

CENTRAL BASIN MUNICIPAL WATER DISTRICT

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Phone: (310) 217-2222 - Fax: (310) 516-1327

DATE: February 1, 2007

TO: Distribution

FROM: Art Aguilar, General Manager

A handwritten signature in black ink, appearing to read 'Art Aguilar', with a large, stylized flourish extending to the right.

SUBJECT: Amendment to the 2005 Urban Water Management Plan

Last week, the California Department of Water Resources (DWR) formally approved Central Basin Municipal Water District's (Central Basin) amendment to the 2005 Urban Water Management Plan (UWMP). The DWR sent a letter indicating that Central Basin's UWMP is now a "complete" plan.

The completed amendment is attached. If you have any questions or concerns or if you need a copy of the UWMP, please contact David Hill at (310) 436-2601 or email at daveh@centralbasin.org.

Attachment

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Central Basin Municipal Water District

Amendment to the 2005 Urban Water Management Plan

***Appendix H
January 2007***

Item # 1 – Sales to Other Agencies – AF Year

Table 13 provides both actual and projected imported water sales to the retail water agencies within the Central Basin service area in Acre-Feet (AF). Note that replenishment is included in the total amount.

Table 13							
Sales to Other Agencies							
<u>Agencies Purchasing Imported Water</u>	Actual		Projected ¹				
	FY 2000-01	FY 2005-06	2010	2015	2020	2025	2030
Bellflower-Somerset Mutual Water Company	0.00	2,105.40	2,324	2,533	2,761	3,002	3,227
California Water Service - East Los Angeles	14,764.20	14,005.10	14,276	15,560	16,961	18,436	19,819
City of Bell Gardens	773.90	1,111.00	854	931	1,015	1,103	1,186
City of Bellflower	2,106.70	0.00	0	0	0	0	0
City of Cerritos	2,554.60	625.20	2,502	2,727	2,973	3,231	3,474
City of Commerce	583.80	423.00	454	494	539	586	630
City of Downey	0.60	0.00	4	5	5	6	6
City of Huntington Park	1,595.20	1,792.90	1,558	1,699	1,851	2,013	2,163
City of Lakewood	0.00	0.00	0	0	0	0	0
City of Lynwood	601.40	1,653.30	1,045	1,139	1,241	1,349	1,450
City of Montebello	1,293.10	1,137.40	1,281	1,397	1,522	1,655	1,779
City of Norwalk	866.50	920.30	588	641	698	759	816
City of Paramount	2,723.30	2,427.90	2,306	2,514	2,740	2,979	3,202
City of Santa Fe Springs	4,156.10	2,601.90	3,636	3,963	4,320	4,695	5,048
City of Signal Hill	274.20	637.20	216	236	257	279	300
City of South Gate	0.00	0.00	1	1	1	1	1
City of Vernon	-225.40	2,784.50	1,080	1,177	1,283	1,395	1,499
County of Los Angeles - Rancho Los Amigos	402.10	357.70	431	470	512	557	599
Golden State Water Company	9,491.10	10,786.70	9,604	10,469	11,411	12,404	13,334
La Habra Heights Water District	1,601.00	114.40	648	707	770	837	900
Maywood Mutual Water Co. No. 1	250.80	220.50	224	245	267	290	311
Maywood Mutual Water Co. No. 2	380.30	204.50	458	499	544	592	636
Maywood Mutual Water Co. No. 3	106.60	0.00	60	65	71	77	83
Orchard Dale Water District	1,328.50	1,216.00	1,286	1,402	1,528	1,661	1,786
Park Water Company	11,356.00	12,097.80	11,200	12,208	13,307	14,465	15,550
San Gabriel Valley Water Co	895.00	880.70	903	984	1,073	1,166	1,254
Suburban Water Systems	931.50	1,991.90	1,827	1,991	2,170	2,359	2,536
Walnut Park Mutual Water Co.	160.30	506.50	501	546	595	646	695
Total	58,971.40	60,601.80	59,268	64,603	70,417	76,543	82,284
Water Replenishment District (Replenishment) ²	23,450.60	25,418.30	27,600	27,600	27,600	27,600	27,600
Total including Replenishment	82,422.00	86,020.10	86,868	92,203	98,017	104,143	109,884

¹Projected imported water sales to local retail water agencies are not necessarily reflective of the local agency's UWMP. The above projections are based on estimated increases of about 2% annually.

²Imported water demand for replenishment purposes are based upon the Water Replenishment District's projected estimate needs, although they may adjust depending upon groundwater production.

Item # 2 - Planned Water Supply Projects and Programs

The Southeast Water Reliability Project (SWRP) will consist of approximately 12 miles of recycled water transmission pipeline extending from the City of Pico Rivera to the City of Vernon. Increased pumping capacity at the existing Rio Hondo Pump Station will be required and will involve modifications to the pump station and the addition of a new pump station adjacent to the existing site. SWRP will complete Central Basin's recycled water transmission system by connecting the existing Rio Hondo and Century area pipelines across the northern portion of the service area. This "loop" will increase available flow and pressure in many areas of the entire distribution system that are currently not adequately served. Also, SWRP will provide recycled water to customers in the Cities of Pico Rivera, Montebello, Vernon, Los Angeles, the unincorporated county area of East Los Angeles, the San Gabriel Valley Water Company, and the Upper San Gabriel Valley Municipal Water District.

When completed, SWRP is expected to increase recycled water deliveries from the current 4,000 AFY to approximately 11,000 AFY within the next three years and ultimately to 26,000 AFY within 10 years. SWRP is currently in design phase. As shown below in Table 17, it is project that construction will begin in April 2007 and be completed by December 2008.

Since SWRP is part of the recycled water system in Central Basin, the supply is not subject to reductions during dry-year or even multiple dry-year scenarios. There are no other water supply projects currently being planned for Central Basin service area.

Project Name	Projected Start Date	Projected Completion Date	Normal-Year AF to Agency ¹	Single Dry-Year Yield AF	Multiple Dry-Year Year 1	Multiple Dry-Year Year 2	Multiple Dry-Year Year 3
SWRP	March 2007	Dec 2008	26,000	26,000	26,000	26,000	26,000

¹Normal year recycled water direct deliveries are based on maximum use after the SWRP construction is completed.

Item # 3 – Agency Provided Written Demand Projections to Wholesaler, 20 Years

Table 19 provides the demand projections for non-interruptible imported water from Metropolitan Water District (MWD) for the Central Basin service area. Table 20 provides water demand for all classes of water use in the Central Basin. Table 21 shows the supply by class of water for a single-dry year and multiple dry-years as compared to a normal supply year. Finally, Table 22 provides the factors that could result in an imported water supply deficit.

Wholesaler	2010	2015	2020	2025	2030
MWD – Non-interruptible	59,091	64,691	70,462	76,409	82,535
MWD - Replenishment	27,600	27,600	27,600	27,600	27,600
Recycled Water	11,750	16,500	26,000	26,000	26,000
Total	98,441	108,791	124,062	130,009	136,135

Wholesaler Sources	2010	2015	2020	2025	2030
Imported Water	59,091	64,691	70,462	76,409	82,535
Recycled Water (Spreading)	50,000	50,000	50,000	50,000	50,000
Replenishment Water	27,600	27,600	27,600	27,600	27,600
Total	136,691	142,291	148,062	154,009	160,135

Wholesaler Sources	Single-Dry	Year 1	Year 2	Year 3
Imported Water	108%	100%	87%	95%
Recycled Water	100%	100%	100%	100%

Name of Supply	Legal	Environment	Water Quality	Climatic
Imported Water	X	X		X

Item # 4 – Water Supply Shortage Stages and Conditions

If a water supply shortage does occur, Central Basin and the other member agencies of MWD will be allocated imported water under a WSMD plan allocation formula that is currently being drafted by MWD. Once the allocation plan is reviewed by the member agencies and approved by the MWD Board of Directors, it will simply go into effect. No additional approvals or amendments to this UWMP will be necessary.

Item # 5 – Minimum Water Supply Available by Source for the Next Three Years

Table 24 provides the minimum water supply necessary to meet demands for the Central Basin service area for the next three years.

Source	Normal	2006	2007	2008
Groundwater	205,960	205,960	205,960	205,960
MWD - Non Interruptable ¹	63,000	68,000	59,308	64,816
Recycled Water ²	7,400	7,400	9,400	10,900
MWD - Replenishment ¹	27,785	27,785	27,785	27,785
Total	304,145	309,145	302,453	309,461

¹MWD provides imported and replenishment service to the Central Basin service area. MWD reports that since the 2003 IRP Update, they are 100 reliable for deliveries given a repeat of historic drought hydrology through 2025.
²Recycled water projected uses include CBMWD deliveries, Cities of Cerritos and Lakewood direct use, and Upper San Gabriel Valley Municipal Water District deliveries.

User Type	Treatment Level	2005 ¹	2010	2015	2020	2025	2030
Agriculture		0	0	0	0	0	0
Landscape	Tertiary	2,609	8,250	9,000	9,000	9,000	9,000
Wildlife Habitat		0	0	0	0	0	0
Wetlands		0	0	0	0	0	0
Industrial	Tertiary	496	3,500	7,500	17,000	17,000	17,000
Total Central Basin Use	Tertiary	3,105	11,750	16,500	26,000	26,000	26,000
GW Recharge (Spreading)	Tertiary	50,000	50,000	50,000	50,000	50,000	50,000
City of Cerritos	Tertiary	1,714	1,950	1,950	1,950	1,950	1,950
City of Lakewood	Tertiary	352	450	450	450	450	450
	Total	55,216	62,900	68,900	78,400	78,400	78,400

¹FY 2004-05 actual. Does not include RW delivered to USGVMWD.

Item # 8 – Describe Methods of Wastewater Disposal and Volume

In 2005, LACSD's two facilities, the Los Coyotes WRP and the San Jose Creek WRP, reclaimed about 128,000 AF of wastewater. Approximately 55,200 AF of the 128,000 AF was recycled by Central Basin MWD, USGVMWD, the Cities of Cerritos and Lakewood. As shown in Table 34, the remaining reclaimed water (about 72,800 AF) was placed in the San Gabriel River which flowed to the Pacific Ocean.

Method of Disposal	2005	2010	2015	2020	2025	2030
San Gabriel River	72,800	77,100	77,850	79,600	78,350	82,100
Total	72,800	77,100	77,850	79,600	78,350	82,100

¹Volume disposed is the total amount of wastewater treated minus recycled water used in the CB service area, the USGVMWD service area, the Cities of Cerritos and Lakewood, and groundwater recharge.

Item # 9 – Water Quality Impacts

Water quality is discussed in detail in Chapter 5. However, it should be noted that actual imported water quality impacts to Central Basin MWD and to the retail water agencies within the Central Basin service area are minimal. This is because MWD manages water quality issues at their treatment facilities. Any potential impacts to imported water deliveries are routinely reported to the Central Basin staff who then reports the information to the retail water agencies so that appropriate actions can be taken.

Item # 10 – Notification Letter to Cities, Agencies and County

The following notification letter was sent in July 2005 prior to the adoption of the 2005 UWMP. The letter was sent to all cities, water purveyors including Metropolitan Water District, Los Angeles County planning department, the office of the California State Librarian, and the California Department of Water Resources. Also included is the notification letter for the intent to adopt an amendment to the 2005 UWMP from October 2006.



Central Basin Municipal Water District

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July 8, 2005

To Whom It May Concern:

This letter serves as notification that the Central Basin Municipal Water District is currently preparing a 2005 update of its Urban Water Management Plan, pursuant to the Urban Water Management Planning Act (Act) of the California Water Code. The Act requires urban water suppliers to update their Urban Water Management Plans and submit a complete plan to the California Department of Water Resources every five years.

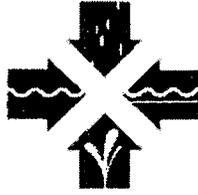
A draft of Central Basin's Plan is currently available for review and comments. A Final Draft will be available for review prior to the scheduled public hearing in October 2005.

Please contact us if you would like to receive a draft Plan. If you would like more information or have any questions, please contact Harvey De La Torre at (310) 660-6233 or via email at harveyd@wcbwater.org.

Thank you,

Art Aguilar
Co-General Manager

Rich Nagel
Co-General Manager



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17140 S. Avalon Blvd., Suite 300
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Phone: (310) 217-2222 - Fax: (310) 516-1327

DATE: November 9, 2006
TO: Distribution
FROM: Art Aguilar, General Manager *AA*
SUBJECT: Amendment to the 2005 Urban Water Management Plan

In December 2005, the Central Basin Municipal Water District (Central Basin) Board of Directors approved the 2005 Urban Water Management Plan (UWMP). The California Department of Water Resources (DWR) has notified Central Basin that the 2005 UWMP is not yet a "complete" plan because of data that was not included.

Therefore, this is a formal notification that Central Basin will be amending the 2005 UWMP. A draft of the amendment is attached for review and comment.

A public hearing is scheduled for Tuesday, November 8, 2006 at 1:00 p.m. during the monthly regular meeting of the Central Basin Board of Directors at the District headquarters (address shown above). If you have any comments please forward them to David Hill by the close of business on November 27, 2006. daveh@centralbasin.org.

Enclosures