Water Recycling Program (City of Los Angeles) - 340 AFY

Now Operating

Four new projects commenced operations in the past six months, increasing the total number of operating projects in the Local Resources Program to 79.

- Tapo Canyon Groundwater Treatment (Calleguas) - 1455 AFY
- Burbank Recycled Water System Expansion Phase II (City of Burbank) – 950 AFY
- San Vicente Water Recycling Program (San Diego County Water Authority) - 340 AFY
- Taylor Yard Park Water Recycling Project (Los Angeles Department of Water and Power) - 150 AFY

The City of Manhattan Beach recently unveiled its new recycled water system for the Manhattan Beach Golf Course on July 1. Metropolitan provided funding through West Basin Municipal Water District by means of the Public Sector Program to retrofit the on-site irrigation system from potable to recycled water. The cost of the retrofit project totaled about \$27,000 to deliver approximately 50 AFY of recycled water.

Production and Incentive Payments

Both groundwater recovery and recycled water deliveries were significantly higher than the same reporting period last year. Recovered groundwater deliveries were about 11 percent higher than last year, while recycled water deliveries were up 39 percent.

		Recovered Groundwater	Recycled Water	Total
Projects				
	No. of Projects	23	64	87
	Operating Projects	22	57	79
	Contract Yield (AFY)	84,110	332,061	416,171
Deliveries (AF)				
	July – December 2009*	24,000	98,800	122,800
	July – December 2008	21,600	71,000	92,600
Payments (millions)				
	July – December 2009*	\$4.4	\$16.5	\$20.9
	July – December 2008	\$4.9	\$17.3	\$22.2

*Deliveries and payments are as reported through December 2009; however, not all information is complete since payments are estimated until actual costs are reconciled.

Board Report (Semiannual report on Local Resources, Conservation, and Desalination)

Water Conservation

Metropolitan encourages water use efficiency through new standards, state laws, public outreach, financial incentives, and a variety of other approaches. Since 1990, Metropolitan has provided about \$250 million in conservation incentives, saving about 120,000 acre-feet annually.

Regional and State-Wide Coordination

Staff is collaborating with the member and retail agencies to develop a Long-Term Conservation Program as part of the Integrated Resources Plan (IRP) Update process. To assist in developing a comprehensive long term program, staff recently completed a market research study to gather conservation information from retail water customers. Responses from this web-based survey provided insight into saturation of water-efficient devices in residential homes throughout the service area and will help shape future conservation strategies. The Long-Term Program will consist of an updated policy and action plan that will be integrated with other elements of Metropolitan's water resource development.

On October 20, Metropolitan hosted a Department of Water Resources (DWR) workshop for municipal planners and water agencies on the new State Model Water Efficient Landscape Ordinance. DWR provided a detailed review of the ordinance and the requirements for local agencies. The ordinance, applicable to new and rehabilitated landscapes, is designed to reduce water use through design, installation, and maintenance. State law requires local agencies, by January 1, 2010, to adopt the State Model Ordinance or a local ordinance that is at least as effective in saving water.

Conservation Outreach

Conservation ads ran from August to October 2009 on television and radio stations throughout Southern California. Advertisements were broadcast on 12 television stations within Metropolitan's service area. More than 90 radio stations aired the advertisements in English, Spanish, and Chinese (Mandarin and Cantonese).

The online advertising and social marketing components of the conservation campaign were very successful, driving 56 percent of all visits to bewaterwise.com during this period. Nearly 275,000 unique visitors came to bewaterwise.com from July-December, resulting in more than 1.5 million page views.

Regional Rebate Programs

Metropolitan's regional rebate programs for residents and commercial customers re-launched on September 21 with modifications designed to continue water-efficient product rebates while remaining within budget. Commercial customers are now required to obtain a rebate reservation prior to purchase, which ensures expenditures remain within budget. Residential applications continue to be received on a first-come, first-served basis and do not require advance reservations.

As of December 28, 2009, commercial customer reservations equaled the allocated program funding for this fiscal year. The majority of device reservations were for weather-based irrigation controllers, rotating spray nozzles and high efficiency toilets. Because Metropolitan's commercial program funding had been fully subscribed, the program transitioned to a member agency fully funded program as planned on January 4, 2010. Since then, about 30 percent of those reservations expired.

Rebate activity in the regional residential program started slowly when the program restarted in September. Program marketing efforts with local retailers have begun to increase awareness of residential rebates and spur greater rebate activity.

Water Savings

New water savings through the first half of FY 2009/10 totaled 6,800 acre-feet, which is on track to meet annual IRP goals. Including backlog payments for activity last fiscal year, Metropolitan expects to save approximately 16,000 acre-feet of water from incentive payments this fiscal year.

Board Report (Semiannual report on Local Resources, Conservation, and Desalination)

Conservation Activity Summary Based on Actual Expenditures

	Commercial	Residential	Backlog/MA Run Programs	Total
New Annual Water Savings (acre-feet) (July – December 2009)	450	250	6,100	6,800

For a detailed description of current conservation expenditures, please refer to the Quarterly Report on Conservation Credits Program for April 2010

Seawater Desalination

Metropolitan’s Integrated Resources Plan includes a regional goal of 150,000 acre-feet of seawater desalination supplies by 2025. In support of this target, Metropolitan created the Seawater Desalination Program (SDP), which offers financial incentives to member agencies to develop local projects through agreements modeled after the LRP. Metropolitan also provides regional facilitation to the member agencies by supporting projects during the permitting process and through coordinating member agency responses to regulatory and legislative issues.

Carlsbad Seawater Desalination Project

In November, the Board authorized a SDP incentive agreement for up to \$250 per acre-foot over 25 years with the San Diego County Water Authority (SDCWA) and nine of its local retail agencies for the Carlsbad Seawater Desalination Project. Metropolitan worked closely with the SDCWA to adjust agreement terms to account for unique aspects of the project related to private development and ownership. In January, Poseidon secured \$530 million in tax free bonds issued by the State of California Investment Bank to fund construction. Poseidon began site preparation in December.

The project’s marine life protection plan was upheld at a Coastal Commission hearing in December, and its greenhouse gas plan was upheld in a second hearing in February. At the request of the SDCWA, Metropolitan submitted two letters and testified at the greenhouse gas plan revocation hearing.

Rosarito Beach Desalination Study

As part of a bi-national effort to augment Colorado River supplies, Metropolitan entered into a partnership with the SDCWA, the Southern Nevada Water Authority, and the Central Arizona Water Conservation District to study the potential for a seawater desalination project at Rosarito Beach in Mexico. Mexican water agency representatives are providing in-kind services. Phase I of the study was launched in October and will investigate the potential for both a 25 million gallons per day and 50 million gallons per day projects, with a various conveyance alignments for bringing a portion of the product water to San Diego County. This effort expands upon a 2005 study conducted by the San Diego County Water Authority and the Binational Technical Committee.

Other Member Agency Seawater Desalination Projects

Several of the member agencies pursuing seawater desalination reached significant milestones. MWDOC finalized design and began construction on an expanded, one year pilot test of their slant beach-well. West Basin Municipal Water District began construction of a demonstration project in Redondo Beach designed to test alternative intake technology and process optimization. The SDCWA completed the Camp Pendleton Seawater Desalination Feasibility Study, which evaluated the potential for up to a 50 to 150 mgd project in Camp Pendleton. The City of Long Beach completed a study of alternative membrane treatment systems and continued testing sub-surface infiltration galleries as an alternative to open water intakes.

Board Report (Semiannual report on Local Resources, Conservation, and Desalination)

Regional Facilitation

Metropolitan supported member agency efforts in seawater desalination through monthly policy coordination meetings, and through tracking and reporting regulatory and legislative issues this year:

- Monitoring State Water Resource Control Board's development of power plant once through cooling regulations that could impact co-located seawater desalination projects,
- Monitoring Department of Fish and Game's process for expanding the network of marine life protection areas in Southern California, and several federal initiatives,
- Metropolitan communicated with Federal legislators in support of Senate and House bills that would create Tax Credit Bonds for new water supplies, including desalted water, recycled water, and recovered groundwater.

APPENDIX

**GROUNDWATER RECOVERY PROJECTS
AS OF DECEMBER 31, 2009**

MEMBER AGENCY	PROJECT	AGREE- MENT DATE ¹	CONTRACT YIELD ² (AFY)	FY 08-09 JUL - JUN YIELD (AFY)	FY 09-10 DEC YIELD (AFY)	TOTAL TO DATE ³		
						YIELD (AF)	Contribution (\$)	
GROUNDWATER RECOVERY PROGRAM:								
City of Beverly Hills	BH-GRP1	Beverly Hills Desalter Project	1998	2,600	852	626	8,839	\$2,127,025
City of Burbank	B-GRP1	Burbank Lake St. GAC Treatment Plant	1992	2,744	0	0	14,848	\$761,119
Eastern Municipal Water District	EM-GRP1	Menifee Basin Desalter Project	1996	3,360	2,651	1,784	13,296	\$3,223,176
Municipal Water District of Orange County	OC-DS3	Capistrano Beach Desalter Project	1998	1,300	748	333	1,339	\$334,725
	OC-DS1	Tustin Desalter Project	1992	3,271	970	190	28,577	\$3,181,467
	OC-DS2	Irvine Desalter Project	1993	6,700	3,821	2,100	10,078	\$2,519,450
	OC-GRP2	San Juan Basin Desalter	1998	4,800	2,159	837	13,773	\$3,450,475
San Diego County Water Authority		Oceanside (Mission Basin) Desalter Project Phase I ⁴	1993	2,000	0	0	0	\$0
	SD-DS1	Oceanside (Mission Basin) Desalter Project Phase II ⁴	1998	4,500	1,655	2,206	36,809	\$6,113,636
	SD-GRP1	Lower Sweetwater Desalter Phase I	1996	3,600	2,621	1,629	28,768	\$6,784,725
City of Torrance	T-GRP1	Madrona Desalination Facility Project	1998	2,400	651	564	12,584	\$2,927,705
West Basin Municipal Water District	WB-DS1	West Basin Desalter Project	1992	1,524	742	256	12,810	\$3,175,603
Western Municipal Water District / Western	WR-GRP1	Chino Basin Desalination Program, Phase I / Western	1995	4,000	2,362	1,600	34,495	\$8,623,800
Western Municipal Water District / IEUA	CB-GRP1	Chino Basin Desalination Program, Phase I / IEUA	1995	4,000	7,238	6,119	51,293	\$12,823,250
Subtotal				46,799	26,470	18,244	267,509	\$6,046,156
LOCAL PROJECTS PROGRAM:								
Western Municipal Water District	WR-DS1	Arlington Basin Groundwater Desalter Project	1988	6,100	5,711	2,984	88,942	\$25,132,002
Subtotal				6,100	5,711	2,984	88,942	\$25,132,002
COMPETITIVE LRP 1998:								
Central Basin Municipal Water District		Juan Well Filter Facility	2000	900	0	0	1,398	\$104,865
Municipal Water District of Orange County	OC-GRP1	Colored Water Treatment Facility Project (Mesa Consolidated)	1999	11,300	3,723	2,619	33,068	\$3,535,362
Western Municipal Water District	WR-GRP2	Temescal Basin Desalting Facility Project	1999	10,000	10,000	1,854	73,950	\$7,017,590
Subtotal				22,200	13,723	4,472	108,417	\$10,657,817
COMPETITIVE LRP 2003:								
Calleguas Municipal Water District		Tapo Canyon Groundwater Treatment Plant	2005	1,445	0	0	0	\$0
Three Valleys Municipal Water District	Pomona Well #37	Pomona Well #37-Harrison Well Groundwater Treatment Project	2005	1,100	168	407	575	\$57,520
Subtotal				2,545	168	407	575	\$57,520
EXPIRED AGREEMENTS:								
Foothill MWD		Glenwood Nitrate Water Reclamation Project	1988	1,600	0	0	5,887	\$1,471,775
Las Virgenes MWD		Westlake Wells-Tapia WRF Intertic Project	1999	150	0	0	1,107	\$46,384
Subtotal				1,750	0	0	6,994	\$1,518,159
TERMINATED AGREEMENTS:								
City of Santa Monica		Santa Monica Groundwater Treatment Project	1993	1,800	0	0	24,970	\$0
Three Valleys Municipal Water District		Rowland Desalter Project	1998	516	0	0	0	\$0
West Basin Municipal Water District		Sepulveda Desalter Project	1998	2,400	0	0	0	\$0
Subtotal				4,716	0	0	24,970	\$0
Operating Projects:			Total	84,110	46,072	26,108	497,407	\$93,411,654

1. Original agreement execution date is shown and is not necessarily indicative of the date the project commenced operation.

2. Most contracts allow an additional 20% production.

3. Totals through March 2008 reported to date - not all information is complete.

4. Production for both projects is reported and administered under one agreement.

5. Project production is not certified, however agency reports that Project operates at contract yield.

Note: Oceanside counts as 2 projects

Board Report (Semiannual report on Local Resources, Conservation, and Desalination)

RECYCLING PROJECTS

AS OF DECEMBER 31, 2009

MEMBER AGENCY	PROJECT	AGREE- MENT DATE ¹	CONTRACT YIELD (AFY)	FY 08-09 JUL - JUN YIELD (AFY)	FY 09-10 DEC YIELD (AFY)	TOTAL TO DATE ²		
						YIELD (AF)	Contribution (\$)	
LOCAL PROJECTS PROGRAM:								
Calleguas Municipal Water District	CA-RCL2 Conejo Creek Water Recycling Project	1998	14,000	2,638	2,410	15,393	\$2,370,614	
Central Basin Municipal Water District	CENB-RCL1 Lakewood Water Reclamation Project	1989	440	398	268	8,409	\$1,294,924	
Eastern Municipal Water District	EM-RCL1 Rancho California Reclamation Expansion Project	1993	6,000	2,920	2,380	41,201	\$6,346,802	
	Eastern Regional Reclaimed Water System	1995	4,830	0	0	0	\$0	
	EM-RCL3 Eastern Reach 1, Phase II Water Reclamation Project	1996	1,700	1,345	1,700	6,745	\$1,038,791	
City of Glendale	G-RCL1 Glendale Water Reclamation Expansion Project	1989	500	418	273	5,209	\$802,310	
Inland Empire Utility Agency	CB-RCL1 IEUA Regional Recycling Water Distribution System	1996	13,500	9,861	9,527	44,293	\$6,821,152	
Las Virgenes Municipal Water District	LV-RCL2 Calabasas Reclaimed Water System Extension Project	1989	700	700	700	11,109	\$1,710,802	
City of Long Beach	LB-RCL1 Long Beach Reclamation Project	1986	1,700	1,248	552	27,580	\$4,247,305	
	LB-RCL2 Long Beach Reclaimed Water Master Plan, Phase I System Expansion	1995	2,750	369	0	1,325	\$204,250	
City of Los Angeles	LA-RCL2 Sepulveda Basin Water Reclamation Project	1993	1,500	79	844	1,160	\$178,640	
Municipal Water District of Orange County	OC-RCL1 Irvine Reclamation Project	1986	10,000	10,000	8,022	191,122	\$29,432,696	
	OC-RCL4 Moulton Niguel Water Reclamation Project	1992	8,000	6,727	4,040	77,443	\$12,021,040	
	CM-RCL3 San Clemente Water Reclamation Project	1990	1,500	442	162	2,604	\$400,277	
	OC-RCL2 Santa Margarita Water District Water Reclamation Expansion Project	1987	3,600	2,274	1,485	34,698	\$5,321,994	
	OC-RCL3 Trabuco Canyon Reclamation Expansion Project	1989	800	382	107	5,623	\$865,957	
San Diego County Water Authority	SD-RCL5 Oceanside Water Reclamation Project	1991	300	46	74	1,367	\$210,472	
	SD-RCL9 Santa Maria Water Reclamation Project	1990	400	206	135	2,166	\$333,610	
	Shadowridge Water Reclamation Project	1989	375	0	0	3,097	\$476,984	
Subtotal			72,595	40,053	32,680	480,546	74,078,619	
LOCAL RESOURCE PROGRAM CONVERSIONS:								
City of Burbank	B-RCL1 Burbank Reclaimed Water System Expansion Project	1994	850	778	437	7,667	\$1,916,623	
Central Basin Municipal Water District	CENB-RCL5 Century Reclamation Program ³	1991		0	0	0	\$0	
	CENB-RCL5 Rio Hondo Water Reclamation Program ³	1992	10,500	4,717	2,793	43,290	\$14,287,425	
City of Glendale	Glendale Brand Park Reclaimed Water Project ⁴	1996	225	0	0	0	\$0	
	G-RCL4 Glendale Verdugo-Scholl Reclaimed Water Expansion Project II ⁴	1994	2,000	903	493	9,325	\$2,664,850	
Municipal Water District of Orange County	OC-RCL5 Green Acres Reclamation Project ^{5,5} (OCWD)	1988	2,160	2,129	952	25,459	\$5,712,931	
	CM-RCL4 Green Acres Reclamation Project ^{5,5} (Coastal)		320	239	165	2,452	\$589,050	
San Diego County Water Authority	Encina Basin WRP Phase I	1993	2,050	0	0	0	\$0	
	SD-RCL11 Escondido Regional Reclaimed Water Project	1995	2,461	422	270	1,803	\$383,560	
	SD-RCL1 Fallbrook Public Utility District Water Reclamation Project	1989	1,200	592	393	8,680	\$2,071,950	
	SD-RCL10 North City Water Reclamation Project	1993	17,500	5,991	3,743	45,932	\$9,507,768	
	SD-RCL12 Padre Dam MWD Reclaimed Water System Phase I	1995	850	823	501	7,508	\$1,752,000	
	SD-RCL13 San Elijo Water Reclamation System	1996	1,600	1,308	742	10,001	\$2,314,925	
City of Santa Ana	San Pasqual Water Reclamation Project, Phase I	1991	1,100	0	0	1,569	\$392,350	
	SA-RCL1 Green Acres Reclamation Project ⁷ (Santa Ana)	1988	320	127	54	3,220	\$787,900	
West Basin Municipal Water District	WB-RCL1 West Basin Water Reclamation Program	1991	70,000	29,935	17,885	342,332	\$81,077,450	
Subtotal			113,136	47,964	28,428	509,239	\$123,458,784	
COMPETITIVE LRP 1998:								
City of Santa Monica	SMN-RCL1 Dry Weather Runoff Reclamation Facility	1999	280	94	65	441	\$63,585	
Central Basin Municipal Water District	CENB-RCL6 Alamitos Barrier Reclaimed Water Project	2000	3,024	1,724	1,318	5,818	\$1,151,595	
City of Los Angeles	LA-RCL3 Harbor Water Recycling Project	2000	5,000	1,716	1,316	7,123	\$705,276	
Municipal Water District of Orange County	Capistrano Valley Non Domestic Water System Expansion	2000	2,895	0	0	0	\$0	
	Moulton Niguel Phase 4 Reclamation System Expansion	2000	1,276	0	0	0	\$0	
	OC-RCL6 Development of Non Domestic Water System Exp. Ladera and Talega	2000	2,772	2,017	1,332	9,672	\$1,042,287	
San Diego County Water Authority	SD-RCL8 Encina Basin Water Reclamation Program-Phase 1 & 2	2000	2,950	3,944	2,623	28,974	\$5,800,242	
	SD-RCL15 Olivenhain Recycled Project - Southeast Quadrant	2000	1,788	1,232	810	5,446	\$816,915	
	SD-RCL6 Otay Recycled Water System	1999	7,500	4,459	2,932	26,702	\$5,440,271	
	SD-RCL14 Rincon del Diablo Recycled Water Program	2000	648	648	648	3,292	\$406,129	
Subtotal			28,133	15,834	11,044	87,468	\$5,426,299	

Board Report (Semiannual report on Local Resources, Conservation,
and Desalination)

RECYCLING PROJECTS
AS OF DECEMBER 31, 2009

MEMBER AGENCY	PROJECT	AGREE- MENT DATE ¹	CONTRACT YIELD (AFY)	FY 08-09 JUL - JUN YIELD (AFY)	FY 09-10 DEC YIELD (AFY)	TOTAL TO DATE ²		
						YIELD (AF)	Contribution (\$)	
COMPETITIVE LRP 2003:								
Eastern Municipal Water District	EM-RCL4	Recycled Water Pipeline Reach 16 Project	2004	820	593	339	2,242	\$183,832
Las Virgenes MWD		Decker Canyon Water Recycling Facilities Project	2005	300	0	0	0	\$0
City of Los Angeles	LA-RCL4	Hansen Area Water Recycling Phase I Project	2005	2,500	1,328	673	2,156	\$31,929
		Sepulveda Basin Water Recycling Project Phase 4	2005	546	0	0	0	\$0
Municipal Water District of Orange County	OC-RCL7	Groundwater Replenishment System Seawater Barrier Project	2004	70,000	45,257	33,394	83,724	\$10,130,592
	OC-RCL8	IRWD Recycled Water System Upgrade Project	2004	8,500	1,671	1,704	3,375	\$394,887
Three Valleys MWD		City of Industry Regional Recycled Water Project (Rowland)	2005	1,884	0	0	0	\$0
	PM-RCL3	City of Industry Regional Recycled Water Project (Walnut)	2005	2,584	0	0	150	\$22,515
Upper San Gabriel Valley MWD	USG-RCL1	USGVMWD Direct Reuse Project Phase IIA	2004	2,258	850	85	2,763	\$374,912
		City of Industry Regional Recycled Water Project (USGVMWD)	2005	4,000	0	0	0	\$0
Subtotal				93,392	49,699	36,195	94,410	\$11,138,667
2007 LRP:								
City of Burbank	B-RCL2	Burbank Recycled Water System Expansion-Phase 2						
Calleguas MWD		Advanced Water Purification Facility Project	2009	2,310	0	0	0	\$0
City of Los Angeles		Los Angeles Taylor Yard Park	2009	150	0	0	0	\$0
Inland Empire Utility		IEUA Regional Recycled Water Expansion	2009	14,400	0	0	0	\$0
San Diego County Water Authority	SD-RCL16	San Vicente Recycled Water Project	2009	340	0	68	0	\$0
Subtotal				17,200	0	68	0	\$0
EXPIRED AGREEMENTS:								
Calleguas MWD	CA-RCL1	Oak Park/North Ranch Recycled Water Distribution System	1991	1,300	785	0	14,808	\$2,280,432
Central Basin Municipal Water District		Cerritos Reclaimed Water Extension Project ³	1993	260	0	0	2,854	\$288,226
Las Virgenes MWD	LV-RCL-2	Las Virgenes Reclamation Project	1993	2,700	0	0	41,385	\$2,806,369
City of Los Angeles	LA-RCL1	Los Angeles Greenbelt Project	1990	900	0	0	10,718	\$1,650,618
MWD of Orange County		South Laguna Reclamation Project	1993	860	0	0	12,852	\$610,167
San Diego County Water Authority	SD-RCL3	Encina Water Pollution Control Reclamation Project ⁶	1992	165	0	0	1,971	\$113,098
Three Valleys MWD		Walnut Valley Water Reclamation Expansion Project ⁶	1991	500	0	0	5,130	\$240,117
Subtotal				6,685	785	0	74,910	\$5,708,595
TERMINATED AGREEMENTS:								
Municipal Water District of Orange County		South Laguna Reclamation Expansion Project	1988	700	0	0	59	\$8,239
San Diego County Water Authority		Rancho Santa Fe Reclaimed Water System	1993	220	0	0	0	\$0
Subtotal				920	0	0	59	8,239
Total				332,061	154,335	108,346	1,246,632	\$229,819,203

1. Original execution date is shown and is not necessarily indicative of the date the project commenced operation.
 2. Totals through March 2008 as reported to date - not all information is complete.
 3. Projects operate separately, but are administered as one agreement for the respective agency as of July 1, 1999.
 4. MWDOC delivers 800 AFY from a project formerly operated by Coastal Municipal Water District.
 5. Green Acres Reclamation Project delivers water to MWDOC and Santa Ana and is approved as one project with a Total Contract Yield of 7,000 AFY.
 6. Project operation continues but production is not certified. Production shown is Contract Yield.
- Note: South Laguna Expansion and Rancho Santa Fe remain on tables but have been terminated.