RESOLUTION 2024-09

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT TO ADOPT THE 2024-2025 ANNUAL WATER SUPPLY AND DEMAND ASSESSMENT

WHEREAS, the Annual Water Supply and Demand Assessment (WSDA) is a 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 2024-June 2025) 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 23, 2024, 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 27, 2024, 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 2024-2025 BCVWD Final Annual Water Supply and Demand Assessment and directs staff to submit the report to the Department of Water Resources.

ADOPTED this 27 day of June, 2024, by the following vote:

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

ATTEST:

Director John Covington, President of the Board of Directors of the Beaumont-Cherry Valley Water District

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

Attachment: 2024-2025 BCVWD Final Annual Water Supply and Demand Assessment

Attachment 2 - BCVWD Annual Water Supply and Demand Assessment Tables (2024-2025)

Table 1. Annual Assessment Information	
Type of Supplier (Required to check one or two)	
Supplier is a Wholesaler	☐
Supplier is a Retailer	☐
If you are both a wholesaler and retailer, will you be submitting two separate reports or a combined report?	
Year Covered By This Shortage Report (Required)	
Start: July 1,	2024
End: June 30,	2025
Volume Unit for Reported Supply and Demand: *(Must use the same unit throughout)*	AF
Supplier's Annual Assessment Planning Cycle (Required)	
Start Month:	JULY
End Month:	JUNE
Data Interval:	Monthly (12 data points per year)
Water Supplier's Contact Information (Required)	
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.gov
Report Preparer's Contact Information *(if different from above)*	
Preparer's Organization Name:	
Preparer's Contact Name:	
Phone Number:	(XXX)XXX-XXXX
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	
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 Demands[1]

Use Type			Start Year:	2024			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			867	807	1,061	790	310	570	578	455	466	380	517	576	7,877
Multi-Family			21	44	24	41	18	37	13	35	15	29	13	36	326
Commercial	Commercial / Institutional		134	154	127	142	104	107	59	83	54	71	94	115	1,244
Industrial			14	18	15	19	12	14	11	16	15	13	11	20	178
Landscape			23	23	23	20	14	12	8	9	7	6	13	20	178
Agricultural irrigation			5	5	8	8	5	5	2	2	2	2	2	2	48
Other Potable	Construction Grading Water		24	34	25	17	22	11	15	23	10	12	14	29	236
															0
															0
															0
	Total by Month (Potable)		1,088	1,085	1,283	1,037	985	756	686	623	569	513	664	798	10,087
Demands Served by Non-Potable Supplies															
Commercial	Commercial / Institutional Non-Potable		0.8	0.7	0.9	0.8	0.9	0.7	0.3	0.3	0.3	0.1	0.5	0.6	6.7
Landscape			217.5	231.9	263.2	197.9	131.8	113.7	64.5	66.2	55.5	41.8	107.6	159.8	1551.4
															0
															0
															0
	Total by Month (Non-Potable)		218.3	232.6	264.1	198.7	132.7	114.4	64.8	66.5	55.8	41.9	108.1	160.4	1558.1

Notes: List considered factors impacting demands. Water Supplies greater than the Demands shown above will be recharged into the Adjudicated Beaumont Basin.

[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 Supply		Start Year:	2024				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 Drop-down List	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	119	107	102	110	108	106	102	101	111	132	133	128	1,359		
Purchased/Imported Water	Table A Allocation (40%)	629	629	629	629	629	629	0	629	629	629	629	630	6,920		
Purchased/Imported Water	Ventura (40%)	364	364	364	364	364	364	0	364	364	364	364	360	4,000		
Purchased/Imported Water	Nickel Water	155	155	155	155	155	155	0	155	155	155	155	150	1,700		
Purchased/Imported Water	Article 21 Water	0	0	0	0	0	0	0	0	0	0	0	0	0		
Purchased/Imported Water	Table A Allocation Carryover Water	0	0	0	0	0	0	0	0	0	0	0	0	0		
Purchased/Imported Water	Ventura Allocation Carryover Water	0	0	0	0	0	0	0	0	0	0	0	0	0		
Groundwater (not desal.)	Adjudicated Beaumont Basin Groundwater - Reallocated Unused Overlier Rights	172	172	172	172	172	172	163	163	163	163	163	163	2,010		
Supply from Storage	Adjudicated Beaumont Basin Groundwater	0	0	0	0	0	0	0	0	0	0	0	0	0		
														0		
	Total by Month (Potable)	1,439	1,427	1,422	1,430	1,428	1,426	265	1,412	1,422	1,443	1,444	1,431	15,989		0
Non-Potable Supplies																
Groundwater (not desal.)	Adjudicated Beaumont Basin Groundwater (BCVWD Well 26)	144	155	139	137	105	58	46	43	32	66	103	113	1141		
Supply from Storage	Adjudicated Beaumont Basin	87	87	87	87	0	0	0	0	0	0	87	87	522		
														0		
														0		
														0		
	Total by Month (Non-Potable)	231	242	226	224	105	58	46	43	32	66	190	200	1663		0

Notes: List hydrological and regulatory conditions, infrastructure capabilities, and plausible constraints which may impact the water supplies. It is assumed that there will be no imported water from the State Water Project for the month of January to account for facility maintenance.

[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: 2024						Volumetric Unit Used[2]:					AF	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand	1083.0	1085.0	1283.0	1037.0	985.0	756.0	686.0	623.0	569.0	513.0	664.0	798.0	10087.00
Anticipated Total Water Supply	1439.0	1427.0	1422.0	1430.0	1428.0	1426.0	265.0	1412.0	1422.0	1443.0	1444.0	1431.0	15989.00
Surplus/Shortage w/o WSCP Action	351.0	342.0	139.0	393.0	443.0	670.0	-421.0	789.0	853.0	930.0	780.0	633.0	5,902.0
% Surplus/Shortage w/o WSCP Action	32%	32%	11%	38%	45%	89%	-61%	127%	150%	181%	117%	79%	59%
State Standard Shortage Level	0	0	0	0	0	0	6	0	0	0	0	0	0
Planned WSCP Actions[4]													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	351.0	342.0	139.0	393.0	443.0	670.0	-421.0	789.0	853.0	930.0	780.0	633.0	5902.0
% Revised Surplus/Shortage with WSCP	32%	32%	11%	38%	45%	89%	-61%	127%	150%	181%	117%	79%	59%

[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.
[4]If you enter any WSCP Benefits, then you must enter the corresponding planned Actions into Table 5.

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(NP): Non-Potable Water Shortage Assessment[1]	Start Year: 2024						Volumetric Unit Used[2]:					AF	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand: Non-Potable	218.3	232.6	264.1	198.7	132.7	114.4	64.8	66.5	55.8	41.9	108.1	160.4	1,658.09
Anticipated Total Water Supply: Non-Potable	231.0	242.0	226.0	224.0	105.0	58.0	46.0	43.0	32.0	66.0	190.0	200.0	1,663.0
Surplus/Shortage w/o WSCP Action: Non-Potable	12.7	9.4	-38.1	25.3	-27.7	-56.4	-18.8	-23.5	-23.8	24.1	81.9	39.6	4.9
% Surplus/Shortage w/o WSCP Action: Non-Potable	5%	4%	-14%	13%	-21%	-49%	-29%	-35%	-43%	58%	76%	25%	0%
Planned WSCP Actions[4]													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	12.7	9.4	-38.1	25.3	-27.7	-56.4	-18.8	-23.5	-23.8	24.1	81.9	39.6	4.9
% Revised Surplus/Shortage with WSCP	5%	4%	-14%	13%	-21%	-49%	-29%	-35%	-43%	58%	76%	25%	0%

[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.
[4]If you enter any WSCP Benefits, then you must enter the corresponding planned Actions into Table 5.

Table 5: Planned Water Shortage Response Actions			July 1, 2024		to June 30, 2025	
Anticipated Shortage Level Drop-down List of **State Standard Levels** (1 - 6) and Level 0 (No Shortage)	**ACTIONS[1]: 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? **(Optional)**		When is shortage response action anticipated to be implemented[2]?	
			Enter Amount	*(Drop-down List) Select % or Volume Unit*	*Start Month*	*End Month*
Add additional rows as needed						
0 (No Shortage)	Improve Customer Billing	Yes	1	%		
0 (No Shortage)	Expand Public Information Campaign	Yes	1	%		
0 (No Shortage)	Landscape - Restrict or prohibit runoff from landscape irrigation	Yes	2	%		
0 (No Shortage)	Other - Prohibit use of potable water for washing hard surfaces	Yes	2	%		
0 (No Shortage)	Other - Require automatic shut of hoses	Yes	2	%		
NOTES: Notes Section to be used only for clarifying details, and not for listing specific actions. Actions must be entred into table rows above						

[1]If you plan Supply Augmentation Actions then you must enter WSCP Benefits from Supply Augmentation Actions into Table 4. If you plan Demand Reduction Actions then you must enter WSCP Benefits from Demand Reduction Actions into Table 4.

[2]If an Action is planned to be implemented in multiple non-contiguous periods of the year, please make separate entries on multiple rows for the same action spanning the different implementation periods.