

**Errata Sheet for Minor Corrections to
Las Virgenes Municipal Water District 2020 Urban Water Management Plan (UWMP)**

This errata sheet logs minor content errors that were identified after final adoption of the Las Virgenes Municipal Water District 2020 UWMP. DWR has determined that these corrections are minor and do not require the UWMP to be amended.

These data errors have been corrected in the Department of Water Resources (DWR) 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 errata sheet:

Stephanie Soldo, Stantec, on behalf of Las Virgenes Municipal Water District (in tandem with Oliver Slosser, Las Virgenes Municipal Water District)

#	Description of Correction	Location	Rationale	Date Error Corrected
1	Table 7-5 was completed to address DWR comment, "Drought Risk Assessment Not Provided. Table 7-5 was left blank." Note: Table 7-5 is based on projections from MWD's 2020 UWMP, where water supply was predicted to meet future water demand from all customers. Accurate values based on up-to-date knowledge of what water is available is reflected in the Annual Reports.	To be added to Section 7 of UWMP	DWR staff requested this correction be made for completeness.	Aug 17, 2022
2	Tables corrected to address DWR comment, "Discrepancy in 2020 water volume between Table 4 (19,011 AF) and SB X Table 4 (20,817 AF before storage deduction and 18,431 AF after storage deduction). Please resolve this discrepancy and	Table 4-1, 4-2, 4-3, 5-2, 6-9, 7-1, 7-2, SBx7-7 Tables 4, 5, and 9	DWR staff requested this correction be made for uniform values.	Aug 17, 2022

	<p>correct tables as needed. <i>Note: if the volume reported in SB X7-7 Table 4 is modified, this will also affect SB X7-7 Tables 4, 5 and 9.</i></p> <p>Both values were estimates due to unavailable loss values at the time of the report. To resolve, LVMWD calculated the difference of water delivered to the Westlake Reservoir to the water delivered to the system in 2020 to obtain a more accurate loss estimation and final water volume of 20,042 AF.</p>			
3	<p>Elaborated on Table 8-2 and Table 8-3 to address DWR comment, "Table 8-2 and 8-3 do not address all six shortage levels. The tables must contain at least one row for each of the six levels. If no action is taken at a particular level, still include a row for that level and state that no action is taken."</p>	<p>To be added in Section 8 after Table 8-A (and page 7 and 8 of WSCP, Tables 3 and 4)</p>	<p>DWR staff requested this correction be made for completeness.</p>	<p>Aug 17, 2022</p>

The revised tables are included on the following pages. **Orange text or values** are items that have been revised from the June 2021 submittal.

Item 1:

Submittal Table 7-5: Five-Year Drought Risk Assessment Tables to address Water Code Section 10635(b)	
2021	Total
Total Water Use	25,323
Total Supplies	25,323
Surplus/Shortfall w/o WSCP Action	0
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	0
Resulting % Use Reduction from WSCP action	0%
2022	Total
Total Water Use	25,043
Total Supplies	25,043
Surplus/Shortfall w/o WSCP Action	0
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	0
Resulting % Use Reduction from WSCP action	0%
2023	Total
Total Water Use	24,764
Total Supplies	24,764
Surplus/Shortfall w/o WSCP Action	0
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	0
Resulting % Use Reduction from WSCP action	0%
2024	Total
Total Water Use	24,484
Total Supplies	24,484
Surplus/Shortfall w/o WSCP Action	0
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	0
Resulting % Use Reduction from WSCP action	0%
2025	Total
Total Water Use	24,204
Total Supplies	24,204
Surplus/Shortfall w/o WSCP Action	0
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	
WSCP - use reduction savings benefit	
Revised Surplus/(shortfall)	0
Resulting % Use Reduction from WSCP action	0%

Item 2:

Table 4-1:

Submittal Table 4-1 Retail: Demands for Potable and Non-Potable Water - Actual			
Use Type	2020 Actual		
Drop down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool	Additional Description (as needed)	Level of Treatment When Delivered Drop down list	Volume*
Add additional rows as needed			
Single Family	(a)	Drinking Water	14,718
Multi-Family	(a)	Drinking Water	1,270
Commercial	(a)	Drinking Water	1,483
Landscape	(a)	Drinking Water	716
Losses	(b)	Drinking Water	1,468
Other Potable	Potable Supplement to Recycled Water systems	Drinking Water	332
Other	Temporary Uses, such as fire protection and construction	Drinking Water	55
TOTAL			20,042
* Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.			
Notes: (a) Numbers derived from "Potable Production" spreadsheet provided by LVMWD staff (b) Losses calculated by taking volume into distribution system (20,817 AF) minus the reported change in distribution system per Westlake Reservoir Reconciliation 2020 (775 AF) to get the total volume of 20,042 AF, where losses equal the difference between metered values sum and the total volume (revised Aug 2022) (c) Numbers derived from "Groundwater_ColumnG" spreadsheet provided by LVMWD staff (d) Recycled water demands are discussed in Chapter 6.			

Table 4-2:

Submittal Table 4-2 Retail: Use for Potable and Non-Potable Water - Projected						
Use Type	Additional Description (as needed)	Projected Water Use* <i>Report To the Extent that Records are Available</i>				
<u>Drop down list</u> May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool		2025	2030	2035	2040	2045 (opt)
Add additional rows as needed						
Single Family	(a)	14,542	15,377	16,259	17,192	18,179
Multi-Family	(a)	1,255	1,327	1,403	1,484	1,569
Commercial	(a)	1,465	1,549	1,638	1,732	1,832
Landscape	(a)	708	748	791	837	885
Losses	(a)	1,451	1,534	1,623	1,716	1,814
Other Potable	Potable Supplement to Recycled Water systems (b)	682	682	682	682	682
Other	Temporary Uses, such as fire protection and construction (c)	106	106	106	106	106
TOTAL		20,209	21,324	22,503	23,749	25,067
* Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.						
<p>NOTES:</p> <p>(a) Assumes demand cutbacks per Table 4-B. No cutbacks are projected 2030 and beyond in the estimated demands.</p> <p>(b) The Recycled Water Supplement values are derived from five-year averages of potable and non-potable water supplement, which are expected to continue at a steady amount through 2045 as no growth is expected of the recycled water system. See Section 6 for more details.</p> <p>(c) Average from 2016-2020. **Also total values for 2035, 2040, and 2045 are off by a factor of 1 AF compared with the UWMP due to the Plan accounting for fractions of AF in projections.</p>						

Table 4-3:

Submittal Table 4-3 Retail: Total Water Use (Potable and Non-Potable)						
	2020	2025	2030	2035	2040	2045 (opt)
Potable Water, Raw, Other Non-potable <i>From Tables 4-1R and 4-2 R</i>	20,042	20,209	21,324	22,503	23,749	25,067
Recycled Water Demand ¹ <i>From Table 6-4</i>	5,560	3,995	3,995	3,995	3,995	3,995
Optional Deduction of Recycled Water Put Into Long-Term Storage ²						
TOTAL WATER USE	25,602	24,204	25,319	26,498	27,744	29,062
<p>¹Recycled water demand fields will be blank until Table 6-4 is complete</p> <p>² Long term storage means water placed into groundwater or surface storage that is not removed from storage in the same year. Supplier may deduct recycled water placed in long-term storage from their reported demand. This value is manually entered into Table 4-3.</p>						
<p>NOTES: Optional deduction is NOT put into long-term storage - see Table 4-3 in UWMP. Assumed a projected 682/681 AF of recycled water is supplied by potable water for peak months when wastewater flows are lower than recycled water demands (332 AF for 2020). This demand is included in the potable water demand projections for 2025. Variations of totals from the UWMP are due to fractions calculated in UWMP.</p>						

Table 5-2:

Submittal Table 5-2: 2020 Compliance From SB X7-7 2020 Compliance Form Retail Supplier or Regional Alliance Only				
2020 GPCD			2020 Confirmed Target GPCD*	Did Supplier Achieve Targeted Reduction for 2020? Y/N
Actual 2020 GPCD*	2020 TOTAL Adjustments*	Adjusted 2020 GPCD* (Adjusted if applicable)		
246			249	Yes
*All cells in this table should be populated manually from the supplier's SBX7-7 2020 Compliance Form and reported in Gallons per Capita per Day (GPCD)				

SB X7-7 Tables 4, 5 and 9:

SB X7-7 Compliance Table 4: Annual Gross Water Use							
Compliance Year 2020	Volume Into Distribution System (this column will remain blank until SB X7-7 Compliance Table 4-A is completed)	2020 Deductions (AF)					2020 Gross Water Use
		Exported Water	Change in Dist. System Storage (+/-) (AF)	Indirect Recycled Water (this column will remain blank until SB X7-7 Compliance Table 4-B is completed) (AF)	Water Delivered for Agricultural Use (AF)	Process Water (from SB X7-7 Compliance Table 4-D) (AF)	
	20,817	0	775	0		0	20,042
* Units of measure (AF, MG, or CCF) must remain consistent throughout the UWMP, as reported in Table 2-3							
NOTES							

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

2020 Population From SB X7-7 Compliance Table 3	2020 Gross Water Use From SB X7-7 Compliance Table 4 (AF)	2020 GPCD
72,602	20,042	246
NOTES		

SB X7-7 Compliance Table 9: 2020 Compliance

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 <i>(Adjusted if applicable)</i>
	Extraordinary Events ¹	Weather Normalization	Economic Adjustment ¹				
246	0	0	0	0	246	249	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 in the SB X7-7 Verification Form

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Table 7-1:

Submittal Table 7-1 Retail: Basis of Water Year Data (Reliability Assessment)			
Year Type	Base Year If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 2019-2020, use 2020	Available Supplies if Year Type Repeats	
		<input type="checkbox"/>	Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. Location _____
		<input checked="" type="checkbox"/>	Quantification of available supplies is provided in this table as either volume only, percent only, or both.
		Volume Available *	% of Average Supply
Average Year	2020	25,602	100%
Single-Dry Year	1977	25488	100%
Consecutive Dry Years 1st Year	1988 to 1992	25488	100%
Consecutive Dry Years 2nd Year	1988 to 1992	25488	100%
Consecutive Dry Years 3rd Year	1988 to 1992	25680	100%
Consecutive Dry Years 4th Year	1988 to 1992	25680	100%
Consecutive Dry Years 5th Year	1988 to 1992	25872	101%
<p><i>Supplier may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If a Supplier uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of Table 7-1 are being used and identify the particular water source that is being reported in each table.</i></p>			
<p>*Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.</p>			

Table 7-2:

Submittal Table 7-2 Retail: Normal Year Supply and Demand Comparison					
	2025	2030	2035	2040	2045 (Opt)
Supply totals (autofill from Table 6-9)	24,204	25,319	26,498	27,744	29,062
Demand totals (autofill from Table 4-3)	24,204	25,319	26,498	27,744	29,062
Difference	0	0	0	0	0

Item 3:

Table 8-2:

Table 8-2: Demand Reduction Actions				
Shortage Level	Demand Reduction Actions <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.</i>	How much is this going to reduce the shortage gap? <i>Include units used (volume type or percentage)</i>	Additional Explanation or Reference <i>(optional)</i>	Penalty, Charge, or Other Enforcement? <i>For Retail Suppliers Only Drop Down List</i>
<i>Add additional rows as needed</i>				
Shortage Level 1	Landscape - Restrict or prohibit runoff from landscape irrigation	0-20%*		Yes
Shortage Level 1	Landscape - Other landscape restriction or prohibition	0-20%*	Landscape – Irrigation may not occur during periods of rain or in the 48 hours following measurable rainfall	Yes
Shortage Level 1	Landscape - Other landscape restriction or prohibition	0-20%*	Landscape – Restrict potable water to wash off hard surfaces	Yes
Shortage Level 1	Landscape - Other landscape restriction or prohibition	0-20%*	Landscape – Trigger nozzle is required for car washing	Yes
Shortage Level 4	Landscape - Prohibit all landscape irrigation	0-20%*	Outdoor water use only allowed for public health and safety purposes	Yes
Shortage Level 1	CII - Restaurants may only serve water upon request	0-20%*		Yes
Shortage Level 1	CII - Lodging establishment must offer opt out of linen service	0-20%*		Yes
Shortage Level 4	Other water feature or swimming pool restriction	0-20%*	Outdoor water use only allowed for public health and safety purposes	Yes
Shortage Level 1	Other	0-20%*	Water conservation programs	No
Shortage Level 1	Landscape - Limit landscape irrigation to specific times	0-20%*	Between hours of 10 AM and 5 PM	Yes
Shortage Level 2	Other	0-20%*	See all Shortage Level 1 Demand Reduction Actions	Yes
Shortage Level 3	Other	0-20%*	See all Shortage Level 1 Demand Reduction Actions	Yes
Shortage Level 5	Other	N/A	Not Applicable - only considering Levels 1-4 (see Table 8-A)	No
Shortage Level 6	Other	N/A	Not Applicable - only considering Levels 1-4 (see Table 8-A)	No
Notes: *Shortage Level 1 applies to Shortage Level 1-4. When taken collectively, the demand reduction measures will reduce the shortage gap up to 20 percent. LVMWD has not assessed these actions on an individual basis but as a whole.				

Table 8-3:

Table 8-3: Supply Augmentation and Other Actions			
Shortage Level	Supply Augmentation Methods and Other Actions by Water Supplier <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool</i>	How much is this going to reduce the shortage gap? <i>Include units used (volume type or percentage)</i>	Additional Explanation or Reference <i>(optional)</i>
<i>Add additional rows as needed</i>			
1			No action is applicable
2			No action is applicable
3	Stored Emergency Supply	0 to 100%	Short-term action (3 month max.) from Las Virgenes Reservoir
4	Stored Emergency Supply	0 to 100%	Short-term action (3 month max.) from Las Virgenes Reservoir
5			No action is applicable
6			No action is applicable
NOTES: No supply augmentation and other actions are currently applicable for levels 1 and 2. Based on Table 8-A, Levels 5 and 6 are not considered.			