



April 12, 2023

AMENDED

**MEETING NOTICE
SANTA CLARA VALLEY WATER DISTRICT**

JOINT WATER RESOURCES COMMITTEE WITH CITIES OF GILROY AND MORGAN HILL

Members of the Joint Water Resources Committee:

District 1 Director John Varela - Committee Chair
Hon. Marie Blankley, Mayor, City of Gilroy - Committee Vice Chair
District 3 Director Richard Santos
Hon. Dion Bracco, Council Member, City of Gilroy
*Hon. Yvonne Martinez-Beltran, Council Member, City of Morgan Hill
Hon. Rene Spring, Council Member, City of Morgan Hill

Valley Water Staff Support of the Joint Water Resources Committee:

Rick Callender, Chief Executive Officer
Melanie Richardson, Asst. Chief Executive Officer
Chris Hakes, Acting Asst. Chief Executive Officer
Aaron Baker, Chief Operating Officer, Water Utility
Bhavani Yerrapotu, Acting Chief Operating Officer
Rechelle Blank, Chief Operating Officer, Watersheds
Rachael Gibson, Chief of External Affairs
Carlos Orellana, District Counsel
Michele King, Clerk, Board of Directors
Anthony Fulcher, Senior Assistant District Counsel
Don Rocha, Deputy Administrative Officer, External Affairs
Vincent Gin, Deputy Operating Officer, Water Supply Division
Emmanuel Aryee, Deputy Operating Officer, Water Utility Capital
Sam Bogale, Deputy Operating Officer, Treated Water Division
Greg Williams, Deputy Operating Officer, Raw Water Division
Kirsten Struve, Assistant Officer, Water Supply Division
Hossein Ashktorab, Recycled & Purified Water Manager
Girle Jacobson, Senior Engineer – Treatment Plant Design
David Tucker, Associate Engineer - Civil
Elise Latedjou-Durand, Senior Environmental Planner
Neeta Bijoor – Associate Water Resource Specialist
James Randol, Security Manager
Eva Sans, Assistant Deputy Clerk II

A Santa Clara Valley Water District special Joint Water Resources Committee meeting has been scheduled to begin at 9:00 a.m. on Thursday, April 20, 2023, at the Gilroy Council Chambers, 7351 Rosanna Street, Gilroy, CA 95020.

This meeting is in-person only.

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

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Santa Clara Valley Water District Joint Water Resources Committee with Cities of Gilroy and Morgan Hill

Gilroy Council Chambers
7351 Rosanna Street, Gilroy, CA 95020

This meeting is in-person only.

SPECIAL MEETING AGENDA Amended

**Thursday, April 20, 2023
9:00 AM**

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

COMMITTEE MEMBERS:

Hon. John Varela, Director District 1, Chair
Hon. Marie Blankley, Mayor, Gilroy, Vice Chair
Hon. Richard Santos, Director District 3
Hon. Dion Bracco, Council Member, Gilroy
Hon. Yvonne Martinez, Council Member,
Morgan Hill
Hon. Rene Spring, Council Member, Morgan Hill

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

COMMITTEE LIAISON:
Kirsten Struve

COMMITTEE CLERK:
Eva Sans
Assistant Deputy Clerk II
408-265-2306
esans@valleywater.org
www.valleywater.org

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

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**Santa Clara Valley Water District
Joint Water Resources Committee with Cities of Gilroy and Morgan Hill**

**SPECIAL MEETING AGENDA
AMENDED**

Thursday, April 20, 2023

9:00 AM

Headquarters Building Boardroom
5700 Almaden Expressway, San Jose, CA 95118

This is an in-person only meeting.

1. CALL TO ORDER:

1.1. Roll Call.

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

Speakers comments should be limited to three 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. ELECTION OF OFFICERS:

***3.1.** Election of 2023 Committee Chair and Vice-Chair.

[23-0004](#)

Recommendation: Elect the 2023 Chair and Vice-Chair.

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

Est. Staff Time: 5 Minutes

4. APPROVAL OF MINUTES:

4.1. Approval of October 5, 2022 Joint Water Resources Committee Meeting Minutes.

[22-1398](#)

Recommendation: Approve the minutes.

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

Attachments: [Attachment 1: 100522 JWRC Minutes](#)

Est. Staff Time: 5 Minutes

5. ACTION ITEMS:

5.1. South County Water Reuse Collaboration and Implementation. [22-1401](#)

Recommendation: Receive update and provide feedback on Technical Working Group discussions related to South County Water Reuse Collaborations:

- A. Interagency Agreements
- B. Master Planning Activities
- C. Recycled Water Development

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint](#)

Est. Staff Time: 20 Minutes

5.2. Santa Clara County Drought Conditions. [23-0446](#)

Recommendation: Receive an update on water conservation efforts and latest actions relevant to the overall drought emergency response and provide feedback to staff.

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint](#)
[Attachment 2: February 2023 Drought Response Report](#)

Est. Staff Time: 15 Minutes

5.3. Review and Accept the Joint Water Resources Committee 2022 Accomplishment Report, 2023 Proposed Work Plan, and Next Meeting Date. [22-0908](#)

Recommendation: A. Review and accept the 2022 Accomplishment Report;
B. Review and accept the 2023 Proposed Work Plan; and
C. Confirm next meeting date.

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

Attachments: [Attachment 1: 2022 JWRC Accomplishment Report](#)
[Attachment 2: 2023 Proposed JWRC Work Plan](#)

Est. Staff Time: 5 Minutes

6. 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.

7. ADJOURN:



Santa Clara Valley Water District

File No.: 23-0004

Agenda Date: 4/20/2023

Item No.: *3.1.

COMMITTEE AGENDA MEMORANDUM

Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

SUBJECT:

Election of 2023 Committee Chair and Vice-Chair.

RECOMMENDATION:

Elect the 2023 Chair and Vice-Chair.

SUMMARY:

Per the Board Resolution, the duties of the Chair and Vice-Chair are as follows:

The officers of each Committee shall be a Chairperson and Vice-Chairperson, both of whom shall be members of that Committee. The Chairperson and Vice-Chairperson shall be elected by the Committee, each for a term of one year commencing on January 1 and ending on December 31 and for no more than two consecutive terms. The Committee shall elect its officers at the first meeting of the calendar year. All officers shall hold over in their respective offices after their term of office has expired until their successors have been elected and have assumed office.

The Chairperson shall preside at all meetings of the Committee, and he or she shall perform other such duties as the Committee may prescribe consistent with the purpose of the Committee.

The Vice-Chairperson shall perform the duties of the Chairperson in the absence or incapacity of the Chairperson. In case of the unexpected vacancy of the Chairperson, the Vice-Chairperson shall perform such duties as are imposed upon the Chairperson until such time as a new Chairperson is elected by the Committee.

Should the office of Chairperson or Vice-Chairperson become vacant during the term of such office, the Committee shall elect a successor from its membership at the earliest meeting at which such election would be practicable, and such election shall be for the unexpired term of such office.

Should the Chairperson and Vice-Chairperson know in advance that they will both be absent from a meeting, the Chair may appoint a Chairperson Pro-tempore to preside over that meeting. In the event of an unanticipated absence of both the Chairperson and Vice-Chairperson, the Committee may elect a Chairperson Pro-tempore to preside over the meeting in their absence.

BACKGROUND:

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.

The Board may also establish Ad-hoc Committees to serve in a capacity as defined by the Board and will be used sparingly.

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193



Santa Clara Valley Water District

File No.: 22-1398

Agenda Date: 4/20/2023

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM **Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA**

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Approval of October 5, 2022 Joint Water Resources Committee Meeting Minutes.

RECOMMENDATION:

Approve the minutes.

SUMMARY:

In accordance with the Ralph M. Brown Act, 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 to the Committee for review and approval.

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

ATTACHMENTS:

Attachment 1: 10/05/22 JWRC Minutes

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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SOUTH COUNTY REGIONAL
WASTEWATER AUTHORITY

**JOINT WATER RESOURCES COMMITTEE
(CITY OF GILROY, CITY OF MORGAN HILL AND VALLEY WATER)**

DRAFT MINUTES

WEDNESDAY, OCTOBER 5, 2022

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER

A meeting of the Joint Water Resources Committee (City of Gilroy, City of Morgan Hill, and Valley Water) (Committee) was called to order at 9:00 a.m. via Zoom teleconference.

1.1 ROLL CALL

Committee Members in attendance via Zoom were: Hon. Gilroy Mayor Marie Blankley and Councilmember Dion Bracco; Hon. City of Morgan Hill Councilmembers Rene Spring and John McKay; Hon. Valley Water District 3 Director Richard Santos and District 1 Director Chairperson John L. Varela. A quorum was established. Hon. Morgan Hill Councilmember John McKay, arrived as noted below.

Valley Water staff in attendance: Emmanuel Aryee, Neeta Bijoor, Sam Bogale, Glenna Brambill, Lakeisha Bryant, Rolando Bueno, Vanessa De la Piedra, Candice Kwok-Smith, Donald Rocha, Kirsten Struve, Charlene Sun, and David Tucker.

Guest in Attendance were: Daryl Jordan and Saeid Vaziry, City of Gilroy; and Chris Ghione, City of Morgan Hill.

Public in Attendance was: Doug Muirhead, Morgan Hill resident.

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

There was no one present who wished to speak.

3. APPROVAL OF MINUTES.

3.1 APPROVAL OF MINUTES

It was moved by Councilmember Rene Spring, seconded by Director Richard P. Santos, to approve the July 6, 2022, Joint Water Resources Committee meeting minutes as presented with a note that the Committee was to review the agreement.

4. ACTION ITEMS.

4.1 RECEIVE UPDATE ON SOUTH COUNTY WATER REUSE COLLABORATION

Recommendation: Receive update and provide feedback on Technical Working Group discussions related to South County Water Reuse Collaborations:

- A. Interagency Agreements
- B. Master Planning Activities
- C. Recycled Water Development

Kirsten Struve, Assistant Officer, stated that this item would be a joint report by Valley Water and the Cities of Gilroy and Morgan Hill; that the Amended Producer-Wholesaler Agreement, Agreement No. A2280W-4, was being reviewed by the legal department of each respective agency; and that staff was expecting without making a commitment that it would be presented to this Committee at the January 2023 meeting.

For the reporting period July to September 2022, David Tucker, Associate Engineer - Civil, reported on the updates made on the Agreement No. A2280W-4; Chris Ghione, City of Morgan Hill Public Service Director, reported on the updates to the 2015 South County Recycled Water Master Plan; and Daryl Jordan, City of Gilroy Public Works Director, reported on the pipeline construction activities in south county.

The Committee received the following information without taking formal action:

- On an update to the twenty-year-old Agreement No. A2280W-4, current regulatory requirements have been added, the original 20-year term have been changed to five years with automatic renewal, this Committee's structure, roles, and responsibilities, as well as the Technical Working Groups recurring meeting schedule were integrated on the revised draft agreement.
- On an update to the 2015 South County Water Reuse Master Plan, Akel Engineering consultants had been providing assistance, current or potential users were updated as well as recommendations on expansion to the water distribution system were added.
- On an update to the construction activities of the South County Recycled Water Pipeline Project, the construction milestone includes micro-tunneling and pipeline installation in Uvas Creek. Anticipated completion of Phases 1B, 2A and 2B is end of the year while the Notice of Completion and Board acceptance of the completed project is estimated to be October 2023. The project is 75% complete and on budget. In response to Mayor Blankley's inquiry on when the Luchessa segment would be finished, staff estimated to be end of the year, and with far less construction impact to community.

Doug Muirhead, a City of Morgan Hill resident, requested improvement in timing of making these project updates available from the current every-three-month meeting schedule as well as information on milestones reached. Chairperson Varela assured Doug Muirhead and the public that information are reported out expeditiously at this Committee's meetings.

The Committee noted the information without formal action.

4.2 DROUGHT EMERGENCY RESPONSE AND WATER SUPPLY UPDATE

Recommendation: Receive Drought Emergency Response and Water Supply Update.

Neeta Bijoor, Senior Water Specialist, reviewed the information on this item, per the attached Committee Agenda Memo, and per the information contained in Attachment 1.

The Committee received the following information without taking formal action.

- The county is now 3 years on drought, and that the eastern part of the county had been updated to Extreme Drought (Level 3) recently.
- The 9,000 e-cart orders on Slide 5 of Attachment 1 were not covering all residents and areas of the City of Morgan Hill since newly built homes already have water-saving devices.
- Chairperson Varela encouraged the cities to do more on their message given the popularity of the Landscape Rebate Program which would eventually be extended to business and industrial users.

4.3. REVIEW 2021 JOINT WATER RESOURCES COMMITTEE WORK PLAN.

Glenna Brambill and Kirsten Struve reviewed the materials as outlined in the agenda item.

- South County Water Reuse and Collaboration Update – item that would include 2015 South County Water Reuse Master Plan and Agreement No. A2280W-4 updates;
- Drought Update;
- Water Purification Potential For Future Water Supply – new item requested by Chairperson Varela for staff to present on sustainability water supply for the future and to be able to recharge that water into groundwater and as a sustainable source for the future; and
- Election of New Officers – Chairperson Varela announced that new members may come on board after the November elections.

The Joint Water Resources Committee took no action, however, it was requested that the date of the next meeting be placed on the agenda moving forward; and that future meetings would coincide with SCRWA meeting schedule.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

Glena Brambill noted there were no action items for Committee consideration.

6. ADJOURNMENT

Committee Chair Director Varela adjourned the meeting at 10:02 a.m., to the next scheduled meeting on January 4, 2023, after the 8:00 a.m. SCRWA meeting. Subsequently, the January 4, 2023 meeting was cancelled.

Submitted by:

Attachment 1
Page 3 of 4

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

Approved:



Santa Clara Valley Water District

File No.: 22-1401

Agenda Date: 4/20/2023

Item No.: 5.1.

COMMITTEE AGENDA MEMORANDUM **Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA**

Government Code Section 84308 Applies: Yes ☐ No ☒
(If "YES" Refer to Attachment A)

SUBJECT:

South County Water Reuse Collaboration and Implementation.

RECOMMENDATION:

Receive update and provide feedback on Technical Working Group discussions related to South County Water Reuse Collaborations:

- A. Interagency Agreements
- B. Master Planning Activities
- C. Recycled Water Development

SUMMARY:

The Santa Clara Valley Water District (Valley Water), the City of Gilroy, and the City of Morgan Hill have a long history of collaboration to ensure the utilization and expansion of non-potable water reuse in South Santa Clara County (South County). In 2017, Valley Water established the Joint Water Resources Committee (Committee) with elected officials representing the Cities of Gilroy and Morgan Hill to pursue collaborative relationships and agreements to support water reuse expansion. In 2021, the Committee subsequently recommended the establishment of a Technical Working Group (TWG) to evaluate future water reuse opportunities, including:

- One Comprehensive Water Reuse Agreement,
- Consistent water reuse terms and conditions countywide,
- Provisions to advance water reuse and purified water production, distribution, and wholesaling, and
- Cost sharing accords to integrate water conservation, water reuse, and water supply.

The Committee's recommendation was subsequently discussed and approved at a special joint meeting of the Valley Water Board and the City Councils of Morgan Hill and Gilroy. The Gilroy City Council adopted a slightly amended resolution that included provisions to advance water reuse and purified water production, distribution and wholesaling in South County that is beyond the South County Recycled Water Authority and includes water purification.

The TWG has met regularly since September 2021 and has provided workgroup updates in December 2021, March 2022 and October 2022 that have presented reuse activities to advance South County recycled water master planning, opportunities, and challenges to advance non-potable and potable water reuse, and options to revise our interagency legal agreements to promote water reuse in South County.

This Committee update will begin with a discussion of ongoing opportunities to revise our interagency agreements supporting non-potable water reuse in South County; and will highlight recent discussions to modify our agreements supporting water recycling and the recommended roles and responsibilities for Valley Water, the City of Gilroy, the City of Morgan Hill, and the South County Regional Wastewater Authority. The TWG will also highlight recent planning activities including our progress to update the 2015 South County Recycled Water Master Plan, which will include revisions to the current system inventory, updates for recycled water customers and their reuse demands, evaluations of potential new users, incorporation of planned future system upgrades, and updated discussion of potential constraints to ongoing operation and future expansion options.

The Committee will also be provided a summary of recent recycled water system development, including the submittal of a United States Bureau of Reclamation (USBR) grant application to complete a Feasibility Study. A Feasibility Study must be formally submitted and accepted by the USBR before requesting federal funding for any capital improvements to support recycled water expansion in South County. Lastly, the TWG will highlight ongoing capital construction that supports expansion of water reuse in South County, and greatly enhances system flexibility and redundancy.

ATTACHMENTS:

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138



South Santa Clara County Water Reuse Collaboration

Joint Water Resources Committee Meeting
April 20, 2023

Joint Water Resources Committee

Technical Work Group

2

- ✓ Provisions to advance water reuse and purified water production, distribution and wholesaling;
- ✓ Consistent water reuse terms and conditions countywide;
- ✓ Cost sharing accord to integrate water conservation, reuse and supply;
- ✓ One comprehensive Water Reuse Agreement

South County Legal Agreements

3

❑ Legal Agreements

- 2006 Producer – Wholesaler Agreement
 - ❖ SCRWA – Valley Water
- 1999 Wholesaler – Retailer Agreements
 - ❖ Valley Water - City

South County Agreement Update 4

- 
- A hand holding a black pen is signing a document. The document has a checklist with four items, each preceded by a square checkbox. The background of the slide is a blurred image of the document being signed.
- ☐ Consolidation into One
 - ☐ Roles/Responsibilities
 - ☐ Committee Integration
 - ☐ Adaptability

USBR Grant Application

5

- ❑ **Feasibility Study Grant Application**
 - **Pre-Planning and Feasibility**
 - **USBR Title XVI Reuse Funding**
 - **NPR, IPR, and DPR Considerations**
 - **Timing and Schedule**

South County Master Planning

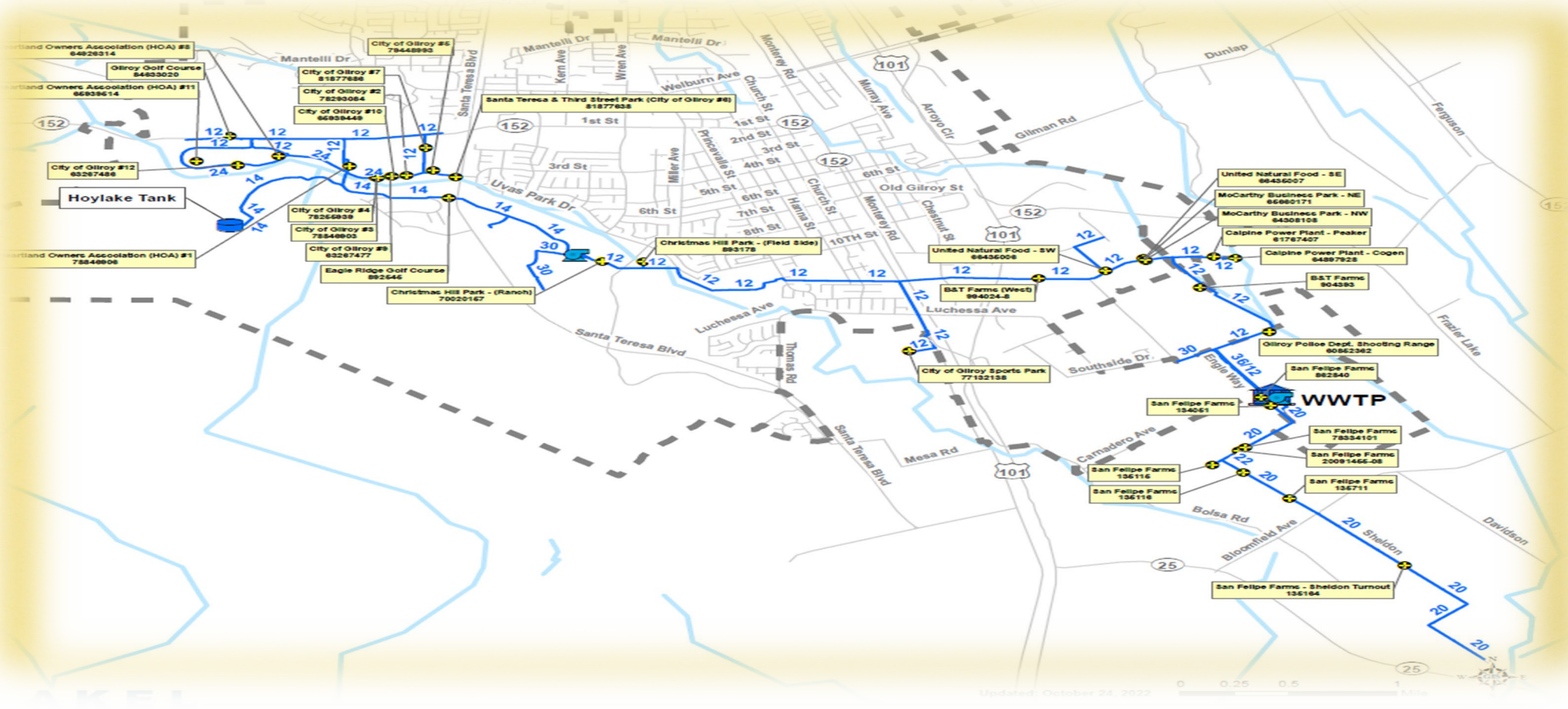
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- ❑ **Recycled Water Master Plan Update**
 - **New Infrastructure Integration**
 - **Expansion Opportunities & Options**
 - **Revised Capital Investment Strategy**

2023 Planning Amendments

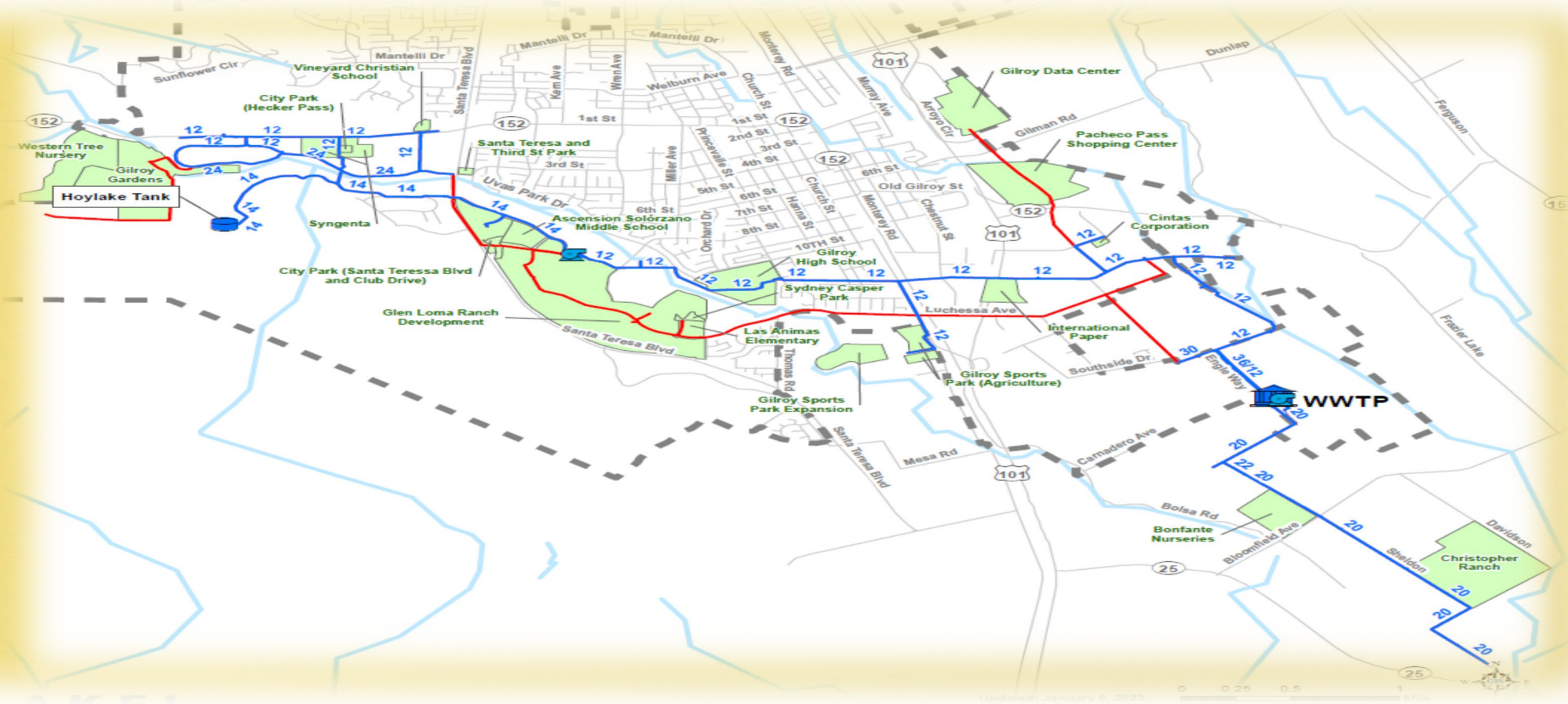
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valleywater.org



2023 Planning Amendments

8



2023 Planning Amendments

9

Scenario	Demands		Distribution System Improvement Summary
	Maximum Day	(mgd)	
Existing	5.7 mgd		-
Baseline System: Immediate -Term	5.7 mgd		Immediate Term Distribution System Improvements: <ul style="list-style-type: none"> • Under Construction: 14,680 feet of 30-inch diameter pipeline • Constructed but Inactive: 6,120 feet of 30-inch diameter pipeline 770 feet of 16-inch diameter pipeline 640 feet of 12-inch diameter pipeline • Imminent: 890 feet of 30-inch diameter pipeline 2,450 feet of 18-inch diameter pipeline
Baseline System: Near - Term	6.1 mgd		Near-Term Distribution System Improvements: <ul style="list-style-type: none"> • 5,830 feet of 24-inch diameter pipeline • 5,710 feet of 12-inch diameter pipeline (for the Gilroy Data Center) Planned WWTP Recycled Water Projects: <ul style="list-style-type: none"> • Reservoir Expansion (Additional 3 MG)
Conceptual Baseline Buildout: Long - Term ¹	11.7 mgd		Long-Term Distribution System Improvements: <ul style="list-style-type: none"> • 7,190 feet of 18-inch diameter pipeline • New 1.5 MG Zone 2 Tank • New 1,500 gpm Zone 3 Pump Station • Area 93 Pump Station Firm Capacity Upgrade to 9.3 mgd

South County Reuse Expansion

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- ❑ **South County Reuse Expansion Updates**
 - **South County Pipeline Project**
 - **USBR Grant Application**

South County Pipeline Project 11



South County Pipeline Project 12





Valley Water

Clean Water • Healthy Environment • Flood Protection

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Santa Clara Valley Water District

File No.: 23-0446

Agenda Date: 4/20/2023

Item No.: 5.2.

COMMITTEE AGENDA MEMORANDUM **Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA**

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Santa Clara County Drought Conditions.

RECOMMENDATION:

Receive an update on water conservation efforts and latest actions 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. On April 11, 2023, the Board considered rescinding the Water Shortage Emergency Condition due to improved water supply conditions and the State's drought actions while sustaining water conservation as a way of life in the County.

Valley Water's water supply outlook has improved significantly, due to several atmospheric rivers since December 2022. In January 2023, California experienced one of the wettest three-week periods on record, yielding a snowpack that is well above average. In response to the improved hydrologic conditions, imported water allocations have been increased significantly. In addition to imported water allocations improving, Valley Water's ten local reservoirs are collectively at 178% of restricted storage capacity and the 2023 end of year groundwater storage is projected to be in the normal range.

On February 13, 2023, Governor Newsom signed Executive Order N-3-23 which ordered state agencies to submit their recommendations on existing provisions in the Governor's drought proclamations and executive orders by April 28, 2023. On March 24, 2023, the Governor rescinded his voluntary call for 15 percent water use reduction and requirement that urban water suppliers activate Level 2 of their water shortage contingency plans; however, he left in place other State water use restrictions, including, but not limited to, restrictions against runoff and watering lawns within 48 hours of rain, and using drinking water to irrigate non-functional turf on commercial industrial and institutional properties.

The Valley Water Board item on April 11, 2023 would remove the mandatory call for water use reduction, consistent with the Governor's action. Staff also recommended suspending enforcement of prohibition 3.1 (a), the 2-day per week watering limit of residential nonfunctional turf, in Amended Water Use Restriction Ordinance 22-02. As the Board's decision on April 11, 2023 was not available at the time of this memorandum's posting, the Board action will be shared verbally during this Committee meeting.

Staff will continue to assess the water supply outlook in the County along with other related State actions. Staff is developing proposed actions to make water conservation a way of life following the end of drought emergency actions. These actions may include a call for permanent water use reduction restrictions, amending or suspending the enforcement ordinance, a voluntary call for conservation, and/or other actions, and will align with the State's actions as appropriate.

Water Conservation Outreach and Programs

Our water conservation campaigns continue with tips for saving water and messaging to dial back on irrigation during rains. Program participation remains high, compared to pre-drought levels. Media interest has focused on continued rain events and their effect on the drought and Santa Clara County's water supply. Staff launched a new campaign aimed at helping Commercial, Industrial and Institutional (CII) entities apply for rebates. Community outreach through Speakers Bureau presentations continue.

Countywide Water Use Reduction

Countywide water savings compared to 2019 (Valley Water's baseline) and 2020 (State's baseline) is shown below. Countywide water savings were 1% in February 2023 compared to February 2019 and 21% compared to February 2020. Winter use represents primarily indoor water use. Indoor water needs generally increased because of COVID due to increased water use for sanitation.

	Santa Clara County	
Baseline Year	2019	2020
February 2023 Savings	1%	21%
Cumulative*	7%	12%
*Cumulative for 2019 baseline begins in June 2021 and for 2020 baseline begins in July 2021		

Water Waste Enforcement

Valley Water's Water Waste Program is continuing its educational mission while enforcing mandatory water use restrictions for outdoor landscapes. Valley Water is addressing these complaints and coordinating with water retailers and municipalities on enforcement efforts. Over 2,000 water waste complaints were received since the enforcement program was launched in June. Enforcement has been successful as there have been only 9 complaints of water waste following the first complaint, which suggests that people are addressing their water waste following the first complaint.

Model Water Efficient New Development Ordinance

Valley Water continues to monitor actions and provide staff support to 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. While the 2022 version of California's triennial Title 24 building code update was effective January 1, 2023, jurisdictions can adopt additional measures included in MWENDO at any time.

ATTACHMENTS:

Attachment 1: PowerPoint

Attachment 2: February 2023 Drought Response Report

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138

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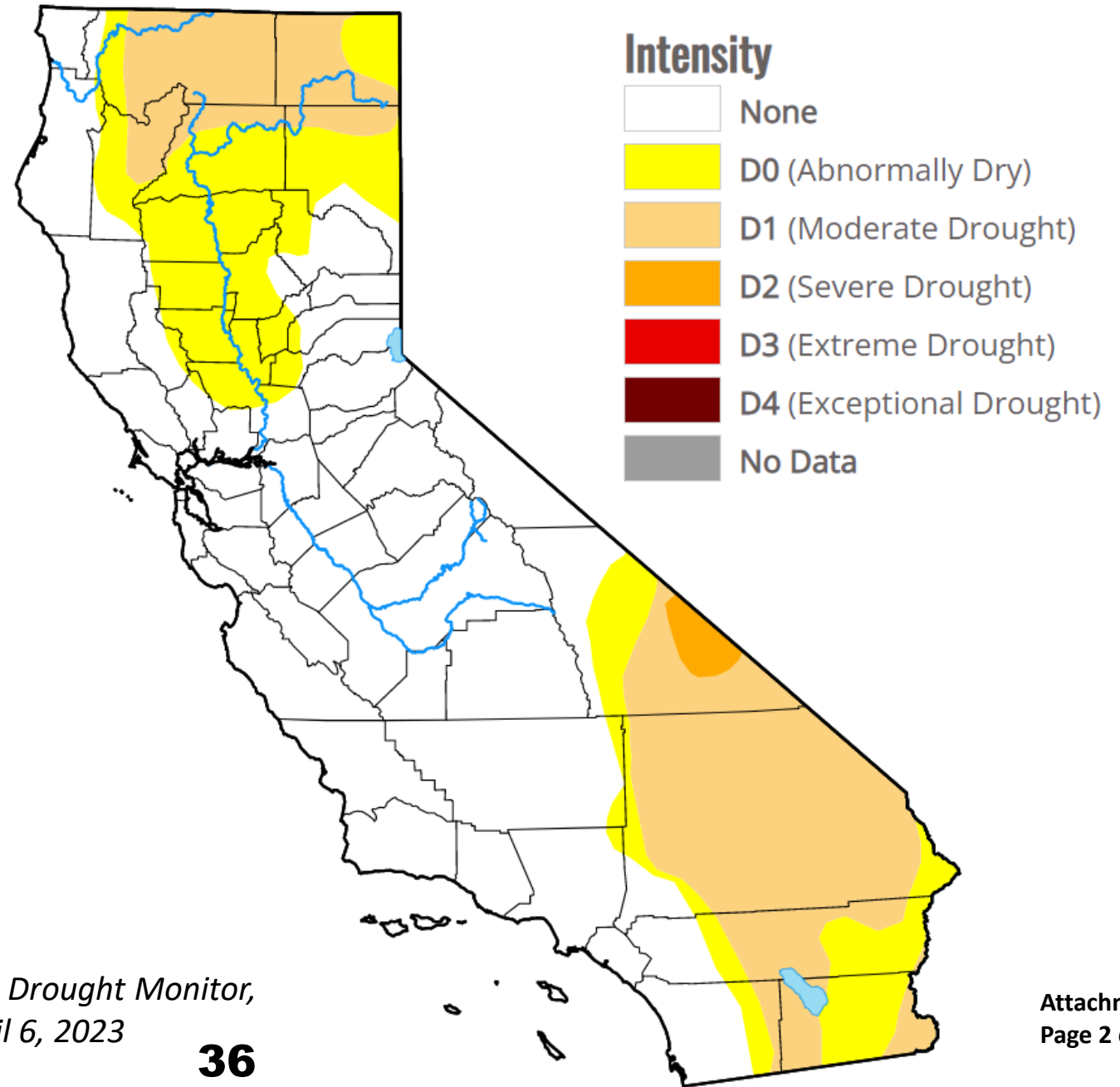


Drought Emergency Response and Water Supply Update

Joint Water Resources Committee
April 20, 2023

Healthy water supply

- County out of drought
- Local operating reservoir storage at 130% of normal
- Groundwater within normal levels



Recommendations to Board

- **End 15% mandatory call** for water use reduction compared to 2019
- **Continue enforcement** of water waste restrictions
(except for 2-day watering limit for consistency with State action)
- **Maintain conservation**
 - Direct CEO to bring back additional recommendations to make sure water conservation is a way of life

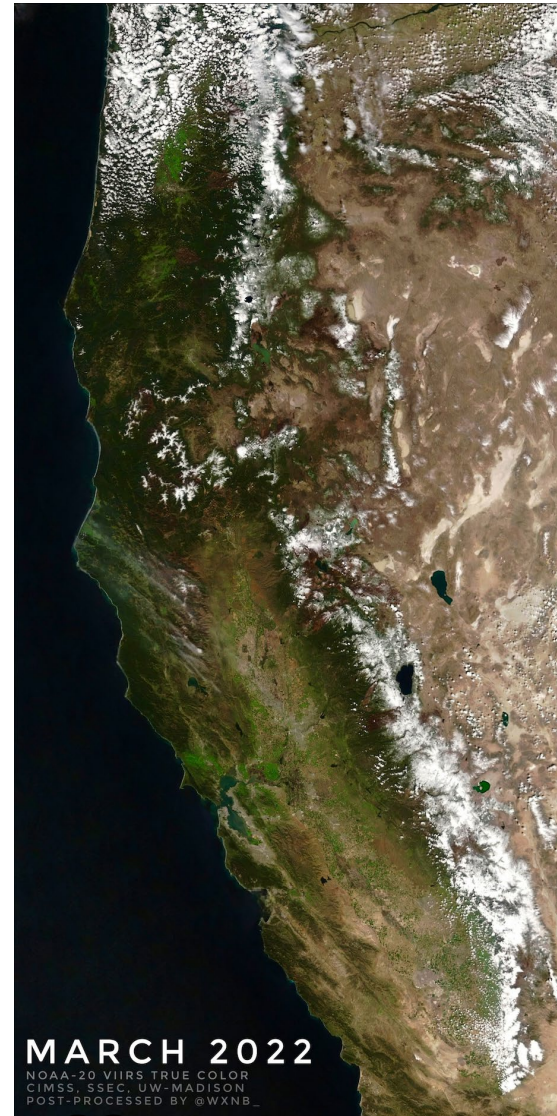
Significantly Increased Imported Water Allocations

State Water Project

- 75% allocation

Central Valley Project

- 100% M&I
- 80% Ag



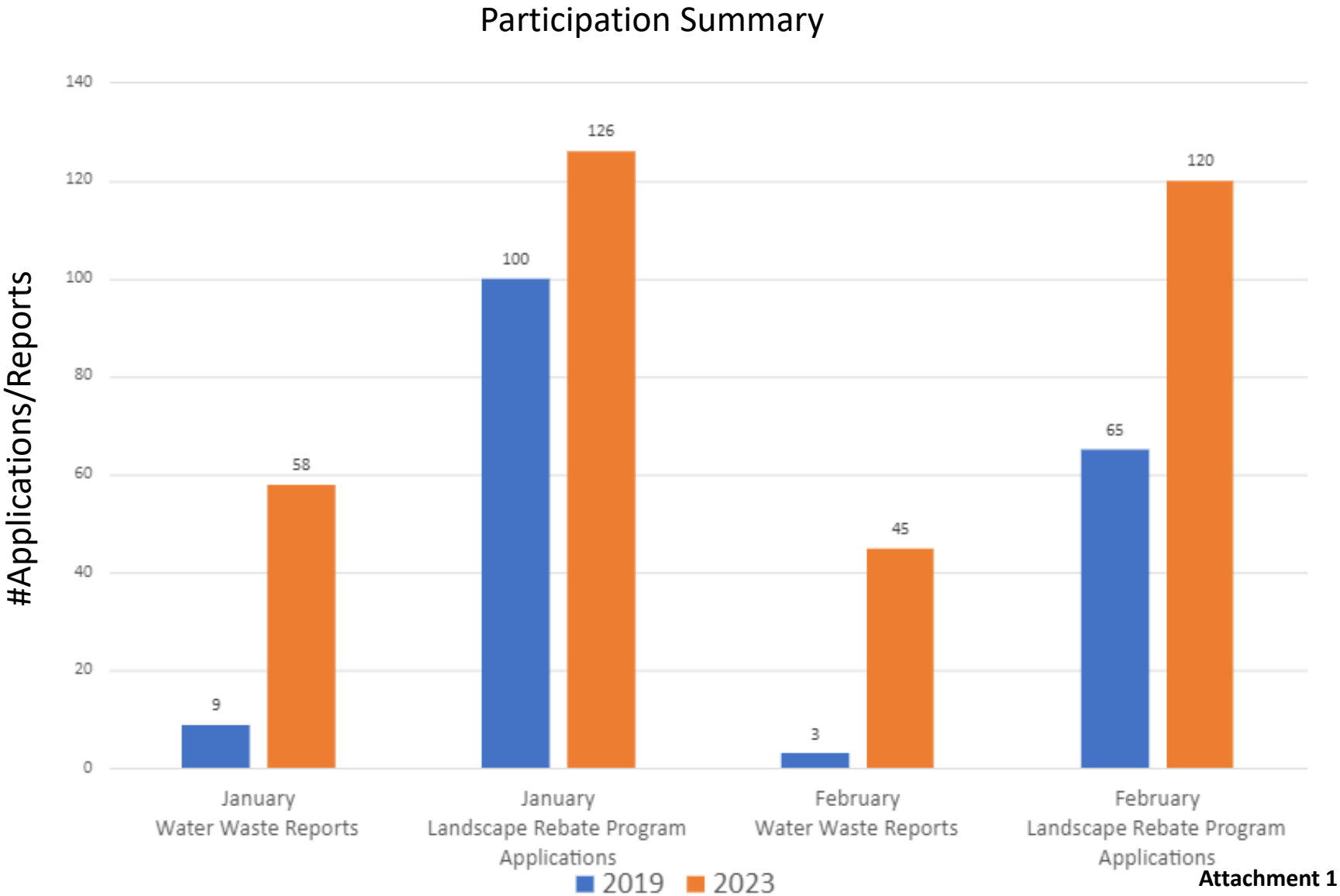
Water Conservation

Participation

- Remains high relative to 2019

E-cart

- 230 orders



Water Use Reduction Enforcement Updates

Over 2,000 reports received since June (enforcement launch)

Enforceable Water Waste Violations	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
More than 2 days of watering per week	76	39	113	83	54	26	17	12	8
Watering from 9AM-6PM	84	30	92	45	29	14	4	0	2
Watering within 48 hours of rainfall	11	4	3	21	4	19	17	19	7
Runoff	199	95	210	129	118	46	21	18	7
Watering CII non-functional turf	n/a	n/a	n/a	15	38	18	5	1	4
Total	370	168	418	293	243	123	64	50	28

Drought and Conservation Outreach

- Water Conservation as Way of Life campaigns
- Media coverage on water supply and allocations
- ABC News purified water documentary
- Speakers Bureau presentations



Water Conservation as a Way of Life

- **Rebates**

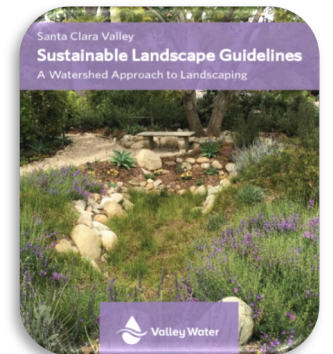
- Landscape Rebate Program
- Graywater Laundry-to-Landscape
- Water Efficient Technology (WET)
- Submeter Rebate Program

- **Programs & Services**

- Large Landscape Survey Program
- Water Wise Outdoor Surveys
- Water Waste Enforcement
- Agricultural Mobile Irrigation Lab
- Free water saving devices (eCart)
- Fixture Replacement Program
- And more!

- **Outreach and Education**

- Webinars
- Landscape professional training
- Literature
- Online resources



Drought Emergency Response Report

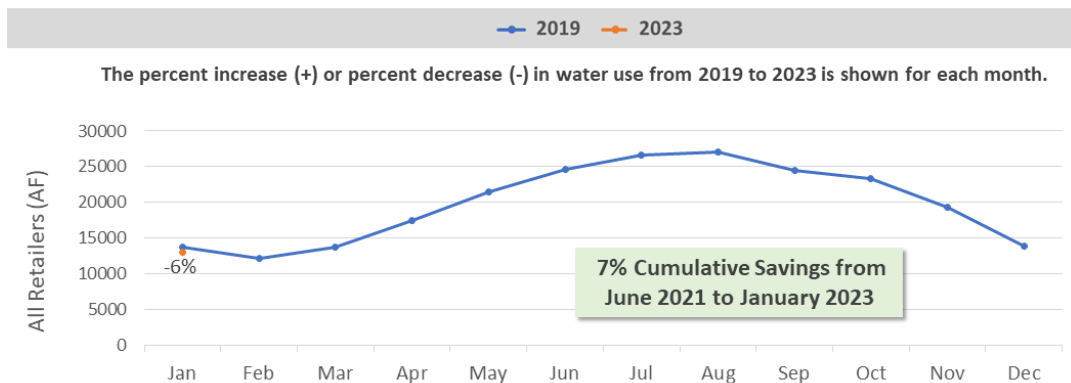
FEBRUARY 2023

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. On September 13, the Board amended Ordinance 22-02 to include the State’s ban against watering commercial, industrial, and institutional (CII) non-function turf amongst its list of enforceable restrictions.

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.

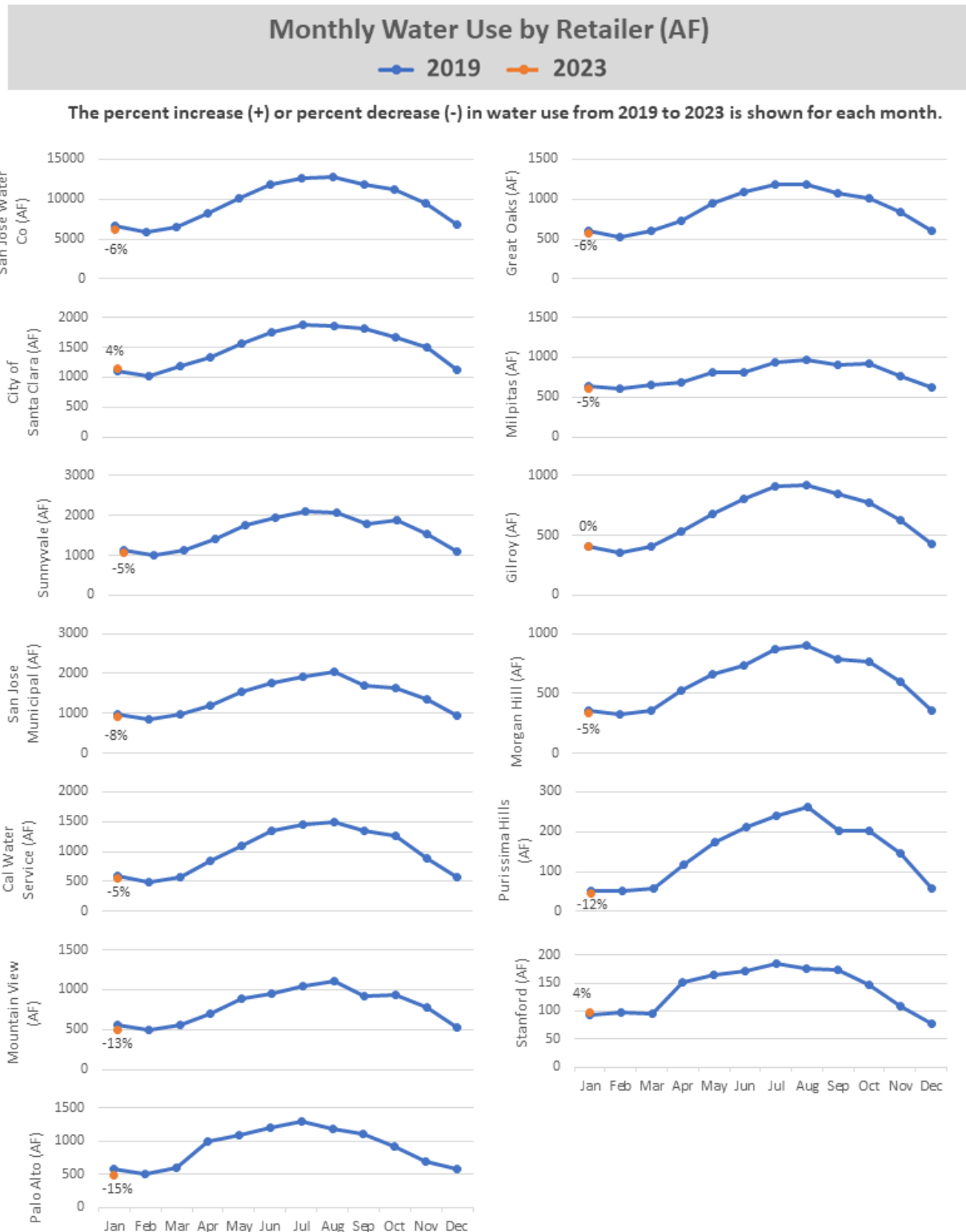


- December 2022 through February 2023 precipitation has increased the water levels in our local reservoirs and also increased the snowpack in the Sierra. According to the U.S. Drought Monitor, Santa Clara County is now abnormally dry, the lowest drought stage.
- Countywide water savings were 6% in January 2023 compared to January 2019 and January 2020, both pre-COVID months. Winter use represents indoor water use, which increased following COVID generally due to increased water use for sanitation.
- January 2023 water use was the lowest January water use since 2016.

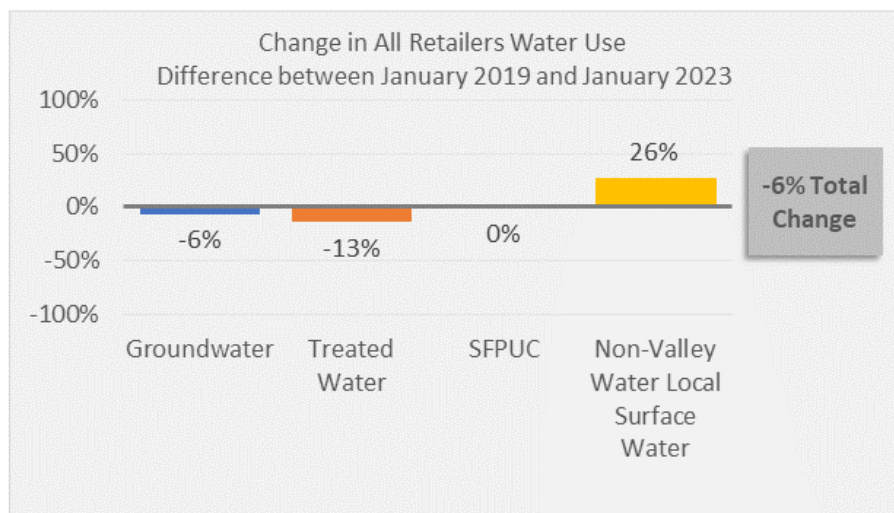
- Valley Water continues its conservation and drought-messaging with the “Say Yes to Saving Water” campaign. The multilingual, multi-platform campaign encourages residents, businesses, farms, and others to follow watering restrictions and take actions, both large and small, that can increase water savings.

	Santa Clara County	
Baseline Year	2019	2020
January 2023 Savings	6%	6%
Cumulative*	7%	12%
* 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.



The graph below depicts changes between the retailers' different types of water use.



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

Water Retailer	Total Water Use in Acre-Feet (January 2019)					Total Water Use in Acre-Feet (January 2023)				
	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	2,270	3,400	-	1,000	6,670	1,700	3,290	-	1,260	6,250
Santa Clara, City	620	250	240	-	1,110	700	210	250	-	1,150
Sunnyvale	10	610	490	-	1,120	10	440	610	-	1,060
San Jose Municipal Water	60	610	310	-	980	60	570	270	-	900
California Water Service	50	540	-	-	590	330	230	-	-	550
Palo Alto	-	-	570	-	570	-	-	490	-	490
Mountain View	20	80	460	-	570	10	50	430	-	490
Great Oaks	600	-	-	-	600	570	-	-	-	570
Milpitas	-	290	360	-	640	-	230	370	-	610
Gilroy	410	-	-	-	410	410	-	-	-	410
Morgan Hill	350	-	-	-	350	340	-	-	-	340
Purissima Hills Water	-	-	50	-	50	-	-	50	-	50
Stanford	-	-	90	-	90	-	-	100	-	100
Total	4,390	5,780	2,580	1,000	13,750	4,120	5,010	2,570	1,260	12,960

Collaboration with the County, Retailers, and Cities

- As of February 28, 2023, 13 cities in Santa Clara County (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. Of the current jurisdictions that have implemented a two-day irrigation schedule, two cities further restricted outdoor watering to one-day-a-week through the end of February.
- In February, Valley Water continued to monitor actions related to the adoption of the Model Water Efficient New Development Ordinance (MWENDO) and provide staff support to municipalities as part of ongoing efforts

to support cities' and the County's interests in expanding water efficiency measures. While the 2022 version of California's Title 24 building code update was effective January 1, 2023, jurisdictions can adopt additional measures like MWENDO at any time.

Water Conservation Programs

Valley Water is actively promoting ways our community 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. As expected, the application submittal rate reduced during winter months, but it is higher than in non-drought years. Estimated conservation program applications received over the last few months are shown below.

Program	December	January	February
Landscape Rebate Program Applications	96	126	120
Water-saving Device Orders	113	116	114

The Landscape Summit is a forum for professional landscapers to learn about water issues and how water relates to the landscaping industry, and to provide feedback, collaborate, and exchange ideas. The 8th Landscape Summit was held on February 16, 2023 with 60 attendees in person and 104 virtual attendees. The next Landscape Summit will be held in early 2024.

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. On September 13, 2022, Valley Water's Board of Directors amended the Ordinance 22-02 to allow Valley Water to enforce the State of California's ban against watering non-functional turf on commercial, industrial, and institutional properties. The Water Waste Program is enforcing these restrictions while continuing its educational mission. The number of water waste reports since program launch in June 2022 is shown below.

	June '22	July '22	Aug '22	Sept '22	Oct '22	Nov '22	Dec '22	Jan '23	Feb '23
Water Waste Reports	515	236	484	286	221	156	79	58	45

Complaints of violations against water waste restrictions are submitted by members of the public. A total of 45 water waste complaints were received in February 2023. Twelve 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. Nine second complaints on the same violation have been received between the launch of the enforcement program through the end of January.

Enforceable Water Waste Violations	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
More than 2 days of watering per week	76	39	113	83	54	26	17	12	8
Watering from 9AM-6PM	84	30	92	45	29	14	4	0	2
Watering within 48 hours of rainfall	11	4	3	21	4	19	17	19	7
Runoff	199	95	210	129	118	46	21	18	7
Watering CII non-functional turf	n/a	n/a	n/a	15	38	18	5	1	4
Total	370	168	418	293	243	123	64	50	28

Drought and Water Conservation Outreach

- In February, media interest focused on continued rain events, their effect on the drought and Santa Clara County's water supply. In response to a District News statement from Board Chair Varela, staff discussed the significance of recent state and federal water allocation amounts in interviews with CBS Bay Area, NBC Bay Area, ABC7, Univision and Telemundo. Board Chair Varela, Assistant Officer Kirsten Struve and PIR III Lakeisha Bryant were featured interview subjects of an ABC News/Hulu documentary filming at the Silicon Valley Advanced Water Purification Center. They discussed Valley Water's purified water initiatives, innovative technology, how water conservation is a way of life and the award-winning purification center's daily functions. The program is scheduled to air this spring.
- Our Say Yes campaign encouraging quick and easy water conservation actions continued during February. Multilingual ads were shared through social media and digital channels, as well as on grocery shopping carts. Staff launched a new campaign aimed at helping Commercial, Industrial and Institutional (CII) entities apply for our large landscape and WET rebates. An easy-to-use interest form was created on watersavings.org to allow CIIs to book a meeting with a conservation specialist to launch their projects. Ads for CII are running on audio and video streaming platforms, as well as LinkedIn. A marketing agency completed a pilot program to contact CII managers to facilitate rebate participation directly.
- On social media, staff shared a video featuring H2Cool explaining that we are still in moderate drought. Staff also shared posts on our landscape rebate program, water-saving tips and where to find water-efficient products. With each rain event, reminders were shared for people to turn off their sprinklers.
- Community outreach conducted three Speakers Bureau presentations in February. On February 9, staff gave a drought presentation to Sons in Retirement: Branch 54 during the group's monthly meeting at Three Flames Restaurant. On February 13, Chair Varela and staff gave a drought presentation to the Rotary Club of Evergreen Valley during the club's monthly meeting at The Creek Eatery. On February 14, outreach and water conservation staff presented virtually to the Santa Clara County Sustainability Working Group.

- Statistics for public outreach efforts are shown below.

Outreach Type	February 2023
Social Media¹	
Impressions ²	5,524,022
Engagements ³	42,474
Link Clicks	15,472
Video Views	203,565
Website Page Views	
Water conservation webpages	85,819
BeHeard.ValleyWater.org/drought-information	389
Media	
Media Mentions ⁴	1,650
Speakers Bureau	
Presentations ⁵	3

¹Includes Facebook, Twitter, Instagram, YouTube 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 February, the Education Outreach Program (EO) supported 32 educators and 879 students through 26 in-person and five virtual school presentations. EO staff presented to 90 middle school students at San Jose State University's annual "Science Extravaganza" STEAM event, engaging students in discussions on water conservation and stewardship, pollution prevention and careers in water. All students and educators received Water Conservation Pledge posters, bookmarks and either drought awareness stickers or drought-tolerant native wildflower seeds after every presentation. Educators also receive a link to the EO "Carla The Conscious Conservationist" drought awareness video to share with their students to increase engagement and reinforce understanding of the importance of saving water every day.
- The table below shows Education Outreach efforts in Fiscal Year 2023, all of which included drought and water conservation messaging.

EDUCATION OUTREACH PRESENTATION NUMBERS			
MONTH	STUDENTS & EDUCATORS	PUBLIC ATTENDEES	FY23 YEAR TO DATE
July – January	7,236	529	7,765
February	911	0	911
Total	8,147	529	8,676

- On February 23, 50 Santa Clara County high school students attended the annual Valley Water Job Shadow Day, sponsored and supported by the Valley Water Youth Commission. Attendees heard from Chair Varela, Valley Water staff and Youth Commission and also learned about the future of water in Santa Clara County from members of the Recycled and Purified Water Unit, who showcased the Silicon Valley Advanced Water Purification Center and emphasized the importance of a drought-proof water supply.

Committee Updates

- Drought-related updates are being provided regularly at Committee meetings to receive feedback and guidance. These updates were provided to the Environmental and Water Resources Committee (EWRC) in January 2023.

Water Supply Operations and Outlook

- The cumulative rainfall in San José in this rainfall year through March 1, 2023, is 17.24 inches or 166% of the long-term average for the valley floor for this date. The current rainfall year extends from July 1, 2022, to June 30, 2023.
- Total reservoir storage as a percentage of unrestricted reservoir capacity is 52% for March 1, 2023, which is 96% of the (20-year) average storage for March.

Imported Water

- California's water year runs from October 1 to September 30 and is the official timeframe used to compare hydrologic records. Water Year 2020 to 2022 was the driest three-year period on record, breaking the old record set by the last drought from Water Year 2013 to 2015.
- Water Year 2023 saw below average precipitation in October and November. Nine atmospheric rivers reached California between late December and January, resulting in the wettest three-week period on record in California. However, the storms were followed by an unseasonably dry beginning of February.
- On February 13, 2023, Governor Newsom signed an executive order to protect the state's water supplies from the impacts of climate-driven extremes in weather. On February 21, 2023, the State Water Resources Control Board conditionally issued a temporary suspension of certain Delta outflow requirements through March to maintain Delta export and to allow for more storage in the Central Valley reservoirs, though pumping in the Sacramento-San Joaquin Delta continues at reduced levels to protect fisheries and comply with other environmental regulations.
- As of February 28, 2023, Shasta Reservoir is at 84% of average of this date, Oroville Reservoir is at 116% of average for this date, and Folsom Reservoir is at 111% of average of this date. Total storage in each of these three major reservoirs continued to increase in February.
- As of February 28, 2023, storage in San Luis Reservoir is approximately 1,546 thousand acre-feet (TAF), which is 94% of the average for this date. San Luis Reservoir increased by approximately 268 TAF in February.
- On February 22, 2023, the California Department of Water Resources announced an increase to the 2023 State Water Project (SWP) allocation from 30% to 35%. This allocation equates to an allocation of 35 TAF for Valley Water.
- On February 22, 2023, the U.S. Bureau of Reclamation announced an initial 2023 Central Valley Project (CVP) allocation of 35% for South-of-Delta Agricultural contractors and 75% for South-of-Delta Municipal & Industrial contractors. Combined, they equate to an allocation of 109 TAF for Valley Water.

Treated Water

- Due to the rain events and stormwater runoff in the month of February, total organic carbon and turbidity levels continued to be elevated in our source water (South Bay Aqueduct and Calero Reservoir) to the plants. Valley Water took proactive measures to optimize the treatment process and mitigate impact.
- Source water algal toxins and taste and odor compounds were below our internal triggers and treated water delivered met all applicable drinking water standards.

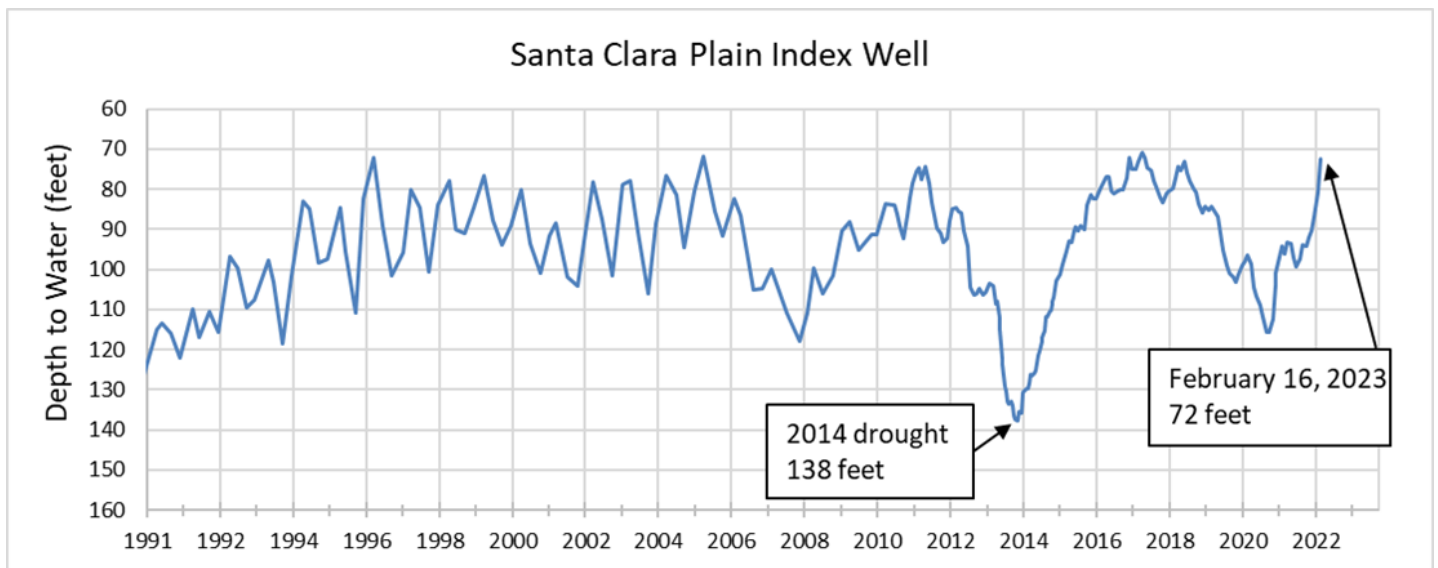
Groundwater Recharge

- Valley Water has been maintaining a high level of groundwater recharge operations since the beginning of calendar year (CY) 2023 in North County facilities due to the availability of imported water carryover and local water.
- Managed groundwater recharge in the Llagas Subbasin has been low due to a pipeline shutdown since November 1, 2022. Normal recharge operations in off-stream facilities are expected to resume around mid-March 2023.
- Recharge operations in creeks downstream of local reservoirs remain high since January due to a series of storms and increased reservoir releases.
- Countywide recharge in CY 2022 was 100% of normal and CY 2023 recharge is projected to be 125% of normal.

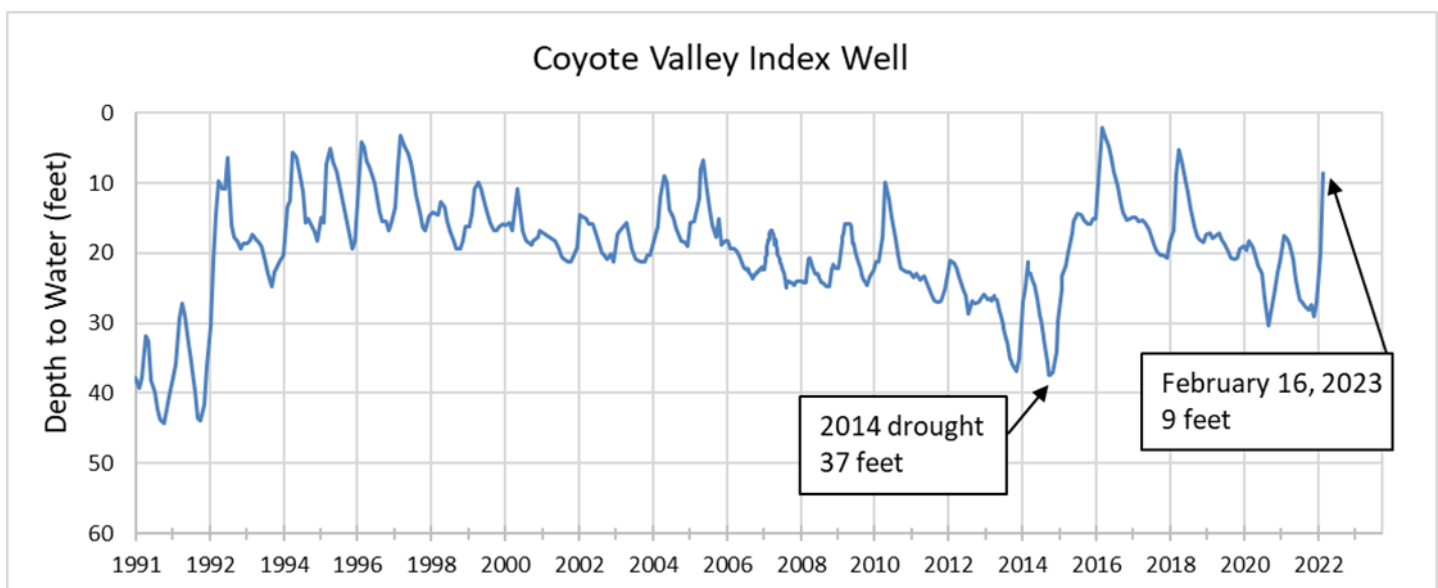
Groundwater Conditions:

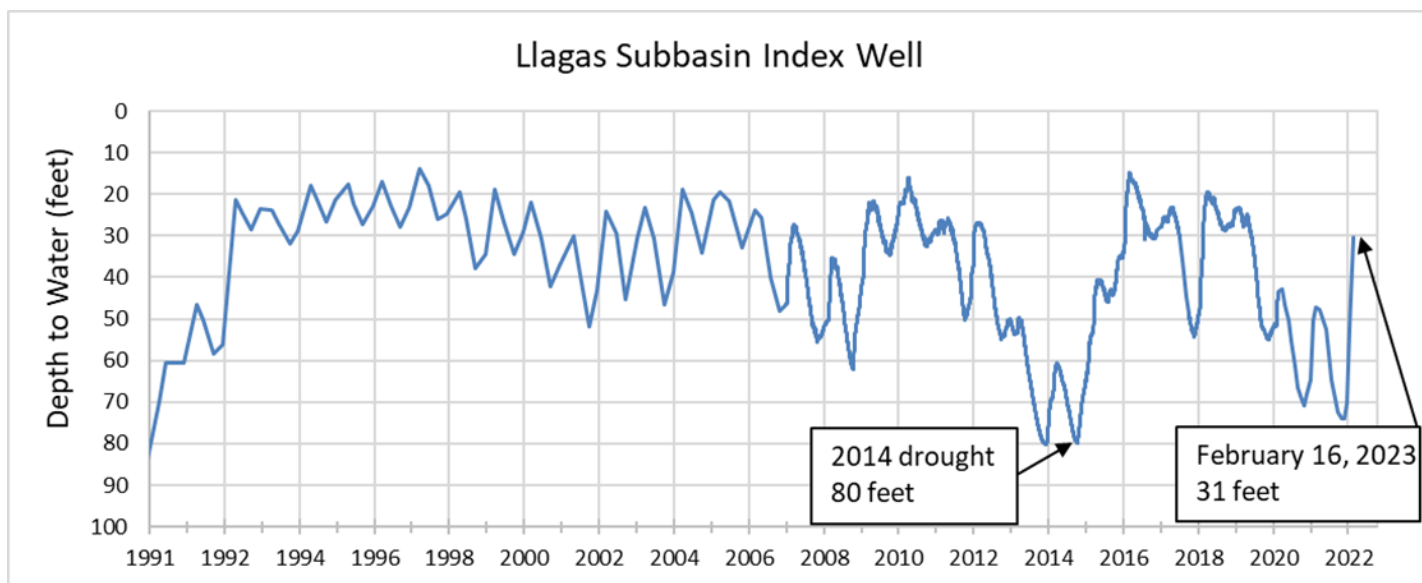
Groundwater levels are increasing throughout Santa Clara County due to the recent storms and seasonal recovery, Valley Water's managed recharge, and ongoing water conservation by the community. While groundwater levels in all monitoring wells are higher than last month and most are higher compared to February 2022, many are lower than the five-year average, indicating that groundwater levels are still impacted by drought. No new dry wells were reported in February.

- North County Groundwater
 - The current water level at the regional index well has increased about 8 feet since last month and is about 66 feet above the minimum water level in 2014. The water level at this well is about 24 feet higher compared to this time last year.
 - Groundwater levels are more than 57 to 100 feet above thresholds established to minimize the risk of permanent subsidence.
 - No dry wells were reported in February. 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.



- South County Groundwater
 - o The current water level in the Coyote Valley and Llagas Subbasin regional index wells have increased by about 12 and 22 feet, respectively, since last month and are about 28 and 49 feet, respectively, above the minimum water level in 2014. Additionally, the water levels in these wells are about 9 and 17 feet higher, respectively, compared to this time last year.
 - o No dry wells were reported in February. Since the onset of the current drought, a total of six dry domestic wells have been reported in South County, with most located near 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.





State Coordination

- Governor's Executive Order on Drought Response
 - Governor Newsom issued an Executive Order on February 13 directing state agencies to review and provide recommendations on the state's drought response actions by the end of April, including the possibility of terminating specific emergency provisions related to drought that may no longer be needed.
 - The Governor's January State Budget Proposal set aside \$125 million for drought response, contingent on the state's water supply condition at the end of April. A good water year could result in a reduction or elimination in state General Fund dollars going to support drought response grants; however, that may be offset by drought response investments in a natural resources bond now being discussed for the 2024 statewide ballot.
- Snowpack Conditions Reported by DWR
 - The California Department of Water Resources (DWR) conducted the third snow survey of the season on March 3. DWR announced that statewide, the snowpack is 190 percent of the average for this date. This level is just behind the record snow year of 1982-83.
 - The critical Northern Sierra, which includes the watersheds for both Lake Shasta and Lake Oroville, is at 136 percent of its average for April 1.
 - The Southern is at 209 percent, and the Central Sierra, which includes Hetch Hetchy Reservoir, is at 175 percent of its April 1 average.

Staffing and Resources

- 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.

- January 2023 expenses totaled approximately \$14.5 million spent or encumbered primarily for emergency water purchases tied to contracts executed in prior years, recovery of stored water from Semitropic Water Storage District, operating supplies and services for public relations including conservation related communications, rebates, eCart supplies, temps and interns, and labor expenses for staff time directly 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.

- Staff continues to work with our partner agencies on agreements, technical requirements, and the draft EIR.
- Staff participated in Palo Alto's Development Review Committee to present the project to staff from multiple departments for feedback and placed a sign for the upcoming project at the site.
- A groundwater tracer study is currently being performed at the Budd Ponds to confirm the speed of groundwater flow to inform the zone of controlled drinking water well construction.

Flood-Managed Aquifer Recharge (Flood-MAR) Study

Valley Water is collaborating with a team of water experts from the University of California system (referred to as UC Water) to complete a reconnaissance study for Flood-MAR implementation in Santa Clara County. The study began in 2021. Study deliverables include a GIS-based tool to identify potential sites for Flood-MAR projects in Santa Clara County and an evaluation of institutional/regulatory requirements for implementing Flood-MAR projects.

- Drafts are currently being reviewed by staff.
- Staff expects to provide a study update in mid-2023.
- Valley Water is applying for a Proposition 1 Integrated Regional Watershed Management grant to begin the first phase of a feasibility study.

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.

- Internal work continues to develop potential drought triggers and water shortage actions.



Santa Clara Valley Water District

File No.: 22-0908

Agenda Date: 4/20/2023

Item No.: 5.3.

COMMITTEE AGENDA MEMORANDUM Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Review and Accept the Joint Water Resources Committee 2022 Accomplishment Report, 2023 Proposed Work Plan, and Next Meeting Date.

RECOMMENDATION:

- A. Review and accept the 2022 Accomplishment Report;
- B. Review and accept the 2023 Proposed Work Plan; and
- C. Confirm next meeting date.

SUMMARY:

2023 Work Plan

Work Plans are created and implemented by all Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved follow-up by staff. Work Plans are dynamic documents managed by Committee Chairs and are subject to change. Committee Work Plans also serve to assist to prepare an Annual Committee Accomplishments Reports.

Discussion of topics as stated in the Plan have been described based on information from the following sources:

- Items referred to the Committee by the Board;
- Items requested by the Committee to be brought back by staff;
- Items scheduled for presentation to the full Board of Directors; and
- Items identified by staff.

Next Meeting Date

At the January 10, 2023 Valley Water board meeting, the board approved designating July 2023 as a Board and Committee meeting recess period. The next regularly scheduled JWRC meeting will be October 4, 2023. A special meeting can be scheduled per the request of the Committee.

ATTACHMENTS:

Attachment 1: 2022 JWRC Accomplishment Report

Attachment 2: 2023 JWRC Proposed Work Plan

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

JOINT WATER RESOURCES COMMITTEE 2022 ACCOMPLISHMENT REPORT

Agenda Item	Objective	Accomplishments/Outcomess
Water Supply Master Plan and South County Opportunities	01/05/22: Receive update and discuss information on Technical Working Group discussions related to South County Water Reuse Collaborations; and Provide feedback and recommendations as necessary.	Staff recapped the TWG's discussions and activities conducted September through November. December discussions included next steps in developing revisions to the existing partnering agreements, water reuse and purification opportunities, the benefits of developing a single comprehensive agreement, options available for legal agreements to advance South County water reuse, and a review of the various partnering agreements from 1999 regarding agency collaboration for non-potable reuse. The TWG plans to continue its review of the partnering agreements and will be discussing master planning, future capital planning, volume of water, options for managing water reuse, storage considerations and impacts on water delivery in South County, opportunities and options to expand water reuse to Morgan Hill, and water quality issues. The Committee discussed future topics of discussion including roadmap development, regulatory issues, and public communication.
	04/06/22: Receive information on the Water Supply Master Plan and South County Opportunities.	The Committee was informed that the Water Supply Master Plan 2040 (Master Plan) is VW's guiding document for long-term water supply investments to protect existing investments and infrastructure, achieve level of service goals, and make the most of the existing water supply system for Santa Clara County through the year 2040. To address future uncertainties with demands, supplies and proposed projects, the Master Plan established an annual Monitoring and Assessment Program (MAP) to evaluate and report to the Board new information and project updates for the annual water rate-setting process. In support of South County, the Committee was informed that projects such as Pacheco expansion, reservoir seismic retrofit, and recycled and purified water support a sustainable water supply for the entire county, including South County even though South County will not get direct supply from them; that there are projects recommended in the Master Plan that would directly provide water supply to South County such as the Delta Conveyance Project, a potential South County recharge facility project, and Flood-Managed Aquifer Recharge (Flood-MAR) projects.
South County Water Reuse Collaboration and Implementation	04/06/22: Receive and discuss information on Technical Working Group discussions related to South County Water Reuse Collaboration; and provide feedback and recommendations as necessary.	The January TWG discussions included a review of Agreement No. A2280-1, the first Producer-Wholesaler agreement, and included a review of recitals and terms, renewal provisions, issues beyond our control, pressure and flow, metering and measurements, master planning, ownership, and operations; as well as details of a potential plan to build a data center in Gilroy that would use recycled water. The February TWG discussions focused on Agreement No. A2280W-4, a revised Producer-Wholesaler Agreement and currently in its 16th-year of a 20-year agreement; the differences between the 1999 and 2006 agreements and a discussion of more succinct legal and contract terms; service limitations on delivery, water quality, legal rights and commitments, metering and measurement changes, system parameters, possible salt control, facility and planning revisions for future capital improvement, ownership, and operations; and a review of our decision to update the current legal agreements as the first phase a process to develop a more comprehensive agreement, a hybrid with current and new terms, or no action. The March TWG discussions were focused on in-depth reviews of our Wholesaler-Retailer Agreement Nos. A2280-2 (Exhibit 2) and A2280-3 (Exhibit 3); and discussion to update recitals and terms to reflect current actions and activities, updates needed on definition and terms, rights and commitments, delivery limitations, metering and measurement, administrative requirements, and Title 22 requirements for customers. Mr. Tucker added that staff will work with Valley Water's (VW) legal team to draft revisions to bring to a future TWG meeting.

Agenda Item	Objective	Accomplishments/Outcomess
	<p>07/06/22: Receive update and discuss information on Technical Working Group discussions related to South County Water Reuse Collaboration; and provide feedback and recommendations as necessary.</p> <p>10/05/22: Receive update and provide feedback on Technical Working Group discussions related to South County Water Reuse Collaborations on interagency agreements, master planning activities, and recycled water development.</p>	<p>Dave Tucker added that the TWG would take a phased approach toward the development of one comprehensive South County agreement; that the TWG had revised the Amended Producer-Wholesaler Agreement, Agreement No. A2280W-4, and which is now being reviewed by each party prior to any legal review; that the cities of Morgan Hill and Gilroy are working on an update on the buy-out clause; and that a revised draft is expected in August and would be presented to this Committee at the next meeting</p> <p>Chris Ghione reported that in regard to the 2015 South County Water Reuse Master Plan, updates will be made to report on expansion of recycled water distribution facilities in and around Gilroy since 2015; flow changes brought about by water conservation especially during the summer months and that were different from flow changes projected; integration of the City of Morgan Hill's planning efforts and VW's core plan; use this updated master plan, as a source for the City Council's request for information on what would be next step for the city of Morgan Hill in developing the recycled water facilities; and that the update would take approximately three to four months to complete at a cost of \$50,000.</p> <p>Daryl Jordan reported that in regard to the Amazon Data Center located in an undeveloped parcel north of Gilman Road and east of Arroyo Circle in Gilroy, this project would consist of two data center buildings to be built in two phases, and that would be connected to the South County recycled water system. The recycled water system review will include capacity analysis, treatment capacity, booster station capacity, along with hydraulics analysis to determine impact to the existing system and the size of the new pipeline and storage needs to connect to the cooling systems of the Data Center project. He added that in regard to the South County pipeline project, the Notice to Proceed was issued in January this year; that a mailer distribution, as well as blog post, Nexdoor post, and project signs, had been coordinated between the city and Valley Water; and that the entire project would extend approximately 13,000 linear feet and is estimated to be completed in 2023.</p> <p>The Committee received the following information without taking formal action:</p> <ul style="list-style-type: none"> On an update to the twenty-year-old Agreement No. A2280W-4, current regulatory requirements have been added, the original 20-year term have been changed to five years with automatic renewal, this Committee's structure, roles, and responsibilities, as well as the Technical Working Groups recurring meeting schedule were integrated on the revised draft agreement. On an update to the 2015 South County Water Reuse Master Plan, Akel Engineering consultants had been providing assistance, current or potential users were updated as well as recommendations on expansion to the water distribution system were added. On an update to the construction activities of the South County Recycled Water Pipeline Project, the construction milestone includes micro-tunneling and pipeline installation in Uvas Creek. Anticipated completion of Phases 1B, 2A and 2B is end of the year while the Notice of Completion and Board acceptance of the completed project is estimated to be October 2023. The project is 75% complete and on budget. In response to Mayor Blankley's inquiry on when the Luchessa segment would be finished, staff estimated to be end of the year, and with far less construction impact to community.
Santa Clara County Drought Conditions	<p>04/06/22: Receive information on water shortage emergency condition and call for conservation.</p>	<p>The Committee was informed about VW's declaration of water shortage in 2021; a call for 15% water use reduction countywide; and inclusion of Santa Clara County in the Governor's drought proclamation. Valley Water is impacted by the unavailability of Anderson Reservoir as a surface water storage facility. Furthermore, the Central Valley Project and State Water Project have reduced imported water allocations; and if dry conditions persist, and water use reduction target is not met, there remains a risk of resumed groundwater subsidence in North County and wells going dry, particularly in South County.</p>
	<p>07/06/22: Receive information on water shortage emergency condition and call for conservation.</p>	<p>07/06/22: Receive information on water shortage emergency condition and call for conservation.</p>

Agenda Item	Objective	Accomplishments/Outcomess
	10/05/22: Receive drought response emergency response and water supply update.	<p>The Committee received the following information without taking formal action.</p> <ul style="list-style-type: none"> • The county is now 3 years on drought, and that the eastern part of the county had been updated to Extreme Drought (Level 3) recently. • The 9,000 e-cart orders on Slide 5 of Attachment 1 were not covering all residents and areas of the City of Morgan Hill since newly built homes already have water-saving devices. • Chairperson Varela encouraged the cities to do more on their message given the popularity of the Landscape Rebate Program which would eventually be extended to business and industrial users

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(Proposed) 2023 Joint Water Resources Committee Workplan

CATEGORY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
Water Supply Master Plan and South County Opportunities	NO MEETING						NO MEETING						
South County Water Reuse Collaboration and Implementation <ul style="list-style-type: none">Water Purification Potential for Future Water Supply				X						X			
Santa Clara County Drought Conditions				X						X			
STANDING ITEMS													
Elect Committee Chair and Vice Chair (Annually)				X									
Approval of Meeting Minutes				X							X		
Review Committee Work Plan				X							X		

*Yellow highlighted item – new items on the work plan.

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