



City of Palo Alto

Utilities Advisory Commission Staff Report

(ID # 14159)

Meeting Date: 6/8/2022

Report Type:

Title: Staff Recommends That the Utilities Advisory Commission Recommend the City Council Adopt the 2022 Annual Water Shortage Assessment Report

From: Director of Utilities

Lead Department: Utilities

REQUEST

Staff requests the Utilities Advisory Commission (UAC) recommend the City Council adopt the 2022 Annual Water Shortage Assessment Report.

EXECUTIVE SUMMARY

Beginning in 2022, every urban water supplier in California must conduct an Annual Water Supply and Demand Assessment as required by California Water Code Section 10632 (a). Each urban water supplier must also submit an Annual Water Shortage Assessment Report to the Department of Water Resources (DWR) on or before July 1, as required by California Water Code Section 10632.1. The City's Annual Water Shortage Assessment Report (Tables 1-5 below) shows that planned water conservation actions are anticipated to adequately address anticipated potable water supply shortages.

DWR will prepare a summary report on its review of the Annual Water Supply and Demand Assessment results and provide it to the State Water Resources Control Board (State Board) by September 30 each year. The DWR report will include water shortage information at the supplier level, as well as regional and statewide analysis of water conditions as required by California Water Code Section 10644 (c)(1)(B).

DISCUSSION

To prepare the 2022 Annual Water Shortage Assessment Report, staff followed the procedures outlined in its Water Shortage Contingency Plan, contained in Section 7 of the City's [2020 UWMP](#). Palo Alto's 2022 Annual Water Shortage Assessment Report uses the DWR-developed Optional Annual Assessment Tool format. This format includes the 5 tables shown below. Staff will submit the standard tables to DWR by July 1, 2022. "Table 1. Annual Assessment Information" (Table 1) provides required overview information. The remaining tables project water supply and demand for FY 2023 under continuing dry conditions, and identify shortages and actions to meet those shortages described in more detail below.

Potable

Palo Alto receives 100% of its potable water supply from the San Francisco Public Utilities Commission (SFPUC) Regional Water System. "Table 2: Water Demands" (Table 2) provides a demand projection for each month of FY 2023 while "Table 3: Water Supplies" (Table 3) provides a supply projection equal to the voluntary monthly water budgets SFPUC provided to Palo Alto. "Table 4(P): Potable Water Shortage Assessment" (Table 4(P)) compares projected FY 2023 demand with supply and finds that there is a

Water

projected shortage of 7%, or a total of 721 Acre Feet (AF), for FY 2023. This means Palo Alto is projected to remain in Stage 1 of the Water Shortage Contingency Plan (WSCP) for cutbacks up to 10% under the assumed dry conditions. “Table 5: Planned Water Shortage Response Actions” (Table 5) lists the demand reduction actions Palo Alto has implemented and plans to continue to implement throughout FY 2023. Staff estimates Palo Alto will be able to meet the shortage with the planned demand reduction actions. Table 5 shows the planned demand reduction actions listed using the required standard drop-down menus. Table 4(P) shows the water use reductions associated with the Table 5 demand reduction actions, bringing the revised shortage projection to 0% in each month of FY 2023.

Palo Alto has implemented action plans in past droughts, and during each one Palo Alto residents and businesses have collectively responded to the call for water conservation. In the recent drought of 2015-2017, Palo Alto responded to state-mandated potable water use restrictions by implementing the water restrictions in Stage II of its WSCP. While it is not possible to determine how much of the water conserved can be attributed to each of the specific water use reduction actions/measures imposed, the City exceeded the 24% cumulative reduction target for the June 1, 2015 through May 31, 2016 compliance period compared to calendar year 2013. To provide the estimates in Table 5, staff used professional judgment to develop the best available estimates showing that the implementation of the planned demand reduction actions will reduce demand enough to meet available supply.

Council implemented the actions shown in Table 5 through the permanent water use restrictions outlined in the Palo Alto Municipal Code Section 12.32.010 and in Stage 1 of the Water Shortage Contingency Plan (see Council Resolution 10022, March 7, 2022). On March 28, 2022, Governor Newsom issued Executive Order N-7-22 requiring the State Board to consider adopting emergency regulations by May 25, 2022 that require additional actions from urban retail water suppliers. Staff anticipates those additional actions will include requirements for urban water suppliers to submit to the Department of Water Resources a preliminary Annual Water Supply and Demand Assessment no later than June 1, 2022 and to implement Stage II of their Water Shortage Contingency Plans and implement, at a minimum, the demand reduction actions associated with a water shortage level of up to 20%. For Palo Alto, the additional water use restrictions in Stage II of Palo Alto’s Amended 2020 WSCP are:

- 1) Restaurants and other food service operations shall serve water to customers only upon request.
- 2) Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guestroom using clear and easily understood language.

Staff plans to submit a working draft of the Annual Water Supply and Demand Assessment to the Department of Water Resources on or before June 1, 2022. Staff plans to submit a recommendation to the City Council to implement Stage II of Palo Alto’s Amended 2020 Water Shortage Contingency Plan. Additionally, Santa Clara Valley Water District’s Board called to restrict ornamental landscape and lawn irrigation with potable water to no more than two days per week.¹ Staff plans to recommend to Council to restrict irrigation of ornamental landscape and lawn with potable water to two-days per week in Palo Alto, except as it may be required to ensure the health of trees and other perennial non-turf plantings. It is important to maintain the health of the urban canopy in Palo Alto because trees have numerous social and environmental benefits. For this reason, watering of ornamental landscapes or lawns where

¹ Resolution Amending Resolution No. 21-68 Rescinding Resolution 17-43, Declaring a Water Shortage Emergency Condition Calling for Water Use Restrictions, and Urging the County of Santa Clara to Proclaim a Local Emergency.

irrigation benefits the health of trees and other perennial non-turf plantings will be specifically excluded from staff's proposed two-day per week irrigation restriction. Table 5 includes staff's draft proposed water use restrictions. Once the State Board finalizes its emergency regulations, staff will return to Council if needed, with recommendations for implementing the required additional actions.

Non-Potable Water

For non-potable recycled water, Table 2 provides the demand projection and Table 3 notes that there is sufficient supply to meet Palo Alto's non-potable recycled water demand. For that reason, the supply is set to equal demand and there is no shortage of non-potable water projected in Table 4(NP), "Non Potable Water Shortage Assessment".

Table 1. Annual Assessment Information	
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:	City of Palo Alto
Contact Name:	Lisa Bilir
Contact Title:	Acting Senior Resource Planner
Street Address:	250 Hamilton Avenue, Palo Alto
ZIP Code:	94301
Phone Number:	(650)329-2543
Email Address:	lisa.bilir@cityofpaloalto.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	2020 Water Shortage Contingency Plan of the City of Palo Alto
WSCP Adoption Date	6/7/2021
Other Annual Assessment Related Activities (Optional)	
Activity	Timeline/ Outcomes / Links / Notes
Annual Assessment/ Shortage Report Title:	Optional
Annual Assessment / Shortage Report Approval Date:	6/13/2022
Other Annual Assessment Related Activities:	The 2020 Water Shortage Contingency Plan of the City of Palo Alto states that Palo Alto will utilize the BAWSCA Regional Reliability Model to evaluate water supply availability, however, the plan also permits the City to use SFPUC data since SFPUC is the City's sole supplier. Specifically, the 2020 Water Shortage Contingency Plan states: "Because Palo Alto relies on only one potable water supply source, SFPUC RWS water, the Annual Assessment will rely on key data inputs from the SFPUC." Palo Alto determined the best data to use for water supply is the monthly water budgets provided by SFPUC.
(Add rows as needed)	

= From prior tables
 = Auto calculated

Table 2: Water Demands¹

Use Type		Start Year:	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												Total by Water Demand Type
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Demands Served by Potable Supplies															
All Demands			1213	1105	1063	1031	810	689	648	534	650	855	1097	1080	10776
															0
															0
															0
															0
															0
															0
															0
															0
															0
Total by Month (Potable)			1213	1105	1063	1031	810	689	648	534	650	855	1097	1080	10776
Demands Served by Non-Potable Supplies															
All Demands		Tertiary	54	53	35	22	11	2	2	11	9	24	42	50	315
															0
															0
															0
															0
Total by Month (Non-Potable)			54	53	35	22	11	2	2	11	9	24	42	50	315
Notes: Potable unconstrained customer demand determined using the end-use model described in the 2020 UWMP Section 4. Non-potable unconstrained customer demand determined based on 2020 UWMP projection.															
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: 2022			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																
Purchased/Imported Water	San Francisco Public Utilities Commission Regional Water Supply System	1132	1031	992	962	756	643	605	498	606	798	1023	1007	10054		
														0		
														0		
														0		
														0		
														0		
														0		
														0		
														0		
														0		
														0		
														0		
														0		
Total by Month (Potable)		1132	1031	992	962	756	643	605	498	606	798	1023	1007	10054		0
Non-Potable Supplies																
Recycled Water	Recycled Water from the Regional Water Quality Control Plant	54	53	35	22	11	2	2	11	9	24	42	50	315		
														0		
														0		
														0		
														0		
														0		
														0		
														0		
														0		
Total by Month (Non-Potable)		54	53	35	22	11	2	2	11	9	24	42	50	315		0
Notes: Palo Alto purchases 100% of its potable water from SFPUC; SFPUC declared a water shortage emergency on November 23, 2021 and provided Palo Alto with voluntary monthly water budgets. Palo Alto supplies recycled water for irrigation of the municipal golf course, a park and some other minor applications; there is sufficient supply of recycled water to meet demand.																
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: 2022					Volumetric Unit Used ² :							AF	Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³		
Anticipated Unconstrained Demand	1,213	1,105	1,063	1,031	810	689	648	534	650	855	1,097	1,080	10,776	
Anticipated Total Water Supply	1,132	1,031	992	962	756	643	605	498	606	798	1,023	1,007	10,054	
Surplus/Shortage w/o WSCP Action	-81	-74	-71	-69	-54	-46	-43	-36	-43	-57	-73	-72	-721	
% Surplus/Shortage w/o WSCP Action	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	
State Standard Shortage Level	1	1	1	1	1	1	1	1	1	1	1	1	1	

Planned WSCP Actions														
Benefit from WSCP: Supply Augmentation														0.0
Benefit from WSCP: Demand Reduction	81	74	71	69	54	46	43	36	44	57	73	72	722	
Revised Surplus/Shortage with WSCP	0	0	0	0	0	0	0	0	0	0	0	0	1	
% Revised Surplus/Shortage with WSCP	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

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
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Table 4(NP): Non-Potable Water Shortage Assessment ¹	Start Year: 2022					Volumetric Unit Used ² :							AF	Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³		
Anticipated Unconstrained Demand: Non-Potable	54	53	35	22	11	2	2	11	9	24	42	50	315	
Anticipated Total Water Supply: Non-Potable	54	53	35	22	11	2	2	11	9	24	42	50	315	
Surplus/Shortage w/o WSCP Action: Non-Potable	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%	

Planned WSCP Actions														
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	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

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.

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>						
1	Expand Public Information Campaign	Yes	135	AF	July	June
1	Offer Water Use Surveys	Yes	32	AF	July	June
1	Provide Rebates on Plumbing Fixtures and Devices	Yes	32	AF	July	June
1	Provide Rebates for Landscape Irrigation Efficiency	Yes	32	AF	July	June
1	Provide Rebates for Turf Replacement	Yes	32	AF	July	June
1	Landscape - Restrict or prohibit runoff from landscape irrigation	Yes	17	AF	July	June
1	Landscape - Limit landscape irrigation to specific times	Yes	17	AF	July	June
1	Landscape - Prohibit certain types of landscape irrigation	Yes	32	AF	July	June
1	Landscape - Other landscape restriction or prohibition	Yes	32	AF	July	June
1	CII - Other CII restriction or prohibition	Yes	65	AF	July	June
1	Water Features - Restrict water use for decorative water features, such as fountains	Yes	17	AF	July	June
1	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Yes	17	AF	July	June
1	Other - Require automatic shut of hoses	Yes	17	AF	July	June
1	Other - Prohibit use of potable water for construction and dust control	Yes	17	AF	July	June
1	Other - Prohibit use of potable water for washing hard surfaces	Yes	32	AF	July	June
2	CII - Lodging establishment must offer opt out of linen service	No	45	AF	July	June
2	CII - Restaurants may only serve water upon request	No	45	AF	July	June
2	Landscape - Limit landscape irrigation to specific days	No	135	AF	July	June

NOTES: Table 5 shows the actions that Palo Alto plans to take based on the supply and demand assessment and that Palo Alto staff plan to recommend to the Palo Alto City Council as a result of Executive Order N-7-22 emergency regulations; Palo Alto has 8 permanent water use restrictions in the Palo Alto Municipal Code Section 12.32.010 https://codelibrary.amlegal.com/codes/paloalto/latest/paloalto_ca/0-0-0-69362#JD_Chapter12.32; Palo Alto's Amended Water Shortage Contingency Plan, as revised 3/7/22, Stage I, outlines 7 additional demand reduction actions. Palo Alto City Council implemented the Stage I actions on 3/7/22. Palo Alto's Amended Water Shortage Contingency Plan, as revised 3/7/22, Stage II outlines 2 additional demand reduction actions. Palo Alto staff plans to recommend to Palo Alto City Council to implement the 2 additional demand reduction actions in Stage II as well as adding a 2 day per week limit on ornamental landscape and lawn irrigation, except as needed for the health of trees and other perennial non-turf plantings. The Palo Alto City Council may approve staff's proposals or take a different action or no action.

TIMELINE

Upon review, discussion, and action by the UAC, staff will bring the Annual Water Shortage Assessment Report to the City Council to consider its adoption. California Water Code Section 10632.1 requires the Annual Water Shortage Assessment Report to be submitted to DWR by July 1 each year.

STAKEHOLDER ENGAGEMENT


Staff encourages interested parties to comment or provide feedback on the draft Annual Water Shortage Assessment Report at the UAC or Council meeting where the report will be discussed, or to submit written comments.

ENVIRONMENTAL IMPACT

Adoption of the 2022 Annual Water Shortage Assessment Report is exempt from California Environmental Quality Act's (CEQA) review pursuant to Water Code Section 10652.

Attachments:

- Attachment A: Presentation



**2022 Annual Water
Shortage Assessment
Report**
Utilities Advisory Commission

June 8, 2022

www.cityofpaloalto.org

Annual Water Shortage Assessment Report



- Beginning in 2022, every urban water supplier must:
 - 1) Conduct an Annual Water Supply and Demand Assessment; and
 - 2) Submit an Annual Water Shortage Assessment Report to the Department of Water Resources
- Required by the ***California Water Code Sections 10632(a) and 10632.1***
- Recommended Water Shortage Assessment Report consists of 5 tables showing that Palo Alto's existing and planned water conservation actions adequately address anticipated potable water supply shortages

Water Conservation Actions



- Water Supply and Demand Assessment identified potable water shortage of 721 Acre Feet or 7% in FY 2023
- Continued and planned implementation of water conservation actions projected to adequately address shortage:
 - Permanent Water Use Restrictions (Palo Alto Municipal Code Section 12.32.010)
 - Stage I Water Use Restrictions (Resolution 10022, March 7, 2022)
 - Staff draft proposed Stage II Water Use Restrictions per State Board Emergency Regulations and Governor's EO N-10-21
 - 2-day per week watering restriction for ornamental landscape and lawn, except as required to ensure the health of trees and other perennial non-turf plantings, consistent with county-wide calls

Potable Water Shortage Assessment



	= Auto calculated
	= From prior tables
	= 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	1,213	1,105	1,063	1,031	810	689	648	534	650	855	1,097	1,080	10,776									
Anticipated Total Water Supply	1,132	1,031	992	962	756	643	605	498	606	798	1,023	1,007	10,054									
Surplus/Shortage w/o WSCP Action	-81	-74	-71	-69	-54	-46	-43	-36	-43	-57	-73	-72	-721									
% Surplus/Shortage w/o WSCP Action	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%									
State Standard Shortage Level	1	1	1	1	1	1	1	1	1	1	1	1	1									
Planned WSCP Actions																						
Benefit from WSCP: Supply Augmentation														0.0								
Benefit from WSCP: Demand Reduction	81	74	71	69	54	46	43	36	44	57	73	72	722									
Revised Surplus/Shortage with WSCP	0	0	0	0	0	0	0	0	0	0	0	0	1									
% Revised Surplus/Shortage with WSCP	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%									

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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.

Planned Water Shortage Response Actions



Table 5: Planned Water Shortage Response Actions		July 1, 2022			to June 30, 2023	
Anticipated Shortage Level	ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List)	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?	
Drop-down List of 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.		Enter Amount	(Drop-down List) Select % or Volume Unit	Start Month	End Month
<i>Add additional rows as needed</i>						
1	Expand Public Information Campaign	Yes	135	AF	July	June
1	Offer Water Use Surveys	Yes	32	AF	July	June
1	Provide Rebates on Plumbing Fixtures and Devices	Yes	32	AF	July	June
1	Provide Rebates for Landscape Irrigation Efficiency	Yes	32	AF	July	June
1	Provide Rebates for Turf Replacement	Yes	32	AF	July	June
1	Landscape - Restrict or prohibit runoff from landscape irrigation	Yes	17	AF	July	June
1	Landscape - Limit landscape irrigation to specific times	Yes	17	AF	July	June
1	Landscape - Prohibit certain types of landscape irrigation	Yes	32	AF	July	June
1	Landscape - Other landscape restriction or prohibition	Yes	32	AF	July	June
1	CII - Other CII restriction or prohibition	Yes	65	AF	July	June
1	Water Features - Restrict water use for decorative water features, such as fountains	Yes	17	AF	July	June

Table 5 Continued

1	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Yes	17	AF	July	June
1	Other - Require automatic shut of hoses	Yes	17	AF	July	June
1	Other - Prohibit use of potable water for construction and dust control	Yes	17	AF	July	June
1	Other - Prohibit use of potable water for washing hard surfaces	Yes	32	AF	July	June
2	CII - Lodging establishment must offer opt out of linen service	No	45	AF	July	June
2	CII - Restaurants may only serve water upon request	No	45	AF	July	June
2	Landscape - Limit landscape irrigation to specific days	No	135	AF	July	June

NOTES: Table 5 shows the actions that Palo Alto plans to take based on the supply and demand assessment and that Palo Alto staff plan to recommend to the Palo Alto City Council as a result of Executive Order N-7-22 emergency regulations; Palo Alto has 8 permanent water use restrictions in the Palo Alto Municipal Code Section 12.32.010 https://codelibrary.amlegal.com/codes/paloalto/latest/paloalto_ca/0-0-0-69362#JD_Chapter12.32; Palo Alto's Amended Water Shortage Contingency Plan, as revised 3/7/22, Stage I, outlines 7 additional demand reduction actions. Palo Alto City Council implemented the Stage I actions on 3/7/22. Palo Alto's Amended Water Shortage Contingency Plan, as revised 3/7/22, Stage II outlines 2 additional demand reduction actions. Palo Alto staff plans to recommend to Palo Alto City Council to implement the 2 additional demand reduction actions in Stage II as well as adding a 2 day per week limit on ornamental landscape and lawn irrigation, except as needed for the health of trees and other perennial non-turf plantings. The Palo Alto City Council may approve staff's proposals or take a different action or no action.

RECOMMENDED MOTION



The Utilities Advisory Commission recommends Council adopt the 2022 Annual Water Shortage Assessment Report.



CITY OF
**PALO
ALTO**

Questions
