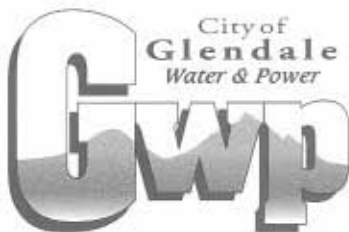


APPENDIX K

2005 Urban Water Management Plan Amendment



Reliable • Competitive • Trusted

July 16, 2007

Mr. David Todd
Water Use Efficiency and Transfer
California Department of Water Resources
PO Box 942836
Sacramento, CA 94236-0001

Re: 2005 UMWP Amendment Letter
City of Glendale Water & Power

Dear Mr. Todd:

In response to the comments received from your Department on the 2005 Urban Water Management Plan (UWMP), the City of Glendale Water & Power (GWP) is pleased to submit this response letter.

1. Regarding "Table 8 Supply Reliability."

Comment: Need to Address

Response: INSERT at the beginning of Chapter III Section D2 of 2005 UWMP

A majority of our water supply is imported from MWD. As stated in MWD's 2005 Urban Water Management Plan, "Through effective management of its water supply, Metropolitan fully expects to be 100 percent reliable in meeting all non-discounted non-interruptible demands throughout the next twenty-five year," and thus Glendale expects to provide 100 percent of water demand.

The reliability of water supply was determined through historical data. The following Table was used:

Table 8 Supply Reliability - AF Year					
Average / Normal Water Year	Single Dry Water Year	Multiple Dry Water Years			
		1976	1977	1978	1979
32,920	25,782	24,054	22,368	24,298	25,547
% of Normal	78.3%	73.1%	67.9%	73.8%	77.6%



Table 9 Basis of Water Year Data	
Water Year Type	Base Year(s)
Average Water Year	1986-2006
Single-Dry Water Year	1992
Multiple-Dry Water Years	1976-1979

2. Regarding “Table 13 Sales to Other Agencies – AF Year”

Comment: Need to Address

Response: INSERT at the end of paragraph of Chapter II first paragraph of 2005 UWMP Volume I

Glendale *Water & Power* is a retail agency and thus does not sell water to any other agencies. All projections to follow are based on water usage for customers in the City of Glendale.

3. Regarding “Table 16 and Table 17.”

Comment: Need to address. Are any of the projects on pages 28 to 32 going to increase the amount of water supply to the city???

Response: INSERT at the beginning of Chapter III Section C of 2005 UWMP

The City of Glendale is implementing all BMPs according to the schedule time table as set by the Urban Water Management Plan. There are no planned future water supply projects or programs. The following projects are all system improvement projects and thus will not increase water supply.

4. Regarding “Table 20 Wholesaler identified & quantified the existing and planned sources of water – AFY & Table 21 Wholesale Supply Reliability - % of normal AFY.”

Comment: I did not see where this is being addressed

Response: INSERT at Chapter II Section F after paragraph 3 of 2005 UWMP
Volume I

As stated in MWD's 2005 Urban Water Management Plan, "Through effective management of its water supply, Metropolitan fully expects to be 100 percent reliable in meeting all non-discounted non-interruptible demands throughout the next twenty-five year," MWD is expected to provide 100 percent of demand.

5. Regarding "Water Shortage Contingency Plan Section Stages of Action."

Comment: Need to address

Response: REPLACE at Chapter III Section D2 last paragraph with the following:

As one can see, there are significant planning efforts to minimize the impacts of a drought condition. If these MWD resources fail to provide needed supplies, the City will be requested to implement our Mandatory Conservation Plan actions to be taken under each of the seven shortage phases.

Shortage Phase I: Voluntary Conservation including voluntary rationing, incentive to reduce consumption, and plumbing fixture replacements. On a voluntary basis, no customer shall make, cause, use or permit the use of water from the department for any purpose in an amount in excess of ninety percent of the amount used during the base period.

Shortage Phase II: Mandatory Conservation including mandatory rationing and actions described in Shortage Phase I.

Shortage Phase III: Glendale will continue Shortage Phase II actions and permit customers to use no more than eighty-five percent of the amount used during the base period, except that process water may be used to the extent of ninety percent of the amount used during the base period. The city may also implement restrictions on building permits.

Shortage Phase IV: Glendale will continue Shortage Phase III actions and permit customers to use no more than eighty percent of the amount used during the baser period, except that process water may be used to the extent of ninety percent of the amount used during the base period.

The use of potable water to clean, fill or maintain levels in decorative fountains or similar structures, which are exterior of a site, is prohibited. Exception: the water used is recycled water, which must be clearly posted.

The use of potable water to fill decorative lakes or ponds is prohibited. Exception: the water used is recycled water, which must be clearly posted.

Hotels and motels are required to post notices of water shortage conditions urging guests to conserve water.

Shortage Phase V: Glendale will continue Shortage Phase IV actions and permit customers to use no more than seventy-five percent of the amount used during the base period, except that process water may be used to the extent of eight-five percent of the amount used during the base period.

Shortage Phase VI: Glendale will continue Shortage Phase V actions and permit customers to use no more than sixty-five percent of the amount used during the base period, except that process water may be used to the extent of seventy-five percent of the amount used during the base period.

The filling, refilling or adding of water to outdoor swimming pools, wading pools or spas, without covers, is prohibited.

There shall be a deferral of all new and retrofit landscape and turf planting, which requires potable water service for irrigation by all private and public water customers of the department.

There shall be a deferral of all new and retrofit landscape and turf planting, which requires potable water service for irrigation, in city parks or on the grounds of city buildings.

Shortage Phase VII: Glendale will continue Shortage Phase VI actions and permit customers to use no more than fifty percent of the amount used during the base period, except that process water may be used to the extent of sixty-five percent of the base period.

The filling, refilling or adding of water to outdoor swimming pools, wading pools or spas is prohibited.

The use of potable water to clean, fill or maintain levels in decorative fountains or similar structures, which are interior and exterior of a site, is prohibited.

For a complete copy of the City of Glendale's Water Shortage Contingency Ordinance please see UWMP 2005 Volume II Appendix B.

6. Regarding "Table 27 Consumption Reduction Methods."

Comment: Need stages and % reduction for each reduction method.

Response: Replace Table III-5 on page 39 with the following:

Table III-5 Consumption Reduction Methods		
Consumption Reduction Methods	Stage When Method Takes Effect	Projected Reduction (%)
Voluntary rationing	1	10
Incentive to reduce consumption	1	10
Plumbing fixture replacement	1	10
Mandatory rationing	2-7	10-50
Restrict Building Permits	3-7	15-50
Use prohibitions	4-7	20-50
Water shortage pricing	7	50

7. Regarding "Water Shortage Contingency Ordinance/Resolution."

Comment: Is Appendix B WSCP?

Response: A copy of the ordinance can be found in the 2005 UWMP, Volume II, Appendix B, City of Glendale's Mandatory Conservation Plan.

8. Regarding "Table 31 Water Use Monitoring Mechanism."

Comment: I did not see this

Response: INSERT at the end of Chapter III Section D2 of 2005 UWMP Volume I

To determine when each stage should be implemented, water usage is monitored by conducting readings of actual water usage in monthly meter reads. Should the usage exceed the allowable allotment, action will be taken to reduce water usage.

9. Regarding “Table 43 through Table 57”

Comment: Need to address

Response: REPLACE Table III-3 on page 33 of 2005 UWMP Volume I with Table III-3.1 below.

TABLE III-3.1
 GLENDALE'S WATER DEMANDS & SOURCES OF SUPPLY TO MEET DEMANDS DURING NORMAL & DRY
 YEARS
 (ACRE-FEET)

SOURCE	Normal Year						Dry Year					
	2005*	2010	2015	2020	2025	2030	2005*	2010	2015	2020	2025	2030
San Fernando Wells	6,466	7,800	7,800	7,800	7,800	7,800	6,854	7,800	7,800	7,800	7,800	7,800
Verdugo Wells	2,208	3,856	3,856	3,856	3,856	3,856	2,208	3,856	3,856	3,856	3,856	3,856
Metropolitan Water District	22,666	20,158	21,405	23,115	24,894	26,824	24,026	21,367	22,689	24,502	26,388	28,433
Recycled Water	1,298	2,010	2,030	2,050	2,050	2,050	1,375	2,010	2,030	2,050	2,050	2,050
Total Projected Demand	32,638	33,824	35,091	36,821	38,600	40,530	34,463	35,033	36,375	38,208	40,094	42,139

INSERT the following Tables III-3.2 through III-3.19 at the end of Chapter III Section D1 page 34 of 2005 UWMP Volume I.

The following tables show a comparison of projected water supply versus projected water demand for normal, single dry and multiply dry year.

Table III-3.2					
Projected Normal Water Supply - AF Year					
(from table 4)	2010	2015	2020	2025	2030 - opt
Supply	33,824	35,091	36,821	38,600	40,530
% of year 2005	103.6%	107.5%	112.8%	118.3%	124.2%

Table III-3.3					
Projected Normal Water Demand - AF Year					
(from table 15)	2010	2015	2020	2025	2030 - opt
Demand	33,824	35,091	36,821	38,600	40,530
% of year 2005	103.6%	107.5%	112.8%	118.3%	124.2%

Table III-3.4					
Projected Supply and Demand Comparison - AF Year					
	2010	2015	2020	2025	2030 - opt
Supply totals	33,824	35,091	36,821	38,600	40,530
Demand totals	33,824	35,091	36,821	38,600	40,530
Difference	0	0	0	0	0
Difference as % of Supply	0.0%	0.0%	0.0%	0.0%	0.0%
Difference as % of Demand	0.0%	0.0%	0.0%	0.0%	0.0%

Table III-3.5					
Projected single dry year Water Supply - AF Year					
	2010	2015	2020	2025	2030 - opt
Supply	35,033	36,375	38,208	40,094	42,139
% of projected normal	103.6%	103.7%	103.8%	103.9%	104.0%

Table III-3.6					
Projected single dry year Water Demand - AF Year					
	2010	2015	2020	2025	2030 - opt
Demand	35,033	36,375	38,208	40,094	42,139
% of projected normal	103.6%	103.7%	103.8%	103.9%	104.0%

Table III-3.7					
Projected single dry year Supply and Demand Comparison - AF Year					
	2010	2015	2020	2025	2030 - opt
Supply totals	35,033	36,375	38,208	40,094	42,139
Demand totals	35,033	36,375	38,208	40,094	42,139
Difference	0	0	0	0	0
Difference as % of Supply	0.0%	0.0%	0.0%	0.0%	0.0%
Difference as % of Demand	0.0%	0.0%	0.0%	0.0%	0.0%

Table III-3.8					
Projected supply during multiple dry year period ending in 2010 - AF Year					
	2006	2007	2008	2009	2010
Supply	33,653	33,993	34,336	34,683	35,033
% of projected normal	103.1%	104.2%	105.2%	106.3%	103.6%

Table III-3.9					
Projected demand multiple dry year period ending in 2010 - AFY					
	2006	2007	2008	2009	2010
Demand	33,653	33,993	34,336	34,683	35,033
% of projected normal	103.1%	104.2%	105.2%	106.3%	103.6%

Table III-3.10					
Projected Supply and Demand Comparison during multiple dry year period ending in 2010- AF Year					
	2006	2007	2008	2009	2010
Supply totals	33,653	33,993	34,336	34,683	35,033
Demand totals	33,653	33,993	34,336	34,683	35,033
Difference	0	0	0	0	0
Difference as % of Supply	0.0%	0.0%	0.0%	0.0%	0.0%
Difference as % of Demand	0.0%	0.0%	0.0%	0.0%	0.0%

Table III-3.11					
Projected supply during multiple dry year period ending in 2015 - AF Year					
	2011	2012	2013	2014	2015
Supply	34,942	35,295	35,651	36,012	36,375
% of projected normal	103.3%	104.3%	105.4%	106.5%	103.7%

Table III-3.12					
Projected demand multiple dry year period ending in 2015 - AFY					
	2011	2012	2013	2014	2015
Demand	34,942	35,295	35,651	36,012	36,375
% of projected normal	103.3%	104.3%	105.4%	106.5%	103.7%

Table III-3.13					
Projected Supply and Demand Comparison during multiple dry year period ending in 2015- AF Year					
	2011	2012	2013	2014	2015
Supply totals	34,942	35,295	35,651	36,012	36,375
Demand totals	34,942	35,295	35,651	36,012	36,375
Difference	0	0	0	0	0
Difference as % of Supply	0.0%	0.0%	0.0%	0.0%	0.0%
Difference as % of Demand	0.0%	0.0%	0.0%	0.0%	0.0%

Table III-3.14					
Projected supply during multiple dry year period ending in 2020 - AF Year					
	2016	2017	2018	2019	2020
Supply	36,702	37,073	37,448	37,826	38,208
% of projected normal	104.6%	105.6%	106.7%	107.8%	103.8%

Table III-3.15					
Projected demand multiple dry year period ending in 2020 - AFY					
	2016	2017	2018	2019	2020
Demand	36,702	37,073	37,448	37,826	38,208
% of projected normal	104.6%	105.6%	106.7%	107.8%	103.8%

Table III-3.16					
Projected Supply and Demand Comparison during multiple dry year period ending in 2020- AF Year					
	2016	2017	2018	2019	2020
Supply totals	36,702	37,073	37,448	37,826	38,208
Demand totals	36,702	37,073	37,448	37,826	38,208
Difference	0	0	0	0	0
Difference as % of Supply	0.0%	0.0%	0.0%	0.0%	0.0%
Difference as % of Demand	0.0%	0.0%	0.0%	0.0%	0.0%

Table III-3.17					
Projected supply during multiple dry year period ending in 2025 - AF Year					
	2021	2022	2023	2024	2025
Supply	38,514	38,903	39,296	39,693	40,094
% of projected normal	104.6%	105.7%	106.7%	107.8%	103.9%

Table III-3.18					
Projected demand multiple dry year period ending in 2025 - AFY					
	2021	2022	2023	2024	2025
Demand	38,514	38,903	39,296	39,693	40,094
% of projected normal	104.6%	105.7%	106.7%	107.8%	103.9%

Table III-3.19					
Projected Supply and Demand Comparison during multiple dry year period ending in 2025- AF Year					
	2021	2022	2023	2024	2025
Supply totals	38,514	38,903	39,296	39,693	40,094
Demand totals	38,514	38,903	39,296	39,693	40,094
Difference	0	0	0	0	0
Difference as % of Supply	0.0%	0.0%	0.0%	0.0%	0.0%
Difference as % of Demand	0.0%	0.0%	0.0%	0.0%	0.0%

10. Regarding “Does the Plan Include Public Participation and Plan Adoption.”

Comment: Need copy of adopted Resolution

Response: Please see Attachment 2, copy of adoption resolution. Document will be inserted into Volume II as Appendix G.

11. Regarding “Review of Implementation of 2000 UWMP.”

Comment: Need to address

Response: Glendale has conducted a review of the implementation plan and schedule provided in the 2000 UWMP. All BMPs have been implemented in accordance with the schedule set forth in the plan.

ADDITIONAL CHANGES TO 2005 UWMP

12. Table III-2 - Local Water Projects and Use (AFY) on page 27 of 2005 UWMP Volume I

Change: Edit the table to read as follows:

<u>Potential Source</u>	<u>Right</u>	<u>Current Use</u>	<u>Future Use</u>
San Fernando Basin	5,000 - 5,400	7,800 AFY	7,800
Verdugo Basin	3,856	2,300 AFY	3,856
Recycled Water	10,000	1,300 AFY	2,050

Note : San Fernando Basin data includes Glendale Physical Solution Water Right and Use

13. Table II-3 – Historic and Projected Sources of Water Supply (AF) on page 12 of 2005 UWMP Volume I.

Change: Edit the table to read as follows:

TABLE II-3					
HISTORIC AND PROJECTED SOURCES OF WATER SUPPLY (AF)					
Water Year	San Fernando Basin	Verdugo Basin	Recycled Water	MWD* Water	Total Supply
1998-99	409	2,720	1,458	26,605	31,192
1999-00	516	2,451	1,742	28,851	33,560
2000-01	673	2,105	1,664	29,033	33,475
2001-02	4,013	2,120	1,500	26,264	33,897
2002-03	8,495	1,551	1,376	21,896	33,318
2003-04	7,872	2,174	1,517	23,774	35,337
2004-05	6,466	2,208	1,298	22,666	32,638
2010	7,800	3,856	2,010	20,158	33,824
2015	7,800	3,856	2,030	21,405	35,091
2020	7,800	3,856	2,050	23,115	36,821
2025	7,800	3,856	2,050	24,894	38,600
2030	7,800	3,856	2,050	26,824	40,530

Note : MWD-MAIN calibrated for Glendale were used in projections

14. Table II-4 – Projected Water Use by Category (AF) on page 13 of 2005 UWMP Volume I

Change: Edit the table to read as follows:

TABLE II-4							
PROJECTED WATER USE BY CATEGORY (AF)							
	<u>2000</u>	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>
Single Family Residential	12,937	13,320	13,527	13,734	13,942	14,150	14,362
Multi-Family Residential	12,024	10,958	11,498	12,038	12,578	13,120	13,317
Commercial/Institutional	5,314	4,444	4,866	5,288	5,710	6,132	6,224
Industrial	696	483	535	587	639	690	700
Irrigation	501	493	494	496	498	500	508
TOTAL	33,472	31,703	32,930	34,158	35,387	36,617	37,141

15. Revise List of Table of 2005 UWMP Volume I

Change: Revise Number III-3 to read as follows:

III-3.1 GLENDALE WATE DEMANDS AND SOURCES OF SUPPLY TO
MEET DEMAND DURING NORMAL AND DRY YEAR.

INSERT the following after the above:

III-3.2 to COMPARISON TABLE OF PROJECT SUPPLY & DEMAND FOR
III-3.19 NORMAL, SINGLE DRY, AND MULTIPLE DRY YEAR

Should you have any questions, please do not hesitate to contact Rosanna Lau at (818) 548-3966 or rlau@ci.glendale.ca.us. Thank you.

Sincerely,

Peter Kavounas
Water Services Administrator

Enclosures:

Attachment 1: DWR Review for Completeness Form
Attachment 2: Public Participation and Plan Adoption Resolution

Cc: Sergio Fierro, CA DWR
Patrick Hayes, GWP
Raja Takidin, GWP
Rosanna Lau, GWP
Ray Notario, GWP
Craig Kuennen, GWP
Joy Gaines, GWP

**2005 Urban Water Management Plan "Review for Completeness" Form
City of Glendale**

Coordination with Appropriate Agencies (Water Code § 10620 (d)(1)(2))

- Yes Participated in area, regional, watershed or basin wide plan _____ Reference & Page Number
 Name of plan _____ Lead Agency _____
 Describe the coordination of the plan preparation and anticipated benefits. pg 5 Reference & Page Number

Table 1 Coordination with Appropriate Agencies							
Check at least one box on each row	Participated in developing the plan	Commented on the draft	Attended public meetings	Was contacted for assistance	Was sent a copy of the draft plan	Was sent a notice of intention to adopt	Not Involved / No Information
MWD						X	
City of Burbank						X	
City of Pasadena						X	
Other City Departments	X	X		X	X	X	
Other							

Describe resource maximization / import minimization plan (Water Code §10620 (f))

- Describe how water management tools / options maximize resources & minimize need to import water pg 11 Reference & Page Number

Plan Updated in Years Ending in Five and Zero (Water Code § 10621(a))

- Date updated and adopted plan received 8-Nov-05 (enter date) pg 5 Reference & Page Number

City and County Notification and Participation (Water Code § 10621(b))

- Notify any city or county within service area of UWMP of plan review & revision pg 5 Reference & Page Number
 Consult and obtain comments from cities and counties within service area pg 5 Reference & Page Number

Service Area Information (Water Code § 10631 (a))

- Include current and projected population pg 7 Reference & Page Number
 Population projections were based on data from state, regional or local agency pg 6 Reference & Page Number

Table 2 Population - Current and Projected						
	2005	2010	2015	2020	2025	2030 - opt
Service Area Population	204,435	207,200	211,220	215,200	219,000	

- Describe climate characteristics that affect water management pg 8 Reference & Page Number
 Describe other demographic factors affecting water management pg 6 Reference & Page Number

Table 3 Climate						
	January	February	March	April	May	June
Standard Average ETo						
Average Rainfall						
Average Temperature						

Table 3 (continued) Climate							
	July	August	September	October	November	December	Annual
Average ETo							0
Average Rainfall							0
Average Temperature							0

Water Sources (Water Code § 10631 (b))

- Identify existing and planned water supply sources pg 12 Reference & Page Number
 Provide current water supply quantities pg 12 Reference & Page Number
 Provide planned water supply quantities pg 12 Reference & Page Number

Table 4 Current and Planned Water Supplies - AFY						
Water Supply Sources	2005	2010	2015	2020	2025	2030 - opt
Water purchased from:						
U.S. Bureau of Reclamation						
Department of Water Resources						
Arcade Water District						

Calleguas Municipal Water District					
Castaic Lake Water Agency					
Central Basin Municipal Water District					
Chino Basin Municipal Water District					
Coastal Municipal Water District					
Contra Costa Water District					
Eastern Municipal Water District					
Foothill Municipal Water District					
Humboldt Bay Municipal Water District					
Inland Empire Utilities Agency					
Joint Regional Water Supply System					
Kern County Water Agency					
Metropolitan Water District of Southern Cal	22,666	21,889	23,136	24,846	26,625
Municipal Water District of Orange County					
North of The River Municipal Water District					
Placer County Water Agency					
Sacramento County Water Management Dist					
San Diego County Water Authority					
San Francisco City of					
San Juan Water District					
San Luis Obispo County					
Santa Clara Valley Water District					
Solano County Water Agency					
Sonoma County Water Agency					
Stockton East Water District					
Tehachapi-Cummings County Water District					
Three Valleys Municipal Utility District					
Upper San Gabriel Valley Municipal Water					
Water Facilities Authority					
West Basin Municipal Water District					
Western Municipal Water Dist of Riverside					
Zone 7					
Other Wholesaler 1 (enter agency name)					
Other Wholesaler 2 (enter agency name)					
Other Wholesaler 3 (enter agency name)					
Supplier produced groundwater	8,674	9,925	9,925	9,925	9,925
Supplier surface diversions					
Transfers in or out					
Exchanges In or out					
Recycled Water (projected use)	1,298	2,010	2,030	2,050	2,050
Desalination					
Other					
Other					
Total	32,638	33,824	35,091	36,821	38,600
					0

If Groundwater identified as existing or planned source

- Has management plan
- Attached management plan (b)(1)
- Description of basin(s) (b)(2)
- Basin is adjudicated
- If adjudicated, attached order or decree (b)(2)
- Quantified amount of legal pumping right (b)(2)

(Water Code §10631 (b)(1-4))

- N/A Reference & Page Number
- N/A Reference & Page Number
- Appx D Reference & Page Number
- Pg 20 Reference & Page Number
- Appx D Reference & Page Number
- pg 20 - 21 Reference & Page Number

Basin Name	Pumping Right - AFY
Verdugo	3,856
San Fernando	3,000 - 5,400
Total	3,856

- DWR identified, or projected to be, in overdraft (b)(2)
- Plan to eliminate overdraft (b)(2)
- Analysis of location, amount & sufficiency, last five years (b)(3)
- Analysis of location & amount projected, 20 years (b)(4)

- N/A Reference & Page Number
- N/A Reference & Page Number
- pg 12 Reference & Page Number
- pg 12 Reference & Page Number

**Table 6
Amount of Groundwater pumped - AFY**

Basin Name (s)	2000	2001	2002	2003	2004
Verdugo	2,105	2,120	1,551	2,174	2,208
San Fernando	673	4,013	8,495	7,872	6,466
% of Total Water Supply	8.21%	17.48%	27.28%	26.03%	22.47%

Table 7 Amount of Groundwater projected to be pumped - AFY					
Basin Name(s)	2010	2015	2020	2025	2030 - opt
Verdugo	2,300	2,300	2,300	2,300	0
San Fernando	7,625	7,625	7,625	7,625	
% of Total Water Supply	29.34%	28.28%	26.95%	25.71%	#DIV/0!

Reliability of Supply (Water Code §10631 (c) (1-3))

Describes the reliability of the water supply and vulnerability to seasonal or climatic shortage _____ Reference & Page Number

Table 8 Supply Reliability - AF Year					
Average / Normal Water Year	Single Dry Water Year	Multiple Dry Water Years			
		Year 1	Year 2	Year 3	Year 4
% of Normal	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Need to address.

Table 9 Basis of Water Year Data	
Water Year Type	Base Year(s)
Average Water Year	
Single-Dry Water Year	
Multiple-Dry Water Years	

_____ Reference & Page Number
 _____ Reference & Page Number
 _____ Reference & Page Number

Water Sources Not Available on a Consistent Basis (Water Code §10631 (c))

Describe the reliability of the water supply due to seasonal or climatic shortages pg 37 - 38 Reference & Page Number
 Describe the vulnerability of the water supply to seasonal or climatic shortages pg 37 - 38 Reference & Page Number
 No unreliable sources _____ Reference & Page Number

Table 10 Factors resulting in inconsistency of supply				
Name of supply	Legal	Environ-mental	Water Quality	Climatic
Verdugo Basin				X

Describe plans to supplement or replace inconsistent sources with alternative sources or DMMs pg 38 Reference & Page Number
 No inconsistent sources _____ Reference & Page Number

Transfer or Exchange Opportunities (Water Code §10631 (d))

Describe short term and long term exchange or transfer opportunities pg 37 Reference & Page Number
 No transfer opportunities _____ Reference & Page Number

Table 11 Transfer and Exchange Opportunities - AF Year					
Transfer Agency	Transfer or Exchange	Short term	Proposed Quantities	Long term	Proposed Quantities
City of Burbank	T	X	Emergency		
CVWD	T	X	Emergency		
City of Los Angeles	T	X	Emergency		
Total			0		0

Water Use Provisions (Water Code §10631 (e)(1)(2))

Quantify past water use by sector pg 13 Reference & Page Number
 Quantify current water use by sector pg 13 Reference & Page Number
 Project future water use by sector pg 13 Reference & Page Number

TABLE 12 - Past, Current and Projected Water Deliveries												
Water Use Sectors	2000				2005				2010			
	metered		unmetered		metered		unmetered		metered		unmetered	
	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY
Single family	22,222	12,937			21,239	13,320			21,494	13,527		
Multi-family	6,334	12,024			6,136	10,958			6,224	11,498		
Commercial	3,245	5,314			3,165	4,444			3,154	4,866		
Industrial	353	696			179	483			222	535		
Institutional/gov												
Landscape	286	501			138	493			175	494		
Agriculture												
other												
Total	32,440	31,472	0	0	30,857	29,698	0	0	31,269	30,920	0	0

TABLE12 (continued) - Past, Current and Projected Water Deliveries													
Water Use Sectors	2015				2020				2025				# of acc
	metered		unmetered		metered		unmetered		metered		unmetered		
	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY	# of accounts	Deliveries AFY	# of acc
Single family	21,750	13,734			22,004	13,942			22,260	14,150			
Multi-family	6,312	12,038			6,400	12,578			6,487	13,120			
Commercial	3,144	5,288			3,135	5,710			3,122	6,132			
Industrial	265	587			308	639			350	690			
Institutional/gov													
Landscape	212	496			249	498			285	500			
Agriculture													
other													
Total	31,683	32,143	0	0	32,096	33,367	0	0	32,504	34,592	0	0	

- Identify and quantify sales to other agencies _____ Reference & Page Number
- No sales to other agencies _____ Reference & Page Number

Table 13 Sales to Other Agencies - AF Year							
Water Distributed	2000	2005	2010	2015	2020	2025	2030 - opt
name of agency		0	0	0	0	0	0
name of agency							
name of agency							
Total	0	0	0	0	0	0	0

Need to Address.

- Identify and quantify additional water uses _____ pg 12 - 13 Reference & Page Number
- Any recycled water was included in table 12 should not be included in table 14.

Table 14 Additional Water Uses and Losses - AF Year							
Water Use	2000	2005	2010	2015	2020	2025	2030 - opt
Saline barriers							
Groundwater recharge							
Conjunctive use							
raw water							
recycled							
other (define)							
Unaccounted-for system losses	2,611	2,937	2,904	2,948	3,454	4,008	
Total	2,611	2,937	2,904	2,948	3,454	4,008	0

Table 15 Total Water Use - AF Year							
Water Use	2000	2005	2010	2015	2020	2025	2030 - opt
Total of Tables 12, 13, 14	34,083	32,635	33,824	35,091	36,821	38,600	0

2005 Urban Water Management Plan "Review of DMMs for Completeness" Form (Water Code §10631 (f))
 (Water Code §10631 (f) & (g), the 2005 Urban Water Management Plan "Review of DMMs for Completeness" Form is found on Sheet 2

- Planned Water Supply Projects and Programs, including non-implemented DMMs** (Water Code §106D359) Need to address.
- No future water supply projects or programs and no non-implemented / not scheduled DMMs _____ Reference & Page Number
- Cost-Benefit includes economic and non-economic factors (environmental, social, health, customer impact, and technological factors) _____ Reference & Page Number
- Cost-Benefit analysis includes total benefits and total costs _____ Reference & Page Number
- Identifies funding available for Projects with higher per-unit-cost than DMMs _____ Reference & Page Number
- Identifies Suppliers' legal authority to implement DMMs, efforts to implement the measures and efforts to identify cost share partners _____ Reference & Page Number

Reliability of wholesale supply provided in writing by wholesale agency _____ Reference & Page Number
 (if agency served by more than one wholesaler, duplicate this table and provide the source availability for each wholesaler)

Table 21
Wholesale Supply Reliability - % of normal AFY

Wholesaler sources	Multiple Dry Water Years				
	Single Dry	Year 1	Year 2	Year 3	Year 4
(source 1)					
(source 2)					
(source 3)					

I did not see where this is being addressed.

Table 22
Factors resulting in inconsistency of wholesaler's supply

Name of supply	Legal	Environment	Water Quality	Climatic
(source 1)				
(source 2)				

Water Shortage Contingency Plan Section (Water Code § 10632)
Stages of Action (Water Code § 10632 (a))

- Provide stages of action _____ Reference & Page Number
- Provide the water supply conditions for each stage _____ Reference & Page Number
- Includes plan for 50 percent supply shortage _____ Reference & Page Number

Table 23
Water Supply Shortage Stages and Conditions
RATIONING STAGES

Stage No.	Water Supply Conditions	% Shortage

Need to Address.

Three-Year Minimum Water Supply (Water Code §10632 (b))

- Identifies driest 3-year period pg 38 Reference & Page Number
- Minimum water supply available by source for the next three years pg 38 Reference & Page Number

Table 24
Three-Year Estimated Minimum Water Supply - AF Year

source**	Normal	2006	2007	2008
San Fernando	6,466	8,056	8,056	8,056
Verdugo	2,208	2,438	2,438	2,438
MWD	22,666	22,790	22,790	22,790
Total	31,340	33,284	33,284	33,284

*Note: If reporting after 2005, please change the column headers (Year 1, 2, & 3) to the appropriate years

Preparation for catastrophic water supply interruption (Water Code §10632 (c))

- Provided catastrophic supply interruption plan Appx C Reference & Page Number

Table 25
Preparation Actions for a Catastrophe

Possible Catastrophe	Check if Discussed
Regional power outage	X
Earthquake	X
Other (name action)	
Other (name action)	

Prohibitions (Water Code § 10632 (d))

- List the mandatory prohibitions against specific water use practices during water shortages Appx B Reference & Page Number

Table 26
Mandatory Prohibitions

Examples of Prohibitions	Stage When Prohibition Becomes Mandatory
Using potable water for street washing	Phase I

No runoff onto hardscape, driveways, streets, or gutters	Phase I
No clean, fill or maintain levels in decorative fountains	Phase I
Fix leaks within 72 hours after notification is given	Phase I
No watering lawns between 10 a.m. and 5 p.m.	Phase I
Water will only be serve at restaurants when requested	Phase I
Cover swimming pools, wading pools or spas	Phase I

Consumption Reduction Methods (Water Code § 10632 (e))

List the consumption reduction methods the water supplier will use to reduce water use in the most restrictive stages with up to a 50% reduction. pg 39 Reference & Page Number

Table 27 Consumption Reduction Methods		
Consumption Reduction Methods	Stage When Method Takes Effect	Projected Reduction (%)
Restrict Building Permits		
Use prohibitions		
Water shortage pricing		
Plumbing fixture replacement		
Voluntary and mandatory rationing		
Incentive to reduce consumption		

Need stages and % reduction fro each reduction method.

Penalties (Water Code § 10632 (f))

List excessive use penalties or charges for excessive use pg 62 - 63 Reference & Page Number

Table 28 Penalties and Charges	
Penalties or Charges	Stage When Penalty Takes Effect
2 times basic rate	1st Violation
4 times basic rate	2nd Violation
4 times basic rate	3rd Violation
Install flow restricting device	4th Violation
Terminate water service	5th Violation

Revenue and Expenditure Impacts (Water Code § 10632 (g))

Describe how actions and conditions impact revenues pg 60 Reference & Page Number
 Describe how actions and conditions impact expenditures pg 60 - 61 Reference & Page Number
 Describe measures to overcome the revenue and expenditure impacts pg 61 Reference & Page Number

Table 29 Proposed measures to overcome revenue impacts	
Names of measures	Check if Discussed
Rate adjustment	X
Development of reserves	X
name of measure	
name of measure	

Table 30 Proposed measures to overcome expenditure impacts	
Names of measures	Check if Discussed
Reduce overhead	X
Decrease Capital Expenditure	X
Reserve Funds	X
name of measure	

Water Shortage Contingency Ordinance/Resolution (Water Code § 10632 (h))

Attach a copy of the draft water shortage contingency resolution or ordinance. Reference & Page Number

Is Appx B WSCP?

Reduction Measuring Mechanism (Water Code § 10632 (i))
 Provided mechanisms for determining actual reductions _____ Reference & Page Number

Table 31 Water Use Monitoring Mechanisms	
Mechanisms for determining actual reductions	Type data expected (pop-up?)
Name mechanism	
Name mechanism	
Name mechanism	

I did not see this.

Recycling Plan Agency Coordination Water Code § 10633
 Describe the coordination of the recycling plan preparation information to the extent available. pg 48 - 49 Reference & Page Number

Table 32 Participating agencies	
	participated
Water agencies	City of Glendale
Wastewater agencies	LASD
Groundwater agencies	
Planning Agencies	

Wastewater System Description (Water Code § 10633 (a))
 Describe the wastewater collection and treatment systems in the supplier's service area pg 49 Reference & Page Number
 Quantify the volume of wastewater collected and treated pg 51 Reference & Page Number

Table 33 Wastewater Collection and Treatment - AF Year							
Type of Wastewater	2000	2005	2010	2015	2020	2025	2030 - opt
Wastewater collected & treated in service area	16,041	17,444	18,315	19,230	20,190	21,200	
Volume that meets recycled water standard	4,146	4,447	4,668	4,900	5,147	5,405	

Wastewater Disposal and Recycled Water Uses (Water Code § 10633 (a - d))
 Describes methods of wastewater disposal pg 50 - 51 Reference & Page Number
 Describe the current type, place and use of recycled water pg 55 Reference & Page Number
 None
 Describe and quantify potential uses of recycled water pg 55 Reference & Page Number

Table 34 Disposal of wastewater (non-recycled) AF Year							
Method of disposal	Treatment Level	2005	2010	2015	2020	2025	2030 - opt
HTP	Secondary	12,997	13,647	14,330	15,043	15,795	
Name of method							
Name of method							
Name of method							
Total		12,997	13,647	14,330	15,043	15,795	0

Table 35 Recycled Water Uses - Actual and Potential (AFY)							
User type	Treatment Level	2005	2010	2015	2020	2025	2030 - opt
Agriculture							
Landscape	Tertiary Title 22	965	1,560	1,580	1,600	1,600	
Wildlife Habitat							
Wetlands							
Industrial	Tertiary Title 22	333	450	450	450	450	
Groundwater Recharge							
Other (user type)							
Other (user type)							
Total		1,298	2,010	2,030	2,050	2,050	0

Determination of technical and economic feasibility of serving the potential uses pg 51 - 55 Reference & Page Number

Projected Uses of Recycled Water

(Water Code § 10633 (e))

Projected use of recycled water, 20 years pg 55 Reference & Page Number

	2010	2015	2020	2025	2030 - opt
Projected use of Recycled Water	2,010	2,030	2,050	2,050	

Compare UWMP 2000 projections with UWMP 2005 actual (\$ 10633 (e)) pg 55 Reference & Page Number
 None

User type	2000 Projection for 2005	2005 actual use
Agriculture		
Landscape	1,540	965
Wildlife Habitat		
Wetlands		
Industrial	450	333
Groundwater Recharge		
Other (user type)		
Other (user type)		
Total	1,990	1,298

Plan to Optimize Use of Recycled Water

(Water Code § 10633 (f))

Describe actions that might be taken to encourage recycled water uses pg 58 - 59 Reference & Page Number
 Describe projected results of these actions in terms of acre-feet of recycled water used per year pg 59 Reference & Page Number

Actions	AF of use projected to result from this action				
	2010	2015	2020	2025	2030 - opt
Financial incentives	2,010	2,030	2,050	2,050	
name of action					
name of action					
name of action					
name of action					
name of action					
name of action					
Total	2,010	2,030	2,050	2,050	0

Provide a recycled water use optimization plan which includes actions to facilitate the use of recycled water (dual distribution systems, promote recirculating uses) pg 50 - 59 Reference & Page Number

Water quality impacts on availability of supply

(Water Code §10634)

Discuss water quality impacts (by source) upon water management strategies and supply reliability pg 41 - 45 Reference & Page Number
 No water quality impacts projected pg 46 - 48 Reference & Page Number

water source	2005	2010	2015	2020	2025	2030 - opt

Supply and Demand Comparison to 20 Years

(Water Code § 10635 (a))

Compare the projected normal water supply to projected normal water use over the next 20 years, in 5-year increments. pg 12 - 13 Reference & Page Number

(from table 4)	2010	2015	2020	2025	2030 - opt
Supply	33,824	35,091	36,821	38,600	0
% of year 2005	103.6%	107.5%	112.8%	118.3%	0.0%

(from table 15)	2010	2015	2020	2025	2030 - opt
Demand	33,824	35,091	36,821	38,600	0
% of year 2005	103.6%	107.5%	112.8%	118.3%	0.0%

Table 42 Projected Supply and Demand Comparison - AF Year					
	2010	2015	2020	2025	2030 - opt
Supply totals	33,824	35,091	36,821	38,600	0
Demand totals	33,824	35,091	36,821	38,600	0
Difference	0	0	0	0	0
Difference as % of Supply	0.0%	0.0%	0.0%	0.0%	
Difference as % of Demand	0.0%	0.0%	0.0%	0.0%	

Supply and Demand Comparison: Single-dry Year Scenario (Water Code § 10635 (a))

Compare the projected single-dry year water supply to projected single-dry year water use over the next 20 _____ Reference & Page Number years, in 5-year increments.

Table 43 Projected single dry year Water Supply - AF Year					
	2010	2015	2020	2025	2030 - opt
Supply					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 44 Projected single dry year Water Demand - AF Year					
	2010	2015	2020	2025	2030 - opt
Demand					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 45 Projected single dry year Supply and Demand Comparison - AF Year					
	2010	2015	2020	2025	2030 - opt
Supply totals	0	0	0	0	0
Demand totals	0	0	0	0	0
Difference	0	0	0	0	0
Difference as % of Supply					
Difference as % of Demand					

Need to address

Supply and Demand Comparison: Multiple-dry Year Scenario (Water Code § 10635 (a))

Project a multiple-dry year period (as identified in Table 9) occurring between 2006-2010 and compare _____ Reference & Page Number projected supply and demand during those years

Table 46 Projected supply during multiple dry year period ending in 2010 - AF Year					
	2006	2007	2008	2009	2010
Supply					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 47 Projected demand multiple dry year period ending in 2010 - AFY					
	2006	2007	2008	2009	2010
Demand					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 48 Projected Supply and Demand Comparison during multiple dry year period ending in 2010- AF Year					
	2006	2007	2008	2009	2010
Supply totals	0	0	0	0	0
Demand totals	0	0	0	0	0
Difference	0	0	0	0	0
Difference as % of Supply					
Difference as % of Demand					

Need to address

Project a multiple-dry year period (as identified in Table 9) occurring between 2011-2015 and compare _____ Reference & Page Number

projected supply and demand during those years

Table 49 Projected supply during multiple dry year period ending in 2015 - AF Year					
	2011	2012	2013	2014	2015
Supply					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 50 Projected demand multiple dry year period ending in 2015 - AFY					
	2011	2012	2013	2014	2015
Demand					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 51 Projected Supply and Demand Comparison during multiple dry year period ending in 2015- AF Year					
	2011	2012	2013	2014	2015
Supply totals	0	0	0	0	0
Demand totals	0	0	0	0	0
Difference	0	0	0	0	0
Difference as % of Supply					
Difference as % of Demand					

Need to address

Project a multiple-dry year period (as identified in Table 9) occurring between 2016-2020 and compare projected supply and demand during those years _____ Reference & Page Number

Table 52 Projected supply during multiple dry year period ending in 2020 - AF Year					
	2016	2017	2018	2019	2020
Supply					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 53 Projected demand multiple dry year period ending in 2020 - AFY					
	2016	2017	2018	2019	2020
Demand					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 54 Projected Supply and Demand Comparison during multiple dry year period ending in 2020- AF Year					
	2016	2017	2018	2019	2020
Supply totals	0	0	0	0	0
Demand totals	0	0	0	0	0
Difference	0	0	0	0	0
Difference as % of Supply					
Difference as % of Demand					

Need to address

Project a multiple-dry year period (as identified in Table 9) occurring between 2021-2025 and compare projected supply and demand during those years _____ Reference & Page Number

Table 55 Projected supply during multiple dry year period ending in 2025 - AF Year					
	2021	2022	2023	2024	2025
Supply					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 56 Projected demand multiple dry year period ending in 2025 - AFY					
	2021	2022	2023	2024	2025
Demand					
% of projected normal	0.0%	0.0%	0.0%	0.0%	0.0%

Table 57 Projected Supply and Demand Comparison during multiple dry year period ending in 2025- AF Year					
	2021	2022	2023	2024	2025
Supply totals	0	0	0	0	0
Demand totals	0	0	0	0	0
Difference	0	0	0	0	0
Difference as % of Supply					
Difference as % of Demand					

Need to address

Provision of Water Service Reliability section to cities/counties within service area		(Water Code § 10635(b))	
<input checked="" type="checkbox"/>	Provided Water Service Reliability section of UWMP to cities and counties within which it provides water supplies within 60 days of UWMP submission to DWR	pg 5 Reference & Page Number	
Does the Plan Include Public Participation and Plan Adoption		(Water Code § 10642)	
<input type="checkbox"/>	Attach a copy of adoption resolution	Reference & Page Number	Need copy of adopted resolution.
<input checked="" type="checkbox"/>	Encourage involvement of social, cultural & economic community groups	pg 5 Reference & Page Number	
<input checked="" type="checkbox"/>	Plan available for public inspection	pg 5 Reference & Page Number	
<input checked="" type="checkbox"/>	Provide proof of public hearing	pg 5 Reference & Page Number	
<input checked="" type="checkbox"/>	Provided meeting notice to local governments	pg 5 Reference & Page Number	
Review of implementation of 2000 UWMP		(Water Code § 10643)	
<input type="checkbox"/>	Reviewed implementation plan and schedule of 2000 UWMP	Reference & Page Number	Need to address.
<input type="checkbox"/>	Implemented in accordance with the schedule set forth in plan	Reference & Page Number	
<input type="checkbox"/>	2000 UWMP not required	Reference & Page Number	
Provision of 2005 UWMP to local governments		(Water Code § 10644 (a))	
<input checked="" type="checkbox"/>	Provide 2005 UWMP to DWR, and cities and counties within 30 days of adoption	Pg 5 Reference & Page Number	
Does the plan or correspondence accompanying it show where it is available for public review		(Water Code § 10645)	
<input checked="" type="checkbox"/>	Does UWMP or correspondence accompanying it show where it is available for public review	pg 5 Reference & Page Number	

Adopted
11-08-05
Weaver/Yousefian
Quintero: Absent

RESOLUTION NO. 05-215

**RESOLUTION OF THE COUNCIL OF THE CITY OF GLENDALE
ADOPTING THE GLENDALE 2005 URBAN WATER MANAGEMENT PLAN**

WHEREAS, California Water Code, Sections 10620, et seq., requires that each urban water supplier as defined, annually prepare and adopt an urban water management plan and that updates be prepared and submitted to the State Department of Water Resources every five years; and

WHEREAS, the City has previously prepared appropriate plans and updates as required by law; and

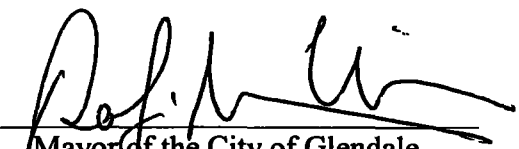
WHEREAS, the 2005 plan has been prepared and is consistent with the requirements established by law; and

WHEREAS, the Council has held the public hearing as required by law.

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF GLENDALE, CALIFORNIA:

That the Council hereby approves and adopts the 2005 Urban Water Management Plan and authorizes the City Manager to submit same to the State Department of Water Resources.

Adopted this 8th day of November, 2005.


Mayor of the City of Glendale

ATTEST:

CITY CLERK
by: 
Assist. City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)
CITY OF GLENDALE)

I, ARDASHES KASSAKHIAN, City Clerk of the City of Glendale, do hereby certify that the foregoing Resolution No. 05-215 was duly adopted by the Council of the City of Glendale, California, at a regular meeting held on the 8th day of November, 2005, and the same was adopted by the following vote:

Ayes: Najarian, Weaver, Yousefian, Manoukian

Noes: None

Absent: Quintero

CITY CLERK
by: *Pita Buchanan*
City Clerk (Assist.)

APPROVED AS TO FORM
Mr. Harris
CHIEF ASSISTANT CITY ATTORNEY
DATED 10-31-05



CITY OF GLENDALE CALIFORNIA
REPORT TO THE CITY COUNCIL

November 8, 2005

AGENDA ITEM

Report: Request for City Council to Conduct a Public Hearing and Adopt the Glendale 2005 Urban Water Management Plan.

(1) Resolution Approving the Glendale 2005 Urban Water Management Plan.

COUNCIL ACTION

Public Hearing [X] Ordinance [] Consent Calendar [] Action Item [] Report Only []
Approved for December 8, 2005 calendar

ADMINISTRATIVE ACTION

Submitted Ignacio R. Troncoso, Director of Glendale Water & Power
Prepared Peter Kavounas, Water Services Administrator
Raja Takidin, Civil Engineer
Approved James E. Starbird, City Manager
Reviewed Scott H. Howard, City Attorney

RECOMMENDATION

It is recommended that the City Council conduct a public hearing to solicit public comments and adopt the Glendale 2005 Urban Water Management Plan.

SUMMARY

Every five years, the plan must be submitted to the State Department of Water Resources to be in compliance with the Urban Water Management Planning Act. The plan describes and evaluates the City's sources of water supply, water service reliability, the practical and efficient uses of water, the degree of usage of reclamation, and conservation activities.

FISCAL IMPACT

There is no fiscal impact associated with this action.

BACKGROUND

The purpose of the Glendale Urban Water Management Plan (UWMP) is to comply with Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act which was adopted through Assembly Bill 797 in 1983. This act requires that "every urban water supplier providing water for municipal purposes to more than 3,000 customers, or supplying more than 3,000 acre-feet of water annually, prepare and adopt, in accordance with prescribed requirements, an urban water management plan". The act also requires that the plan be periodically reviewed for changes and that an update be submitted to the State Department of Water Resources every five years.

On September 15, 2005, GWP's Water Section advertised for a public hearing at the October 3, 2005 GWP Commission meeting to solicit input from Glendale residents on the 2005 UWMP. The plan was available at the Public Library and the GWP Customer Services counter for the public to review. There were no comments from the public during this hearing.

The UWMP describes the service area of the supplier; identifies and quantifies the existing and planned water supply and demand; describes the reliability of water supply and vulnerability to seasonal or climatic shortage; describes the opportunities for exchanges or transfers of water and the water quality in the supplier's service area; discusses the supplier's water conservation approach and each of the best management practices that are being implemented.

The City of Glendale prepared its initial UWMP in 1985, and it was updated in 1990, 1995 and 2000. The Glendale 2005 Urban Water Management Plan is a revision of the 2000 plan. It includes the changes that occurred in the City for the last five years, and provides new information as required by the Urban Water Management Planning Act. This plan is due to the State Department of Water Resources by December 31, 2005.

EXHIBITS

Exhibit A: Glendale 2005 Urban Water Management Plan