

RESOLUTION 2023-18

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT TO ADOPT THE 2023-2024 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) due each year on July 1; 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, staff has analyzed potential water sources for the current / upcoming year (July 2023-June 2024) 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 June 14, 2023, the Board received a presentation of the draft Annual WSDA; and

WHEREAS, there have been no additional findings to warrant substantial changes to the Preliminary Annual Shortage Report and on June 22, 2023, 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 2023-2024 BCVWD Final Annual Water Supply and Demand Assessment and directs staff to submit the report to the Department of Water Resources.

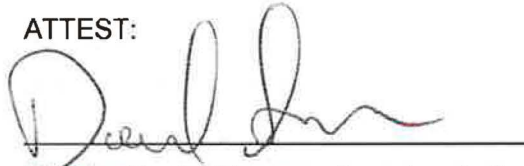
ADOPTED this 22 day of June, 2023, by the following vote:

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



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

ATTEST:



Director Daniel Slawson, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

Attachment: 2023-2024 BCVWD Final Annual Water Supply and Demand Assessment

Table 1. Annual Assessment Information

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2023
End: June 30,	2024
Supplier's Annual Assessment Planning Cycle	
Start Month:	JULY
End Month:	JUNE
Data Reporting Interval Used: MONTHLY	
Volume Unit for Reported Supply and Demand: AF	
<i>(Must use the same unit throughout)</i>	
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
(Add rows as needed)	

= From prior tables

= Auto calculated

Table 2: Water Demands¹

Use Type			Start Year:				2023	Volumetric Unit Used ² :								AF
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			877	337	1090	815	856	602	508	466	470	404	528	634	8347	
Multi-Family			20	46	23	43	18	39	14	36	15	33	15	42	344	
Commercial	Commercial/Institutional		143	160	134	149	106	111	59	85	55	77	63	138	1280	
Industrial			11	19	14	19	13	14	12	16	15	15	13	24	185	
Landscape			22	24	23	22	13	11	10	10	7	8	15	24	189	
Agricultural Irrigation			11	0	18	0	11	0	4	0	3	0	5	1	53	
Other Potable	Construction Grading Water		27	38	29	21	26	13	17	29	12	15	20	39	286	
															0	
															0	
															0	
Total by Month (Potable)			1111	1124	1331	1069	1043	790	724	642	577	552	759	952	10684	
Demands Served by Non-Potable Supplies																
Commercial	Commercial/Institutional - Non-Potable		0.49	0.43	0.45	0.49	0.59	0.33	0.24	0.14	0.26	0.13	0.3	0.34	4.19	
Landscape			223	246	266	218	130	117	75	78	53	52	130	135	1783	
															0	
															0	
															0	
Total by Month (Non-Potable)			223.49	246.43	266.45	218.49	130.59	117.33	75.24	78.14	63.26	52.13	130.3	185.34	1787.2	
Notes: Water Supplies greater than the Demands shown above may be recharged into the Adjudicated Beaumont Basin based on water availability and District's desire to purchase additional water.																
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 Supplies¹

Water Supply		Start Year: 2023				Volumetric Unit Used ² : AF													
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	Projected Water Supplies - Volume ³														Water Quality	Total Right or Safe Yield* (optional)		
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Supply Type					
Potable Supplies																			
Groundwater (not desal.)	Edgar Canyon Groundwater - No limit on pumping, typical yield between 1100-1400 AFY, however recent data shows an increase in pumping yield	131	122	114	123	119	117	111	113	119	144	147	140	1500					
Purchased/Imported Water	Table A Allocation (100%)	134	160	334	468	401	334	0	201	134	134	201	401	2901					
Purchased/Imported Water	Ventura (100%)	77	93	155	232	270	116	0	116	77	77	116	193	1522					
Purchased/Imported Water	Nickel Water (100%)	131	131	131	131	131	131	0	131	131	131	131	131	1445					
Purchased/Imported Water	Article 21 Water	500	500	500	0	0	0	0	0	0	0	0	0	1500					
Groundwater (not desal.)	Adjudicated Beaumont Basin Groundwater - Reallocated Unused Overlier Rights	152	152	152	152	152	152	168	168	168	168	168	168	1920					
Supply from Storage	Adjudicated Beaumont Basin Groundwater	0	0	0	0	0	0	450	0	0	0	0	0	450					
														0					
														0					
														0					
Total by Month (Potable)		1125	1159	1386	1106	1074	850	729	729	629	654	763	1034	11238		0			
Non-Potable Supplies																			
Groundwater (not desal.)	Adjudicated Beaumont Basin Groundwater (BCVWD Well 26)	159	159	148	136	108	58	51	49	35	56	122	132	1213					
Supply from Storage	Adjudicated Beaumont Basin	70	91	120	91	25	65	30	30	30	0	10	55	617					
														0					
														0					
														0					
Total by Month (Non-Potable)		229	250	268	227	133	123	81	79	65	56	132	187	1830		0			
Notes: It is assumed that there will be no Imported water from the State Water Project for the month of January to account for SWP maintenance. Supplies shown to be available may exceed the system capacity and could be subject to the capabilities of the SWP, therefore not all purchased/imported supplies may be delivered (and/or purchased) within this period. This may lead to carryover sometime in 2024. Total unrestricted imported supplies available = 30,500 AF, however a reduction of approximately 15% should be accounted for in Table A, Ventura Table A, and Nickel Water to allow for other nearby agencies to satisfy their respective water orders. This would yield an imported water supply available as 26,150 AF.																			
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
	= From prior tables
	= For manual input

Table 4(P): Potable Water Shortage Assessment ¹													
Start Year: 2023							Volumetric Unit Used ² :						AF
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total
Anticipated Unconstrained Demand	1111.0	1124.0	1331.0	1069.0	1043.0	790.0	724.0	642.0	577.0	552.0	759.0	962.0	10684.00
Anticipated Total Water Supply	1125.3	1158.5	1386.1	1106.1	1073.9	850.5	729.0	728.8	629.3	654.3	762.8	1033.5	11238.21
Surplus/Shortage w/o WSCP Action	14.3	34.5	55.1	37.1	30.9	60.5	5.0	86.8	52.3	102.3	3.8	71.5	554.2
% Surplus/Shortage w/o WSCP Action	1%	3%	4%	3%	3%	3%	1%	14%	9%	19%	1%	7%	5%
State Standard Shortage Level	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	14.3	34.5	55.1	37.1	30.9	60.5	5.0	86.8	52.3	102.3	3.8	71.5	554.2
% Revised Surplus/Shortage with WSCP	1%	3%	4%	3%	3%	3%	1%	14%	9%	19%	1%	7%	5%

¹Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

²Units of measure (AF, CCF, MG) must remain consistent.

³When 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 ¹													
Start Year: 2023							Volumetric Unit Used ² :						AF
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total
Anticipated Unconstrained Demand: Non-Potable	223.5	246.4	266.5	218.5	130.6	117.3	75.2	78.1	63.3	52.1	130.3	185.3	1,787.19
Anticipated Total Water Supply: Non-Potable	229.0	250.0	268.0	227.0	133.0	123.0	81.0	79.0	65.0	56.0	132.0	187.0	1,830.0
Surplus/Shortage w/o WSCP Action: Non-Potable	5.5	3.6	1.6	8.5	2.4	5.7	5.8	0.9	1.7	3.9	1.7	1.7	42.8
% Surplus/Shortage w/o WSCP Action: Non-Potable	2%	1%	1%	4%	2%	5%	8%	1%	3%	7%	1%	1%	2%
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation								0.0					
Benefit from WSCP: Demand Reduction								0.0					
Revised Surplus/Shortage with WSCP	5.5	3.6	1.6	8.5	2.4	5.7	5.8	0.9	1.7	3.9	1.7	1.7	42.8
% Revised Surplus/Shortage with WSCP	2%	1%	1%	4%	2%	5%	8%	1%	3%	7%	1%	1%	2%

¹Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

²Units of measure (AF, CCF, MG) must remain consistent.

³When 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.

[illegible]