

- **Board of Directors**
Water Planning and Stewardship Committee

December 9, 2008 Board Meeting

9-4

Subject

2009 Water Supply Allocation Plan Status

Description

This letter provides an update of conditions and considerations that affect the decision to implement the Water Supply Allocation Plan (WSAP) and allocate limited water supplies to the member agencies. This letter also provides information on member agency use of Metropolitan water supplies in 2008 compared to estimated WSAP allocation baselines for 2008.

Update of Potential Conditions in 2009

Metropolitan staff reported, through Information Item 9-5, at the November 2008 Board Meeting on the conditions and considerations that provide a basis for recommendations to implement the WSAP. The primary points in that letter were that, in any year, the April decision timeframe provided the most certainty about water supply and demand condition, and that a sufficient administrative period between the declaration of an allocation and the allocation period was necessary for member agencies to enact enforcement mechanisms. At the time of the November 2008 Board Meeting, staff reported that there was a 1-in-3 chance that the WSAP would have to be implemented based on conditions existing in April 2009. Based on all of the considerations above, staff did not support the need to advance consideration of a formal allocation declaration earlier than April 2009.

The analysis accounted for the following significant water supply and demand factors, each of which is updated in this letter:

- Department of Water Resources (DWR) analysis on SWP Allocation
 - Reported last month – Based on DWR’s Allocation Study from October 30, 2008, a greater than 50 percent SWP allocation for calendar year 2009 under median conditions (0.95 MAF Table A available to Metropolitan). Data from this analysis was used to support DWR’s initial 2009 State Water Project allocation of 15 percent, which is based on a conservative dry-condition projection for 2009 that will be exceeded 9 times out of 10. This analysis is based on State Water Project yields under the most restrictive Wanger pumping restrictions due to Delta smelt.
 - December 2008 Update – No update of DWR’s Allocation Study has been released as of the date of this report. Impacts from the final Operation Control and Plan Biological Opinion on Delta smelt are not yet available.
- A minimum storage level for Metropolitan’s of 1.34 MAF at the end of calendar year 2009 (this includes Metropolitan’s emergency storage reserves)
 - Reported last month – Metropolitan’s total storage was projected to be 1.73 MAF at the end of 2008, allowing for the use of 0.39 MAF within calendar year 2009 to augment imported supplies to meet demands while still maintaining minimum storage levels for 2010.
 - December 2008 Update – Metropolitan’s total storage is projected to be 1.71 MAF, a decrease of 20 TAF due to increased demands in October/November.

- Five-Year Supply Reliability Program
 - Reported last month – Implementation of 0.453 MAF in equivalent water supply benefits in 2009, of which 0.215 MAF is due to conservation.
 - December 2008 Update – No change in the implementation goals or approach.
- Colorado River Aqueduct Deliveries
 - Reported last month – A range of 0.9 MAF to 1.0 MAF of net deliveries.
 - December 2008 Update – No change in the estimate of net deliveries
- Demands on Metropolitan
 - Reported last month – A range of 1.6 MAF to 2.6 MAF (before the conservation efforts included in the Five-Year Supply Reliability Program).
 - December 2008 Update – No change in the estimate of the range of demands for 2009

Recommendation on Advancing WSAP Implementation

While dry conditions could occur that would necessitate reductions, these conditions would develop gradually over the course of the coming winter months. Based on the relatively unchanged conditions from last month, staff analysis does not support the need to advance consideration of a formal allocation declaration before April 2009. Metropolitan staff will continue to report to the Water Planning and Stewardship Committee on these conditions as they develop and affect the potential need for an allocation in 2009. Other factors such as the upcoming Delta Smelt Biological Opinion or additional pumping restrictions related to species in the Bay-Delta will be monitored for their potential impact on the need to allocate in 2009. Staff will continue to update the Board as these processes move forward.

2008 Water Use Information

A point of reference to potential water use impacts of WSAP allocations in 2009 is the level of Metropolitan demands in 2008, as compared to Base Period demand levels that would have been used as the basis for an allocation in 2008 if one had been declared. The WSAP calls for an estimation of these Base Period demands using member agency water use data from calendar years 2004-2006, adjusted for growth and for gains/losses in local supply. For the purposes of this letter, these adjusted Base Period demands for Metropolitan supplies are referred to as WSAP Baseline Demand.

Metropolitan staff estimates that the approximate regional WSAP Baseline Demand for 2008 is 2,019,000 acre-feet. This total annual figure includes estimates for local supply production from the major local supplies in the region, namely the Los Angeles Aqueduct, Orange County groundwater production, and San Diego County surface water production.

Through October 31, the cumulative amount of water delivered to the member agencies was approximately 1,726,000 acre-feet. Staff estimates that the prorated cumulative annual WSAP Baseline Demand through October 31 would be 1,739,000 acre-feet. Therefore, the actual use of Metropolitan water supplies through October 31 is under the estimated WSAP Baseline Demand by 13,000 acre-feet, or about 0.7 percent.

Attachment 1 contains the water use and WSAP Baseline Demand for the member agencies.

Policy

Water Supply Allocation Plan, adopted February 2008

Fiscal Impact

None



Debra C. Man
Assistant General Manager/Chief
Operating Officer

12/3/2008

Date



Jeffrey Kightlinger
General Manager

12/3/2008

Date

Attachment 1 – 2008 WSAP Baseline Demands and Actual Water Use

BLA #6384

2008 WSAP Baseline Demands and Actual Water Use

Agency	WSAP 2008 Baseline (AF)	WSAP Baseline (AF) Prorated Through 10/31/08	Actual (AF) Through 10/31/08	Amount (AF) Over Baseline	Percent Over Baseline
Anaheim	21,696	18,241	16,709	(1,532)	-8.4%
Beverly Hills	12,407	10,597	10,624	27	0.3%
Burbank	13,668	11,686	13,548	1,862	15.9%
Calleguas	114,114	97,575	107,166	9,591	9.8%
Central Basin	66,787	57,065	46,788	(10,277)	-18.0%
Compton	3,162	2,746	1,675	(1,071)	-39.0%
Eastern	118,286	104,160	94,405	(9,755)	-9.4%
Foothill	11,456	9,811	9,940	129	1.3%
Fullerton	10,533	9,418	8,054	(1,364)	-14.5%
Glendale	23,416	20,102	18,463	(1,639)	-8.2%
Inland Empire	64,133	56,385	51,440	(4,945)	-8.8%
Las Virgenes	23,603	19,713	22,469	2,756	14.0%
Long Beach	39,368	32,764	30,539	(2,225)	-6.8%
Los Angeles	380,302	317,377	360,708	43,331	13.7%
MWDOC	225,880	195,187	206,473	11,286	5.8%
Pasadena	23,640	20,676	21,626	950	4.6%
San Diego	476,302	417,403	411,430	(5,973)	-1.4%
San Fernando	319	43	-	(43)	-100.0%
San Marino	1,681	1,582	1,026	(556)	-35.1%
Santa Ana	17,212	14,255	9,981	(4,274)	-30.0%
Santa Monica	13,601	11,541	10,530	(1,011)	-8.8%
Three Valleys	71,211	62,817	60,939	(1,878)	-3.0%
Torrance	21,233	18,084	15,914	(2,170)	-12.0%
Upper San Gabriel	16,218	14,210	10,169	(4,041)	-28.4%
West Basin	147,314	125,053	113,110	(11,943)	-9.6%
Western	101,216	90,557	72,635	(17,922)	-19.8%
Total	2,018,757	1,739,048	1,726,361	(12,687)	-0.7%