



Water for Texas 2012: Amendment #6:

The following changes are proposed to be made to the 2012 State Water Plan as a result of a major amendment to the Region M 2011 Regional Water Plan. This amendment will be considered by the Texas Water Development Board on May 5, 2016.

SUMMARY OF CHANGES:

Changes to Appendix A.2 of the 2012 State Water Plan: Recommended Water Management Strategies and Costs Estimates											
Change	Region	Recommended Water Management Strategy	Total Capital Costs	First Decade Estimated Annual Average Unit Cost (\$/acre-foot/year)	Water Supply Volume (acre-feet per year)						Estimated Annual Average Unit Cost (\$/acre-foot/year)
					2010	2020	2030	2040	2050	2060	
ADDED	M	DELTA WATERSHED PROJECT	\$53,788,355	\$1,403	6,017	6,017	6,017	6,017	6,017	6,017	\$685



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Text:	
Page 4 : Paragraph 4 : Change second sentence to:	These strategies included <u>570</u> unique water supply projects designed to meet needs for additional water supplies for Texas during drought (this figure is lower than presented in previous plans because it does not separately count each entity participating in a given project.)
Page 4 : Paragraph 5 : Change first sentence to:	The strategies recommended by regional water planning groups would provide, if implemented, <u>9.3</u> million acre-feet per year in additional water supplies by 2060 (Figure ES.4).
Page 5 : Paragraph 1 : Change second sentence to:	About 34 percent of the volume of these strategies would come from conservation and resue, about 17 percent from new major reservoirs, and about <u>33</u> percent from other surface water supplies.
Page 5 : Paragraph 4 : Change first sentence to:	The estimated total capital cost of the 2012 State Water Plan, representing the capital costs of all water management strategies recommended in the 2011 regional water plans, is <u>\$55.7</u> billion.
Page 104 : Paragraph 2 : Change second bullet to:	Recommended water management strategy volume in 2060 - <u>679,863</u> acre-feet per year
Page 104 : Paragraph 2 : Change third bullet to:	Total capital cost - <u>\$2.3</u> billion
Page 104 : Paragraph 2 : Change fourth bullet to:	Conservation accounts for <u>42</u> percent of 2060 strategy volumes
Page 106 : Paragraph 4 : Change last sentence to:	In all, the recommended strategies would provide <u>679,863</u> acre-feet of additional water supply by the year 2060 at a total capital cost of <u>\$2.3</u> billion.
Page 108 : Paragraph 1 : Change first sentence to:	Conservation strategies for municipal and irrigation water users account for approximately <u>42</u> percent of the water associated with the region's recommended strategies.
Page 187 : Paragraph 1 : Change first sentence to:	The regional planning groups recommended <u>570</u> unique water projects designed to meet needs for additional water supplies for Texas during drought, resulting in a total, if implemented, of <u>9.3</u> million acre-feet per year in additional water supplies by 2060.
Page 189 : Paragraph 4 : Change paragraph to:	To meet the needs for water during a repeat of the drought of record, regional water planning groups evaluated an recommended water management strategies that would account for an additional <u>9.3</u> million acre-feet per year of water by 2060 if all are implemented (Tables 7.1 and 7.2). These strategies included <u>570</u> unique water supply projects designed to meet needs for additional water supplies for Texas during drought (this figure is lower than presented in previous plans because it does not separately count each entity participating in a given project.)
Page 198 : Paragraph 1 : Change first sentence to:	As discussed further in Chapter 9 (Financing Needs), the total capital costs of the 2012 State Water Plan - representing all of the water management strategies recommended by the regional water planning groups - is <u>\$55.7</u> billion.

Note : No further corrections to Chapter 9 are captured since the chapter speaks to financing needs at the time the 2012 State Water Plan was initially published.



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Tables and Figures:				DECADE						TOTAL
			UNITS	2010	2020	2030	2040	2050	2060	
Page 5 :	Figure ES.4. : Water Plan (AFY)	Water Supplies from Water Management Strategies in the State	Update to the following: acre-feet per year	2,055,370	4,750,076	6,074,318	6,764,540	8,159,674	9,260,529	
Page 7 :	Figure ES.6. : Control (Billions of Dollars)	Total Capital Costs for Water supplies, Water Treatment and Distribution, Wastewater Treatment and Collection, and Flood	Update to the following: billions of dollars	Capital costs of water management strategies recommended in 2012 State Water Plan \$55.7						
Page 7 :	Figure ES.6. : Control (Billions of Dollars)	Total Capital Costs for Water supplies, Water Treatment and Distribution, Wastewater Treatment and Collection, and Flood	Update to the following: billions of dollars	Total capital costs: \$233B						
Page 109 :	Figure M.3 : Volumes for 2010-2060 (AFY)	Recommended Water Management Strategy Water Supply	Update to the following: <u>Other Surface</u> <u>Water</u>	17,221	30,869	56,971	90,029	134,216	179,551	
Page 109 :	Figure M.4 : Share of Supply.	2060 Recommended Water Management Strategies - Relative	Update to the following: percent	Municipal Conservation 4.8%; Irrigation Conservation 37.3%; Other Surface Water 26.4%; Reuse 9.6%; Groundwater Desalination 13.6%						
Page 188 :	Table 7.1. : Region (AFY)	Recommended Water Management Strategy Supply Volumes by Region	Update to the following: Region M acre-feet per year	96,951	188,928	281,709	395,336	532,242	679,863	
			Total acre-feet per year	2,055,370	4,750,076	6,074,318	6,764,540	8,159,674	9,260,529	
Page 189 :	Table 7.2. : Type of Strategy (AFY)	Recommended Water Management Strategy Supply Volumes by Type of Strategy	Update to the following: Other Surface Water Total Supply Volume acre-feet per year	748,464	1,517,014	1,821,641	2,037,549	2,706,707	3,056,066	
			Total Supply Volume acre-feet per year	2,055,370	4,750,076	6,074,318	6,764,540	8,159,674	9,260,529	
Page 195 :	Table 7.5. : Region (Millions of Dollars)	Recommended Water Management Strategy Capital Costs by Region	Update to the following: Region M Millions of Dollars	\$2,124	\$124	\$0	\$0	\$0	\$0	\$2,249
			Total Millions of Dollars	\$22,172	\$17,025	\$7,558	\$3,127	\$1,094	\$4,702	\$55,679
Page 195 :	Figure 7.4. : Supplies by Region (AFY)	Existing Supplies and Recommended Water Management Strategy Supplies by Region	Update to the following: Region M acre-feet per year	Water Management Strategy Supplies 679,863						
Page 197 :	Figure 7.5. : (AFY)	Water Needs, Needs Met by Plans, and Strategy Supply by Region	Update to the following: Region M acre-feet per year	Water Management Strategy Supplies 679,863						

Note : No further corrections to Chapter 9 are captured since the chapter speaks to financing needs at the time the 2012 State Water Plan was initially published.