

September 21, 2022

MEETING NOTICE

WATER CONSERVATION AND DEMAND MANAGEMENT COMMITTEE

Members of the Water Conservation and Demand Management Committee:

Director Nai Hsueh, Committee Vice Chair
Director Barbara F. Keegan
Director Linda J. LeZotte, Committee Chair

Staff Support of the Water Conservation and Demand Management Committee:

Rick L. Callender, Esq., Chief Executive Officer
Melanie Richardson, Assistant Chief Executive Officer
Aaron Baker, Chief Operating Officer, Water Utility
Rachael Gibson, Chief of External Affairs
J. Carlos Orellana, District Counsel
Gregory Williams, Deputy Operating Officer, Raw Water Division
Vincent Gin, Deputy Operating Officer, Water Supply Division
Sam Bogale, Deputy Operating Officer, Treated Water Operations & Maintenance Division
Marta Lugo, Assistant Officer, Office of Government Relations
Bart Broome, Assistant Officer, Office of Government Relations
Antonio Alfaro, Government Relations Advocate, Office of Government Relations
Kirsten Struve, Assistant Officer, Water Supply Division
Vanessa De La Piedra, Groundwater Management Manager, Groundwater Monitoring and Analysis Unit
Metra Richert, Unit Manager of the Water Supply Planning and Conservation Unit
Samantha Greene, Senior Water Resources Specialist, Water Supply Planning & Conservation Unit
Jing Wu, Senior Water Resources Specialist, Water Supply Planning & Conservation Unit
Justin Burks, Senior Water Conservation Specialist, Water Supply Planning & Conservation Unit

The special meeting of the Water Conservation and Demand Management Committee is scheduled to be held on **Wednesday, September 28, 2022, at 10:00 a.m., in the Headquarters Building Boardroom, 5700 Almaden Expressway, San Jose, CA 95118.**

The meeting agenda and corresponding materials are located on our website:
<https://www.valleywater.org/how-we-operate/committees/board-advisory-committees>

Water Conservation and Demand Management Committee Meeting

Public and non-presenting staff Join Zoom Meeting
<https://valleywater.zoom.us/s/92597340524>

Meeting ID: 925 9734 0524

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Dial by your location

+1 669 900 9128 US (San Jose)

Meeting ID: 925 9734 0524



Santa Clara Valley Water District Water Conservation and Demand Management Committee

**HQ Building Boardroom
5700 Almaden Expressway
San Jose CA 95118**

SPECIAL MEETING AGENDA

**Wednesday, September 28, 2022
10:00 AM**

District Mission: Provide Silicon Valley safe, clean water for a healthy life, environment and economy.

BOARD REPRESENTATIVES:

Director Nai Hsueh, Committee Vice Chair
Director Barbara F. Keegan
Director Linda J. LeZotte, Committee Chair

All public records relating to an item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the Office of the Clerk of the Board at the Santa Clara Valley Water District Headquarters Building, 5700 Almaden Expressway, San Jose, CA 95118, at the same time that the public records are distributed or made available to the legislative body. Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to attend Board of Directors' meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

Mr. Vincent Gin
Ms. Kirsten Struve
(Staff Liaisons)

Ms. Glenna Brambill, (COB Liaison)
Management Analyst II
gbrambill@valleywater.org
1-408-630-2408

Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

Santa Clara Valley Water District
Water Conservation and Demand Management Committee
SPECIAL MEETING
AGENDA

Wednesday, September 28, 2022

10:00 AM

HQ Building Boardroom

*****IMPORTANT NOTICES AND PARTICIPATION INSTRUCTIONS*****

Santa Clara Valley Water District (Valley Water) Board of Directors/Board Committee meetings are held as a “hybrid” meetings, conducted in-person as well as by telecommunication, and is compliant with the provisions of the Ralph M. Brown Act.

To maximize public safety while still maintaining transparency and public access, members of the public have an option to participate by teleconference/video conference or attend in-person. To observe and participate in the meeting by teleconference/video conference, please see the meeting link located at the top of the agenda. If attending in-person, you are required to comply with Ordinance 22-03 - AN ORDINANCE OF THE SANTA CLARA VALLEY WATER DISTRICT SPECIFYING RULES OF DECORUM FOR PARTICIPATION IN BOARD AND COMMITTEE MEETINGS located at <https://s3.us-west-2.amazonaws.com/valleywater.org.if-us-west-2/f2-live/s3fs-public/Ord.pdf>

In accordance with the requirements of Gov. Code Section 54954.3(a), members of the public wishing to address the Board/Committee at a video conferenced meeting, during public comment or on any item listed on the agenda, should use the “Raise Hand” tool located in the Zoom meeting link listed on the agenda, at the time the item is called. Speakers will be acknowledged by the Board Chair in the order requests are received and granted speaking access to address the Board.

Valley Water, in complying with the Americans with Disabilities Act (ADA), requests individuals who require special accommodations to access and/or participate in Valley Water Board of Directors/Board Committee meetings to please contact the Clerk of the Board’s office at (408) 630-2711, at least 3 business days before the scheduled meeting to ensure that Valley Water may assist you.

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has not been prepared with a view to informing an investment decision in any of Valley Water’s bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of Valley Water’s bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board’s Electronic Municipal Market

Access System for municipal securities disclosures and Valley Water's Investor Relations website, maintained on the World Wide Web at <https://emma.msrb.org/> and <https://www.valleywater.org/how-we-operate/financebudget/investor-relations>, respectively.

Under the Brown Act, members of the public are not required to provide identifying information in order to attend public meetings. Through the link below, the Zoom webinar program requests entry of a name and email address, and Valley Water is unable to modify this requirement. Members of the public not wishing to provide such identifying information are encouraged to enter "Anonymous" or some other reference under name and to enter a fictional email address (e.g., attendee@valleywater.org) in lieu of their actual address. Inputting such values will not impact your ability to access the meeting through Zoom.

Join Zoom Meeting:
<https://valleywater.zoom.us/j/92597340524>
Meeting ID: 925 9734 0524

Join by Phone:
1 (669) 900 9128,925 9734 0524#

1. CALL TO ORDER:

1.1. Roll Call.

2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA.

Notice to the Public: Members of the public who wish to address the Committee on any item not listed on the agenda should access the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in order requests are received and granted speaking access to address the Committee. Speakers comments should be limited to two minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Committee may take action on any item of business appearing on the posted agenda.

3. APPROVAL OF MINUTES:

3.1. Approval of Minutes.

[22-1089](#)

Recommendation: Approve the August 29, 2022, Meeting Minutes

Manager: Candice Kwok-Smith, 408-630-3193

Attachments: [Attachment 1: 08292022 WCaDMC DRAFT Mins](#)

Est. Staff Time: 5 Minutes

4. REGULAR AGENDA:

- 4.1. Monthly update on progress towards achieving Valley Water's water use reduction target and water conservation efforts related to the drought emergency. [22-1090](#)

Recommendation: Receive an update on progress towards meeting the Board's call for water use reduction in response to the water shortage emergency condition and water conservation efforts relevant to the overall drought emergency response, and provide feedback to staff.

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint Presentation](#)
[Attachment 2: August Drought Response Report](#)

Est. Staff Time: 20 Minutes

- 4.2. Standing Items Report. [22-1091](#)

Recommendation: A. This agenda item allows the Committee to receive verbal or written updates and discuss the below subjects. These items are generally informational; however, the Committee may request additional information from staff:

B. This is informational only and no action is required.
Staff may provide a verbal update at the 9/28/2022, meeting if there is reportable/updated information.

1. Sustainable Groundwater Management Act (SGMA)
2. Flood MAR
3. Agricultural Water Use Baseline Study

Manager: Candice Kwok-Smith, 408-630-3193

Est. Staff Time: 10 Minutes

- 4.3. Review Water Conservation and Demand Management Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda. [22-1092](#)

Recommendation: Review the Committee work plan to guide the committee's discussions regarding policy alternatives and implications for Board deliberation.

Manager: Candice Kwok-Smith, 408-630-3193

Attachments: [Attachment 1: 2022 WCaDMC Work Plan](#)

Est. Staff Time: 5 Minutes

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.

6. ADJOURN:

6.1. Adjourn to Regular Meeting at 11:00 a.m., Monday, October 24, 2022.

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Santa Clara Valley Water District

File No.: 22-1089

Agenda Date: 9/28/2022

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Water Conservation and Demand Management Committee

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the August 29, 2022, Meeting Minutes

SUMMARY:

A summary of Committee discussions, and details of all actions taken by the Committee, during all open and public Committee meetings, is transcribed and submitted for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into the District's historical records archives and serve as historical records of the Committee's meeting.

ATTACHMENTS:

Attachment 1: 08292022 WCaDMC Draft Minutes

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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WATER CONSERVATION AND DEMAND MANAGEMENT COMMITTEE MEETING

DRAFT MINUTES

MONDAY, AUGUST 29, 2022

A special meeting of the Water Conservation and Demand Management Committee was held on August 29, 2022, at Santa Clara Valley Water District, Headquarters Building Boardroom, 5700 Almaden Expressway, in San Jose, California.

1. CALL TO ORDER

Committee Chair Director Linda J. LeZotte called the meeting to order at 3:03 p.m.

1.1. ROLL CALL

Committee Board Members in attendance were: Committee Vice Chair, Director Nai Hsueh (District 5), Director Barbara F. Keegan (District 2), and Committee Chair, Director Linda J. LeZotte (District 4) establishing a quorum.

Staff members in attendance were: Joseph Aranda, Aaron Baker, Audrey Beaman, Roseryn Bhudsabourg, Neeta Bijoor, Sam Bogale, Glenna Brambill, Justin Burks, Theresa Chinte, Vanessa De La Piedra, Phil Dolan, Anthony Fulcher, Paola Giles, Vincent Gin, Samantha Greene, Andrew Gschwind, Jason Gurdak, Linh Hoang, Candice Kwok-Smith, Michael Martin, Carlos Orellana, Colin Resch, Don Rocha, Mary Samar, Ashley Shannon, Gregory Williams, and Jing Wu.

Guest Agencies in attendance were: Michael Bolzowski (California Water Service Company), Brian Boyer (Cinnabar Hills Golf Club), Tim Guster (Great Oaks Water Company), Katja Irvin (Sierra Club Loma Prieta Chapter), and Bill Tuttle and John Tang (San Jose Water Company-SJWC).

Public in attendance were: Arthur M. Keller, Ph.D., Nathan Metcalf, Doug Muirhead, and Julia Nussbaum.

2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON AGENDA

There was no one present who wished to speak.

3. APPROVAL OF MINUTES

3.1 APPROVAL OF MINUTES

It was moved by Director Nai Hsueh, seconded by Director Barbara F. Keegan, and carried unanimously, to approve the minutes of the July 25, 2022, Water Conservation and Demand Management Committee meeting as presented.

Attachment 1
Page 1 of 4

4. ACTION ITEMS

4.1. MONTHLY UPDATE ON PROGRESS TOWARDS ACHIEVING VALLEY WATER'S WATER USE REDUCTION TARGET AND WATER CONSERVATION EFFORTS RELATED TO THE DROUGHT EMERGENCY

Neeta Bijoor reviewed the materials as outlined in the agenda items.

The Water Conservation and Demand Management Committee discussed the following: Ordinance's old and new language, violation reporting/occurrences, conservation progress, savings information, commending the residents adhering to conservation, filling of percolation ponds (recharging groundwater), and the committee thanked staff for doing a wonderful job. (Handouts on the Ordinance were distributed and can be found on the committee web page)

Aaron Baker was available to answer questions.

Public Comment:

Dr. Arthur Keller suggested adding an "and" to the first violation portion of the Ordinance.

The Water Conservation and Demand Management Committee took the following action: It was moved by Director Barbara F. Keegan, seconded by Director Nai Hsueh, and carried unanimously, staff's recommendation that the Board consider adopting the First Amended and Restated Ordinance 22-02.

4.2. DROUGHT RESPONSE PLAN - DRAFT VULNERABILITY ASSESSMENT

Michael Martin reviewed the materials as outlined in the agenda items.

The Water Conservation and Demand Management Committee discussed the following: questions on the mitigation action summary, costs, impacts, rates and having some thought-provoking discussions, water quality, emerging contaminants, projects possibly having a 1-project focus, and a suggestion was made to have an internal/contract economic analyst on board to give a different perspective on water.

Samantha Greene, Aaron Baker, and Vanessa De La Piedra were available to answer questions.

The Water Conservation and Demand Management Committee took no action

4.3 STANDING ITEMS REPORT

Committee Chair Director Linda J. LeZotte reviewed the materials as outlined in the agenda items.

1. Sustainable Groundwater Management Act (SGMA)
There was no verbal update.

Samantha Greene reported on:

2. Flood Mar
 - Expect to finish our study with UC Water in December

- Received initial draft of tool that evaluates potential areas for implementation and draft report of institutional considerations for program implementation
 - Staff are currently reviewing those draft products and plans to present the refined draft versions to committees in the fall for feedback
 - FloodMAR is of interest at the state level and so staff is also looking out for potential grant opportunities that could help support a pilot project and/or program implementation
3. Ag Water use baseline study:
- Expect to finish our study with UC Merced in December
 - Received draft report and provided comments
 - Will present draft report to committees in fall
 - Draft report currently finds:
 - ✓ agriculture is mostly efficient in our county
 - ✓ Limited data on greenhouse and nursery irrigation practices. While greenhouse and nursery irrigation is a small percentage of the total irrigation used in the county, there is an opportunity for understand their water usage more and increase efficiency in those sectors
 - ✓ Improvements could be made with better metering, but the improvements may not be worth the cost per the recent study performed by Darin's group
 - ✓ Expand soil moisture metering

The Water Conservation and Demand Management Committee took no action.

4.4 REVIEW WATER CONSERVATION AND DEMAND MANAGEMENT COMMITTEE WORK PLAN, THE OUTCOMES OF BOARD ACTION OF COMMITTEE REQUESTS; AND THE COMMITTEE'S NEXT MEETING AGENDA

Glenna Brambill reviewed the materials as outlined in the agenda items.

It was noted that on August 23, 2022, the Board approved the Committee's recommendation to plan the Water Supply Master Plan (WSMP)/Monitoring and Assessment Program (MAP) Workshop.

The September Agenda Items will be discussed with staff.

The Committee's next scheduled meeting was changed to September 28, 2022, 10:00 a.m.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE'S REQUESTS

Glenna Brambill stated there was one action item for Board consideration.

Agenda Item 4.1

The Water Conservation and Demand Management Committee took the following action:

The Committee unanimously approved staff's recommendation that the Board consider adopting the First Amended and Restated Ordinance 22-02.

6. ADJOURNMENT

Committee Chair Director Linda J. LeZotte adjourned at 4:06 p.m., to the next scheduled meeting.

Glenna Brambill
Board Committee Liaison
Office of the Clerk of the Board

Approved:



Santa Clara Valley Water District

File No.: 22-1090

Agenda Date: 9/28/2022

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Water Conservation and Demand Management Committee

SUBJECT:

Monthly update on progress towards achieving Valley Water's water use reduction target and water conservation efforts related to the drought emergency.

RECOMMENDATION:

Receive an update on progress towards meeting the Board's call for water use reduction in response to the water shortage emergency condition and water conservation efforts relevant to the overall drought emergency response, and provide feedback to staff.

SUMMARY:

On June 9, 2021, the Board adopted Santa Clara Valley Water District (Valley Water) Resolution 21-68 which declared a water shortage emergency condition pursuant to California Water Code §350, called for water use reduction of 15% compared to 2019, and urged the County of Santa Clara (County) to proclaim a local emergency. The County ratified its proclamation of a drought emergency on June 22, 2021. Valley Water Resolution 22-20 amended Valley Water Resolution 21-68 on April 12, 2022, to call for no more than 2 days of irrigation in a week for ornamental lawns and prohibit excessive runoff, midday irrigation, and irrigation after rainfall. On May 24, 2022, the Board pursuant to Water Code §375 adopted Ordinance 22-02 to enforce these restrictions. Ordinance 22-02 went into effect on June 1, 2022 and was amended on September 13, 2022, to include the State's watering ban on watering non-functional turf at Commercial, Industrial, and Institutional (CII) properties.

In 2022, Santa Clara County (County) and the State of California entered the third year of drought, and experienced the driest January, February and March on record. Valley Water's Federal and State imported water allocations were drastically reduced to historic lows. On March 28, 2022, Governor Gavin Newsom issued Executive Order N-7-22 to call on local water suppliers to move to at least Stage 2 of their water shortage contingency plans. The U.S. Drought Monitor Report from September 8, 2022, indicates that the county is in severe drought. The northern Sierra Nevada snowpack, a primary source of Valley Water's imported water, is 16% of normal as of June 13, 2022. Staff will provide updates regarding latest drought conditions.

Despite ongoing drought conditions, groundwater levels are stabilizing or increasing in some areas of the county because of recent increases in managed recharge (made possible by emergency imported water supplies) and ongoing water conservation by the community. Other areas in the county continue to have declines in water levels.

Conservation is an important strategy to help reach the Board's 15% call for water use reduction and

mitigate against negative impacts.

Water Conservation Outreach

Valley Water's "Say Yes" water conservation campaign continues. In August, the next phase of the multilingual "Say Yes to Saving Water" campaign started running on Valley Transit Authority (VTA) buses; audio and video streaming platforms; and digital and social media. Valley Water installed "Say Yes to Saving Water" banners on its main campus and is deploying 50 banners across Santa Clara County. Our fleet now features magnetic water conservation signs. In addition to sharing a 30-second "Say Yes to Saving Water" video on our social platforms in English and Spanish, a Vietnamese version is now running. A campaign has begun on NTD (Chinese TV) featuring a 30-second advertisement and news integrations for "Say Yes." An outdoor water survey animation featuring H2Cool was shared on all social platforms.

Through partnerships with the Cities of Palo Alto and Santa Clara, banners will be displayed on main thoroughfares and public buildings. We have also offered co-branded CII materials, including yard signs, and the Cities of Sunnyvale and Mountain View will equip inspectors with samples of our CII water savings messaging materials for restaurants and hotels.

Water Conservation Programs

Valley Water is actively promoting ways people can save water through Valley Water's rebates and free water-saving devices, as well as encourage people to adjust their behavior regarding water usage. The Landscape Rebate Program continues to see a high application rate with an increase of 28% more applications received in August versus July. Valley Water hosted a webinar in August focusing on Alternative Water Solutions: Graywater Reuse and Rainwater Collection with 133 attendees on Zoom and Facebook Live.

Countywide Water Use Reduction

Valley Water's water savings call of 15% compared to 2019 was exceeded in July 2022. Countywide water savings was 16% in July 2022 compared to July 2019. This shows that our water conservation programs, our enforcement program launched in June, and our increased public outreach have all been effective in helping us achieve savings.

Countywide water savings was 19% in July 2022 compared to July 2020, which means the county also exceeded the Governor's call for conservation (15% compared to 2020). California's water savings in July 2022 was 10% compared to July 2020.

Santa Clara County's cumulative water savings from June 2021 - July 2022 is 4%, compared to 2019. Using a 2020 baseline, Santa Clara County's cumulative water savings from July 2021 - July 2022 is 10%, while California's cumulative water savings during this period is 3%.

Water Waste Enforcement

Valley Water's Water Waste Program is continuing its educational mission while enforcing mandatory outdoor water use restrictions. Valley Water is addressing these complaints and coordinating with

water retailers and municipalities on enforcement efforts. Over 1,000 water waste complaints were received since enforcement of Ordinance 22-02 was launched in June. Runoff continues to be the most common complaint. Enforcement has been successful as there have been only two complaints of water waste following the first complaint, which suggests that people are addressing their water waste following the first complaint.

First Amended and Restated Ordinance 22-02

Effective June 10, 2022, CII non-functional turf must not be irrigated in California under regulations adopted by the State Water Resources Control Board. In the First Amended and Restated Ordinance (An Ordinance of Santa Clara Valley Water District Adopting Drought Outdoor Water Conservation and Enforcement Measures) passed by the Valley Water Board on September 13, 2022, the restriction against watering CII non-functional turf was added to the list of enforceable water use restrictions by Valley Water. In addition, the First Amended and Restated Ordinance includes refined procedures to coordinate with retailers in Valley Water's enforcement process in order to avoid duplication of enforcement steps by Valley Water or retailers.

Groundwater Wells

Since the onset of the current drought, a total of 8 dry wells have been reported, all in locations close to the foothills where groundwater yield is generally less reliable. As these are domestic wells, there may be impacts to drinking water supplies for these homes. Valley Water works to provide affected well owners with appropriate assistance, including information on available resources or billing support as needed.

ATTACHMENTS:

Attachment 1: PowerPoint

Attachment 2: August 2022 Drought Response Report

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138

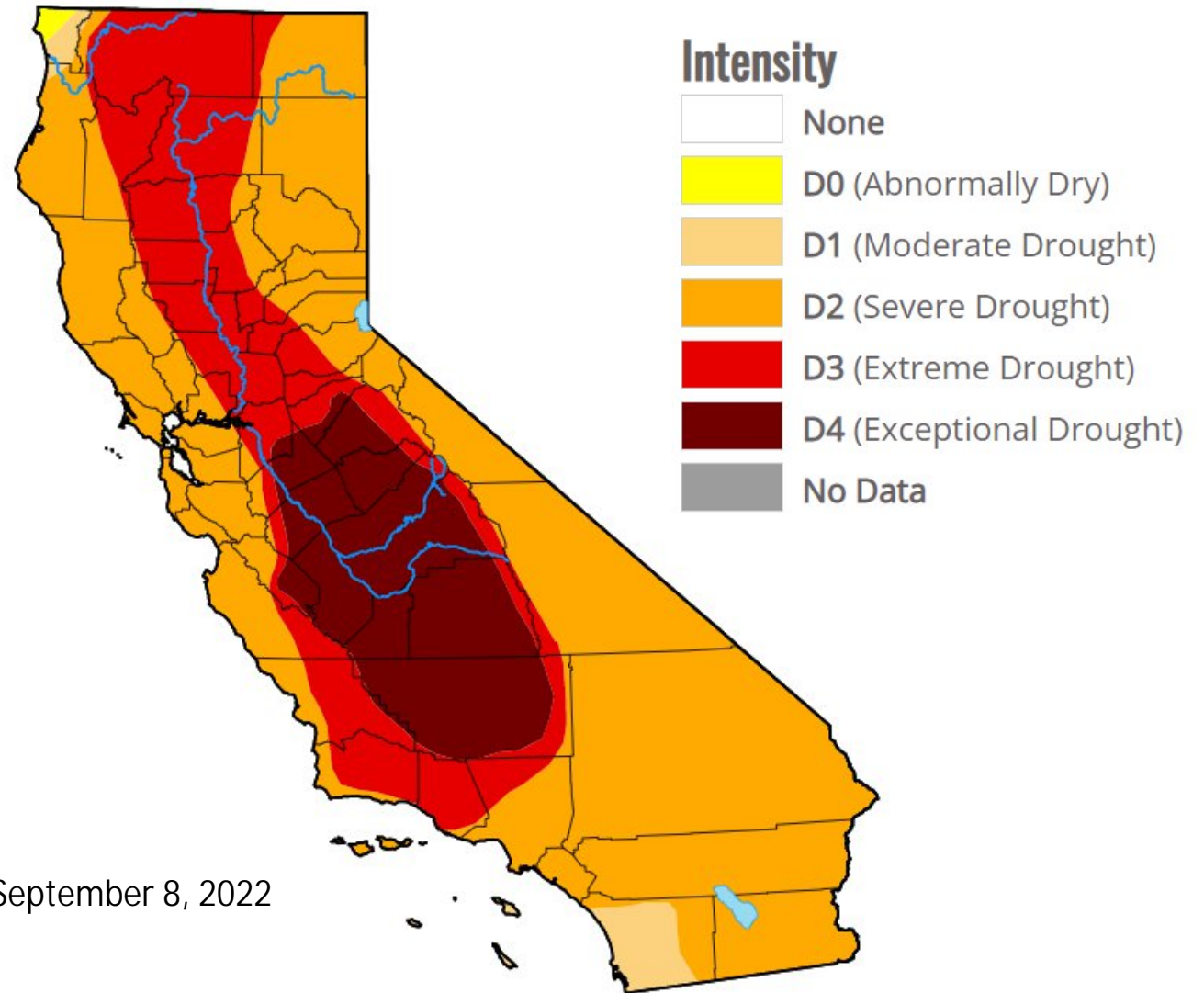
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Monthly Drought Emergency Response and Water Supply Update

Water Conservation and Demand Management Committee
September 28, 2022

Severe Drought

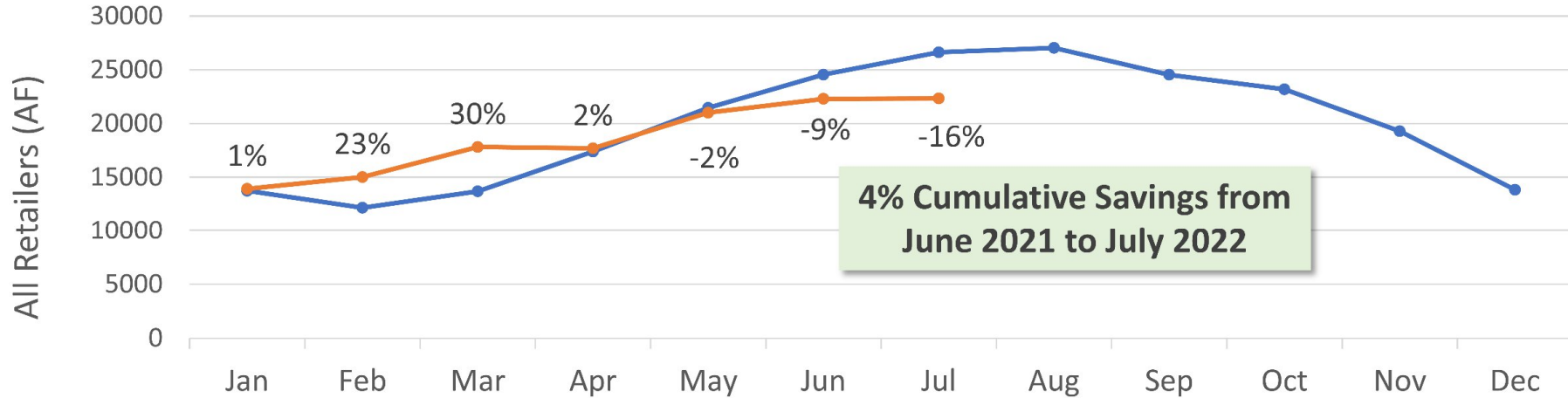


Data source: U.S. Drought Monitor, September 8, 2022

Countywide Water Savings

— 2019 — 2022

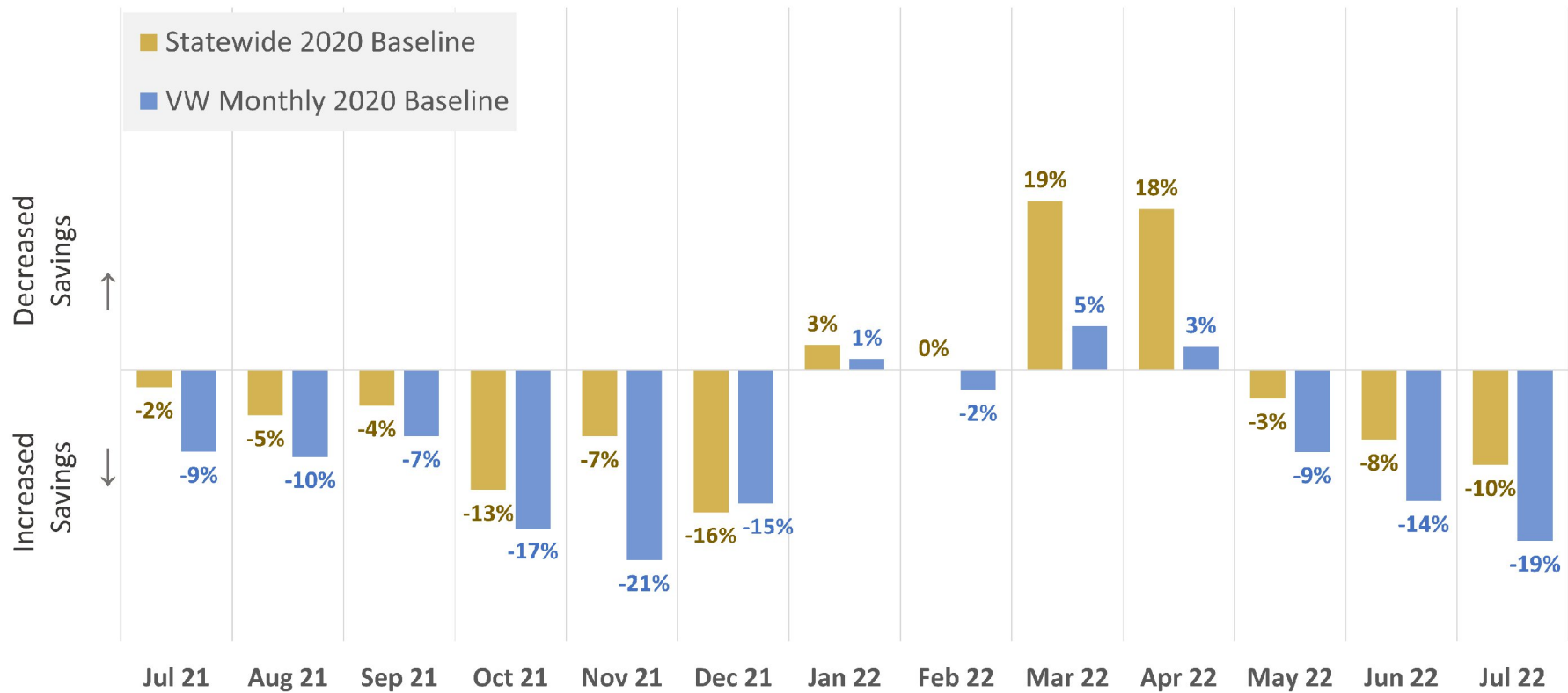
The percent increase (+) or percent decrease (-) in water use from 2019 to 2022 is shown for each month.



Valley Water's call for 15% savings compared to 2019 was exceeded in July 2022.

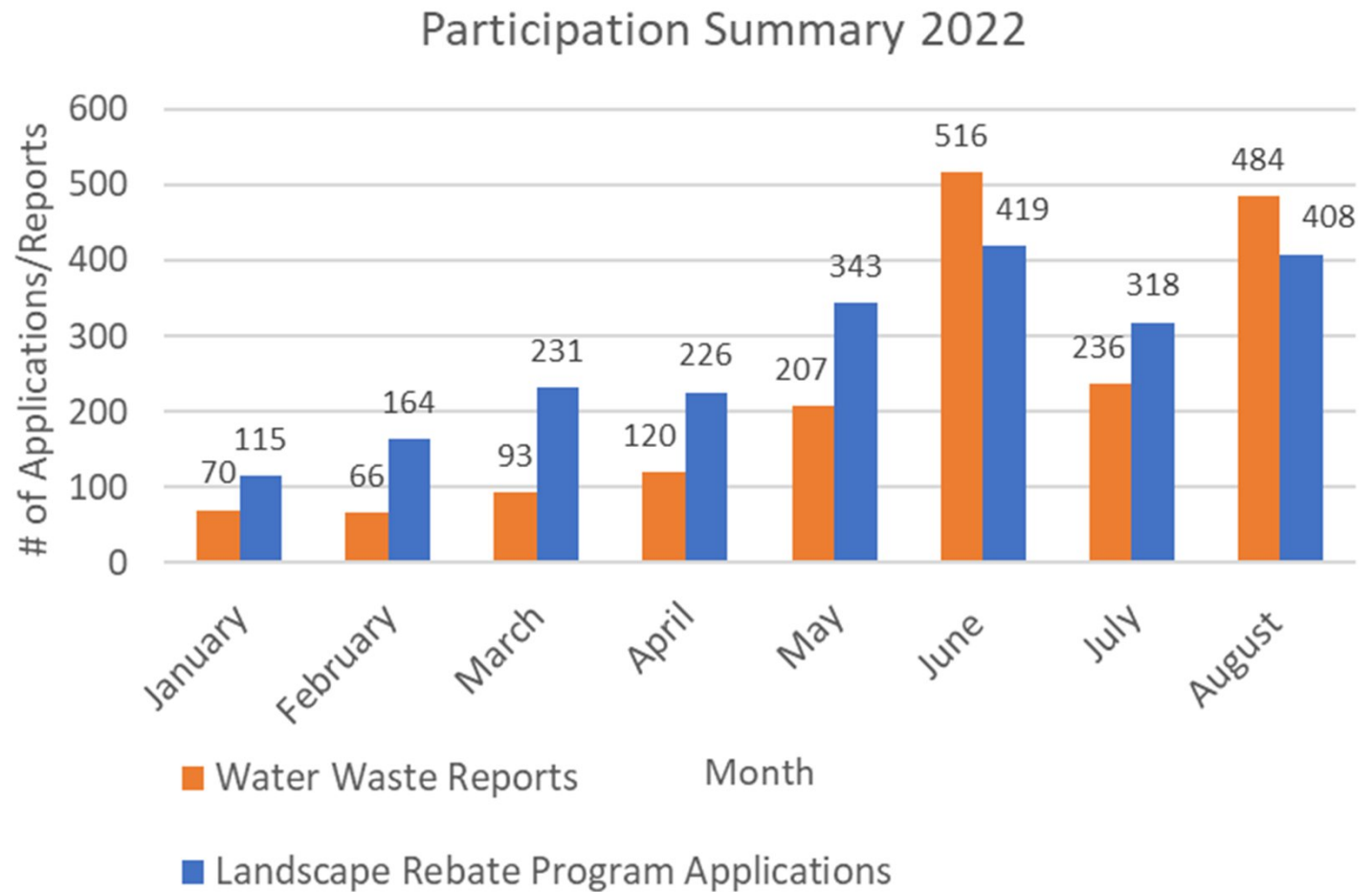
County compared to State Savings

Monthly Percent Change in Water Use



Water Conservation

- Participation remains high
- E-cart
 - Almost 9,000 orders



Water Use Reduction Enforcement Updates

Over 1,000 reports received since June (enforcement launch)

Enforceable Water Waste Violations	July 2022	Aug 2022
More than 2 days of watering per week	39	113
Watering from 9AM-6PM	30	92
Watering within 48 hours of rainfall	4	3
Runoff	95	210

Drought and Conservation Outreach

- Multilingual Say Yes campaign ads and banners
- Retailer Partnerships
- H2Cool outdoor water survey animation
- Speakers Bureau presentations



CII Watering Ban Added to Enforceable Restrictions

Adopted May 24, 2022, Ordinance 22-02 restricts

- Runoff
- Midday watering
- Watering after rainfall
- Watering ornamental lawn more than 2 days

New restriction added in First Amended and Restated Ordinance 22-02:*

- Watering of commercial, industrial, and institutional (CII) non-functional turf

*On June 10, 2022, the State banned watering of CII non-functional turf in California.

Next Steps

- CII Outreach
- First Amended and Restated Ordinance 22-02 published in newspaper

Groundwater Wells

- 8 dry wells during this drought
 - Domestic wells
 - Near foothills
- Response from Valley Water

QUESTIONS



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Drought Emergency Response Report

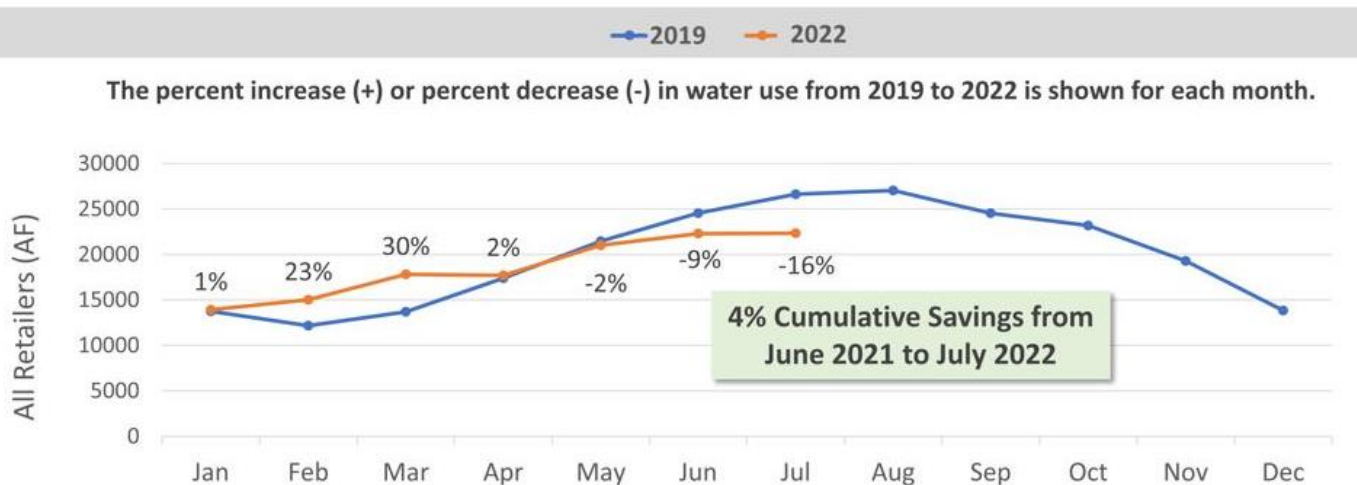
AUGUST 2022

Drought Resolution Implementation

On June 9, 2021, the Board adopted Valley Water Resolution 21-68 which declared a water shortage emergency condition pursuant to California Water Code §350, called for water use reduction of 15% compared to 2019, and urged the County of Santa Clara (County) to proclaim a local emergency. The County adopted a Resolution ratifying the proclamation of a local emergency due to the drought on June 22, 2021. California's Governor included Santa Clara County as part of a drought emergency proclamation on July 8, 2021, and this proclamation included all California counties on October 19, 2021. Valley Water activated its Emergency Operations Center (EOC) on June 16, 2021, to assist with resolution implementation and other drought-related efforts. Valley Water Resolution 22-20 amended Valley Water Resolution 21-68 on April 12, 2022 to call for no more than 2 days of irrigation in a week for ornamental lawns and prohibit excessive runoff, midday irrigation, and irrigation after rainfall. On May 24, 2022, the Board approved Ordinance 22-02 to enforce these restrictions. The ordinance went into effect on June 1, 2022.

Retailer Water Use Reduction

The graph below depicts total water use from the 13 retailers in Santa Clara County to help track progress towards achieving Valley Water's 15% call for water use reduction made in June 2021.



- Valley Water's water savings call of 15% compared to 2019 was exceeded in July 2022.
- Countywide water savings was 16% in July 2022 compared to July 2019.
- Countywide water savings was 19% in July 2022 compared to July 2020, which means the county also exceeded the Governor's call for conservation (15% compared to 2020). California's water savings in July 2022 was 10% compared to July 2020.
- Santa Clara County's cumulative water savings from June 2021 – July 2022 is 4%, compared to 2019.
- Using a 2020 baseline, Santa Clara County's cumulative water savings from July 2021 – July 2022 is 10%, while California's cumulative water savings during this period is 3%.

- On June 1, 2022, Valley Water began enforcing outdoor water waste restrictions against runoff, midday watering, and watering after rainfall, and a limit of two days a week of watering for non-functional turf. On September 13, Valley Water’s Board of Directors will consider enforcing the State’s ban on watering commercial, industrial, and institutional non-functional turf.
- Valley Water continues its conservation and drought-messaging with the “Say Yes to Saving Water” campaign. The multilingual, multi-platform campaign encourages residents, businesses, farms, and others to follow watering restrictions and take actions, both large and small, that can increase water savings.

	Santa Clara County		California
Baseline Year	2019	2020	2020
July 2022 Savings	16%	19%	10%
Cumulative*	4%	10%	3%

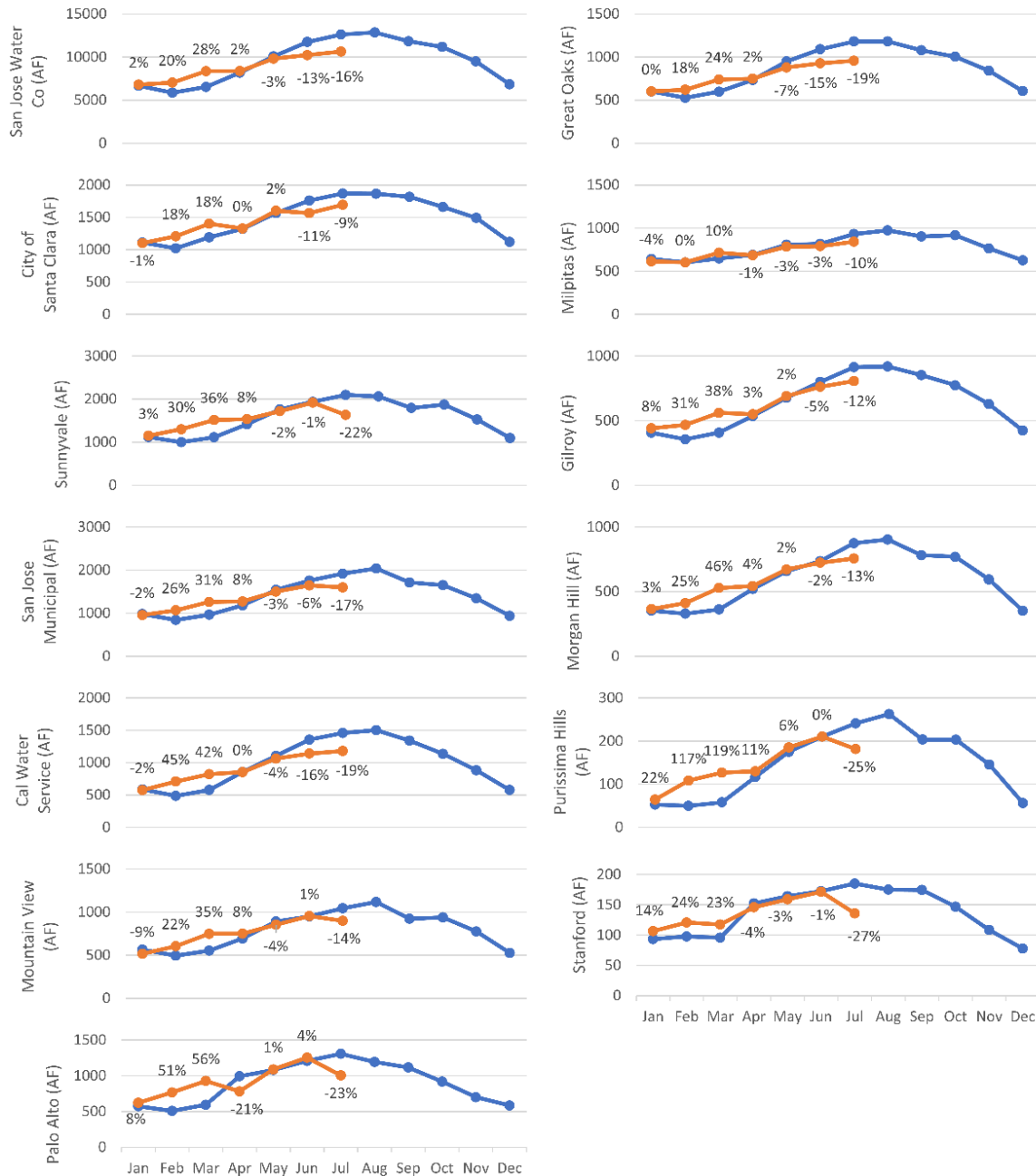
* Cumulative for 2019 baseline begins in June 2021 and for 2020 baseline begins in July 2021

The graphs below depict water use by each of Valley Water's 13 retailers to help track progress towards achieving the 15% call for water use reduction made in June 2021. Note that City of Palo Alto Utilities (Palo Alto) and Purissima Hills Water District (Purissima) normally do not use Valley Water sources of water. A large proportion of water used by the City of Mountain View Public Works (Mountain View) and Stanford Utilities (Stanford) is not from Valley Water sources.

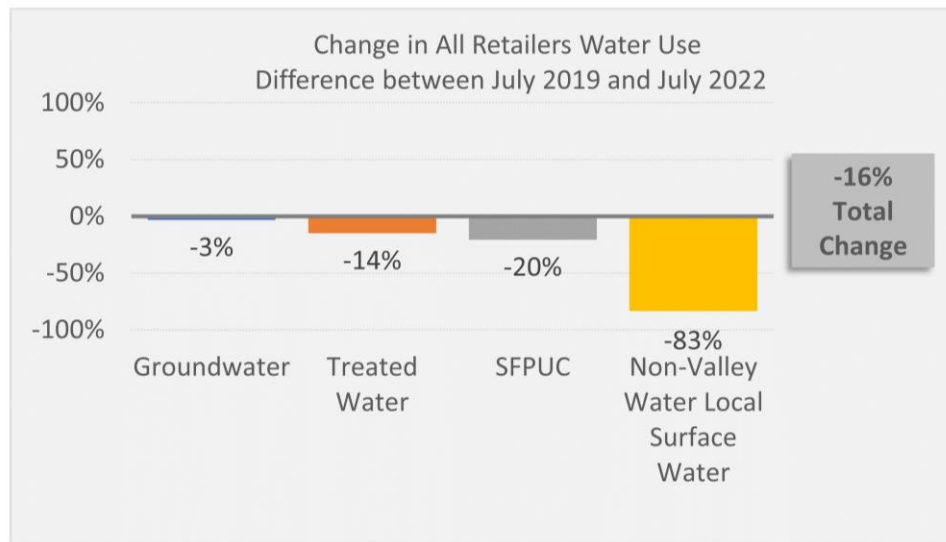
Monthly Water Use by Retailer (AF)

— 2019 — 2022

The percent increase (+) or percent decrease (-) in water use from 2019 to 2022 is shown for each month.



The graph below depicts changes between the retailers' different types of water use. As expected, the proportion of groundwater use tends to increase during drought.



The table below shows Valley Water retailers' water usage volumes by type.

Water Retailer	Total Water Use in Acre-Feet (July 2019)					Total Water Use in Acre-Feet (July 2022)				
	Groundwater	Treated Water	SFPUC	Non-Valley Water Local Surface Water	SUM	Groundwater	Treated Water	SFPUC	Non-Valley Water Local Surface Water	SUM
San Jose Water Company	3,310	7,660	-	1,640	12,620	3,600	6,760	-	280	10,640
Santa Clara, City	1,050	480	330	-	1,870	1,110	330	260	-	1,690
Sunnyvale	10	1,040	1,040	-	2,100	10	780	840	-	1,630
San Jose Municipal Water	100	1,330	480	-	1,920	110	1,110	380	-	1,600
California Water Service	290	1,170	-	-	1,460	210	970	-	-	1,180
Palo Alto	-	-	1,310	-	1,310	-	-	1,000	-	1,000
Mountain View	20	120	900	-	1,040	10	120	770	-	900
Great Oaks	1,180	-	-	-	1,180	960	-	-	-	960
Milpitas	-	340	590	-	930	-	340	500	-	840
Gilroy	910	-	-	-	910	810	-	-	-	810
Morgan Hill	870	-	-	-	870	760	-	-	-	760
Purissima Hills Water	-	-	240	-	240	-	-	180	-	180
Stanford	-	-	190	-	190	-	-	140	-	140
Total	7,760	12,140	5,090	1,640	26,630	7,570	10,410	4,070	280	22,330

Collaboration with the County, Retailers, and Cities

- As of August 31, 2022, 14 cities in Santa Clara County have implemented a maximum two-day irrigation schedule, including five cities that have taken additional formal action to their elected boards in response to the ongoing drought emergency and Valley Water's Amended Resolution 22-20.
- In August, Valley Water continued to conduct outreach to the municipalities for their consideration and adoption of the Model Water Efficient New Development Ordinance (MWENDO), as part of ongoing efforts to

support cities' and the County's interests in expanding water efficiency measures. Currently, the County and several cities are considering aligning the adoption of new MWENDO measures as part of their jurisdictions' Title 24 triennial building code update. The 2022 version of California's Title 24 is effective January 1, 2023.

- On August 26, 2022, Valley Water held the 2022 Water Summit (Summit) to convene a diverse group of stakeholders across all sectors to discuss our current water supply challenges and how we can partner together to address the severe drought emergency. The Summit provided an opportunity for Valley Water experts to present on drought challenges due to climate change, how Valley Water is working to ensure water supply reliability through conservation, water reuse, and other drought-resilient strategies, and information on water conservation rebates and resources with our stakeholders, as well as a Call to Action for support of purified and recycled water. The Summit incorporated talks from Valley Water's partners in sustainability on their respective sustainability efforts as well as an expert panel discussion on "How Do We Become More Climate Resilient?" The Summit is described in further detail in Appendix A.

Water Conservation Programs

Valley Water is actively promoting ways people can save water through rebates, free water-saving devices, and behaviors. The Shopping Cart (eCart) Program offers free water-saving devices to homes and businesses. The Landscape Rebate Program (LRP) provides rebates for converting high-water use landscapes to low-water-use landscapes, as well as retrofitting existing irrigation equipment with approved high-efficiency irrigation equipment. The program continues to see a high application rate with an increase of 28% more applications received in August versus July. Valley Water hosted a webinar in August focusing on Alternative Water Solutions: Graywater Reuse and Rainwater Collection with 133 in attendance on Zoom and Facebook Live.

Estimated conservation program applications received are shown below.

Program	June	July	August
Landscape Rebate Program Applications	417	318	408
Water-saving Device Orders	1,477	694	1894

Water Waste Enforcement

Valley Water began enforcing outdoor water waste restrictions against runoff, midday watering, and watering after rainfall, and a limit of two days a week of watering for non-functional turf on June 1, 2022. The Water Waste Program is enforcing these restrictions while continuing its educational mission.

Program	June	July	August
Water Waste Reports	516	236	484

Complaints of violations against water waste restrictions are submitted by members of the public. 484 total water waste complaints were received in August 2022. 253 of the complaints received are enforceable, as they relate to the restrictions listed in Ordinance 22-02 and occurred in service areas supplied by Valley Water sources; the remaining are not enforceable but are addressed through education. Each complaint may include multiple reports of violations against water waste restrictions. Below is a breakdown of the numbers of reported water waste violations related to the restrictions listed in Ordinance 22-02. Not all violations are verified by staff to be occurring, such as those related to watering after rainfall.

Enforceable Water Waste Violations	July 2022	Aug 2022
More than 2 days of watering per week	39	113
Watering from 9AM-6PM	30	92
Watering within 48 hours of rainfall	4	3
Runoff	95	210

Drought and Water Conservation Outreach

- In August, our revamped multilingual Say Yes to Saving Water campaign started running on Valley Transit Authority (VTA) buses, audio and video streaming platforms and digital and social media. Valley Water installed Say Yes to Saving Water banners on campus and are in the process of deploying 50 banners across Santa Clara County. Our fleet is now featuring magnetic water conservation signs. In addition to sharing a 30-second Say Yes to Saving Water video on our social platforms in English and Spanish, a Vietnamese version is now running. A campaign has begun on NTD (Chinese TV) featuring a 30-second ad and news integrations for Say Yes. An outdoor water survey animation featuring H2Cool was shared on all social platforms.
- Through partnerships with the cities of Palo Alto and Santa Clara, banners will be displayed on main thoroughfares and public buildings. We have also offered co-branded Commercial, Industrial, and Institutional (CII) materials, including yard signs, to Sunnyvale and the City of Mountain View will equip inspectors with samples of our CII water savings messaging materials for restaurants and hotels.
- Media interest focused on Water Summit 2022, potential mega flooding due to climate change, reaction to Gov. Newsom's Water Supply Strategy announcement, the Pacheco Reservoir Expansion Project, the Landscape Rebate Program and homeowner negotiations as part of the Anderson Dam Seismic Retrofit Project.
- Staff published a statement from Chair Pro Tem Varela on Governor Newsom's water supply strategy announcement. A board column from Vice Chair Pro Tem Keegan on tree care during times of drought was published on *San Jose Inside*. A video on tree care during times of drought has received more than 100 views on our YouTube channel and is being shared on our social platforms. Four blogs were posted to valleywaternews.org: how Santa Clara County is inching closer to the 15% water use reduction goal, Santa Clara County Medical Association endorsing Valley Water's Purified Water Project, paint day kicking off the Mural Art Project, and how water-efficient construction plays an important part in conservation.
- In August, staff shared a graphic on our social media platforms showing Santa Clara County's water use throughout 2022 compared to 2019. The post encouraged residents to continue saving as we see a positive trend in conservation. To promote our Landscape Rebate Program, the third video success story was shared on Facebook, along with positive local news articles featuring residents who have used the rebate program to transform their yards.
- The Speakers Bureau Program held 6 presentations in August. On August 4, staff presented in person and virtually to the Almaden Valley-Willow Glen Rotary Club. The outreach staff conducted the next presentation,

which was also in-person and virtual, on August 10 with the Almaden Super Lions. On August 17, Director LeZotte presented to the Campbell Chamber of Commerce. A presentation was conducted on August 23 by outreach staff with the Los Altos Garden Club. On August 28, Director Kremen delivered a drought presentation to the Adobe Meadows Neighborhood Association. On August 30, Director Varela gave a presentation to the Rotary Club of Gilroy at their regular lunch meeting.

- Statistics for public outreach efforts are shown below.

Outreach Type	July 2022
Social Media¹	
Impressions ²	6,481,141
Engagements ³	44,663
Link Clicks	8,354
Video Views	478,851
Website Page Views	
Water conservation webpages	33,311
BeHeard.ValleyWater.org/drought-information	755
Media	
Media Mentions ⁴	6,928
Speakers Bureau	
Presentations ⁵	6

¹Includes Facebook, Twitter, Instagram, and LinkedIn

²Impressions are the number of times a post is displayed in a newsfeed.

³Engagements are the number of times a user interacts with a post, such a retweet, click, and more.

⁴Includes TV, radio, social media, online and print

⁵ Office of Communications and Government Relations

Drought and Water Conservation Education

- In August, the Education Outreach team (EO) supported four educators and reached 140 students through four in-person presentations. EO presented water conservation and drought awareness messaging to students at three pre-schools and one library story time program. All library program and preschool attendees recited Valley Water's Water Conservation Pledge, signed the pledge poster, and received drought messaging water conservation stickers and drought-tolerant native plant seeds. The EO team also made a virtual presentation to the Valley Water Landscape Committee and gave an overview of the Education Outreach Program and the ways that water conservation and drought awareness messaging is incorporated into all presentations.
- The table below shows Education Outreach efforts in 2022, all of which included drought and water conservation messaging.

Program	Jun 2022	Jul 2022	August 2022
Educators/Teachers	16	31	4
Classes/Groups	20	22	4
Students	497	509	140

- Members of the Valley Water Youth Commission presented an overview of the Youth Commission Drought Awareness Social Media Campaign on three occasions during August. They presented to the Landscape Committee, the Valley Water Board of Directors during the 8/9/22 Board Meeting, and at the first quarterly

meeting of the new Youth Commission for the 2022-23 year. The Commissioners highlighted the Drought Awareness Campaign toolkit that is housed on the Youth Commission website and announced plans for phase 2 of the campaign which will focus on the importance of “Reuse”.

Committee Updates

- Drought-related updates are being provided regularly at Committee meetings to receive feedback and guidance. These updates were provided to the Water Conservation and Demand Management Committee in August 2022.
-

Water Supply Operations and Outlook

- There was no rainfall in August in Santa Clara County. The current rainfall year extends from July 1, 2022, through June 30, 2023.
- Total reservoir storage as percentage of unrestricted reservoir capacity is 19% for August 31, 2022, which is 39% of the (20-year) average total storage for the current month.

Imported Water

- While storms in October and December 2021 provided a wet start to the water year, January through March 2022 were the driest combined first three months on record in California. Additionally, Northern California received above average precipitation in April, but major reservoir levels generally remain below average.
- As of August 30, 2022, total state reservoir storage is below the historical average. Shasta Reservoir is at 58% of average for this date, Oroville Reservoir is at 63% of average for this date, and Folsom Reservoir is at 83% of average for this date. Total storage in each of these three major reservoirs has decreased in August.
- As of August 30, 2022, storage in San Luis Reservoir is approximately 572 thousand acre-feet (TAF). San Luis Reservoir storage was reduced by approximately 90 TAF in August.
- Valley Water entered 2022 with over 65 TAF of imported supplies stored in San Luis Reservoir. This includes emergency transfer supplies purchased in 2021, previously undelivered State Water Project (SWP) supplies, and water recovered from the Semitropic Groundwater Bank. This amount is higher than normal and is intended to provide water supply reliability in the event dry conditions continue in 2022, while also mitigating for the loss of storage in Anderson Reservoir.
- The California Department of Water Resources (DWR) has announced a 2022 SWP allocation of 5 percent, which equates to an allocation of 5 TAF for Valley Water. DWR has approved Valley Water’s request for additional water to meet our critical human health and safety needs.
- The U.S. Bureau of Reclamation (Reclamation) Central Valley Project (CVP) water supply allocations for south-of-Delta CVP contractors, including Valley Water, are currently set to a municipal and industrial allocation of public health and safety water only and an agricultural allocation of zero percent. Reclamation has approved Valley Water’s request for public health and safety water.
- Valley Water will continue to withdraw previously stored supplies from the Semitropic Groundwater Bank in 2022 if SWP and CVP allocations remain low. Staff continues to work with DWR and other Semitropic Banking partners and anticipates that at least 31.5 TAF would be available for delivery to Valley Water. As of July 31st, Valley Water has withdrawn approximately 17.9 TAF in 2022 from Semitropic Groundwater Bank.
- Valley Water previously executed several long-term water transfer agreements that could provide emergency transfer supplies in 2022, but transfer supply this year is severely limited due to the critically dry conditions

across the state. To date in 2022, Valley Water has secured agreements for approximately 28 TAF of emergency transfer supplies, after conveyance losses this is estimated to provide approximately 21 TAF of additional supply.

Treated Water

- Taste and odor compounds continued to be elevated in the South Bay Aqueduct. Staff were able to minimize the impact by proactively implementing source water blend change and optimizing the water treatment process.
- A few customer complaints were reported by retailers related to taste and odor in the drinking water delivered. Valley Water staff worked collaboratively with retailers to mitigate the concern and were able to meet customer expectations.
- A low level of cyanotoxins was detected in the raw water supplied to the treatment plants, however it was “non-detect” in the treated water.
- 100% of treated water delivered continued to meet all applicable drinking water quality standards.

Groundwater Recharge

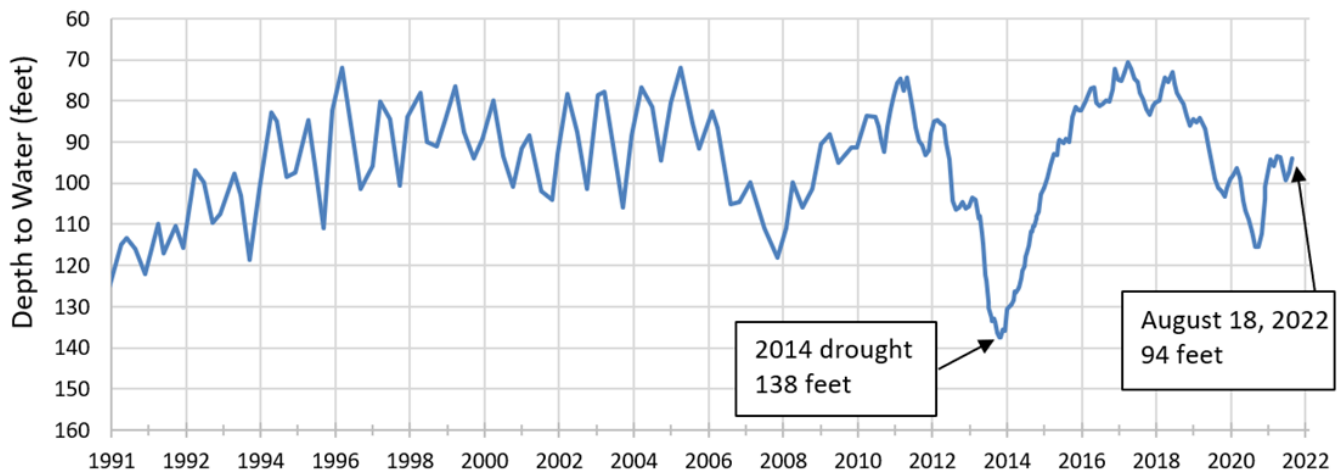
- Valley Water continued with its expanded recharge program throughout the summer. In early September, the number of filled ponds was 70 out of a total of 102 ponds countywide. Ten additional ponds are being filled in September.
- Managed recharge in 2022 countywide is projected to end at 97% of normal (*i.e.*, of the 20-year average).
- Managed recharge in the Llagas Subbasin is already at maximum capacity and cannot be increased further.

Groundwater Conditions:

Despite ongoing drought conditions, groundwater levels are stabilizing or increasing in some areas because of recent increases in managed recharge (made possible by emergency imported water supplies) and ongoing water conservation by the community. Other areas continue to have declines in water levels. With drought conditions expected to continue, water use reduction is essential to minimize the risk of resumed subsidence in North County and wells going dry, particularly in South County. The risk of dry wells and subsidence increases as the drought persists. One new dry well was reported in August.

- North County Groundwater
 - o The current water level at the regional index well has increased by about 3 feet since last month and is about 44 feet above the minimum water level in 2014. The water level at this well is about 22 feet higher compared to this time last year. Summer increase in groundwater levels are not typical and can be attributed to the use of emergency imported water supplies for additional recharge and treated water deliveries.
 - o Groundwater levels are more than 55 to 100 feet above thresholds established to minimize the risk of permanent subsidence.
 - o No dry wells were reported in August. Since the onset of the current drought, a total of two dry wells have been reported in North County, all in the foothills where yield is generally less reliable.

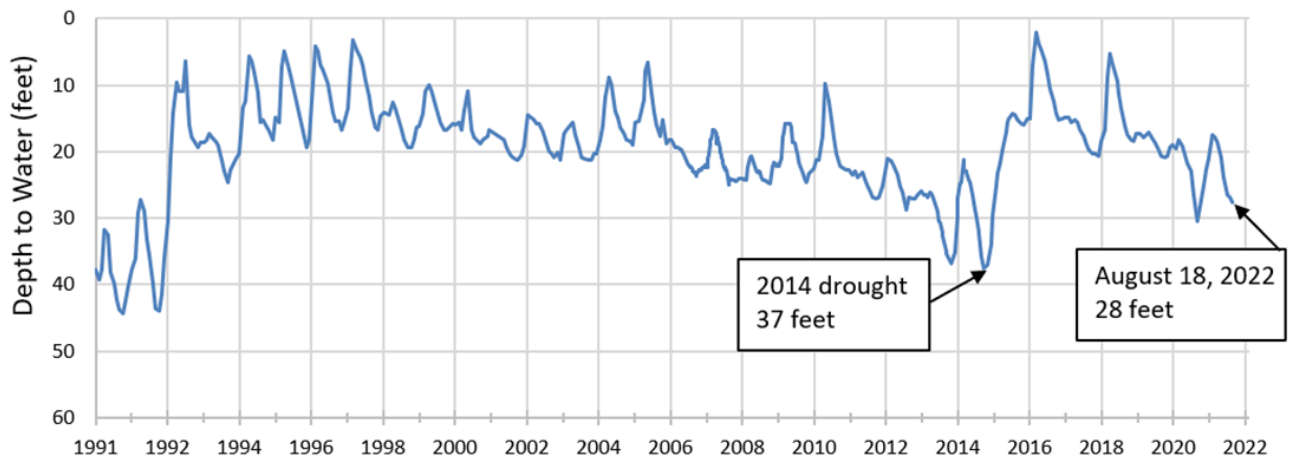
Santa Clara Plain Index Well

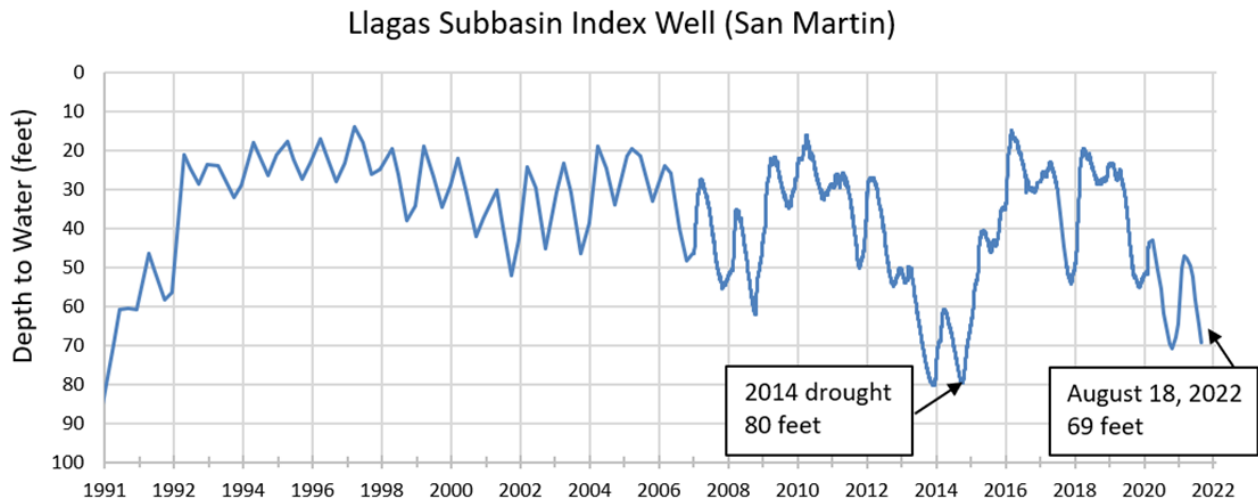


- South County Groundwater

- o The current water level in the Coyote Valley and Llagas Subbasin regional index wells have each decreased by about 1 and 4 feet since last month and are about 9 and 11 feet, respectively, above the minimum water level in 2014. Additionally, the water levels in these wells are about 3 feet higher and 3 feet lower, respectively, compared to this time last year.
- o One dry well was reported in August, located west of the Llagas Subbasin and outside the groundwater benefit zone.
- o Since the onset of the current drought, a total of five dry domestic wells have been reported in South County, all in locations close to the foothills where yield is generally less reliable. Valley Water works to provide affected well owners with appropriate assistance, including information on available resources or billing support as needed.

Coyote Valley Index Well





State Coordination

- The state 2022 legislative session came to an end on August 31, 2022 after approving hundreds of bills, and finalizing the 2022-2023 state budget with the climate and energy funding package. The package includes SB 128 (Budget Bill Jr) and AB 211 (Resources Budget Trailer Bill), which include some funding to address issues related to water resources and drought, as follows:
- State Water Board -
 - Recycled Water - \$100 M
 - PFAS (Per- and Polyfluoroalkyl Substances) Contamination - \$100 M
 - Water Rights Modernization - \$43.75 M
- Department of Water Resources
 - Drought Resilience and Climate risk - \$66.5 M
 - Immediate Drought Response - \$48.75 M
 - Implementation of Sustainable Groundwater Management Act (SGMA) - \$56M
 - Urban Community and Multi-Benefit Drought Relief - \$10 M
 - Watershed Level Drought Resilience and Identification of Climate Risk - \$84 M
- Pledges for FY 2023-24 funding in trailer bills:
 - Dam Safety Program - \$100 M
 - Recycled Water Direct Potable Reuse (DPR) focused - \$210 M

Staffing and Resources

- For water conservation programs, four new interns were onboarded and are currently being trained on various conservation programs that are offered. Recruitment is underway to fill the remaining vacant intern positions.
- Interviews for vacant Temporary Water Conservation Specialist position were held the last week of August.
- Drought emergency expenses are expenditures supplemental to the regular budget that would not have been adopted had there been no drought. Due to the timing of monthly financial system closes, drought expenditures are reported one month behind the monthly Drought Emergency Report.

- The FY 2022-23 Adopted Budget of \$37 million for drought emergency is comprised of \$17 million for emergency water purchases, \$7 million for water banking expenses to help bring approximately 32,000 acre-feet of water banked at Semitropic Water Storage District into the county, and \$13 million for conservation programs and drought related public relations. Budget adjustments will be brought to the Board for any additional expenses incurred during the year.
- July 2022 expenses totaled approximately \$830,000 spent or encumbered primarily for emergency water purchases tied to contracts executed in prior years, operating supplies and services for temps and interns supporting drought related conservation programs, and labor expenses for staff time supporting Valley Water's drought response program.

Expanded Opportunities

Purified Water Project

The Purified Water Project will replenish groundwater supplies with purified water and expand usage of recycled and purified water, a drought-resilient, locally-controlled water source.

- Valley Water continued to develop the procurement and CEQA documents for the Purified Water Project.
- Valley Water continued outreach to cities and landowners along the pipeline route.
- Valley Water is working with the City of Palo Alto on a study session for the City Council.

Drought Response Plan

Valley Water is developing a Drought Response Plan (DRP) to improve water supply reliability in Santa Clara County during times of future shortage through a WaterSMART grant from the Bureau of Reclamation. Valley Water's DRP will evaluate new approaches for determining when to request water use reductions from the public and develop a response framework to employ during future droughts.

- Work continues on refining the draft Vulnerability Assessment that evaluates the risks and impacts of drought in the county. The draft report was presented to the Water Conservation and Demand Management Committee on August 29. The consultant is working on the next phase of the DRP looking at drought triggers and water shortage actions in coordination with retailers.

Appendix A: Water Summit 2022 - Overview and Summary

Overview

- On Friday, August 26, Valley Water convened a diverse cross-section of elected officials, business leaders, agricultural leaders, and environmental advocates from throughout Silicon Valley at the 2022 Water Summit (Summit) to discuss our current water supply challenges and how we can partner together to address the drought and worsening climate change impacts.
- The hybrid Summit provided an opportunity for Valley Water subject matter experts to present on drought challenges due to climate change, actions taken in response to the drought, and strategies for a sustainable water supply into the future, as well as to share information on water conservation rebates and resources with our stakeholders that we can use to lead our communities through the ongoing drought emergency.

Highlights

- Chair Pro Tem John L. Varela provided welcome remarks, emphasizing Valley Water’s commitment to partner with external partners on actions needed to help communities reduce their water use and help our region combat this drought emergency.
- The Chair Pro Tem then introduced keynote speaker, U.S. Senator Alex Padilla, who prepared a pre-recorded video message. Senator Padilla’s keynote address highlighted the importance of partnering together to navigate the challenges posed by the ongoing drought and increasingly extreme weather patterns to ensure that we have a safe and reliable water supply.
- Chief Operating Officer Aaron Baker opened the “Drought Challenges Due to Climate Change and Solutions” segment of the program, which covered the following topics:
 - Current and recurring water supply problems (Presented by Chief Operating Officer Aaron Baker)
 - Long- and Short-term Goals (Presented by Assistant Officer Kirsten Struve)
 - Anderson Dam Seismic Retrofit Project (Presented by Assistant Officer Kirsten Struve)
 - Pacheco Reservoir Expansion Project (Presented by Assistant Officer Ryan McCarter)
 - Purified Water Project (Presented by Assistant Officer Kirsten Struve)
- The “Partners in Sustainability” segment featured presentations from our Summit partners and covered the following topics:
 - Pathways for Representation from Historically Black Colleges and Universities (Presented by Silicon Valley Leadership Vice President for Partner Success Lisa Gauthier)
 - California Climate Resilience Challenge (Presented by Bay Area Council Senior Vice President of Public Policy Adrian Covert)
 - Sustainability from the Business Community’s Perspective (Presented by San Jose Chamber of Commerce Executive Board Member Janikke Klem)
 - Agricultural Community’s Water Efficiency Efforts (Santa Clara County Farm Bureau Second Vice President and Secretary Tim Chiala)
- Senior Water Conservation Specialist Ashley Shannon provided information on available water conservation rebates, programs, and materials to help make necessary adjustments to the way we use water under the “How We Can Partner Together for a Drought-Proof Future” segment.

- Assistant Officer of External Affairs Marta Lugo also included a Recycled and Purified Water “Call to Action,” inviting attendees to join our community of purified water supporters by signing a digital supporter card available via the QR code displayed on the screen for virtual attendees and on the table-top signs for in-person attendees. Attendees were also invited to submit letters of support to our Board using template letters available on our website, purewater4u.org.
- Chief of External Affairs Rachael Gibson moderated the Panel Discussion on “How Do We Become More Climate Resilient,” which featured:
 - Mayor Lisa M. Gillmor, City of Santa Clara
 - Adrian Covert, Senior Vice President of Public Policy, Bay Area Council
 - Dennis Murphy, Water & Sustainable Life Director, Sustainable Silicon Valley
 - Naresh Duggal, Program Manager, County of Santa Clara Office of Sustainability
- Chair Pro Tem Varela provided closing remarks for the Water Summit to conclude the event.

Attendees

- All 7 Directors were in attendance: Chair Pro Tem John L. Varela, Vice Chair Pro Tem Barbara Keegan, Director Richard Santos, Director Linda J. LeZotte, Director Nai Hsueh, Director Tony Estremera, and Director Gary Kremen
- At peak attendance, 128 people were present on the Zoom meeting and 48 people were present at the in-person event at the Santa Clara Convention Center, including:
 - Elected officials from the cities of: Campbell, Cupertino, Gilroy, Los Altos, Los Altos Hills, Los Gatos, Morgan Hill, Mountain View, Palo Alto, San Jose, Santa Clara, and Saratoga.
 - Staff representing the Offices of Congresswoman Zoe Lofgren, Congressman Ro Khanna, State Senator John Laird, State Senator Bob Wieckowski, State Senator Dave Cortese, State Senator Josh Becker, Assemblymember Alex Lee, and Santa Clara County Supervisors Joe Simitian, Susan Ellenberg, and Otto Lee.



Santa Clara Valley Water District

File No.: 22-1091

Agenda Date: 9/28/2022

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Water Conservation and Demand Management Committee

SUBJECT:

Standing Items Report.

RECOMMENDATION:

- A. This agenda item allows the Committee to receive verbal or written updates and discuss the below subjects. These items are generally informational; however, the Committee may request additional information from staff:
 - 1. Sustainable Groundwater Management Act (SGMA)
 - 2. Flood MAR
 - 3. Agricultural Water Use Baseline Study
- B. This is informational only and no action is required.
Staff may provide a verbal update at the 9/28/2022, meeting if there is reportable/updated information.

SUMMARY:

Standing Items will allow regular reports from staff on subjects that may be of interest to the committee members.

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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Santa Clara Valley Water District

File No.: 22-1092

Agenda Date: 9/28/2022

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Water Conservation and Demand Management Committee

SUBJECT:

Review Water Conservation and Demand Management Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda.

RECOMMENDATION:

Review the Committee work plan to guide the committee's discussions regarding policy alternatives and implications for Board deliberation.

SUMMARY:

The attached Work Plan outlines the approved topics for discussion to be able to prepare policy alternatives and implications for Board deliberation. The work plan is agendaized at each meeting as accomplishments are updated and to review additional work plan assignments by the Board.

BACKGROUND:

Governance Process Policy-8:

The District Act provides for the creation of advisory boards, committees, or commissions by resolution to serve at the pleasure of the Board.

Accordingly, the Board has established Advisory Committees, which bring respective expertise and community interest, to advise the Board, when requested, in a capacity as defined: prepare Board policy alternatives and provide comment on activities in the implementation of the District's mission for Board consideration. In keeping with the Board's broader focus, Advisory Committees will not direct the implementation of District programs and projects, other than to receive information and provide comment.

Further, in accordance with Governance Process Policy-3, when requested by the Board, the Advisory Committees may help the Board produce the link between the District and the public through information sharing to the communities they represent.

ATTACHMENTS:

Attachment 1: WCaDMC Work Plan

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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Water Conservation and Demand Management Committee Work Plan 2022

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Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>consideration to adopt a new resolution restricting watering to two days maximum limit that includes ornamental landscaping and lawns.</p> <p><i>The Board approved this recommendation at the April 12, 2022, meeting.</i></p> <p>Accomplished April 25, 2022:</p> <p>The Committee received the following presentations:</p> <ul style="list-style-type: none"> •The monthly update on progress towards Valley Water Resolution 21-68's water use reduction target and drought-related water conservation efforts •The Water Conservation Program Savings update for Fiscal Year 2021 (FY21), •The One-Year Check-In for the Online Shopping Cart (eCart) Program for Free Water-Saving Devices, •The Youth Commission Drought Awareness and Conservation Toolkit, <p>the Committee took no action.</p>

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>Accomplished May 19, 2022: The Committee received the following presentations: •Monthly update on progress towards achieving Valley Water Resolution 21-68's water use reduction target and enforcement for Valley Water Resolution 22-20 and took the following action: The Committee unanimously approved recommending that the Board consider adopting the Ordinance ADOPTING DROUGHT OUTDOOR WATER CONSERVATION AND ENFORCEMENT MEASURES." <i>The Board approved this recommendation at the May 24, 2022, meeting.</i> •Water Conservation Program</p> <p>Accomplished June 27, 2022: The Committee received the following presentations: •Monthly update on progress towards achieving Valley Water's water use reduction target and water conservation efforts related to the drought emergency. •Water Fixture Replacement Program One Year Update,</p>

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>•Commercial, Industrial, Institutional, and Multi-Family Residential (CII/MF) Water Conservation Programs, The Committee took no action.</p> <p>Accomplished July 25, 2022: The Committee received the following presentations:</p> <ul style="list-style-type: none"> •Monthly update on progress towards achieving Valley Water’s water use reduction target and water conservation efforts related to the drought emergency, and •Evaluating Water Conservation Program Opportunities. <p>The Committee took no action on the above items.</p> <p>Accomplished August 29, 2022: The Committee received the following presentations:</p> <ul style="list-style-type: none"> •Monthly update on progress towards achieving Valley Water’s water use reduction target and water conservation efforts related to the drought emergency, and <p>took the following action: The Committee unanimously approved staff’s recommendation that the Board consider adopting</p>

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				the First Amended and Restated Ordinance 22-02.
2	Recommend policies towards water conservation goal: <ul style="list-style-type: none"> • Water Conservation Strategic Plan • Making Water Conservation a Way of Life • Review the current 15% call for water use reduction compared to 2019 water use • New programs • SCW funding 	TBD	Discussion/Action Items	
Water Supply Master Plan Strategy 2: Increase Water Conservation and Stormwater Capture Goal: Increase water conservation to 109,000 AF/year and increase stormwater capture to 1,000 AF/year by 2040.				
3	Monitor progress in achieving the long-term water conservation and stormwater capture goal: <ul style="list-style-type: none"> • Investments in no-regrets package/stormwater resource plan implementation • Ag Water Use Baseline study • Collaboration with UC Water on Flood Managed Aquifer Recharge (Flood MAR) 	January 2022 March 2022 January 2022 March 2022	Discussion/Action Items	Accomplished January 24, 2022: The Committee received presentations on the Agricultural Water Use Baseline Study and on the Flood MAR and took no action. Accomplished March 21, 2022: The Committee received presentations on the Agricultural Water Use Baseline Study and on

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>the Flood MAR and took no action.</p> <p><u>Accomplished April 25, 2022:</u> The Committee received no reports on the Agricultural Water Use Baseline Study or the Flood MAR.</p> <p><u>Accomplished May 19, 2022:</u> The Committee received no reports on the Agricultural Water Use Baseline Study or the Flood MAR.</p> <p><u>Accomplished June 27, 2022:</u> The Committee received no reports on the Agricultural Water Use Baseline Study or the Flood MAR.</p> <p><u>Accomplished July 25, 2022:</u> The Committee received no reports on the Agricultural Water Use Baseline Study or the Flood MAR.</p> <p><u>Accomplished August 29, 2022:</u> The Committee received reports on the following: Agricultural Water Use Baseline Study:</p>

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<ul style="list-style-type: none"> •Expect to finish our study with UC Merced in December •Received draft report and provided comments •Will present draft report to committees in fall •Draft report currently finds: <ul style="list-style-type: none"> ○agriculture is mostly efficient in our county ○Limited data on greenhouse and nursery irrigation practices. While greenhouse and nursery irrigation is a small percentage of the total irrigation used in the county, there is an opportunity for understand their water usage more and increase efficiency in those sectors ○Improvements could be made with better metering, but the improvements may not be worth the cost per the recent study performed by Darin's group ○Expand soil moisture metering <p>Flood MAR:</p> <ul style="list-style-type: none"> •Expect to finish our study with UC Water in December

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<ul style="list-style-type: none"> •Received initial draft of tool that evaluates potential areas for implementation and draft report of institutional considerations for program implementation •Staff are currently reviewing those draft products and plans to present the refined draft versions to committees in the fall for feedback •FloodMAR is of interest at the state level and so staff is also looking out for potential grant opportunities that could help support a pilot project and/or program implementation
4	Recommend policies towards achieving long-term water conservation goal <ul style="list-style-type: none"> • Collaboration on ordinances 	2022	Discussion/Action Items	
Water Supply Master Plan Strategy 3: Optimize the Use of existing supplies and infrastructure				
5	South County Recharge	TBD	Discussion/Action Items	

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
6	Sustainable Groundwater Management Plan (SGMA) <ul style="list-style-type: none"> • Updates on our 2021 Groundwater Management Plan • New Groundwater Sustainability Plan (GSP) for North San Benito Subbasin 	Monthly	Discussion/Action Items	<p><u>Accomplished January 24, 2022:</u> The Committee received a verbal update on the Groundwater Sustainability Plans and took no action.</p> <p><u>Accomplished March 21, 2022:</u> The Committee received a verbal update on the Groundwater Sustainability Plans and took no action.</p> <p><u>Accomplished April 25, 2022:</u> The Committee received presentations on: •The Proposed Zones of Controlled Drinking Water Well Construction for the Purified Water Project, and •A verbal update on the Groundwater Sustainability Plans, and the Committee took no action.</p> <p><u>Accomplished May 19, 2022:</u> The Committee received no report on the Groundwater Sustainability Plans.</p> <p><u>Accomplished June 27, 2022:</u></p>

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>The Committee received no report on the Groundwater Sustainability Plans.</p> <p>Accomplished July 25, 2022: The Committee received no report on the Groundwater Sustainability Plans, but received a presentation on:</p> <ul style="list-style-type: none"> •Draft Ordinance establishing zones of controlled drinking water well construction for the Purified Water Project, and the Committee took no action. <p>Accomplished August 29, 2022: The Committee received no report on the Groundwater Sustainability Plans.</p>
Future Demand Projections				
7	<p>Monitor progress and recommend policies</p> <ul style="list-style-type: none"> • Urban Water Management Plan • CCAP water supply portion • Water Shortage Contingency Plan update (Drought Response Plan update) 	<p>February 2022</p> <p>March 2022</p>	Discussion/Action Items	<p>Accomplished February 23, 2022: The Committee received a presentation on the Drought Response Plan and took no action.</p> <p>Accomplished March 21, 2022: The Committee received a presentation on the Drought</p>

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>Response Plan – Benchmark Study and took no action.</p> <p><u>Accomplished August 29, 2022:</u> The Committee received a presentation on the Drought Response Plan - Draft Vulnerability Assessment, and took action.</p>
Work Plan Updates				
8	Review Water Conservation and Demand Management Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda.	Monthly	Discussion/Action Items	<p><u>Accomplished January 24, 2022:</u> The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took no action.</p> <p><u>Accomplished February 23, 2022:</u> The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took no action.</p> <p><u>Accomplished March 21, 2022:</u> The Committee reviewed and discussed the Water Conservation and Demand Management</p>

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>Committee Work Plan and took no action.</p> <p>Accomplished April 25, 2022: The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took no action.</p> <p>Accomplished May 19, 2022: The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took no action.</p> <p>Accomplished June 27, 2022: The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took the following action: The Committee unanimously approved requesting that the Board consider approving a Board Workshop on the Water Supply Master Plan (WSMP) MAP process to engage all that would benefit (Board, Committee and Community) when staff is ready</p>

Water Conservation and Demand Management Committee Work Plan 2022

Item No.	Work Plan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>Accomplished July 25, 2022: The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took no action.</p> <p>Accomplished August 29, 2022: The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took no action.</p>
Additional Items:				
9	Outreach messaging for water-wise concerns.			
10	<p>Find opportunities to ensure new development have improved water wise features</p> <ul style="list-style-type: none"> Proactively engage to ensure new development have improved water wise features and review major developments within the county Work on contacting the building trades about water conservation practices. Work on contacting Planning Commissions on adopting the model ordinances 	March 2022		<p>Accomplished March 21, 2022: The Committee received a presentation on improving water wise features for new developments and took no action.</p>

