

RESOLUTION 2022-21

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
BEAUMONT-CHERRY VALLEY WATER DISTRICT
TO ADOPT THE 2022-2023 ANNUAL
WATER SUPPLY AND DEMAND ASSESSMENT**

WHEREAS, the Annual Water Supply and Demand Assessment (WSDA) is a new State-mandated report due to the Department of Water Resources (DWR) on July 1, 2022 and every July 1 thereafter; and

WHEREAS, the WSDA provides an estimate of the gap between demand for water and actual supplies available each year; and

WHEREAS, per California Water Code §10632.1, an urban water supplier shall conduct an annual water supply and demand assessment pursuant to subdivision (a) of Section 10632 and, on or before July 1 of each year, submit an annual water shortage assessment report to the department with information for anticipated shortage, triggered shortage response actions, compliance and enforcement actions, and communication actions, and an urban water supplier that relies on imported water from the State Water Project or the Bureau of Reclamation shall submit its annual water supply and demand assessment within 14 days of receiving its final allocations, or by July 1 of each year, whichever is later; and

WHEREAS, as a result of continuing drought conditions in the State, on March 28, 2022 Governor Gavin Newsom issued Executive Order N-7-22 which requires suppliers to submit a preliminary shortage report by June 1, 2022 and a final Annual Shortage Report by July 1, 2022; and

WHEREAS, staff has analyzed potential water sources for the current / upcoming year (July 2022-June 2023) as well as the estimated consumption based on the findings of the Urban Water Management Plan and has prepared this WSDA in compliance with the procedures enumerated in the Water Shortage Contingency Plan (WSCP) adopted by Resolution 2021-14; and

WHEREAS, on May 26, 2022, the Board received a presentation of the Draft Annual WSDA and staff subsequently submitted the District's Preliminary Annual Shortage Report to the Department of Water Resources on June 1, 2022; and

WHEREAS, there have been no additional findings to warrant substantial changes to the Preliminary Annual Shortage Report and on June 23, 2022, the Board received a presentation and considered the final WSDA,

NOW THEREFORE, BE IT RESOLVED that the Board of Directors of the Beaumont-Cherry Valley Water District finds and determines as follows:


1. The WSDA was prepared in accordance with the California Water Code and with the District's WSCP
2. The conclusions set forth in the WSDA are supported by substantial evidence and reasonable analysis, and are consistent with District policies, plans, documents and operations

NOW THEREFORE, BE IT FURTHER RESOLVED that, in the exercise of independent judgment, taking into consideration the WSDA, and engaging in due deliberations, the Board does hereby adopt the 2022-2023 BCVWD Final Annual Water Supply and Demand Assessment and directs staff to submit the report to the Department of Water Resources.

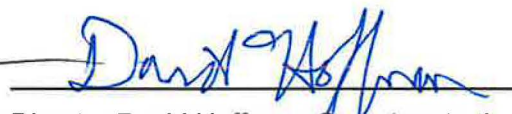
ADOPTED this 23rd day of June, 2022, by the following vote:

AYES: Williams, Hoffman, Slawson, Covington
NOES:
ABSTAIN:
ABSENT: Ramirez

ATTEST:



Director Lona Williams, President of the
Board of Directors of the
Beaumont-Cherry Valley Water District



Director David Hoffman, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

Attachment: Final BCVWD Annual Water Supply and Demand Assessment (2022-2023)

Attachment 1 -
Final Beaumont-Cherry Valley Water District Annual Water
Supply and Demand Assessment (2022-2023)

Table 1. Annual Assessment Informatio

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2022
End: June 30,	2023
Supplier's Annual Assessment Planning Cycle	
Start Month:	JULY
End Month:	JUNE
Data Reporting Interval Used: MONTHLY	
Volume Unit for Reported Supply and Demand: <i>(Must use the same unit throughout)</i> AF	
Water Supplier's Contact Information	
Water Supplier's Name:	BEAUMONT-CHERRY VALLEY WATER DISTRICT
Contact Name:	MARK SWANSON
Contact Title:	DIRECTOR OF ENGINEERING
Street Address:	560 MAGNOLIA AVENUE
ZIP Code:	92223
Phone Number:	951-845-9581
Email Address:	mark.swanson@bcvwd.org
Report Preparer's Contact Information <i>(if different from above)</i>	
Preparer's Organization Name:	
Preparer's Contact Name:	
Phone Number:	
Email Address:	
Supplier's Water Shortage Contingency Plan	
WSCP Title	Beaumont-Cherry Valley Water District Water Shortage Contingency Plan
WSCP Adoption Date	8/26/2021
Other Annual Assessment Related Activities (Optional)	
Activity	Timeline/ Outcomes / Links / Notes
Annual Assessment/ Shortage Report Title:	Optional
Annual Assessment / Shortage Report Approval Date:	MM/DD/YYYY
Other Annual Assessment Related Activities:	Optional
<i>(Add rows as needed)</i>	

= From prior table
 = Auto calculated

Table 2: Water Demands ¹															
Use Type	Start Year:	Volumetric Unit Used ² :													
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 (Add additional rows as needed)	Additional Description (as needed)	Level of Treatment for Non-Potable Supplies Drop-down list	Projected Water Demands - Volume ³												
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Demand Type
Demands Served by Potable Supplies															
Single Family			995	941	1221	924	968	703	683	507	547	482	534	747	9402
Multi-Family			22	53	26	48	19	45	16	39	16	37	17	48	387
Commercial	Commercial/Institutional		121	180	149	168	115	125	68	92	61	87	68	153	1383
Industrial			14	23	15	20	13	14	14	18	16	14	13	26	200
Landscape			23	26	23	23	15	13	11	11	9	9	17	28	207
Agricultural irrigation			6	6	11	11	7	7	2	2	2	2	3	3	62
Other Potable	Construction Grading Water		29	47	34	25	32	16	19	31	17	20	22	45	337
															0
															0
															0
Total by Month (Potable)			1209	1277	1479	1219	1168	924	813	700	668	651	823	1050	11982
Demands Served by Non-Potable Supplies															
Commercial	Commercial/Institutional - Non-Potable		0.29	0.39	0.41	0.54	0.68	0.34	0.29	0.15	0.35	0.19	0.30	0.46	4
Landscape			253	275	296	245	178	137	88	85	83	65	142	220	2058
															0
															0
															0
Total by Month (Non-Potable)			253	275	296	246	179	138	88	85	83	66	143	221	2073
Notes: List considered factors impacting demands															
¹ Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors ² Units of measure (AF, CCF, MG) must remain consistent ³ When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions															

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Last year's total demand													0
Two years ago total demand													0
Three years ago total demand													0
Four years ago total demand													0

= From prior tables
 = Auto calculated

Table 3: Water Supplies ¹															Water Quality	Total Right of Safe Yield* (optional)
Water Supply	Start Year	Volumetric Unit Used ²												Total by Water Supply Type	Drop-down List	
Drop-down List May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Detail on Water Supply	2022	AF	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr			
Potable Supplies																
Groundwater (not desal.)	Edgar Canyon Groundwater - No limit on pumping, typical yield between 1100-1400 AFY	114	105	97	106	101	100	92	92	95	121	132	125	1280		
Purchased/Imported Water	Table A Allocation (5%)	0	0	0	112	112	112	0	112	112	112	0	0	672		
Purchased/Imported Water	Ventura (5%)	0	0	0	40	40	40	0	40	40	40	40	0	280		
Purchased/Imported Water	Nickel Water (Dry Year Supply Based on 2020 UWMP)	0	0	0	191	191	191	0	191	191	191	191	0	1337		
Groundwater (not desal.)	Adjudicated Beaumont Basin Groundwater - Reallocated Unused Overlier Rights	152	152	152	152	152	152	152	152	152	152	152	152	1824		
Supply from Storage	Adjudicated Beaumont Basin Groundwater	500	600	715	175	125	0	265	0	0	0	0	350	2730		
														0		
														0		
														0		
														0		
	Total by Month (Potable)	766	857	964	776	721	595	509	587	590	616	515	627	8123		0
Non-Potable Supplies																
Groundwater (not desal.)	Adjudicated Beaumont Basin Groundwater (BCVWD Well 26)	140	161	151	138	115	58	61	54	34	71	90	98	1171		
Supply from Storage	Adjudicated Beaumont Basin	25	20	35	25	0	35	10	5	20	0	5	40	220		
														0		
														0		
														0		
	Total by Month (Non-Potable)	165	181	186	163	115	93	71	59	54	71	95	138	1391		0
Notes: List hydrological and regulatory conditions, infrastructure capabilities, and plausible constraints which may impact the water supplies																
¹ Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors. ² Units of measure (AF, CCF, MG) must remain consistent. ³ When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.																

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
eAR Reported Total Water Supplies													0

= Auto calculated
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= For manual input

Table 4(P): Potable Water Shortage Assessment ¹													Start Year: 2022		Volumetric Unit Used ² :				AF	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total							
Anticipated Unconstrained Demand	1209.3	1276.8	1479.0	1219.2	1168.5	923.6	813.3	699.7	668.3	651.1	823.2	1050.0	11981.91							
Anticipated Total Water Supply	766.0	857.0	964.0	776.0	721.0	595.0	509.0	587.0	590.0	616.0	515.0	627.0	8123.00							
Surplus/Shortage w/o WSCP Action	-443.3	-419.8	-515.0	-443.2	-447.5	-328.6	-304.3	-112.7	-78.3	-35.1	-308.2	-423.0	-3,858.9							
% Surplus/Shortage w/o WSCP Action	-37%	-33%	-35%	-36%	-38%	-36%	-37%	-16%	-12%	-5%	-37%	-40%	-32%							
State Standard Shortage Level	4	4	4	4	4	4	4	2	2	1	4	5	4							
Planned WSCP Actions																				
Benefit from WSCP: Supply Augmentation													0.0							
Benefit from WSCP: Demand Reduction	375.0	362.0	460.0	352.0	362.0	267.0	253.0	195.0	204.0	184.0	256.0	293.0	3563.0							
Revised Surplus/Shortage with WSCP	-68.3	-57.8	-55.0	-91.2	-85.5	-61.6	-51.3	82.3	125.7	148.9	-52.2	-130.0	-295.9							
% Revised Surplus/Shortage with WSCP	-6%	-5%	-4%	-7%	-7%	-7%	-6%	12%	19%	23%	-6%	-12%	-2%							

¹ Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.
² Units of measure (AF, CCF, MG) must remain consistent.
³ When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

= Auto calculated
= From prior tables
= For manual input

Table 4(NP): Non-Potable Water Shortage Assessment													Start Year: 2022		Volumetric Unit Used ² :				AF	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total							
Anticipated Unconstrained Demand: Non-Potable	253.0	275.4	296.1	246.0	178.9	137.7	88.2	85.1	83.5	65.6	142.5	220.6	2,072.51							
Anticipated Total Water Supply: Non-Potable	165.0	181.0	186.0	163.0	115.0	93.0	71.0	59.0	54.0	71.0	95.0	138.0	1,391.0							
Surplus/Shortage w/o WSCP Action: Non-Potable	-88.0	-94.4	-110.1	-83.0	-63.9	-44.7	-17.2	-26.1	-29.5	5.4	-47.5	-82.6	-681.5							
% Surplus/Shortage w/o WSCP Action: Non-Potable	-35%	-34%	-37%	-34%	-36%	-32%	-20%	-31%	-35%	8%	-33%	-37%	-33%							
Planned WSCP Actions																				
Benefit from WSCP: Supply Augmentation													0.0							
Benefit from WSCP: Demand Reduction	78.0	85.0	92.0	76.0	55.0	43.0	27.0	26.0	26.0	20.0	44.0	68.0	640.0							
Revised Surplus/Shortage with WSCP	-10.0	-9.4	-18.1	-7.0	-8.9	-1.7	9.8	-0.1	-3.5	25.4	-3.5	-14.6	-41.5							
% Revised Surplus/Shortage with WSCP	-4%	-3%	-6%	-3%	-5%	-1%	11%	0%	-4%	39%	-2%	-7%	-2%							

¹ Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.
² Units of measure (AF, CCF, MG) must remain consistent.
³ When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

Table 5: Planned Water Shortage Response Actions			July 1, 2022	to June 30, 2023		
Anticipated Shortage Level Drop-down List of State Standard Levels (1 - 6) and Level 0 (No Shortage)	ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List) These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	Is action already being implemented? (Y/N)	How much is action going to reduce the shortage gap?		When is shortage response action anticipated to be implemented?	
			Enter Amount	(Drop-down List) Select % or Volume Unit	Start Month	End Month
<i>Add additional rows as needed</i>						
All	Improve Customer Billing	Yes	1	%		
All	Expand Public Information Campaign	Yes	1	%		
All	Landscape - Restrict or prohibit runoff from landscape irrigation	Yes	2	%		
All	Other - Prohibit use of potable water for washing hard surfaces	Yes	2	%		
All	Other - Require automatic shut of hoses	Yes	2	%		
2	CII - Lodging establishment must offer opt out of linen service	Yes	2	%		
2	CII - Restaurants may only serve water upon request	Yes	2	%		
2	Water Features - Restrict water use for decorative water features, such as fountains	Yes	1	%		
3	Landscape - Limit landscape irrigation to specific days	Yes	15	%		
3	Other	Yes	3	%		
4	Landscape - Limit landscape irrigation to specific days	No		%		
5	Other water feature or swimming pool restriction	No		%		
5	Water Features - Restrict water use for decorative water features, such as fountains	No		%		
5	Other - Prohibit use of potable water for construction and dust control	No		%		
5	Other - Prohibit vehicle washing except at facilities using recycled or recirculating water	No		%		
5	CII - Other CII restriction or prohibition	No		%		
6	Moratorium or Net Zero Demand Increase on New Connections	No		%		
NOTES: Other: Expand public awareness programs to schools; Level 3 Landscape Restrictions - Limit landscape irrigation to 3 days per week; Level 4 Landscape Restrictions - Limit landscape irrigation to 1 day per week; Other water feature or swimming pool restriction: Filling of new pools prohibited, topping off or refilling of existing pools with cover allowable						