

## Errata Sheet for Minor Corrections to Alameda County Water District's 2020 Urban Water Management Plan (UWMP)

This errata sheet logs minor content errors that were identified after final adoption of the Alameda County 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](mailto:cslgps@library.ca.gov)

Name and agency of the person filing errata sheet:

Kelsi Oshiro and Devon Becker - Alameda County Water District

#	Description of Correction	Location	Rationale	Date Error Corrected
1	Discussed and verified that DWR Tables 6-1 and 6-8 are correct. Supporting explanation on groundwater utilization is provided in locations listed. No correction necessary.	Page 3-11, Table 3-1, Figure 3-1, Chapter 4, Chapter 9	Tables have been discussed with DWR and verified that the tables are correct.	N/A
2	The population for the year 2020 in ACWD's UWMP was stated as 356,823 based on California Department of Finance (DOF) estimates. The WUE Population Tool calculated population for the year 2020 as 356,078, which is a difference of 745 people from the DOF estimates and represents a percent error of approximately 0.2%. No correction necessary.	N/A	This has been discussed with and accepted by DWR.	N/A
3	Ordinance No 2014-01 was added to the standalone Water Shortage Contingency Plan	Inserted following page 10-18	Printer error	October 15, 2021
4	Reprinted Table 7-2. The data in the source file has been verified that it is correct. It seems the error may be due to that when printing to PDF, the autofill function was trying to update (from Table 4-3, which Table 7-2 references) and was not able to complete its update before the source file was printed.	Page 404 of 483 of the UWMP PDF (in Appendix G)	Printer error	October 15, 2021

5	Reprinted Water Shortage Contingency Plan chapter (Chapter 10) in 2020 UWMP to include the entirety of Section 10.7.	Inserted following page 10-18	Printer error	October 15, 2021
6	For DWR's Table 6-1, checked box that says, "All or part of the groundwater described below is desalinated."	Page 396 of 483 of the UWMP PDF (in Appendix G)	Box needed to be checked.	October 15, 2021
7	Corrected two typos in Table 3-8: <ul style="list-style-type: none"> <li>i. The kWh/AF value for the "Estimated Energy Intensity" now matches what is presented in DWR's Table O-1A.</li> <li>ii. Deleted "(kWh/AF)" next to "Total Estimated energy Intensity"</li> </ul>	Page 3-27	Needed to correct typos.	October 15, 2021
8	DWR Table O-1A: increased width of cell to include all notes	Page 419 of 483 of the UWMP PDF (in Appendix G)	Needed to increase width of cell to include all notes when printed.	October 15, 2021

# Tables with Minor Edits

**Table 3-8  
Summary of Energy Intensity Analysis**

Water Management Process	Description of Facilities Included	Estimated Energy Intensity	
		(kWh/AF)	(kWh/MG)
<b>Extract and Divert</b>	Includes the District facilities on Alameda Creek that divert raw water to the Quarry Lakes	5	15
<b>Place into Storage</b>	The District does not consider any of its facilities within its operational control and service area to be in this category	0	0
<b>Conveyance</b>	The District does not consider any of its facilities within its operational control and service area to be in this category	0	0
<b>Treatment - net metering *</b>	Includes the District's Water Treatment Plant 2, Desal Facility, Blending Facility, and Mission San Jose Water Treatment Plant. These processes treat or blend potable water from different sources to provide high-quality potable water prior to supplying the distribution system.	75*	230
<b>Distribution</b>	Includes infrastructure that sends the treated and potable water to the distribution system, such as booster pump stations, booster pumps, and tanks and reservoirs.	489	1500
<b>Total Estimated Energy Intensity</b>		564	1732

\* Treatment includes offsets from on-site hydropower-generation at Water Treatment Plant 2



**Urban Water Supplier:** Alameda County Water District

**Water Delivery Product** (If delivering more than one type of product use Table O-1C)

Retail Potable Deliveries

**Table O-1A: Recommended Energy Reporting - Water Supply Process Approach**

Enter Start Date for Reporting Period	1/1/2020	<b>Urban Water Supplier Operational Control</b>							
End Date	12/31/2020								
<input type="checkbox"/> s upstream embedded in the values reported?		<b>Water Management Process</b>					<b>Non-Consequential Hydropower (if applicable)</b>		
	<i>Water Volume Units Used</i>	Extract and Divert	Place into Storage	Conveyance	Treatment	Distribution	Total Utility	Hydropower	Net Utility
<i>Volume of Water Entering Process</i>	AF	5496	0	0	44324	44324	44324	0	44324
<i>Energy Consumed (kWh)</i>	N/A	27334	0	0	3317164	21667250	25011748	0	25011748
<i>Energy Intensity (kWh/vol. converted to MG)</i>	N/A	15.3	0.0	0.0	229.7	1500.2	1731.8	0.0	1731.8

**Quantity of Self-Generated Renewable Energy**

kWh

**Data Quality** (Estimate, Metered Data, Combination of Estimates and Metered Data)

Combination of Estimates and Metered Data

**Data Quality Narrative:**

Used metered data from Pacific Gas and Electric Company and East Bay Community Energy to estimate the total energy consumed and estimated a best fit between metered facilities and water management processes. The volume of water entering the distribution system matches the "Drinking Water" components of Table 4-1, as the distribution system only delivered treated water. Please note that a value of "0.0" for cells F14 and G14 was hardcoded in because the formulas provided showed the "#DIV/0" error when the volumes were entered as 0 in cells F12 and G12. Also, we kept the "Total Utility" cell (cell J12) to equal the "Distribution" cell (cell I12) per Appendix O of DWR's Final UWMP Guidebook and the note in cell J12.

**Narrative:**

Ref. Chapter 3. The "Extract and Divert" water management process includes the District facilities on Alameda Creek that diverts raw water to the Quarry Lakes. The District does not consider any of its facilities within the service area to be categorized as "Place into Storage" and "Conveyance." The "Treatment" water management process includes the District's Water Treatment Plant 2, Desal Facility, Blending Facility, and the Mission San Jose Water Treatment Plant. These processes treat or blend potable water from different sources to provide high-quality potable water prior to supplying the distribution system. The "Distribution" water management process includes infrastructure after treatment such as booster pump stations, booster pumps, and tanks and reservoirs that the boosters pump treated water up to prior to being distributed mostly by gravity to the service area. The District has consequential hydropower generation at its Water Treatment Plant 2 and this was included in the "Treatment" water management process as a negative energy amount.