



City of Napa 2025-26 Water Supply and Demand Assessment



Assessment Period July 2025 through June 2026
For Submission to California Department of Water Resources (DWR) by July 1, 2025

The City of Napa Water Supply and Demand Assessment for the period July 2025 through June 2026 is defined in the following tables as required by the California Department of Water Resources (DWR). This fourth annual assessment of anticipated demands and available water supplies must be submitted to DWR by July 1, 2025.

Water Demands. The water demand information in Table 2 represents baseline water demands inclusive of the City's permanent water waste regulations and conservation programs listed in Table 5. Demands reflect a very slight increase above 2024-25 actuals. Residential and commercial demand is expected to remain flat based on established post-drought conditions, while interruptible agricultural demand experiences a 5% increase due to new customers. The demands listed are unconstrained by additional actions that would be taken during an officially declared water shortage (Stage 1-6).

Water Supplies. The water supply information in Table 3 reflects continued improved post-drought scenarios for both local and imported sources. State Water Project supplies are bolstered by significant unused carryover water from previous years, and with a final 2025 North of Delta allocation of 70%, additional carryover supply will become available in 2026. State Water is limited during March due to North Bay Aqueduct annual maintenance. Winter storms filled the two local reservoirs for the third straight year. Lake Hennessey remains above 90% capacity as of June 2025. Due to operational constraints associated with a 36-inch transmission main replacement project, Lake Hennessey will be used more than usual in the second half of 2025. Milliken Reservoir will remain unused for the entire period, as the City replaces and hardens the raw water pipeline damaged in the 2017 Atlas Fire.

As shown in Table 4, the City of Napa projects no water shortages in 2025-26.

The City of Napa declared an end to its most recent water shortage emergency back in April 2023. Subsequently the City adopted permanent water waste regulations that remain in effect even when no water shortage is officially declared. Table 5 is a list of actions that the City continues to implement year-round.

While the current outlook is a welcome respite from the major 2020-2023 and 2013-2016 droughts, the City understands the volatility of California's climate and is committed to "Making Water Conservation a Way of Life" by meeting its water use targets under SB 606/AB 1668. Demand on the City water system is projected to remain well below 132 gallons per capita per day as required in its Urban Water Use Objective.

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,	2025
End: June 30,	2026
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:	City of Napa
Contact Name:	Patrick Costello
Contact Title:	Water Resources Analyst
Street Address:	1700 Second Street, Suite 100
ZIP Code:	94559
Phone Number:	(707)257-9309
Email Address:	pcostello@cityofnapa.org
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	City of Napa Water Shortage Contingency Plan
WSCP Adoption Date	12/21/2021
Other Annual Assessment Related Activities	
Activity	Timeline/ Outcomes / Links / Notes
Annual Assessment/ Shortage Report Title:	2025-26 Water Supply and Demand Assessment
Annual Assessment / Shortage Report Approval Date:	6/17/2025
Other Annual Assessment Related Activities:	Optional
(Add rows as needed)	

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Table 2: Water Demands ¹																
Use Type		Level of Treatment for Non-Potable Supplies Drop-down list	Projected Water Demands - Volume ³													
Start Year:	2025	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)		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Demand Type	
Demands Served by Potable Supplies																
All Demands			1460	1460	1380	1260	870	740	710	660	740	880	1170	1400	12730	
															0	
															0	
															0	
															0	
															0	
															0	
															0	
															0	
Total by Month (Potable)			1460	1460	1380	1260	870	740	710	660	740	880	1170	1400	12730	
Demands Served by Non-Potable Supplies																
															0	
															0	
															0	
															0	
Total by Month (Non-Potable)			0	0	0	0	0	0	0	0	0	0	0	0	0	
Notes: Monthly demands are estimated to be just slightly above 2024-25 actuals and include contracted volumes delivered to St. Helena. Residential and CII demand is projected to remain flat, while interruptible agricultural demand increases 5%. These baseline demands are inclusive of the City's permanent water waste regulations and conservation programs listed in Table 5. They are unconstrained by additional actions that would be taken during a declared shortage (Stage 1-6). 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

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ATTACHMENT 1

Table 4(P): Potable Water Shortage Assessment ¹													
Start Year: 2025							Volumetric Unit Used ² :						
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total
Anticipated Unconstrained Demand	1460.0	1460.0	1380.0	1260.0	870.0	740.0	710.0	660.0	740.0	880.0	1170.0	1400.0	12730.00
Anticipated Total Water Supply	2150.0	2250.0	2150.0	2500.0	1500.0	1500.0	1150.0	1150.0	1500.0	1750.0	1750.0	1900.0	21250.00
Surplus/Shortage w/o WSCP Action	690.0	790.0	770.0	1,240.0	630.0	760.0	440.0	490.0	760.0	870.0	580.0	500.0	8,520.0
% Surplus/Shortage w/o WSCP Action	47%	54%	56%	98%	72%	103%	62%	74%	103%	99%	50%	36%	67%
State Standard Shortage Level	0	0	0	0	0	0	0	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	690.0	790.0	770.0	1240.0	630.0	760.0	440.0	490.0	760.0	870.0	580.0	500.0	8520.0
% Revised Surplus/Shortage with WSCP	47%	54%	56%	98%	72%	103%	62%	74%	103%	99%	50%	36%	67%

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.

⁴If 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: 2025							Volumetric Unit Used ² :						
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total
Anticipated Unconstrained Demand: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Anticipated Total Water Supply: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Surplus/Shortage w/o WSCP Action: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action: Non-Potable													
Planned WSCP Actions ⁴													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP													

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.

⁴If 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, 2025	to June 30, 2026	
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)	Landscape - Limit landscape irrigation to specific times	Yes			July	June
0 (No Shortage)	Landscape - Restrict or prohibit runoff from landscape irrigation	Yes			July	June
0 (No Shortage)	Other - Prohibit use of potable water for washing hard surfaces	Yes			July	June
0 (No Shortage)	Other - Require automatic shut of hoses	Yes			July	June
0 (No Shortage)	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Yes			July	June
0 (No Shortage)	Offer Water Use Surveys	Yes			July	June
0 (No Shortage)	Provide Rebates for Turf Replacement	Yes			July	June
0 (No Shortage)	Provide Rebates for Landscape Irrigation Efficiency	Yes			July	June
0 (No Shortage)	Provide Rebates on Plumbing Fixtures and Devices	Yes			July	June
NOTES: Notes Section to be used only for clarifying details, and not for listing specific actions. Actions must be entered into table rows above.	Demand Reduction Actions listed above are permanent water waste regulations and conservation program offerings for the City of Napa. They remain in effect at all times, even when no water shortage is declared.					
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.						