

July 22, 2021

**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 Keegan  
Director Linda J. LeZotte, Committee Chair

## Staff Support of the Water Conservation and Demand Management Committee:

Rick 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  
Bhavani Yerrapotu, Deputy Operating Officer, Treated Water Operations & Maintenance Division  
Don Rocha, Deputy Administrative 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, Water Supply Division,  
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 **Monday, July 26, 2021, at 11:00 a.m.** Join Zoom Meeting Link: <https://valleywater.zoom.us/j/92597340524>.

The meeting agenda and corresponding materials are located on our website: <https://www.valleywater.org/how-we-operate/committees/board-advisory-committees> or <https://www.valleywater.org/sites/default/files/WCaDMC-Agenda-07262021.pdf>.



## **July 26, 2021, Water Conservation and Demand Management Committee Meeting**

Join Zoom Meeting

<https://valleywater.zoom.us/s/92597340524>

Meeting ID: 925 9734 0524

One tap mobile

+16699009128,,92597340524# US (San Jose)

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 Meeting

**Teleconference-via Zoom**

**Join Zoom Meeting**

**<https://valleywater.zoom.us/j/92597340524>**

## REGULAR MEETING AGENDA

**Monday, July 26, 2021  
11:00 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 Keegan  
Director Linda J. LeZotte, Committee  
Chair

During the COVID-19 restrictions, all public records relating to an open session 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 to the public through the legislative body agenda web page 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 participate in the legislative body's meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

Mr. Vincent Gin  
(Staff Liaison)

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**  
**REGULAR MEETING**  
**AGENDA**

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Monday, July 26, 2021

11:00 AM

Teleconference-via Zoom

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**IMPORTANT NOTICES**

This meeting is being held in accordance with the Brown Act as currently in effect under the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-08-21 issued on June 11, 2021, that allows attendance by members of the Committee, staff, and the public to participate and conduct the meeting by teleconference, videoconference, or both..

Members of the public wishing to address the Committee during a video conferenced meeting on an item not listed on the agenda, or any item listed on the agenda, should use the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in the order requests are received and granted speaking access to address the Committee.

Santa Clara Valley Water District (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 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**

**One tap mobile**

**+16699009128,,92597340524# US (San Jose)**

**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.

[21-0822](#)

Recommendation: Approve the June 21, 2021, Meeting Minutes

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 06212021 WCaDMC DRAFT Mins](#)

Est. Staff Time: 5 Minutes

**4. ACTION ITEMS:**

- 4.1. Monthly Update on Progress Towards Valley Water Resolution 21-68's Water Use Reduction Target and Drought-Related Water Conservation Efforts. [21-0823](#)

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 response.

Manager: Vincent Gin, 408-630-2633

Attachments: [Attachment 1: June 2021 Drought Response Report](#)

Est. Staff Time: 30 Minutes

- 4.2. Review Water Conservation and Demand Management Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda. [21-0824](#)

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

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 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., on August 30, 2021, to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-08-21.



# Santa Clara Valley Water District

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**File No.:** 21-0822

**Agenda Date:** 7/26/2021  
**Item No.:** 3.1.

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## COMMITTEE AGENDA MEMORANDUM

### Water Conservation and Demand Management Committee

**SUBJECT:**

Approval of Minutes.

**RECOMMENDATION:**

Approve the June 21, 2021, 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: 06212021 WCaDMC Draft Minutes

**UNCLASSIFIED MANAGER:**

Michele King, 408-630-2711







WATER CONSERVATION AND DEMAND MANAGEMENT COMMITTEE MEETING

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# DRAFT MINUTES

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**MONDAY, JUNE 21, 2021  
11:00 AM**

A special scheduled meeting of the Water Conservation and Demand Management Committee was held on June 21, 2021, via zoom in San Jose, California.

**1. CALL TO ORDER/ROLL CALL**

Committee Chair, Director Linda J. LeZotte called the meeting to order at 11:00 a.m.

Board Members in attendance were: Committee Vice Chair, Director Nai Hsueh-District 5, Director Barbara Keegan-District 2, Committee Chair, Director Linda J. LeZotte-District 4.

Staff members in attendance were: Aaron Baker, Roseryn Bhudsabourg, Neeta Bijoor, Sam Bogale, Glenna Brambill, Bart Broome, Justin Burks, Rick Callender, Theresa Chinte, Melissa Fels, Paola Giles, Vincent Gin, Jason Gurdak, Linh Hoang, Brian Hopper, Jessica Lovering, Carlos Orellana, Melanie Richardson, Metra Richert, Don Rocha, Ashley Shannon, Kirsten Struve, Gregory Williams, Jing Wu, and Bhavani Yerrapotu.

Guest Agencies in attendance were: Diane Asuncion (City of Santa Clara), Michael Bolzowski (California Water Service Company), Kevin Carley (City of Palo Alto), Kurt Elvert and Bill Tuttle (San Jose Water Company), Anthony Eulo (City of Morgan Hill), Tim Guster (Great Oaks Water Company), Hon. Bryan Mekechuk (City of Monte Sereno).

Public in attendance were: Annette Duerksen, Pedro Hernandez, Erica Kudyba, Doug Muirhead, William (Bill) Sherman, Liann Walborsky, and Sharon Whaley.

**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 Keegan, and carried by unanimous vote, to approve the minutes of the May 10, 2021, Water Conservation and Demand Management Committee meeting as presented.

4. **ACTION ITEMS**

**4.1 UPDATE ON WATER CONSERVATION PROGRAMS AND ACTIVITIES FOLLOWING THE BOARD'S ADOPTION OF A RESOLUTION DECLARING A WATER SHORTAGE EMERGENCY CONDITION CALLING FOR WATER USE RESTRICTIONS AND URGING THE COUNTY OF SANTA CLARA TO PROCLAIM A LOCAL EMERGENCY**

Ms. Neeta Bijoor, Mr. Justin Burks, Ms. Linh Hoang, Ms. Paola Giles, and Ms. Kirsten Struve reviewed the materials as outlined in the agenda item.

The Water Conservation and Demand Management Committee discussed the following: new rebate increase, buckets, BeHeard, more direct links on information, summer campaign, County Board of Supervisors' proclamation, monthly updates, robust water conservation program, policy recommendations to the Board, percentages vs rates are confusing, water restrictions, Water Supply Master Plan (WSMP), 2040 goals-no regrets package, AML, Model Ordinance, leak repair, Resolution 21-68 items, alignment with electeds, community stakeholders and residents, yard signs, outreach, 'lessons learned' report, reporting on tracking resolution items, monthly committee meetings, retailers' component, website or social media hits, and messaging information needs to be clear.

Public Comments received:

Mr. William Sherman feels Valley Water is doing a great job, but some will not pay attention, postings on Nextdoor, and an anonymous letter about wasting water received several comments (he will send a copy).

Hon. Bryan Mekechuk wanted to offer feedback on what he is hearing, moving the 'needle', finding out water usage from the retailers, could billing be done every month, people being protective of their landscape investment, water retailers being more communicative, leaks are a big deal, are there any incentives, and retailers showing comparative data would be quite helpful.

Mr. Anthony Eulo noted retailers have to report on their water loss to the State, volumetric vs. rates, drought costs, meter readings. He appreciates Valley Water's support of agriculture (who are the largest water users), conservation making it a way of life message needs to continue, summit getting participants, weed abatement, fixing leaks, reaching out to those that have received rebates, and City of Morgan Hill will be looking at the Model Ordinance again.

Mr. Kevin Carley spoke about 'lessons learned' shared with Retailers (knowledge sharing), touchpoints, engaging customers, best practices, programs, referrals, NGO's being ambassadors, drought tolerance, and he agreed that percentages vs rates are confusing to customers.

The Water Conservation and Demand Management Committee took no action

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

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

The Committee will review the newly designed work plan, assign dates and items to reflect the nexus to the Water Supply Master Plan. Question on how Valley Water engages with the cities and if there is a report to review.

The Water Conservation and Demand Management Committee will schedule monthly meetings, toward end of each month.

Mr. Jason Gurdak responded to Mr. Doug Muirhead's comments from his handout:

*Doug Muirhead-email 6/18/2021.*

Dear Water Conservation and Demand Management Committee, A comment for Agenda Item 4.2: Work Plan Water Supply Master Plan Strategy 3: Optimize the Use of existing supplies and infrastructure 6 Sustainable Groundwater Management Plan (SGMA)

In response to the April 21, 2021 Drought Executive Proclamation, the California Department of Water Resources (DWR), in coordination with the State Water Resources Control Board, is advancing the development of principles and strategies related to groundwater management and drinking water well impacts by hosting Listening Sessions on June 29-30. Email comments are also accepted.

The Committee might be interested in having Staff report on this activity. My comment (to [sgmps@water.ca.gov](mailto:sgmps@water.ca.gov)) is below (was copied to Groundwater Mgmt Unit). Thank you for your consideration.

Doug Muirhead, Morgan Hill

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I would like to submit two comments for your consideration of draft principles and strategies for drinking water wells.

- 1) For analyzing, group wells by depth to reflect impact due to increments of groundwater level drop
- 2) For communicating impact, illustrate actual distribution of water wells.

##### Comment 1:

Valley Water (nee Santa Clara Valley Water District) is currently evaluating how many wells may go dry under the very low groundwater storage projected under the worst case for 2022 [special Board meeting 6/9/2021]. I suggest an inventory of wells grouped by depth so that we can see for each incremental decline in groundwater level which wells remain dry and which are next to go dry.

##### Comment 2:

For areas similar to southern Santa Clara County, where groundwater is the only potable water supply, I suggest messaging which shows the totality of wells by location. I have included an attachment that I call the "measles map" of actual well locations in south Santa Clara County. [Source: 2015 South County Recycled Water Master Plan Update, May 2016; Appendix G - Screening Level Assessment of Indirect Potable Reuse in the Llagas Subbasin, September 2015; Figure 11]

5. **CLERK REVIEW AND CLARIFICATION OF COMMITTEE'S REQUESTS**  
Ms. Glenna Brambill stated there were no action items for Board consideration.

6. **ADJOURNMENT**  
Committee Chair Director Linda J. LeZotte adjourned at 12:58 p.m.

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

Approved:



# Santa Clara Valley Water District

File No.: 21-0823

Agenda Date: 7/26/2021

Item No.: 4.1.

## COMMITTEE AGENDA MEMORANDUM

### Water Conservation and Demand Management Committee

#### SUBJECT:

Monthly Update on Progress Towards Valley Water Resolution 21-68's Water Use Reduction Target and Drought-Related Water Conservation Efforts.

#### 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 response.

#### SUMMARY:

On June 9, 2021, the Board declared a water shortage emergency condition pursuant to California Water Code §350 and called for a countywide water use reduction of 15% compared to 2019 in Santa Clara Valley Water District (Valley Water) Resolution 21-68. Urged by this resolution, the County proclaimed an emergency due to drought on June 22, 2021. California's Governor included Santa Clara County as part of a drought emergency proclamation on July 8, 2021.

Valley Water has been conducting a wide array of efforts to meet the water use reduction target of 15% compared to 2019, including coordinating with cities and retailers to implement water use restrictions, public messaging, and water conservation program implementation and expansion. An update on these efforts will be provided, and progress towards meeting the water use reduction target will be shared. In particular, the following items will be provided as requested by the Water Conservation and Demand Management Committee on June 21, 2021.

- Description of possible water waste restrictions provided as examples in Resolution 21-68. The source of these water waste restrictions is California Public Utilities Commission Resolution W-4976, where these are listed as examples of prohibited, nonessential, and/or unauthorized water use that may be considered by utilities.
- Water use data to track progress towards achieving the 15% call for water use reduction.
- Updates on Valley Water's coordination with cities and retailers to implement water use restrictions and other water use reduction efforts.
- Update on planning a summit focused on drought topics.
- Updates on Valley Water's water conservation programs, messaging campaign, and resource needs.
- Valley Water's Leak Detection and Repair Certification Pilot Program.

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**File No.:** 21-0823

**Agenda Date:** 7/26/2021  
**Item No.:** 4.1.

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**ATTACHMENTS:**

Attachment 1: June 2021 Drought Response Report

**UNCLASSIFIED MANAGER:**

Vincent Gin, 408-630-2633

# Drought Response Report

June 2021

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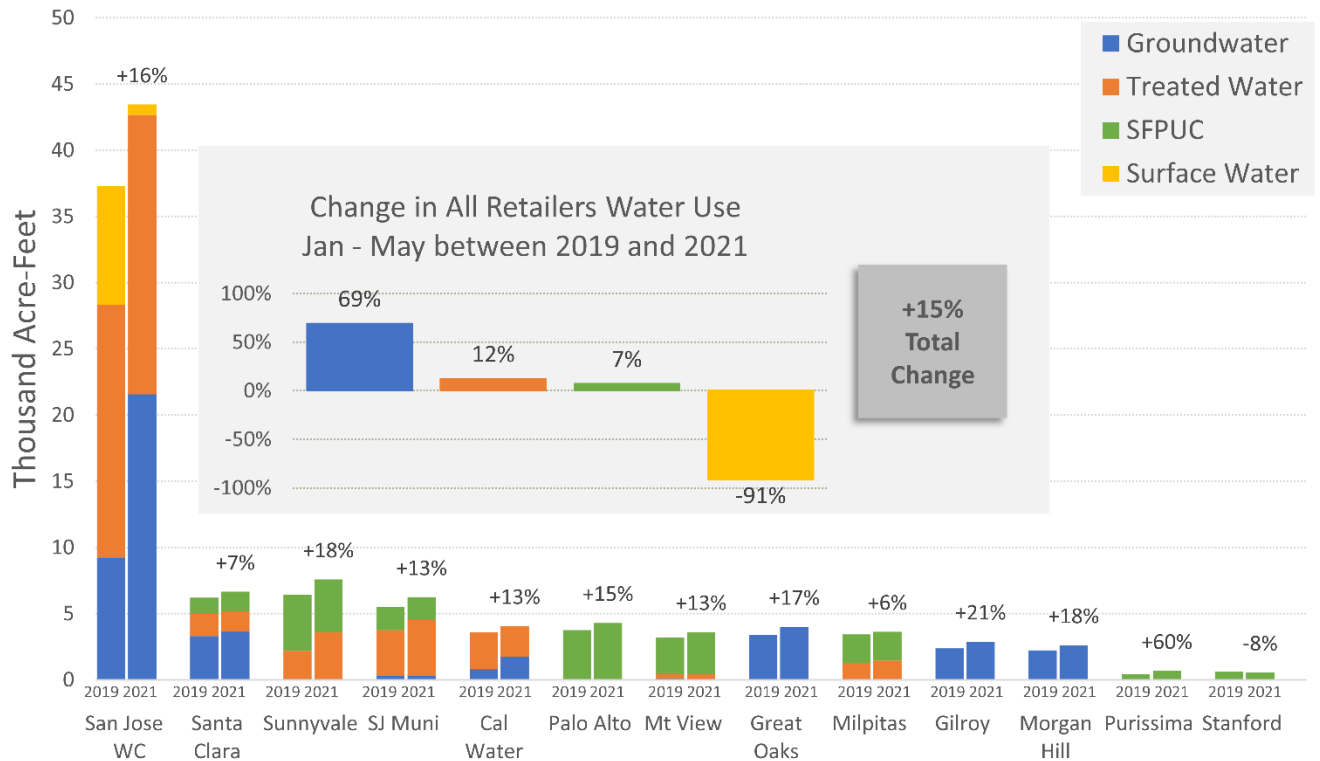
## Resolution 21-68 Implementation

On June 9, 2021, the Board adopted Valley Water Resolution 21-68 to declare a water shortage emergency condition pursuant to California Water Code §350, called for water use restrictions of 15% compared to 2019, and urged the County of Santa Clara (County) to proclaim a local emergency.

### Collaboration with the County, Retailers, Cities

- The County Director of Emergency Services signed the County's drought emergency proclamation on June 15, 2021 and it was ratified by the Board of Supervisors on June 22, 2021.
- On June 29, 2021, a letter from Chair Estremera was sent to all Mayors and City Councils in Santa Clara County informing them of the County's Proclamation of Local Emergency.
- A meeting with Valley Water staff was offered to all 15 municipalities to help review and support local water waste reduction measures. As part of the ongoing drought response outreach, staff is continuing to engage and follow up with local government officials to agendaize drought response actions on Council calendars, including encouraging municipalities to implement water shortage contingency plans.
- Retailers, including those that are cities, have begun implementing water use restrictions in response to the call for water use reduction, or have added additional restrictions to existing ones. Links to retailers' restrictions are posted online (<https://www.valleywater.org/your-water/find-your-water-retailer>).
- The investor-owned retailers Great Oaks Water Company and California Water Service are implementing surcharges for water use in excess of allocations, which were requested to become effective July 13<sup>th</sup> and July 14<sup>th</sup>, respectively.
- Valley Water staff have been communicating with retailers at Water Conservation Retailer Subcommittee meetings as well as the Bay Area Water Supply and Conservation Agency (BAWSCA) to enable consistent public messaging regarding water conservation and restrictions.
- Letters were sent to retailers to inform them of treated water contract changes as a result of the call for water use reduction. Meetings were conducted with retailers to discuss the changes.
- The graphs below show year-to-date retailer water use compared with water use from the same months in 2019. This data reflects water use prior to Valley Water's June 9, 2021 resolution calling for water use reduction.

## Total Water Use Through May



Water Retailer and Year

Water Retailer	Total Water Use Through May 2019 (AF)					Total Water Use Through May 2021 (AF)				
	Ground Water	Treated Water	SFPUC	Surface Water	Total	Ground Water	Treated Water	SFPUC	Surface Water	Total
San Jose Water Company	9,231	19,094	-	8,972	37,298	21,560	21,096	-	794	43,450
Santa Clara, City	3,308	1,663	1,239	-	6,210	3,643	1,542	1,464	-	6,650
Sunnyvale	39	2,150	4,219	-	6,408	39	3,550	3,990	-	7,579
San Jose Municipal Water	314	3,448	1,750	-	5,512	279	4,238	1,728	-	6,245
California Water Service	795	2,814	-	-	3,609	1,765	2,302	-	-	4,067
Palo Alto	-	-	3,751	-	3,751	-	-	4,297	-	4,297
Mountain View	98	317	2,784	-	3,199	55	355	3,200	-	3,610
Great Oaks	3,410	-	-	-	3,410	4,004	-	-	-	4,004
Milpitas	-	1,291	2,135	-	3,426	-	1,454	2,178	-	3,631
Gilroy	2,381	-	-	-	2,381	2,885	-	-	-	2,885
Morgan Hill	2,223	-	-	-	2,223	2,625	-	-	-	2,625
Purissima Hills Water	-	-	419	-	419	-	-	671	-	671
Stanford	-	-	603	-	603	-	-	554	-	554
<b>Total</b>	<b>21,800</b>	<b>30,776</b>	<b>16,900</b>	<b>8,972</b>	<b>78,448</b>	<b>36,854</b>	<b>34,537</b>	<b>18,083</b>	<b>794</b>	<b>90,268</b>



Water Conservation Programs

The Landscape Rebate Program provides rebates for converting high-water use landscape to low-water use landscape, as well as retrofitting existing irrigation equipment with approved high-efficiency irrigation equipment. The Shopping Cart Program offers free water conservation devices to homes and businesses. The Water Waste Program enables callers to confidentially report water waste and leaks, which are addressed through educational assistance. The table below shows the latest monthly participation data available.

<b>Program</b>	Jan	Feb	Mar	Apr	May	Jun*	<b>Total</b>
Landscape Rebate Program Applications	47	62	86	251	221	165	832
Conservation Device Orders**	2	7	9	372	750	445	<b>1,585</b>
Water Waste Reports	5	4	28	42	53	169	<b>301</b>

\*June 1- 29, 2021

\*\*The Shopping Cart Program, launched in April, led to an increase in conservation device orders.

Drought and Water Conservation Outreach

Valley Water’s multilingual water conservation campaign promotes water conservation as a way of life, being drought-ready, and Valley Water’s many conservation programs. The campaign includes ads on TV, radio, online, social media and print.

- Staff launched an interactive “BeHeard” webpage on June 17 to describe drought conditions and Valley Water’s water conservation efforts and programs.
- Since the spring campaign launch on April 1, 2021, there have been 18.6 million impressions and 150,000 visits to Watersavings.org.

<b>Outreach Type</b>	<b>Jun 2021*</b>
<b>Social Media</b>	
Impressions	1,219,321
Engagements	31,431
Link Clicks	8,294
<b>Website Visits</b>	
Watersavings.org	57,329
BeHeard.ValleyWater.org	205
<b>Media</b>	
Media Mentions**	1,889

\* June 1-29, 2021

\*\*Includes TV, radio, social media, online and print

- Staff also provided letters to surface water users to inform them of the call for water use reduction and encourage participation in Valley Water’s conservation programs. Letters to the agricultural community for the same purpose are in development.

Drought and Water Conservation Education

Valley Water’s education program fully incorporated a drought and water conservation curriculum in all their programming to youth and educators beginning in May 2021. The following table shows the latest monthly data available on numbers of individuals and groups taught about drought and conservation.

<b>Program</b>	May 2021	June 2021
Educators/Teachers	52	19
Classes/Groups	58	18
Students	1,483	415

Committee Updates

Drought-related updates were scheduled for Agricultural Water Advisory Committee and Water Commission meetings, and will be provided to these committees regularly. Monthly meetings of the Water Conservation and Demand Management Committee were scheduled to guide staff.

**Water Supply Operations and Outlook**

Imported Water

The following water transfers were approved in June 2021.

- 7,850 acre-feet (AF) from City of Sacramento and Carmichael Water District (June 18)
- 8,000 AF from South Feather Water And Power Agency (June 10)
- 3,500 AF from Thermalito Water and Sewer District (June 8)
- 5,000 AF from Contra Costa Water District (June 8)

To date in 2021, staff has secured agreements for 59,000 AF of transfer supplies, before taking into account conveyance losses across the Delta. It is likely that the City of Sacramento and Carmichael Water District will be curtailed by the State Water Board, which could reduce the transfer amount.

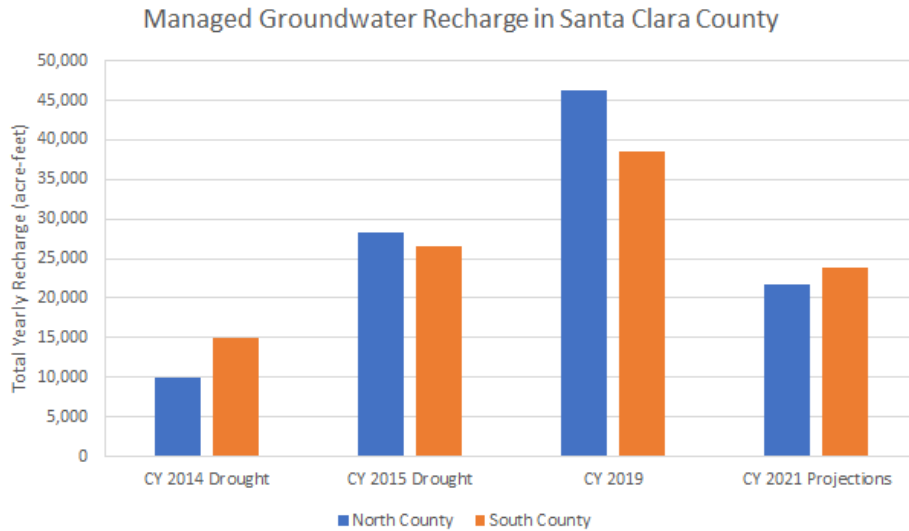
Treated Water

- There were no reports of taste or odor issues for treated water in June 2021.

Groundwater Recharge

- Starting in May 2021, the managed groundwater recharge program was scaled back due to the reduction in imported water allocations.
- The current operations plan for calendar year (CY) 2021, which is subject to change, is to provide a total of about 46,000 acre-feet of managed groundwater recharge in Santa Clara County. The

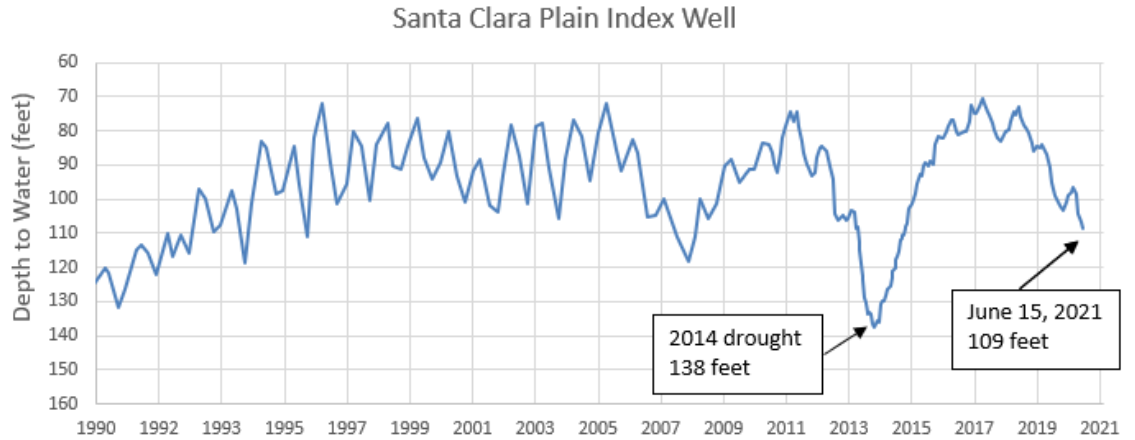
graph below shows a comparison of projected managed recharge in CY 2021 vs. 2019 (non-drought year) and 2014 & 2015 (drought years).



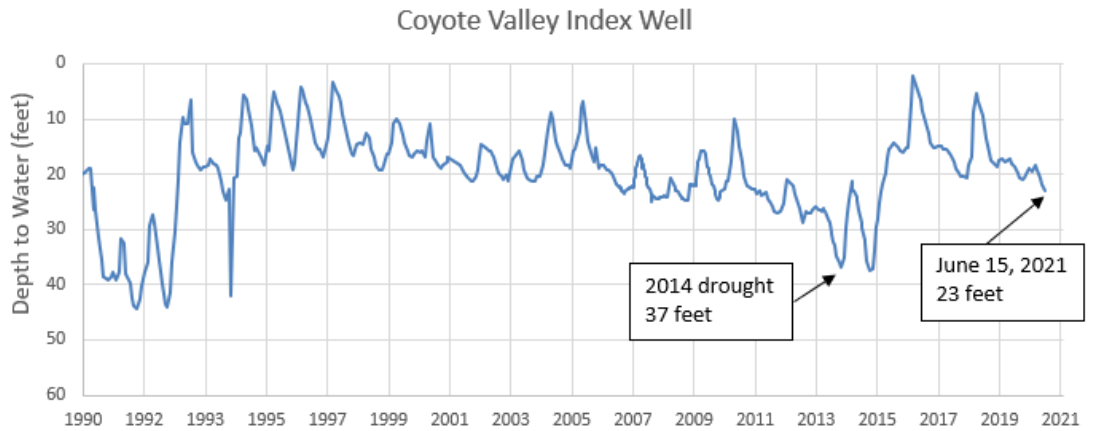
- Imported water is not being released into Santa Clara County streams except for up to 9 cfs into Coyote Creek. These minimal releases are being made due to Anderson Reservoir being drawn down to “deadpool” (or 3% of total storage capacity) per the Federal Energy Regulatory Commission’s order.
- Minimal local water releases are being made from Valley Water reservoirs due to low storage conditions resulting from the exceptionally dry winter. Releases into streams do provide some benefit for groundwater recharge, as well as aquatic and riparian habitats.

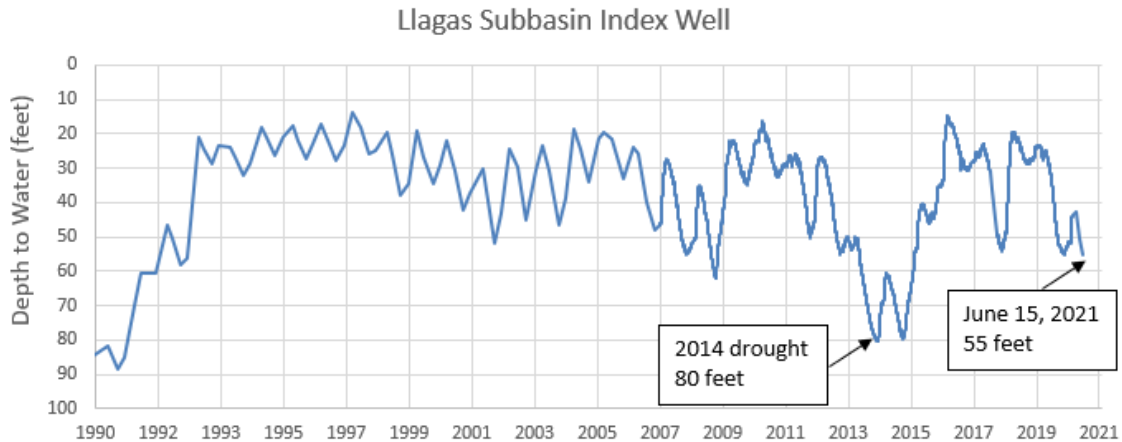
Groundwater Conditions:

- Countywide groundwater levels and storage continue to decline due to the extreme drought and increased pumping. Without emergency imported water supplies and additional water use reduction by the community, groundwater levels and storage in 2022 are projected to drop well below what was observed in the 2012 to 2016 drought. This would greatly increase the risk of resumed subsidence in North County and wells going dry, particularly in South County. Current conditions in both areas are described below.
- North County Conditions
  - Groundwater conditions continue to worsen due to the drought and increased pumping, which is 138% of the five-year average.
  - As shown below, groundwater levels in the Santa Clara Plain index well continue to decline, with a similar pattern as the 2012-2016 drought. The current water level is about 30 feet above the minimum water level in 2014. The water level at this well has dropped about 15 feet within the last year.
  - Groundwater levels are 50 to 75 feet above thresholds established to minimize the risk of permanent subsidence.
  - No reports of dry wells have been received.



- South County Conditions
  - Groundwater pumping is 100% to 123% of the five-year average in the Coyote Valley and Llagas Subbasin, respectively.
  - Groundwater levels in the Coyote Valley and Llagas Subbasin index wells have dropped about 5 to 20 feet over the last year and continue to decline as shown below. The current water level in the Coyote Valley and Llagas Subbasin index wells is about 15 to 25 feet above the respective minimum water levels in 2014.
  - No reports of dry wells have been received.






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#### 4. State and Federal Coordination

- Since the Board’s declaration of a water shortage emergency condition on June 9, Valley Water staff has briefed appropriate policy staff with all the members of state and federal legislative delegations for Santa Clara County.
- At the state level, staff has briefed two State Water Resources Control Board members, as well as senior staff of the Governor’s Office, the California Environmental Protection Agency, the State Water Resources Control Board, the California Department of Fish and Wildlife, the California Department of Food and Agriculture, the California Department of Water Resources, and the San Francisco Bay Regional Water Quality Control Board.
- At the federal level, staff has briefed congressional staff and the U.S. Bureau of Reclamation to advocate for protecting Valley Water’s municipal and industrial allocation, including to meet our county’s public health and safety needs.
- In these briefings, staff have underscored the urgency of the water shortage emergency condition, advocated for the expansion of drought emergency declarations, and urged state and federal authorities to ensure Valley Water’s imported water allocations, emergency water transfers, and critical water exchanges are protected amid worsening drought conditions across California.

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#### 5. Staffing and Resources

- Two part-time interns were hired in June. Two full-time limited term positions, two part-time temporary staff, and two more part-time interns are in recruitment to support the increased demand for conservation programs.
  - A new drought charge code was developed to track drought expenditures. Staff began using this drought code in June. Expenditures will be presented in future drought reports.
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## 6. Expanded Opportunities

### Advanced Purified Water

- Valley Water continued to negotiate a lease and Reverse Osmosis (RO) concentrate management agreement with Palo Alto. A Request for Qualifications (RFQ) for the Purified Water Project Public Private Partnership (P3) was posted April 30, 2021, with responses due July 2021.

### Model Water Efficient Ordinance for New Development

The Model Water Efficient New Development Ordinance (MWENDO) was developed by a task force consisting of Valley Water, Santa Clara County, cities, and other stakeholders to ensure new development meets strong water efficiency standards.

- Valley Water staff has been actively working to have the MWENDO adopted by the 15 cities and County within Valley Water's service area. However, the ramifications of the COVID-19 pandemic and the economic fallout shifted various cities' priorities and staffing capacity. With the timing of the Title 24 triennial code adoption update beginning later this year and the current drought emergency, staff will again begin to engage with Cities to adopt the MWENDO.

### Leak Assistance Program Pilot

- Valley Water in collaboration with BAWSCA developed a proposal to pilot a leak detection certification program for professionals. The pilot was approved in late June, with the selection of the California Water Efficiency Partnership (CalWEP) as the contractor.

### Agricultural Baseline Study

- Valley Water is currently conducting an Agricultural Water Use Baseline Study (Study), expected to be completed in 2022. The study aims to better understand current agricultural water use practices and identify opportunities to expand water conservation programs offered to the agricultural community. University of California, Merced was selected as the contractor for this study.



# Santa Clara Valley Water District

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**File No.:** 21-0824

**Agenda Date:** 7/26/2021

**Item No.:** 4.2.

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## COMMITTEE AGENDA MEMORANDUM

### Water Conservation and Demand Management

**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 Board-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

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**File No.:** 21-0824

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**UNCLASSIFIED MANAGER:**  
Michele King, 408-630-2711



# Water Conservation and Demand Management Committee Workplan 2021

Item No.	Workplan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
<b>Water Supply Master Plan Strategy 1: Secure Existing Supplies</b> Goal: 99,000 AF conservation by 2030				
1	Monitor progress in achieving water conservation goal: <ul style="list-style-type: none"> <li>• Amount of water conserved</li> <li>• Water conservation program success metrics (participation, lawn conversion, etc)</li> <li>• Water conservation outreach success metrics</li> <li>• Collaboration with retailers</li> <li>• Communicating about water waste</li> <li>• Engage and support private-sector stakeholders, local, state, and federal agencies that promote water conservation.</li> <li>• Drought Updates – progress toward 15% reduction compared to 2019, specific actions</li> </ul>	Annually (April)  August 2021  August 2021  October  Monthly (July 26, 2021)	Discussion/Action Items	<p style="background-color: yellow;"><b>Accomplished March 30, 2021:</b></p> <p>The Committee reviewed and discussed voluntary call for conservation and took the following action: The Committee voted unanimously to increase the Landscape Rebate Program to \$2.00 a square foot. <i>Board approved at its meeting on April 27, 2021.</i></p> <p style="background-color: yellow;"><b>Accomplished April 12, 2021:</b></p> <p>The Committee received updated information on the 2021 Water Supply Conditions and Water Conservation Program and took the following action: The Committee by a roll call vote unanimously approved</p> <ol style="list-style-type: none"> <li>1. Support maintaining current voluntary call for conservation</li> <li>2. Recommends the Board direct staff to increase water conservation messaging, programs to</li> </ol>

# Water Conservation and Demand Management Committee Workplan 2021

Item No.	Workplan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>inspire additional water savings, and</p> <p>3. The Committee also recommended the outreach messaging include the following suggestions since the messaging is being developed to tailor the message:</p> <ul style="list-style-type: none"> <li>• To those that are conserving vs those that are not, (what should be done if someone is not conserving),</li> <li>• Encourage those that are already conserving and what tools/suggestions for them to continue,</li> <li>• To be user-friendly,</li> <li>• That the 20% water conservation message mention the base year (2013 or other year)</li> <li>• Conservation goal objective be clear— whether a number of 15% or 20% is going to be used (or not).</li> </ul>

# Water Conservation and Demand Management Committee Workplan 2021

Item No.	Workplan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p><i>Board approved at its meeting on April 27, 2021, with a recommended conservation goal objective of 25%.</i></p> <p><b>Accomplished May 10, 2021:</b> The Committee received an update on the Water Conservation Program and Spring and Summer Outreach Campaigns and took no action.</p>
2	<p>Recommend policies towards water conservation goal:</p> <ul style="list-style-type: none"> <li>• Water Conservation Strategic Plan</li> <li>• Making Water Conservation a Way of Life</li> <li>• Review the current 15% call for water use reduction compared to 2019 water use</li> <li>• New programs</li> <li>• SCW funding</li> </ul>	<p>August 2021</p> <p>Sept 2021</p>	<p>Discussion/Action Items</p>	
<p><b>Water Supply Master Plan Strategy 2:</b> 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.</p>				
3	<p>Monitor progress in achieving the long-term water conservation and stormwater capture goal:</p>	<p>Sept. 2021</p> <p>August 2021</p>	<p>Discussion/Action Items</p>	

# Water Conservation and Demand Management Committee Workplan 2021

Item No.	Workplan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
	<ul style="list-style-type: none"> <li>• Investments in no-regrets package/stormwater resource plan implementation</li> <li>• Ag Baseline study</li> <li>• Collaboration with UC Water on Flood Managed Aquifer Recharge (FloodMAR)</li> </ul>			
4	Recommend policies towards achieving long-term water conservation goal <ul style="list-style-type: none"> <li>• Collaboration on ordinances</li> </ul>	2022	Discussion/Action Items	
<b>Water Supply Master Plan Strategy 3: Optimize the Use of existing supplies and infrastructure</b>				
5	South County Recharge	TBD	Discussion/Action Items	
6	Sustainable Groundwater Management Plan (SGMA) <ul style="list-style-type: none"> <li>• Updates on our 2021 Groundwater Management Plan</li> <li>• New Groundwater Sustainability Plan (GSP) for North San Benito Subbasin</li> </ul>	July 26, 2021 August 2021 Sept 2021 Oct 2021	Discussion/Action Items	<b>Accomplished May 10, 2021:</b> The Committee received an update on the Sustainable Groundwater Management Act and took no action.
<b>Future Demand Projections</b>				
7	Monitor progress and recommend policies	August 2021	Discussion/Action Items	<b>Accomplished May 10, 2021:</b> The Committee received a presentation on the

# Water Conservation and Demand Management Committee Workplan 2021

Item No.	Workplan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
	<ul style="list-style-type: none"> <li>• Monitoring and Assessment Program: Risk Assessment and Climate Analysis</li> <li>• Urban Water Management Plan</li> <li>• CCAP water supply portion</li> <li>• Water Shortage Contingency Plan update</li> </ul>	<p style="text-align: center;">Done</p> <p style="text-align: center;">Jan 2022</p>		<p>Monitoring Assessment Program Update: Risk Assessment and Climate Analysis and took no action.</p> <p><b>Accomplished May 10, 2021:</b> The Committee received an update on the 2020 Urban Water Management Plan and took the following action: By unanimous roll call vote the Committee approved staff's recommendation to take the 2020 Urban Water Management plan to the Board on June 8<sup>th</sup> for the Board to consider a public hearing and adoption of the Plan.</p>
<b>Work Plan Updates</b>				
<b>8</b>	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><b>Accomplished March 30, 2021:</b> The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took no action, however, the Committee would like to connect items to</p>

# Water Conservation and Demand Management Committee Workplan 2021

Item No.	Workplan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				<p>the 2040 Water Supply Master Plan.</p> <p><b>Accomplished April 12, 2021:</b> The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took no action, however, Committee Vice Chair Nai Hsueh will work on the Committee's work plan since meeting with the Chair would constitute a quorum.</p> <p><b>Accomplished May 10, 2021:</b> The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work Plan and took no action, however, Committee Vice Chair Nai Hsueh will work on the Committee's newly revised work plan with staff for future meetings</p> <p><b>Accomplished June 21, 2021:</b> The Committee reviewed and discussed the Water Conservation and Demand Management Committee Work</p>

# Water Conservation and Demand Management Committee Workplan 2021

Item No.	Workplan Item	Meeting Date	Discussion/Action Item	Accomplishment Date and Outcome
				Plan and took no action, will use the new work plan and making assignments.
<b>Additional Items:</b>				

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