

2020 UWMP Errata Sheet

Western Municipal Water District (Western) 2020 Urban Water Management Plan (UWMP)

This errata sheet logs minor content errors that were identified after final adoption of Western's 2020 UWMP. The Department of Water Resources (DWR) has determined that these corrections are minor and do not require the UWMP to be amended.

- These data errors have been corrected in DWR's UWMP database at <https://wuedata.water.ca.gov/secure/>
- This errata sheet has been filed with the UWMP in all locations where it is made publicly available, including the California State Library. Errata may be submitted to State Library via email to cslgps@library.ca.gov

Name and agency of the person filing the errata sheet:

Melissa Matlock, Ph.D., P.M.P

Western Municipal Water District

Correction No.	Description of Correction	Location	Rational	Date Error Corrected
1	In Table 6-6R, the value for “Expected Increase of Recycled Water Use” was changed from 1,400 AF to 2,274 AF. Planned Implementation Year of 2045 was added.	UWMP document Appendix R	The “Expected Increase of Recycled Water Use” for Western Retail is 2,274 AF by 2045 and reflects the 2045 projected recycled water supply from the WWRF (4,032 AF) less 2020 actual recycled water use (1,758 AF). Table 6-6R in the WUE data portal contains the correct values. Table 6-6R in Appendix R of the document was entered incorrectly and is updated to match the WUE data portal. See updated table below.	3/30/2022
2	Footnotes added to Table 6-8DS to clarify the two desalter facilities and their relation to Western Wholesale or Western Retail supplies.	WUE data portal and UWMP document Appendix R	All Western desalter facilities were included in Table 6-8DS within the WUE data portal because separate tables for Wholesale and Retail are not available. Footnotes were added to clarify that the Chino Desalter is considered a Western Retail supply source and the Arlington Desalter is a Western Wholesale supply and refers to the appropriate sections of the UWMP document where each desalter is discussed. Table 6-8DS in the WUE data portal and Appendix R is updated to include these clarifying notes. See updated table below.	3/30/2022
3	Table 6-5W values removed.	UWMP document Appendix R	As noted on page 4-11 of the UWMP document, Western Wholesale does not currently use recycled water to meet wholesale demands. In the WUE portal, Table 6-5W correctly shows zero recycled water demand for wholesale and Table 6-5R correctly shows the recycled water demand for Western Retail. Table 6-5W in Appendix R was entered incorrectly and is updated to match the WUE data portal. See updated table below.	3/30/2022

Correction No.	Description of Correction	Location	Rational	Date Error Corrected
4	Revised 2020 GPCD calculation to include non-potable water use.	<p>UWMP document: Executive Summary, Section 10.4.1, Appendix R Table 5-2R, Appendix N Table 4, 4-A, 5, 6, and 9</p> <p>WUE data portal: Table 5-2R, SBX7-7 Tables 4, 4-A, 5, and 9</p>	<p>All non-potable water use was excluded from the Western Retail GPCD calculation for 2016-2020. It is not clear if the data used to set the GPCD baseline excluded any non-potable water so, to be conservative, Western’s non-potable water use (excluding recycled water use) was added to the gross water use in the GPCD calculation. With the updated calculation, Western Retail 2020 GPCD was 235, still far exceeding the 2020 target of 352. Table 5-2R is updated in Appendix R and the WUE data portal. SBx7-7 Compliance Form tables 4, 4-A, 5, and 9 are also updated to reflect this revision. Figures depicting GPCD trends in the Executive Summary and Section 10.4.1 of the UWMP document are also updated.</p>	3/30/2022

Correction No. 1: Table 6-6R

6-6R | Methods to Expand Future Recycled Water Use

STATUS: Published

NOTES: -

The supplier will complete the table below.			
Name of Action	Description	Planned Implementation Year	Expected Increase of Recycled Water Use
Projects	Expanded WWRF	2045	2,274
Total:			2,274
Western plans to utilize all effluent from the WWRF within its Riverside service area as flows increase due to growth.			

Correction No. 1: WUE Data Table (no changes)

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Table 6-6 Retail: Methods to Expand Future Recycled Water Use

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<input type="checkbox"/>	Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.		
	Provide page location of narrative in UWMP.		
Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use (AF)
Projects	Expanded WWRF	2045	2,274 +
TOTAL			2,274
NOTES	Western plans to utilize all effluent from the WWRF within its Riverside service area as flows increase due to growth.		

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Correction No. 2: Table 6-8DS

6-8DS | Source Water Desalination

STATUS:

NOTES:

The supplier will complete the table below.

Plant Name or Well ID	Plant Capacity	Intake Type	Source Water Type	Influent TDS	Brine Discharge	Volume of Water Desalinated in AFY				
						2016	2017	2018	2019	2020
Chino Desalter (1)	28000	Vertical Well	Groundwater		Brine Line	3,534	3,534	3,534	3,534	3,534
Arlington Desalter (2)		Vertical Well	Groundwater		Brine Line	4,880	4,754	5,433	449	4,814
Total:						8,414	8,288	8,967	3,983	8,348

Notes:
 (1) Chino Desalter is a Western Retail supply and is described in Section 9.2 of the 2020 UWMP. Western Retail does not currently use this supply and leases it to another agency.
 (2) Arlington Desalter is a Western Wholesale supply and is described in Section 4.2 of the 2020 UWMP.

Correction No. 2: WUE Data Table

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OPTIONAL Table 6-8 DS: Source Water Desalination

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<input type="checkbox"/> Neither groundwater nor surface water are reduced in salinity prior to distribution											
Plant Name or Well ID	Plant Capacity	Intake Type	Source Water Type	Influent TDS	Brine Discharge	Volume of Water Desalinated (AF)					
						2016	2017	2018	2019	2020	
Chino Desalter	28000	vertical well	groundwater		Brine Line	3,534	3,534	3,534	3,534	3,534	+
Arlington Desalter		vertical well	groundwater		Brine Line	4,880	4,754	5,433	449	4,814	-
TOTAL						8,414	8,288	8,967	3,983	8,348	
NOTES	Chino Desalter is a Western Retail supply and is described in Section 9.2 of the 2020 UWMP. Western Retail does not currently use this supply and leases it to another agency. Arlington Desalter is a Western Wholesale supply and is described in Section 4.2 of the 2020 UWMP.										

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Correction No. 3: Table 6-5W

6-5W | 2015 Recycled Water Use Projection Compared to 2020 Actual

STATUS:

NOTES:

<p>Recycled water was not used or distributed by the supplier in 2015, nor projected for use or distribution in 2020. The supplier will not complete the table.</p>		
Name of Receiving Supplier or Direct Use by Wholesaler	2015 Projection for 2020	2020 Actual Use
Total:	-	-

Correction No. 3: WUE Data Table (no changes)

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Back Table 6-5 Wholesale: 2015 UWMP Recycled Water Use Projection Compared to 2020 Actual Next

<input checked="" type="checkbox"/>	Recycled water was not used or distributed by the supplier in 2015 nor projected for use or distribution in 2020. The wholesale supplier will not complete the table below.	
Name of Receiving Supplier or Direct Use by Wholesaler	2015 Projections for 2020 (AF)	2020 Actual Use (AF)
TOTAL		
NOTES		

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Correction No. 4: Table 5-2R (also SBx7-7 Compliance Form Table 9)

5-2R | 2020 Compliance

STATUS:

NOTES: -

Actual 2020 GPCD*	Optional Adjustments to 2020 GPCD					2020 GPCD (Adjusted if applicable)	Supplier Achieved Targeted Reduction in 2020
	Extraordinary Events*	Economic Adjustment*	Weather Normalization*	Total Adjustments*	Adjusted 2020 GPCD*		
235	0	0	0	0	235	235	Yes

Based on a retail population estimate of 94,898, calculated using DWR's population tool.

Correction No 4: Revised WUE Data Table 5-2R

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Table 5-2 R: 2020 Compliance Summary, From SB X7-7 2020 Compliance Form

Does supplier have more than one SB X7-7 2020 Compliance Form? ¹ :		N		
2020 GPCD				
Actual 2020 GPCD ²	2020 Total Adjustments ²	Adjusted 2020 GPCD ² (Adjusted if applicable)	2020 Confirmed Target GPCD ²	Did Supplier Achieve Targeted Reduction for 2020?
235	0	235	352	Y
¹ If a supplier has multiple SB X7-7 Compliance Forms, contact UWMPhelp@water.ca.gov for special instructions.				
NOTES	Based on a retail population estimate of 94,898, calculated using DWR's Population Tool.			

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Correction No 4: Revised WUE Data SBX7-7 Table 9

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SB X7-7 2020 Compliance Form - [View Table List](#)

SB X7-7 Compliance Table 9: 2020 Compliance Next

2020 Actual GPCD ¹	Optional Adjustments for 2020 GPCD					2020 Confirmed Target GPCD ^{1,2}	Did Supplier Achieve Targeted Reduction for 2020?
	Enter "0" for adjustments not used			TOTAL Adjustments ¹	Adjusted 2020 GPCD ¹ (Adjusted if applicable)		
	Extraordinary Events ¹	Weather Normalization	Economic Adjustment ¹				
235				0	235	352	YES
¹ All values are reported in GPCD ² 2020 Confirmed Target GPCD is taken from the Supplier's SB X7-7 Verification Form Table SB X7-7, 7-F SB X7-7 Tables 6, 7, 8 are not included in the SB X 7-7 2020 Compliance Form because they are used for Target calculations, which is done is the SB X7-7 Verification Form							
NOTES							

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Correction No 4: Revised SBx7-7 Compliance Table 4

SB X7-7 Table 4: 2020 Gross Water Use							
Compliance Year 2020	2020 Volume Into Distribution System <i>This column will remain blank until SB X7-7 Table 4-A is completed.</i>	2020 Deductions					2020 Gross Water Use
		Exported Water *	Change in Dist. System Storage* (+/-)	Indirect Recycled Water <i>This column will remain blank until SB X7-7 Table 4-B is completed.</i>	Water Delivered for Agricultural Use*	Process Water <i>This column will remain blank until SB X7-7 Table 4-D is completed.</i>	
	24,986			-		-	24,986

* Units of measure (AF, MG , or CCF) must remain consistent throughout the UWMP, as reported in SB X7-7 Table 0 and Submittal Table 2-3.

NOTES:

Correction No 4: Revised WUE Data SBX7-7 Compliance Table 4

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SB X7-7 Compliance Table 4: Annual Gross Water Use Next

Compliance Year 2020	Volume Into Distribution System <i>(this column will remain blank until SB X7-7 Compliance Table 4-A is completed)</i>	2020 Deductions (AF)					2020 Gross Water Use
		Exported Water	Change in Dist. System Storage (+/-) (AF)	Indirect Recycled Water <i>(this column will remain blank until SB X7-7 Compliance Table 4-B is completed)</i> (AF)	Water Delivered for Agricultural Use (AF)	Process Water <i>(from SB X7-7 Compliance Table 4-D)</i> (AF)	
	24,986			0			24,986
* Units of measure (AF, MG, or CCF) must remain consistent throughout the UWMP, as reported in Table 2-3							
NOTES							

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Correction No. 4: SBx7-7 Compliance - Table 4-A Inputs

Source	Supplier's Own or Purchased Source	Volume Entering Distribution System (AF)
Eastern Wheeled to Murrieta Service Area	Supplier's Own Source	1,834
Groundwater – Leased Meeks & Daley	Purchased Source	4,208
Groundwater – RPU	Purchased Source	3,163
Groundwater – Temecula Valley	Supplier's Own Source	399
Western Owned Meeks & Daley	Supplier's Own Source	227
Metropolitan Imported Potable	Purchased Source	12,004
Metropolitan Imported Non-Potable	Purchased Source	1,819
EVMWD – Riverside-Arlington Non-Potable	Purchased Source	944
RPU – Riverside-Arlington Non-Potable	Purchased Source	388
Total		24,986

Correction No 4: Revised WUE Data SBX7-7 Compliance Table 4-A

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SB X7-7 Compliance Table 4-A: Annual Gross Water Use

Select Water Source Below

Add Water Source →	+
EVMWD - Riverside-Arlington Non-Potable	-
Eastern Wheeled to Murrieta Service Area	-
Groundwater - Leased Meeks & Daley	-
Groundwater - RPU	-
Groundwater - Temecula Valley	-
Groundwater - Western Owned Meeks & Daley	-
Metropolitan Imported Non-Potable	-
Metropolitan Imported Potable	-
RPU - Riverside-Arlington Non-Potable	-

EVMWD - Riverside-Arlington Non-Potable

This water source is:

The supplier's own water source

A purchased or imported source

Compliance Year 2020	Volume Entering Distribution System ¹ (AF)	Meter Error Adjustment ² Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
	944		944

¹Units of Measure (AF, MG, or CCF) must remain consistent throughout the UWMP, as reported in Table 2-3.

² Meter Error Adjustment - See guidance in Methodology 1, Step 3 of [Methodologies Document](#)

NOTES

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Correction No. 4: SBx7-7 Compliance Form Table 5

SB X7-7 Table 5: 2020 Gallons Per Capita Per Day (GPCD)		
2020 Gross Water <i>Fm SB X7-7 Table 4</i>	2020 Population <i>Fm</i> <i>SB X7-7 Table 3</i>	2020 GPCD
24,986	94,898	235
NOTES:		

Correction No. 4: WUE Data SBX7-7 Compliance Table 5

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SB X7-7 Compliance Table 5: Gallons Per Capita Per Day (GPCD) Next

2020 Population <i>From SB X7-7 Compliance Table 3</i>	2020 Gross Water Use <i>From SB X7-7 Compliance Table 4 (AF)</i>	2020 GPCD
94,898	24,986	235
NOTES		

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