

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 postdrought 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	\checkmark
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)	Ar
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)	

Table 2: Water Demands ¹															
Use Type				Start Year:		2025		Volu	metric Unit I	Jsed 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	hul	Projected Water Demands - Volume ³										lup	Total by Water
		iist	201	Aug	зер	001	NOV	Dec	2011	TED	Ividi	Арі	Ividy	Jun	Demand Type
Demands Served by Potable Supplies			1400	1400	1390	1200	070	740	710		740		1170	1400	12720
All Demands			1460	1460	1380	1260	870	/40	/10	660	/40	880	11/0	1400	12/30
															0
															0
															0
															0
															0
															Ő
															0
	Total by M	onth (Potable)	1460	1460	1380	1260	870	740	710	660	740	880	1170	1400	12730
Demands Served by Non-Potable Suppli	es		-	-			-		-		-		-		
															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 baseline demands are inclusive of the Cit	to be just slightly abov y's permanent water v	ve 2024-25 actu waste regulatio	als and inclue ns and conser	le contracted vation progra	volumes deliv ms listed in Ta	ered to St. He able 5. They ar	lena. Residen re unconstrair	tial and CII den ned by addition	mand is proje nal actions th	cted to remain at would be ta	n flat, while in ken during a o	terruptible ag declared short	ricultural dem age (Stage 1-6	and increases i).	5%. These
Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors. 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.															
	Ontinnal (fee compari		Ind	Aug	Con	Oct	Neu	Dec	lan	Eah	Mor	Anz	May	lum	Total
	Upuonai (for compar	stotal demand	Jul	Adg	sep	UCC	NOV	Dec	Jan	reb	INIGL	Apr	iviay	Jun	iotal
	Last years	s total domand													0
	Three years ago	total demand													0
	Inree years ago	total demand													0
	Four years ago	total demand													0

Table 3: Water Supplies ¹																
Water Supply		Start Year:		2025			Volu	metric 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	lut	Aug	Sep	Oct	Nov	Projected V Dec	Vater Suppli Jan	es - Volume ³ Feb	Mar	Apr	Мау	Jun	Total by Water Supply Type	Water Quality Drop-down List	Total Right or Safe Yield* (optional)
Potable Supplies		•		•		•	•	•	•	•	·	·				
Supply from Storage	Lake Hennessey	1100	1100	1100	1100	250	250	100	100	1000	700	700	750	8250		
Supply from Storage	Milliken Reservoir	1050	0	1050	0	1250	1250	0	1050	0	1050	0	1150	12000		
Furchased/imported water	State water Fluject	1050	1150	1030	1400	1230	1230	1050	1050	500	1050	1050	1150	13000		
														Ő		
														0		
														0		
														0		
														0		
Tot	tal by Month (Potable)	2150	2250	2150	2500	1500	1500	1150	1150	1500	1750	1750	1900	21250		0
Non-Potable Supplies																
		1	1	1	1	1	1	1		1		1	1	0	[
														0		
														0		
														0		
Total by	(Month (Non-Potable)	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Notes: Lake Hennessey supplies refl remain offline, awaiting FEMA appro	Total by Month (Non-Potable) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															
¹ Projections are based on best avail	able data at time of sub	mitting the r	eport and act	ual supply vol	umes could b	e different du	ue to many fa	ctors.								
² Units of measure (AF, CCF, MG) mu	ist remain consistent.															
³ When opting to provide other than	monthly volumes (bi-r	monthly, quai	rterly, or annu	ual), please se	e directions o	on entering da	ita for Project	ed Water Sup	oplies in the T	able Instructi	ons.					
Optional (for	comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total		
eAR Reporte	d Total Water Supplies													0		

Table 4(P): Potable Water Shortage Assessmer	nt ¹			Start Year:	2025		Volumetric U	nit Used ² :			AF		
	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%
¹ Assessments are based on best available data at time of su	bmitting the rep	oort and actual v	olumes 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 Tak	oles 2 and 3 use	the same colum	nns for data entry	and are reflecte	d properly in Table	e 4 and make su	re to use those	same columns to	o enter the ben	efits from Plann	ed WSCP Action	s. Please see dir	ections on the
shortage balancing exercise in the Table Instructions. If a sh	ortage is project	ted, the supplier	r is highly recomm	ended to perfo	rm a monthly anal	ysis to more acc	urately identify	the time of short	tage.				
⁴ If you enter any WSCP Benefits, then you must enter the co	orresponding pla	anned Actions in	to Table 5.										

											= Auto calcula	ted	
											= From prior t	ables	
											= For manual i	nput	
Table 4(NP): Non-Potable Water Shortage Assessment ¹ Start Year:								Volumetric U	nit Used ² :			AF	
	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													
¹ Assessments are based on best available data at time of su	bmitting the rep	ort and actual v	olumes could be o	different due to	many factors.								
² Units of measure (AF, CCF, MG) must remain consistent.													
³ When optional monthly volumes aren't provided, verify Tab	oles 2 and 3 use	the same colum	ns for data entry	and are reflecte	d properly in Table	e 4 and make su	re to use those :	ame columns t	o enter the bene	fits from Planne	ed WSCP Action	s. Please see dir	ections on the
shortage balancing exercise in the Table Instructions. If a sh	ortage is project	ed, the supplier	is highly recomm	ended to perfor	m a monthly analy	sis to more acc	urately identify	he time of shor	tage.				
⁴ If you enter any WSCP Benefits, then you must enter the co	prresponding pla	inned Actions int	to Table 5.										

Table 5: Planned Water	Shortage Response Actions		July 1,	2025	to June 30,	2026	
Anticipated Shortage Level Drop-down List of	ACTIONS ¹ : Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List)	Is action already being	How much is act reduce the sho (Optio	tion going to ortage gap? nal)	When is shortage response action anticipated to be implemented ² ?		
State Standard Levels (1 - 6) and Level 0 (No Shortage)	These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	implemented? (Y/N)	Enter Amount	(Drop-down List) Select % or Volume Unit	Start Month	End Month	
Add additional rows as need	ed						
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	
					ļ	ļ	
					ļ	ļ	
					ļ	ļ	
NOTES: Notes Section to be used only	Demand Reduction Actions listed above are City of Napa. They remain in effect at all tim	permanent wate es, even when n	er waste regulations o water shortage is	and conservati declared.	on program offe	rings for the	

for clarifying details, and not for listing specific actions.

Actions must be entred into

table rows above.

¹If 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.

²If 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.