

March 28, 2022

MEETING NOTICE & REQUEST FOR RSVP**TO: AGRICULTURAL WATER ADVISORY COMMITTEE****Jurisdiction**

District 1
District 2
District 3
District 4
District 5
District 6
District 7
Loma Prieta Resource Conservation District
Private Well Owner (Non-Retail)

Representative

Russ Bonino
James Provenzano
William Cilker
Sheila Barry
Jan F. Garrod
Tim Chiala
Sandra Carrico
Peter Van Dyke
Dhruv Khanna

Representative

Mitchell Mariani

David Vanni
Brent Bonino
Michael Miller
Robert Long

The regular meeting of the Agricultural Water Advisory Committee is scheduled to be held on **Monday, April 4, 2022, at 1:30 p.m.**, Join Zoom Meeting

<https://valleywater.zoom.us/j/98850905996>.

Enclosed are the meeting agenda and corresponding materials. Please bring this packet with you to the meeting. Additional copies of this meeting packet are available on our new website at <https://www.valleywater.org/how-we-operate/committees/board-advisory-committees>.

A majority of the appointed membership is required to constitute a quorum, which is fifty percent plus one. A quorum for this meeting must be confirmed at least 48 hours prior to the scheduled meeting date or it will be canceled.

Further, a quorum must be present on the day of the scheduled meeting to call the meeting to order and take action on agenda items.

Members with two or more consecutive unexcused absences will be subject to rescinded membership.

Please confirm your attendance no later than **1:00 p.m., Thursday, March 31, 2022**, by contacting Ms. Glenna Brambill at 1-408-630-2408, or gbrambill@valleywater.org.

Enclosures

Agricultural Water Advisory Committee Meeting

Join Zoom Meeting Information:

<https://valleywater.zoom.us/j/98850905996>

Meeting ID: 988 5090 5996

One tap mobile

+16699009128,,98850905996# US (San Jose)

Dial by your location

+1 669 900 9128 US (San Jose)

Meeting ID: 988 5090 5996



Santa Clara Valley Water District Agricultural Water Advisory Committee Meeting

Teleconference Via Zoom

Join Zoom Meeting:

<https://valleywater.zoom.us/j/98850905996>

REGULAR MEETING AGENDA

**Monday, April 4, 2022
1:30 PM**

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

Jan Garrod, Chair
Peter Van Dyke, Vice Chair

BOARD REPRESENTATIVES:
Director Nai Hsueh
Director Richard P. Santos
Director John L. Varela

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. Darin Taylor, (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
Agricultural Water Advisory Committee
REGULAR MEETING
AGENDA**

Monday, April 4, 2022

1:30 PM

Teleconference Via Zoom

BY VIRTUAL TELECONFERENCE ONLY

Pursuant to California Government Code section 54953(e), this meeting will be held by teleconference only. No physical location will be available for this meeting; however, members of the public will be able to participate in the meeting as noted below.

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

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/98850905996>

Dial by your location
+1 669 900 9128 US (San Jose)
Meeting ID: 988 5090 5996

1. CALL TO ORDER:

1.1. Roll Call.

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

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

3. APPROVAL OF MINUTES:

3.1. Approval of Minutes.

[22-0452](#)

Recommendation: Approve the January 3, 2022, Meeting Minutes.

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

Attachments: [Attachment 1: 01032022 Ag Wtr DRAFT Mins](#)

4. ACTION ITEMS:

- 4.1. Drought Response Update. [22-0453](#)
Recommendation: Receive Drought Update.
Manager: Vincent Gin, 408-630-2633
Attachments: [Attachment 1: PowerPoint](#)
[Attachment 2: Agr GW Pumpers Letter](#)
Est. Staff Time: 15 Minutes
- 4.2. Review Proposed Fiscal Year 2022-23 Groundwater Production Charges and Receive Committee Feedback [22-0454](#)
Recommendation: Review proposed Fiscal Year 2022-23 Groundwater Production Charges and receive Committee feedback
Manager: Darin Taylor, 408-630-3068
Attachments: [Attachment 1: Proposed Water Charges](#)
Est. Staff Time: 20 Minutes
- 4.3. Flood-Managed Aquifer Recharge Preliminary Feasibility Study for Santa Clara County. [22-0455](#)
Recommendation: This is an information only item and no action is required.
Manager: Kirsten Struve, 408-630-3138
Attachments: [Attachment 1: FloodMAR Working Draft](#)
Est. Staff Time: 15 Minutes
- 4.4. Review Agricultural Water Advisory Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda. [22-0456](#)
Recommendation: Review the Committee work plan to guide the committee's discussions regarding policy alternatives and implications for Board deliberation.
Manager: Candice Kwok-Smith, 408-630-3193
Attachments: [Attachment 1: AWAC Work Plan 2022](#)

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. REPORTS:

- 6.1. Director's Report
- 6.2. Manager's Report

6.3. Committee Member Report

6.4. Informational Links:

<https://www.valleywater.org/how-we-operate/committees/board-committees>

- Board Policy and Planning Committee (BPPC)

- Water Storage Exploratory Committee (WSEC)

<https://www.valleywater.org/how-we-operate/committees/board-advisory-committees>

- Water Conservation and Demand Management Committee (WCaDMC)

<https://www.valleywater.org/your-water/water-supply-planning/monthly-water-tracker>

- Water Tracker

7. ADJOURN:

7.1. Adjourn to Regular Meeting at 1:30 p.m., on Monday, July 11, 2022.



Santa Clara Valley Water District

File No.: 22-0452

Agenda Date: 4/4/2022
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Agricultural Water Advisory Committee

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the January 3, 2022, Meeting Minutes.

SUMMARY:

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

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

ATTACHMENTS:

Attachment 1: 01032022, Ag Water Draft Meeting Mins.

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193



AGRICULTURAL WATER ADVISORY COMMITTEE MEETING

DRAFT MINUTES

MONDAY, JANUARY 3, 2022

A regularly scheduled meeting of the Agricultural Water Advisory Committee was held on January 3, 2022, Teleconference via Zoom in San Jose, California.

1. CALL TO ORDER/ROLL CALL

Committee Chair David Vanni called the meeting to order at 1:31 p.m.

Members in attendance were:

Jurisdiction

District 1

District 2

District 3

District 4

District 5

District 6

Loma Prieta Resource Conservation District

Representative

Mitchell Mariani

James Provenzano

William Cilker

David Vanni

Sheila Barry

Jan Garrod

Michael Miller*

Tim Chiala

Peter Van Dyke

Members not in attendance were:

Jurisdiction

District 1

District 4

District 6

District 7

Representative

Russ Bonino

Brent Bonino

Robert Long

Sandra Carrico

*Committee Members logged on as indicated below.

Board members in attendance were: Director Nai Hsueh (District 5), Board Alternate, Director Richard P. Santos (District 3), and Director John L. Varela (District 1), Board Representatives.

Staff members in attendance were: Jennifer Abadilla, Aaron Baker, Neeta Bijoor, Glenna Brambill, Justin Burks, Keila Cisneros, George Cook, Vanessa De La Piedra, Melissa Fels, Vincent Gin, Samantha Greene, Candice Kwok-Smith, Carmen Narayanan, Metra Richert, Don Rocha, Ashley Shannon, Kirsten Struve, Darin Taylor, and Gregory Williams.

Guest in attendance were: Anna Rallings and Josh Viers (UC Merced).

Public in attendance was: Director Linda J. LeZotte (Valley Water Board Member, District 4).

*Mr. Michael Miller logged on at 1:35 p.m.

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 Mr. Peter Van Dyke second by Mr. James Provenzano and by roll call and unanimous vote approved the October 4, 2021, Agricultural Water Advisory Committee meeting minutes, as presented.

4. ACTION ITEMS:

4.1 ELECTION OF CHAIR AND VICE CHAIR

Committee Chair Mr. David Vanni opened the floor to receive nominations for the Chair and Vice Chair

1. Peter Van Dyke nominated Jan Garrod for Chair.
2. Tim Chiala nominated Peter Van Dyke for Vice Chair

The Committee by roll call and unanimous vote approved Mr. Jan Garrod as the 2022 Agricultural Water Advisory Committee Chair and Mr. Peter Van Dyke as the 2022 Agricultural Water Advisory Committee Vice Chair.

4.2 REVIEW AND APPROVE 2021 ANNUAL ACCOMPLISHMENTS REPORT FOR PRESENTATION TO THE BOARD (COMMITTEE CHAIR)

Ms. Glenna Brambill review the materials as outlined in the agenda.

It was moved by Mr. Peter Van Dyke second by Ms. Sheila Barry and by roll call and unanimous vote approved the 2021 Annual Accomplishments Report.

4.3 DROUGHT RESPONSE UPDATE

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

The Agricultural Water Advisory Committee discussed the following: rainwater, aquifer, flush of sand/water table in Zone W-5, seasonal recovery, staying on a drought status,

agencies receiving water conservation presentation, eCart, LRP graphs and the response time has improved, when will rainfall be back to normal, and continuing with water conservation.

Ms. Vanessa De La Piedra, Director John L. Varela, Director Richard P. Santos, and Mr. Aaron Baker were available to answer questions.

The Agricultural Water Advisory Committee took no action.

4.4 REVIEW AND COMMENT TO THE BOARD ON THE FISCAL YEAR 2022-23 PRELIMINARY GROUNDWATER PRODUCTION CHARGES

Ms. Carmen Narayanan reviewed the materials as outlined in the agenda

The Agricultural Water Advisory Committee discussed the following: thanked Valley Water for keeping agricultural rates down, Open Space Credit, and inflation being accounted for in the rates.

The Agricultural Water Advisory Committee took no action.

4.5 AGRICULTURAL WATER USE BASELINE STUDY UPDATE

Ms. Samantha Greene and Ms. Anna Rallings of University of California Merced reviewed the materials as outlined in the agenda.

The Agricultural Water Advisory Committee discussed the following: difference between hay vs pasture, fallowing, irrigation vs land grazing (animals), parcel size, bare land retaining water, soil types, and water management.

The Agricultural Water Advisory Committee took no action.

4.6 INJECTION WELLS FOR GROUNDWATER RECHARGE

Mr. George Cook reviewed the materials as outlined in the agenda.

The Agricultural Water Advisory Committee discussed the following: perc ponds, monitoring wells, recharging and evaporation issues.

Ms. Vanessa De La Piedra and Mr. Aaron Baker were available to answer questions.

The Agricultural Water Advisory Committee took no action.

4.7 REVIEW AGRICULTURAL WATER ADVISORY 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.

Agenda Items for April:
Drought Update, Proposed Groundwater Production Charges and, FloodMAR,

The Agricultural Water Advisory Committee took no action.

5. INFORMATION ITEM

5.1 STANDING ITEMS REPORT

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

The Agricultural Water Advisory Committee took no action.

6. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS TO THE BOARD

Ms. Glenna Brambill reported there were no action items for Board consideration.

7. REPORTS

7.1 Director's Report

None.

Director John L. Varela, looking forward to 2022, rates and conservation discussions.

Director Richard P. Santos encouraged the Committee to get involved in attending meetings with the Farm Bureau and Legislators regarding the needs for water resources. Commended outgoing Chair David Vanni and looking forward working with the new 2022 Chair Jan Garrod and Vice Chair Peter Van Dyke.

Mr. David Vanni thanked the Board Representatives for all of their assistance and support to the Committee.

Director Nai Hsueh also thanked everyone as was already stated.

7.2 Manager's Report

None.

Mr. Aaron Baker and Valley Water Staff are looking forward to working with the Committee for the new year.

7.3 Committee Member Reports

None.

7.4 Informational Link Reports

Links were provided in the Committee's agenda packet.

8. ADJOURNMENT

Committee Chair Jan Garrod adjourned the meeting at 3:27 p.m. to the regular meeting on Monday, April 4, 2022, at 1:30 p. m.

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

Approved:



Santa Clara Valley Water District

File No.: 22-0453

Agenda Date: 4/4/2022

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Agricultural Water Advisory Committee

SUBJECT:

Drought Response Update.

RECOMMENDATION:

Receive Drought Update.

SUMMARY:

Drought Conditions

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

Reflecting critically dry conditions across the state, the Central Valley Project and State Water Project have drastically reduced imported water allocations in 2021 and 2022. Imported water typically comprises half of Valley Water's annual water supply. Valley Water has been negotiating purchases of emergency transfer water supplies; however, tight supplies and potential state regulatory actions pose significant uncertainty to water transfers.

Furthermore, Valley Water is impacted by the unavailability of Anderson Reservoir as a surface water storage facility for the duration of the Anderson Dam Seismic Retrofit Project, which is expected to last 10 years. If dry conditions continue and Valley Water's water use reduction target is not met, there is some risk of resumed groundwater subsidence in North County and wells going dry, particularly in South County. That risk increases as the drought persists. In South County, groundwater is the only drinking water supply.

Water conservation is an important strategy to help alleviate these possible negative impacts.

Water Conservation Programs

Valley Water continues to conduct public outreach to encourage water conservation and participation in Valley Water's conservation programs. Participation in these programs has greatly increased in 2022.

As part of Resolution 21-68, Valley Water has committed to aggressively promoting water conservation programs to all water users in the County, including agriculture, and urges Santa Clara

County farmers to consider the water shortage emergency condition in planting and irrigation practices. Valley Water has several conservation programs for agriculture, such as the Mobile Irrigation Lab. The Committee received an update on the Mobile Irrigation Lab on October 4, 2021. Valley Water mailed letters to agricultural groundwater pumpers in July 2021 and March 2022 to inform them of the call for water use reduction and encourage participation in Valley Water's conservation programs. The most recent letter from March 2022 is attached (Attachment 2). As part of outreach efforts to the agricultural community, Valley Water staff will be participating in the future standing Farm Bureau Board meetings jointly with Interim Chair Varela.

Valley Water is conducting an Agricultural Water Use Baseline Study expected to be completed by the end of 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. The University of California - Merced team performing the study made additional progress in using a remote-sensing based evaluation approach to determine patterns in crop distribution and irrigation technology verification. The team is now analyzing spatial datasets and developing recommendations. The Committee received an update on the study on January 3, 2022.

Countywide Water Use Reduction

Valley Water is engaging with retailers and cities to encourage drought response actions. As of March 17, 2022, the County of Santa Clara and 14 cities in Santa Clara County have taken formal action to their elected boards in response to the drought and to Valley Water's call to reduce water use by 15% compared to 2019 levels. All cities in Santa Clara County have increased conservation messaging in response to the drought.

Santa Clara County has made consistent progress in reducing water use since Valley Water's call to reduce water use in June 2021. The cumulative water savings from June 2021 - January 2022 is 8%.

Valley Water's retailers used less water in January 2022 than in December 2021 (and all other months following Valley Water's June 2021 Resolution). But retailers used slightly more water, 2% more, in January 2022 as compared to January 2019 (pre-COVID). But this amount is 7% less than what was used in January 2021 during COVID. With no measurable precipitation in January 2022 and higher than average temperatures, more people may have turned their outdoor irrigation systems on.

Valley Water continues its multilingual, multi-platform outreach to the media and community to encourage residents, businesses, farms, and others to save water in order to achieve a cumulative 15% reduction in water use in 2022.

ATTACHMENTS:

Attachment 1: PowerPoint

Attachment 2: Ag Groundwater Pumpers Letter

UNCLASSIFIED MANAGER:

Vincent Gin, 408-630-2633

Water Shortage Emergency Condition and Call for Conservation

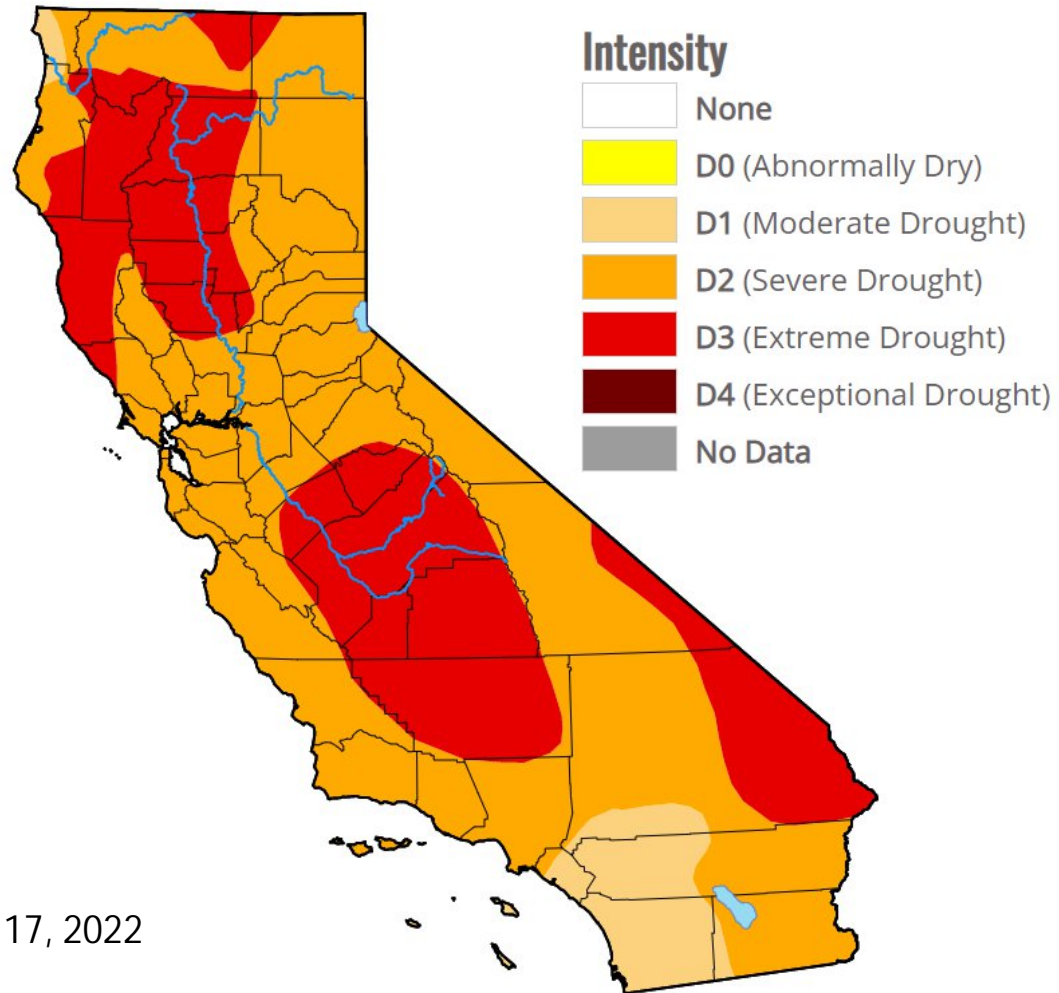
Agricultural Water Advisory Committee
April 4, 2022



Drought Status

Below normal snowpack
and reservoir levels

Data source: U.S. Drought Monitor, Mar. 17, 2022



Countywide Water Savings

3

- June 2021 – January 2022 Cumulative Savings - 8%
- Winter use mostly indoor (essential) use
- Greatest savings expected during spring and summer, when irrigation is used more

Drought and Conservation Public Outreach

Multilingual digital, print, TV, radio, videos

Social media campaigns

Speakers Bureau outreach

Water Ambassadors

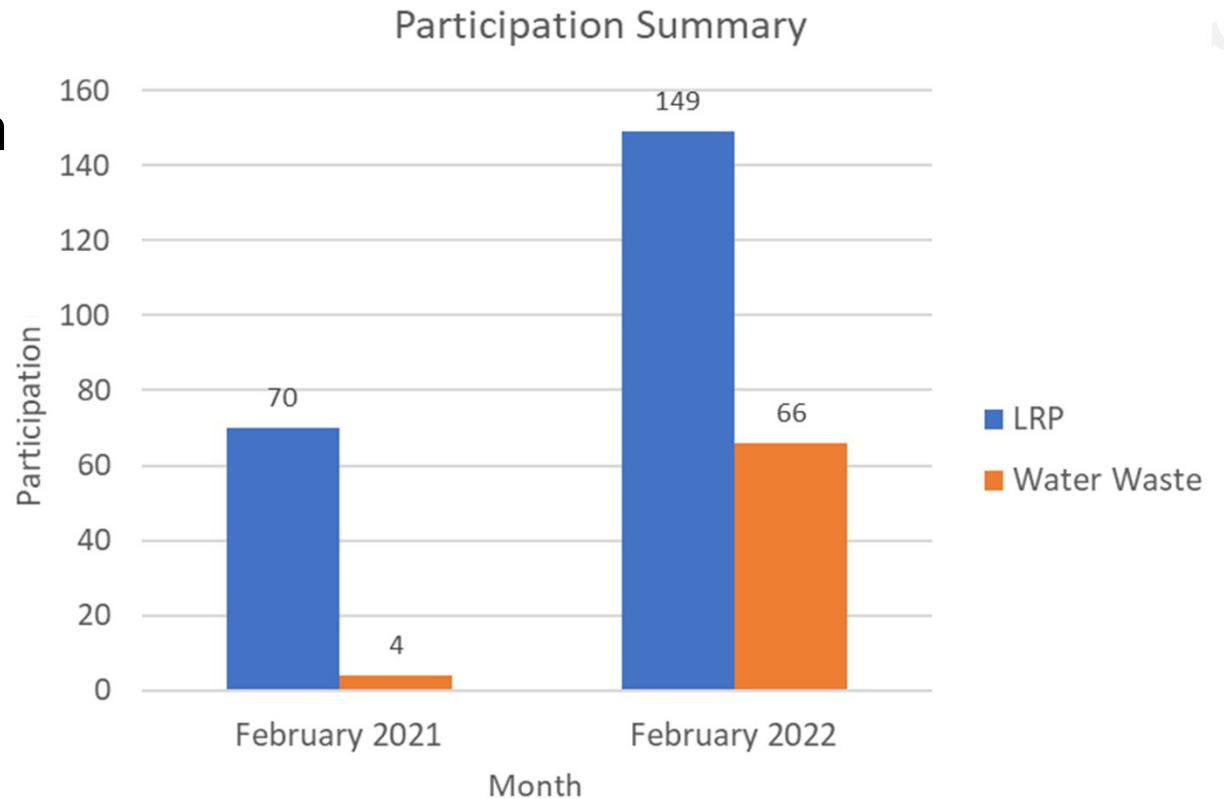
Education

Agricultural outreach



Water Conservation

- Participation remains high
- Vendor assistance
- eCart Participation
 - 7 in Feb 2021
 - 2,516 in Feb 2022



Agricultural Outreach

- Mobile Irrigation Lab
- Letters to agricultural groundwater pumpers
- Agricultural Water Use Baseline Study
- Farm Bureau meetings

2022 Imported Water Supplies

Low allocations

- State Water Project
- Central Valley Project
- Semitropic water bank withdrawal- 31.5 TAF
- Emergency transfers – under negotiations

Groundwater

8

- Improvement, but risk of subsidence and dry wells continues
- Increased recharge since August 2021
- February recharge decreased from January due to pipeline maintenance

QUESTIONS



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March 15, 2022

Subject: Continued Water Use Reduction Needed due to Dry Conditions

Dear Agricultural Well User:

In July 2021, we informed you of the Valley Water Board of Directors declaration of a Water Shortage Emergency Condition in Santa Clara County and call for a mandatory 15 percent reduction in water use compared to 2019. Heavy rain in December 2021 was welcomed, but the drought is not over. January and February have been extremely dry, and it appears the drought will continue.

Valley Water is planning for continued shortages of local and imported water supplies in 2022. If the drought persists and water use is not reduced, local groundwater levels could drop significantly, affecting you as a well user. Please know that Valley Water is taking action to protect groundwater levels and ensure we can continue to provide safe, clean water to you and the greater community.

Valley Water continues to ask all communities, including agricultural well users, to reduce water use by 15 percent compared to 2019. Please consider the potential for continued and worsened drought conditions in your planting and irrigation practices.

We must collectively reduce our water use to guard against over-pumping groundwater, which can cause problems like wells going dry. We know many farmers have been conserving water and investing in efficient irrigation systems, and sincerely thank you for your efforts. We encourage you to visit valleywater.org/saving-water/agriculture to save even more water and money through Valley Water's:

- Free Mobile Lab program to improve farm irrigation efficiency
- Other agricultural assistance resources
- Private well meter rebates

Valley Water is here to help you find ways to reduce your water use by 15 percent compared to 2019. Please visit watersavings.org for more information, or for questions about our agricultural water conservation services, contact Ashley Shannon at (408) 630-2951 or AShannon@valleywater.org.

If you do not have a record of how much water you pumped in 2019, please contact us at WaterRevenue@valleywater.org or (408) 630-2770. We recognize the vital importance of agriculture to Santa Clara County and remain committed to supporting the local agricultural community.

Sincerely,



Aaron Baker
Chief Operating Officer
Water Utility Enterprise





Santa Clara Valley Water District

File No.: 22-0454

Agenda Date: 4/4/2022

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Agricultural Water Advisory Committee

SUBJECT:

Review Proposed Fiscal Year 2022-23 Groundwater Production Charges and Receive Committee Feedback.

RECOMMENDATION:

Review proposed Fiscal Year 2022-23 Groundwater Production Charges and receive Committee feedback.

SUMMARY:

Summary of Groundwater Production Charge Analysis:

The proposed groundwater production charges reflects the benefit of District activities to protect and augment groundwater supplies and is applied to water extracted from the groundwater basin in Zones W-2, W-5, W-7, and W-8.

Zone W-2 encompasses the Santa Clara groundwater subbasin north of Metcalf Road or the North County. Zone W-5 overlays the Llagas subbasin from northern Morgan Hill south to the Pajaro River. Zone W-7 overlays the Coyote Valley south of Metcalf Road to northern Morgan Hill, and W-8 encompasses the area below Uvas and Chesbro Reservoirs. The discussion in this memo will focus on the three South County zones given that the agricultural groundwater charge projection is linked to the Municipal and Industrial (M&I) charges in South County.

The groundwater production charge recommendations are detailed in the Annual Report on the Protection and Augmentation of Water Supplies that was filed with the Clerk of the Board on February 25, 2022. The public hearing on groundwater production charges is scheduled to open on April 12, 2022 and continue on April 14, 2022 with a focus on South County. It is anticipated that the Board would set the FY 2022-23 groundwater production charges by May 10, 2022, with an effective date of July 1, 2022.

The FY 2022-23 groundwater production charge and surface water charge setting process will be conducted consistent with the District Act, and Board resolutions 99-21 and 12-10.

Open Space Credit

The Santa Clara Valley Water District (Valley Water) Board has historically recognized that agriculture

brings value to Santa Clara County in the form of open space and local produce. According to Section 26.1 of the District Act, agricultural water is “water primarily used in the commercial production of agricultural crops or livestock.” In an effort to help preserve this value, the District Act limits the agricultural charge to be no more than 25% of the M&I charge. Furthermore, the Board’s Pricing Policy limits the agricultural groundwater production charge to 10% of the M&I Charge. Currently the zone with the lowest M&I charge is used to set the agricultural groundwater production charge (Zone W-8).

The agricultural community benefits from low groundwater charges, currently set a \$34.15/AF, or 10% of the Zone W-8 M&I charge of \$341.50/AF.

The credit to agricultural water users has become known as an “Open Space Credit.” It is paid for by fungible, non-rate related revenue. To offset lost revenue that results from the difference between the adopted agricultural groundwater production charge and the agricultural charge that would have resulted at the full cost of service, Valley Water redirects a portion of the 1% ad valorem property taxes generated in the Water Utility, General and Watershed Stream Stewardship Funds.

Groundwater Production Charge Recommendations

Staff proposes a maximum 15% increase in the North County Zone W-2 Municipal and Industrial groundwater production charge from \$1,499 per acre foot (AF) to \$1,724/AF. Staff recommends maintaining the treated water surcharge on treated water delivered under the contracts with retail agencies at \$115/AF, and maintaining the non-contract treated water surcharge at \$200/AF. The proposal equates to a monthly bill increase for the average household of \$7.75 or about 26 cents a day.

In the South County Zone W-5, staff proposes a maximum 5.2% increase in the M&I groundwater production charge from \$488/AF to \$513/AF. The proposal equates to a monthly bill increase for the average household of \$0.86 or about 3 cents per day.

In the South County Zone W-7, staff proposes a maximum 10.3% increase in the M&I groundwater production charge from \$528.50/AF to \$582.50/AF. The proposal equates to a monthly bill increase for the average household of \$1.86 or about 6 cents per day.

In the South County Zone W-8, staff proposes a maximum 8% increase in the M&I groundwater production charge from \$341.50/AF to \$368.50/AF. The proposal equates to a monthly bill increase for the average household of \$0.93 or about 3 cents per day.

Customers in both areas of North and South County may also experience additional charge increases enacted by their retail water providers.

Based on Board direction, the proposed maximum agricultural groundwater production charge is 10% of M&I for Zone W-8, which would mean an increase from \$34.15/AF (10% of Zone W-8) to \$36.85/AF. The proposed maximum groundwater production charge for agricultural rates would translate to an increase of up to \$0.45 per month per acre, assuming 2 (two) acre-feet of water usage

per acre per year.

The proposed maximum groundwater production charges for FY 2022-23 are necessary to pay for emergency water purchases in response to the severe current drought, investments in water supply infrastructure rehabilitation and upgrades, and new water supply reliability investments.

A key infrastructure rehabilitation investment is the Anderson Dam Seismic Retrofit, which is a \$1.2 billion project that will improve public safety and restore operational capacity. A key water supply reliability investment is the Pacheco Reservoir Expansion project, estimated to cost roughly \$2.5 billion, would provide an additional 80,000 acre-feet of water storage capacity.

Staff is seeking the Committee's feedback, or input, with regard to these proposed groundwater production charges for FY 2022-23.

ATTACHMENTS:

Attachment 1: PowerPoint Presentation

UNCLASSIFIED MANAGER:

Darin Taylor, 408-630-3068



FISCAL YEAR 2022-23

Water Charge Recommendations

Agricultural Water Advisory Committee

Presented by
Darin Taylor, Chief Financial Officer
April 4, 2022



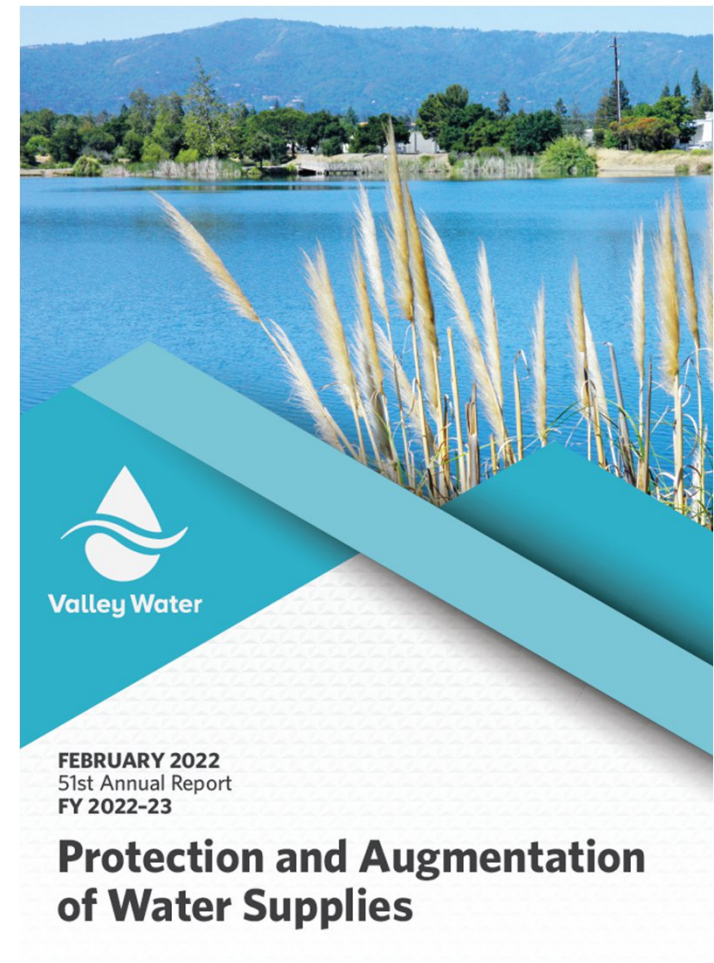
51st Annual Report Released

Annual Protection and Augmentation of Water Supplies Report provides information & accountability

Filed February 25, 2022

Available Online:

<https://www.valleywater.org/ProposedWaterCharges>



Recommended rate setting strategy for FY 2022-23

3

FY 23 BASELINE CASE ASSUMPTIONS:

- Baseline Projects*
- SWP Tax pays for 100% of SWP costs (excludes SWP portion of Delta Conveyance)
- Delta Conveyance SWP portion at 3.23%
- Los Vaqueros (Transfer Bethany Pipeline)
- Anderson Dam Seismic Retrofit with WIFIA loans (up to 49% of TPC)
- Purified Water Expansion via P3 with operations beginning in FY28
 - Assumes 100% debt financing through P3 entity
- Pacheco Reservoir Expansion Project (PREP) with \$496M Proposition 1 grants, WIFIA loans (up to 49% of TPC) and Partnership Participation at 35% of TPC
- Master Plan Projects Placeholder***: Assumes \$369M from FY23-FY32, mainly after 5 Year CIP

* Includes but not limited to dam seismic retrofits, Rinconada WTP reliability improvement, 10-year pipeline rehabilitation program

** Master Plan Project Placeholder includes anticipated costs for new pipelines, pipeline rehabilitations, treatment plant upgrades & SCADA implementation projects

TPC: Total Project Cost



Water Usage Trend in South County (Zone W-5, W-7 & W-8)



Capital Investments in South County – FY23 through FY32

5

ENSURING A RELIABLE WATER SUPPLY

Valley Water is dedicated to ensuring a reliable water supply through investments in its infrastructure. Valley Water plans to invest \$1.15 billion countywide over the next ten years to evaluate and seismically retrofit our dams, including Anderson Dam, a key water storage resource for Santa Clara County. For further details, please visit: valleywater.org/project-updates/dam-reservoir-projects.



Anderson Dam

PIPELINES AND RELATED INFRASTRUCTURE

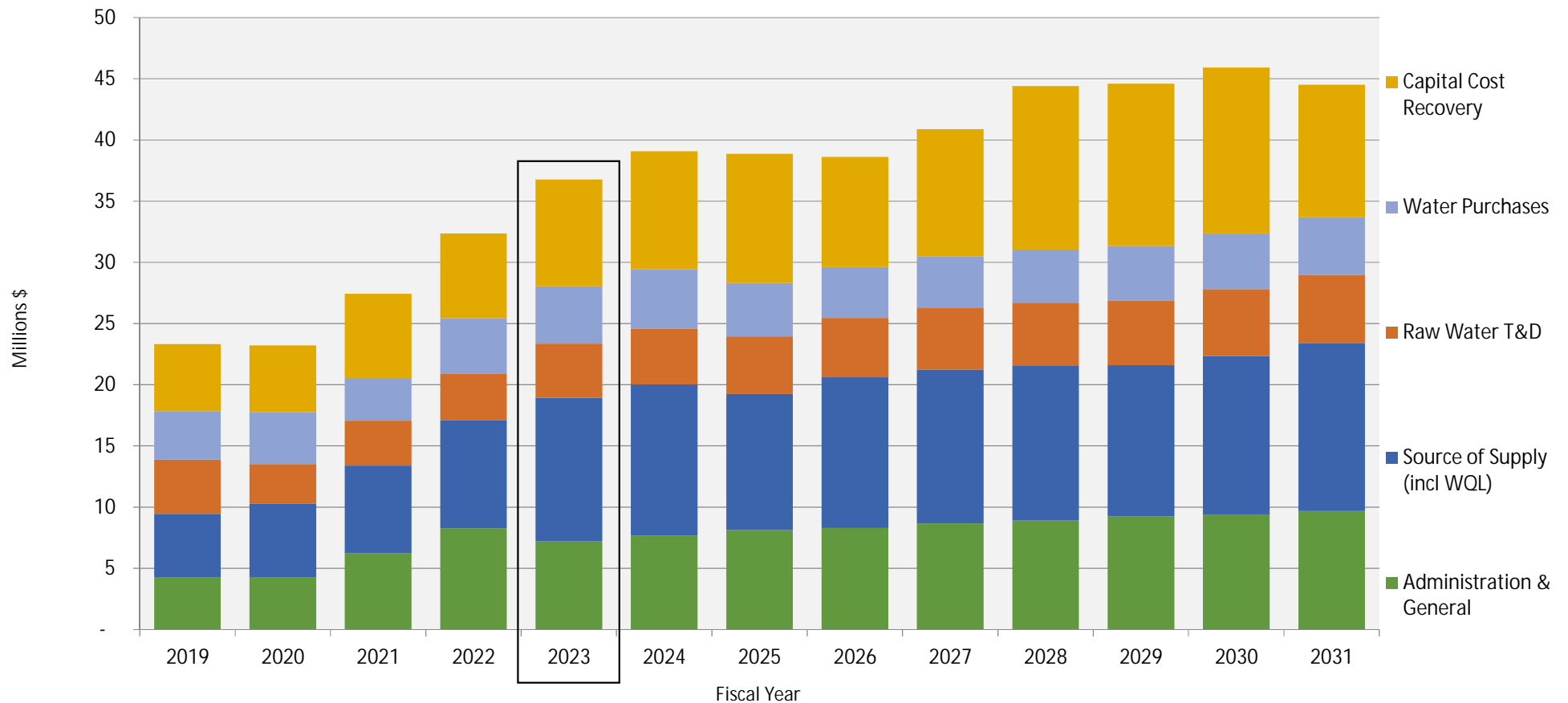
Valley Water is dedicated to ensuring a reliable water supply through investments in its infrastructure. These investments include the South County Recycled Water Pipeline Implementation Phase 1B project, which is intended to construct an additional 8,200 of linear pipeline in the Gilroy area. The additional pipeline will expand recycled water delivery in South County. For further details, please visit: valleywater.org/project-updates/infrastructure-improvement-projects.



Recycled Water Pipeline Project

South County Long Term Cost Projection

6



FY 2022-23 Recommended Groundwater Charge Projection

7

M&I Groundwater Charge Year to Year Growth %

Staff Recommendation	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
South County Zone W-5 FY22 long term projections: 4.5%	5.2%	5.2%	5.2%	5.2%	5.2%	5.2%	5.2%	5.2%	5.2%	5.2%
South County Zone W-7 FY22 long term projections: 9.9%	10.3%	10.3%	10.3%	10.3%	10.3%	10.3%	10.3%	10.3%	10.3%	10.3%
South County Zone W-8 FY22 long term projections: 4.4%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%



FY 2022-23 South County Zone W-5 Maximum Proposed Charges

8

Zone W-5 (Llagas Subbasin)	Dollars Per Acre Foot		
	FY 2020–21	FY 2021–22	Proposed Maximum FY 2022–23
Basic User/Groundwater Production Charge			
Municipal & Industrial	467.00	488.00	513.00
Agricultural	28.86	34.15	36.85
Surface Water Charge			
Surface Water Master Charge	37.50	40.90	47.10
Total Surface Water, Municipal & Industrial*	504.50	528.90	560.10
Total Surface Water, Agricultural*	66.36	75.05	83.95
Recycled Water Charges			
Municipal & Industrial	447.00	468.00	493.00
Agricultural	56.26	61.55	64.25

M&I Increase approximately \$0.86 per month increase to the average household user.

Note: Does not include any increase that a retailer would layer on top



* The total surface water charge is the sum of the basic user charge (which equals the groundwater production charge) plus the water master charge



FY 2022-23 South County Zone W-7 Maximum Proposed Charges

9

Zone W-7 (Coyote Valley)	Dollars Per Acre Foot		
	FY 2020-21	FY 2021-22	Proposed Maximum FY 2022-23
Basic User/Groundwater Production Charge			
Municipal & Industrial	481.00	528.50	582.50
Agricultural	28.86	34.15	36.85
Surface Water Charge			
Surface Water Master Charge	37.50	40.90	47.10
Total Surface Water, Municipal & Industrial*	518.50	569.40	629.60
Total Surface Water, Agricultural*	66.36	75.05	83.95

M&I Increase approximately \$1.86 per month increase to the average household user.

Note: Does not include any increase that a retailer would layer on top



* The total surface water charge is the sum of the basic user charge (which equals the groundwater production charge) plus the water master charge



FY 2022-23 South County Zone W-8 Maximum Proposed Charges

10

Zone W-8 (Uvas / Chesbro)	Dollars Per Acre Foot		
	FY 2020-21	FY 2021-22	Proposed Maximum FY 2022-23
Basic User/Groundwater Production Charge			
Municipal & Industrial	327.00	341.50	368.50
Agricultural	28.86	34.15	36.85
Surface Water Charge			
Surface Water Master Charge	37.50	40.90	47.10
Total Surface Water, Municipal & Industrial*	364.50	382.40	415.60
Total Surface Water, Agricultural*	66.36	75.05	83.95

M&I Increase approximately \$0.93 per month increase to the average household user.
 Note: Does not include any increase that a retailer would layer on top



* The total surface water charge is the sum of the basic user charge (which equals the groundwater production charge) plus the water master charge



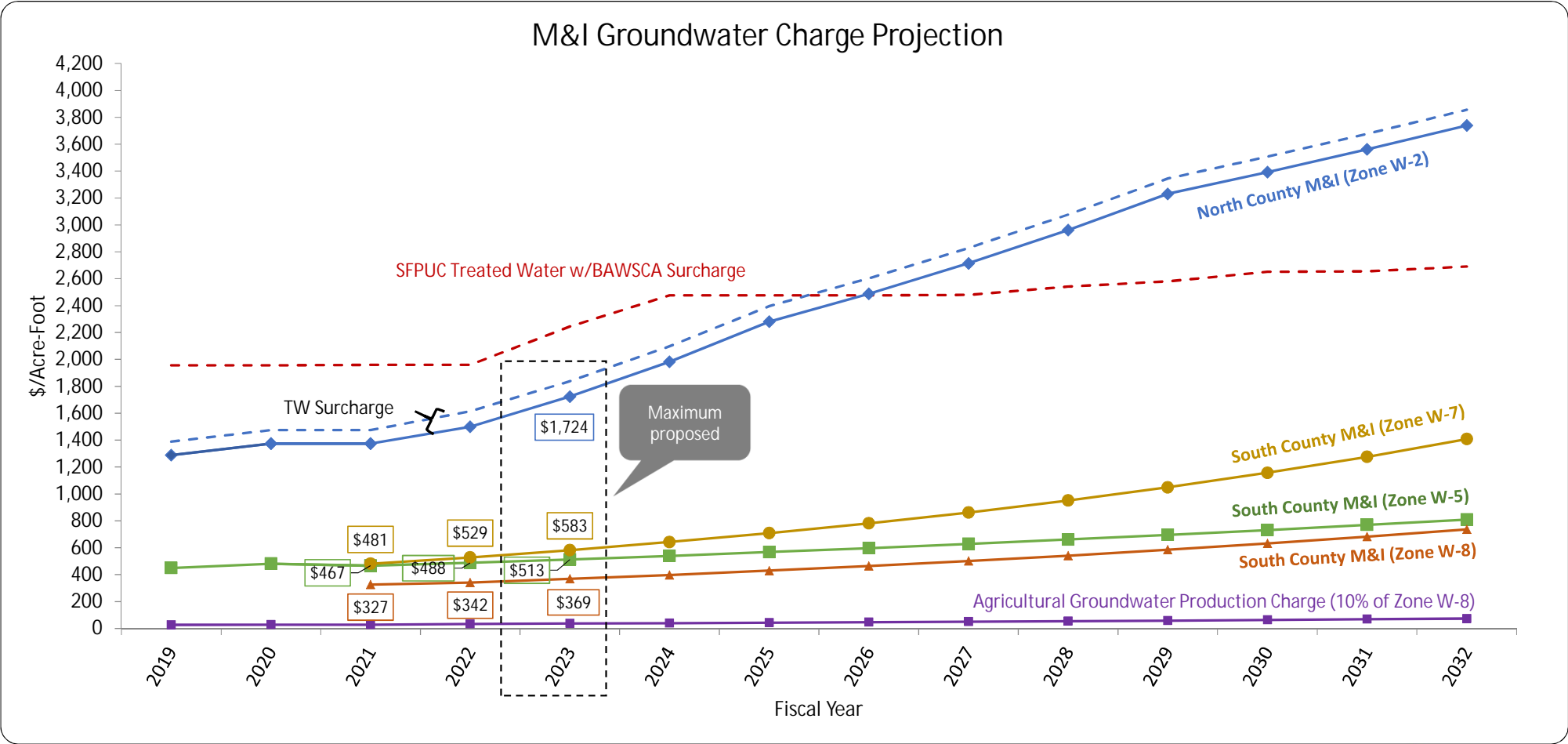
Agricultural Benchmarks

11

Agency (As of March 2022)	Ag \$/AF	Non-Ag \$/AF	Ag as % of Non-AG
San Benito Groundwater (Quality issues)	\$13.55	\$40.55	33%
Modesto ID Untreated SW (\$2/AF for first 2 AF)	\$2.00 to \$40.00	N/A	
SCVWD South Groundwater Zone W-5 Zone W-7 Zone W-8	\$36.85	\$513.00 \$582.50 \$368.50	7% 6% 10%
SCVWD South Untreated SW Zone W-5 Zone W-7 Zone W-8	\$83.95	\$560.10 \$629.60 \$415.60	15% 13% 20%
Merced ID Untreated SW	\$100.00	N/A	
Merced ID Groundwater	\$161.00	N/A	
Lost Hills Untreated SW	\$170.16 to \$269.29	N/A	
Zone 7 Untreated SW	\$204.00	N/A	
Westlands WD Pressurized	\$277.95	\$1,081.96	26%
San Benito Pressurized	\$315.50	\$452.50	70%



FY 2022-23 Recommended Groundwater Charge Projection



2022 Schedule

13

Jan 3	Ag Water Advisory Committee
Jan 11	Board Meeting: Preliminary Groundwater Charge Analysis
Jan 19	Water Retailers Meeting: Preliminary Groundwater Charge Analysis
Jan 26	Water Commission Meeting: Preliminary Groundwater Charge Analysis
Feb 8	Board Meeting: Set time & place of Public Hearing
Feb 25	Mail notice of public hearing and file PAWS report
Mar 8	Board Meeting: Budget development update
Mar 16	Water Retailers Meeting: FY 23 Groundwater Charge Recommendation
Mar TBD	Landscape Committee Meeting
Apr 4	Ag Water Advisory Committee
Apr 13	Water Commission Meeting
Apr 12	Open Public Hearing
Apr 14	Continue Public Hearing in South County
Apr 26	Conclude Public Hearing
Apr 27-28	Board Meeting: Budget work study session
May 10	Adopt budget & groundwater production and other water charges



Summary

14

Key Drivers for Water Rate Increases:

- Emergency water purchases to ensure water supply for Silicon Valley and preparing for ongoing drought over next 2 years
- Smart infrastructure investments needed today:
 - Investing now is most cost-efficient way to get critical multi-year projects done

Valley Water is leveraging all available tools to minimize rate impacts now

- Continue to reassess drought status & recovery for future year rate impacts

Proposed Maximum FY 23 Groundwater Projection Charges for South County in terms of average household increase are:

- Increase of \$0.86 per month in Zone W-5
- Increase of \$1.86 per month in Zone W-7
- Increase of \$0.93 per month in Zone W-8

Proposed Maximum FY 23 Groundwater Production Charge for Agricultural Rates in terms of average ag user is:

- Increase of \$0.45 per month per acre assuming two acre feet of water pumped per year





Santa Clara Valley Water District

File No.: 22-0455

Agenda Date: 4/4/2022

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Agricultural Water Advisory Committee

SUBJECT:

Flood-Managed Aquifer Recharge Preliminary Feasibility Study for Santa Clara County.

RECOMMENDATION:

This is an information only item and no action is required.

SUMMARY:

The Santa Clara Valley Water District (Valley Water) Board of Directors approved initiating planning efforts of Valley Water's Water Supply Master Plan 2040 "No Regrets Package" of stormwater capture and water conservation projects in 2018, which included a Flood-Managed Aquifer Recharge (Flood-MAR) program in Santa Clara County. Valley Water is interested in Flood-MAR as a decentralized approach to groundwater recharge that would recharge local stormwater at suitable sites in Santa Clara County. Unlike Valley Water's centralized managed aquifer recharge program, Flood-MAR sites may be located on private or public lands not owned by Valley Water.

In November 2020, Valley Water commenced a partnership with researchers from the University of California Water Security and Sustainability Research Initiative (UC Water) to complete a Flood-MAR preliminary feasibility study in Santa Clara County. The preliminary feasibility study is expected to take two years, with an estimated completion date of December 2022.

The Flood-MAR preliminary feasibility study aims to:

- 1) Evaluate options for implementing Flood-MAR projects in Santa Clara County, including assessing technical approaches, regulatory requirements, and incentive programs, and
- 2) Develop GIS-based tools to quantify Flood-MAR suitability for the Valley Water region, including the assessment of properties and processes that influence Flood-MAR performance.

During the first year of the preliminary feasibility study, the project team collected important background information to inform the evaluation of Flood-MAR options and made significant progress with spatial datasets needed to develop the GIS-based tool. UC Water acquired and processed datasets relating to soils, groundwater, land use, and hydrology, and successfully completed an initial "proof of concept" test for the GIS-based tool.

Three workshops were held with Valley Water staff to benchmark the current state of Flood-MAR science and implementation in California and to understand how it may fit into Valley Water's water supply and operations system. Given the County's watershed and land use characteristics, the

project team agrees that smaller, decentralized projects that capture hillside stormwater flows or creek flood flows are most promising for initial development.

Over the final year of the preliminary feasibility study, the project team will evaluate Flood-MAR program design and implementation options for Santa Clara County, including regulatory requirements, administrative needs, and incentive programs. In addition, the project team will complete the development of the GIS-based tool for identifying potential sites for Flood-MAR implementation in Santa Clara County. Once the preliminary feasibility study is completed, Valley Water should be able to determine whether and how to implement a pilot Flood-MAR program.

Staff will bring updates on the Flood-MAR study to the Agricultural Water Advisory Committee and the Water Conservation and Demand Management Committee.

ATTACHMENTS:

Attachment 1: Presentation

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138



Flood Managed Aquifer Recharge Study in Santa Clara County

Presented by: Samantha Greene, Ph.D., Senior Water Resources Specialist

Andrew Fisher, Ph.D., Professor, UC Santa Cruz

Michael Kiparsky, Ph.D., Water Program Director, UC Berkeley

Photo courtesy of the Santa Clara Valley Open Space Authority

Water Supply “Ensure Sustainability” Strategy



1.

Secure
existing
supplies and
infrastructure

2.

Expand
conservation
and reuse

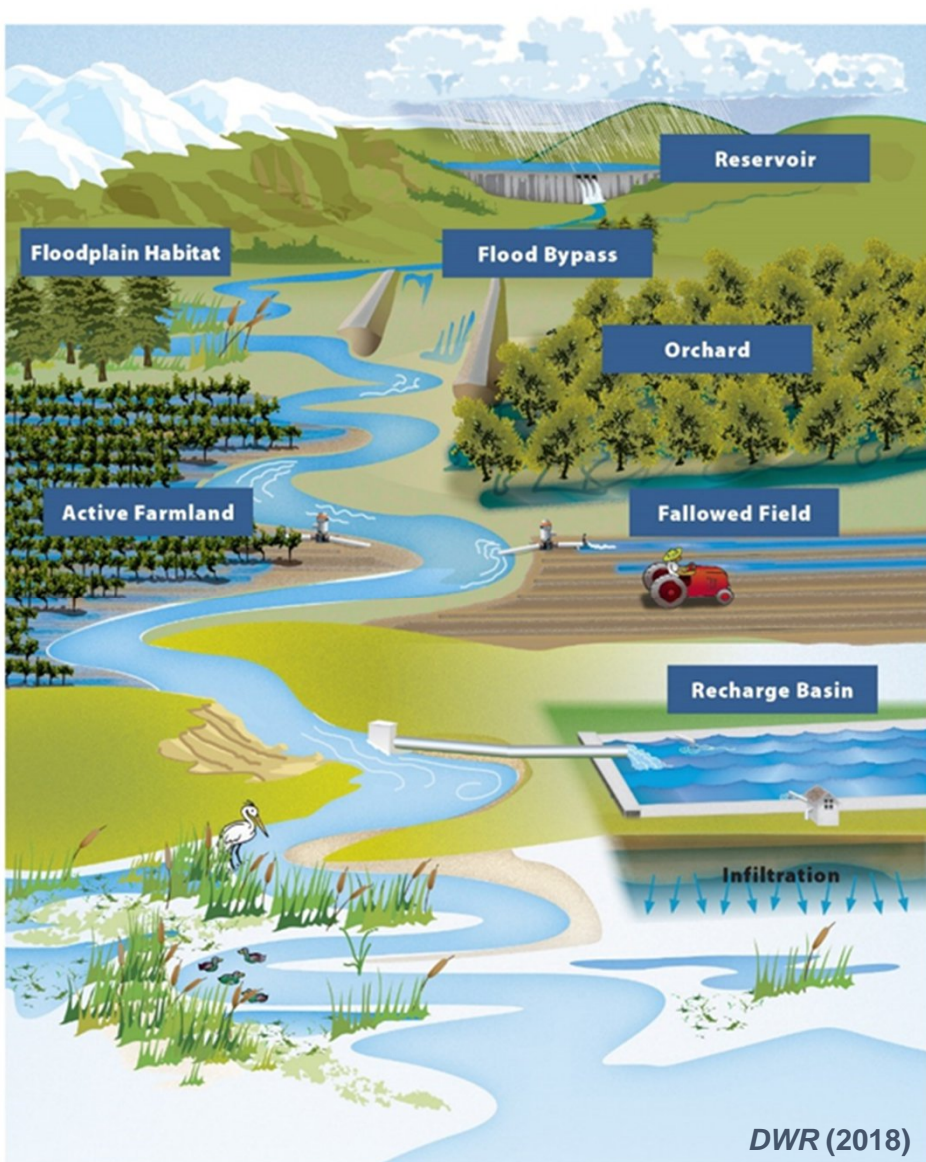
3.

Optimize the
system

- “No Regrets” Package of conservation and stormwater capture projects
 - Includes Flood-Managed Aquifer Recharge (Flood-MAR)
- Flood-MAR “secures” recharge on open lands, expands local stormwater capture and use

Flood-MAR

- Uses high flows for aquifer recharge on open space.
- Components:
 - Site selection
 - Stormwater collection/routing/infiltration
 - Regulatory requirements
 - Participation incentives
 - Water accounting
- Key considerations:
 - Water quality
 - Recharge effectiveness
 - Implementation costs



Water Resources Innovation Partnership

(Jan 2021 to Dec 2022)

- Collaboration with researchers from several University of California campuses
- Partnership Goal: complete a preliminary feasibility study on Flood-MAR implementation in Santa Clara County
 - Develop GIS tool to determine the potential availability of Flood-MAR sites – potential sites that are of interest will then require field assessment to confirm feasibility
 - Evaluate ways to incentivize a Flood-MAR program (if it involves private landowners)
 - Determine regulatory requirements and evaluate potentially needed policy decisions related to Flood-MAR



Water Resources Innovation Partnership

(Jan 2021 to Dec 2022)

- Task 1: Evaluate options and challenges for a Flood-MAR program in Santa Clara County
 - Technical implementation
 - Regulatory requirements
 - Incentives for program participation
- Task 2: Develop GIS-based tools to quantify Flood-MAR suitability for Valley Water
 - Acquire, process, and analyze datasets
 - Prepare datasets for tool development
 - Generate maps of Flood MAR suitability

NOTE: This is a preliminary feasibility study. This study determines whether Valley Water can continue into a planning study, which will ultimately indicate whether and how a Flood-MAR program is feasible in Santa Clara County.



Task 1: Program Development

- What does the program need to accomplish?
- How should it work?
- Program design?

Approach

- Legal and regulatory analysis
- Review of existing projects
- Engagement with internal and external experts

How should the program work?

- Engage with stakeholders and project partners
- Assess areas suitable for recharge and recharge approaches
- Permitting and regulatory compliance
 - Water rights
 - Water quality
 - Endangered species
- Monitoring needs
- Adaptive management
- Program funding
- Incentives



Photos: Flood-MAR site
in the Pajaro Valley
(courtesy of Dr. Andrew
Fisher)



Program Design

For projects:

- Communication and engagement
- Incentives
- Site selection
- Infrastructure
- Permitting
- Oversight, evaluation, adjustment

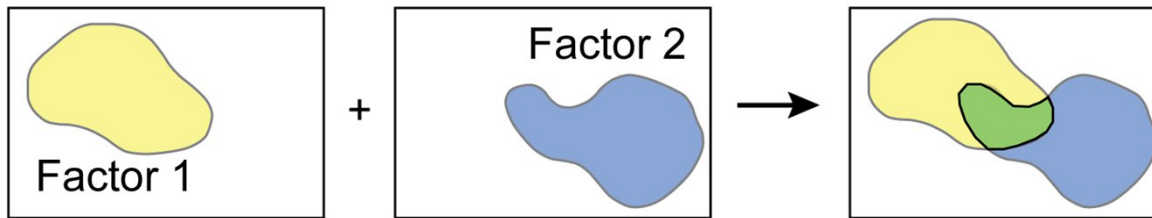


For the program:

- Information infrastructure/management
- Staffing
- Communication and engagement



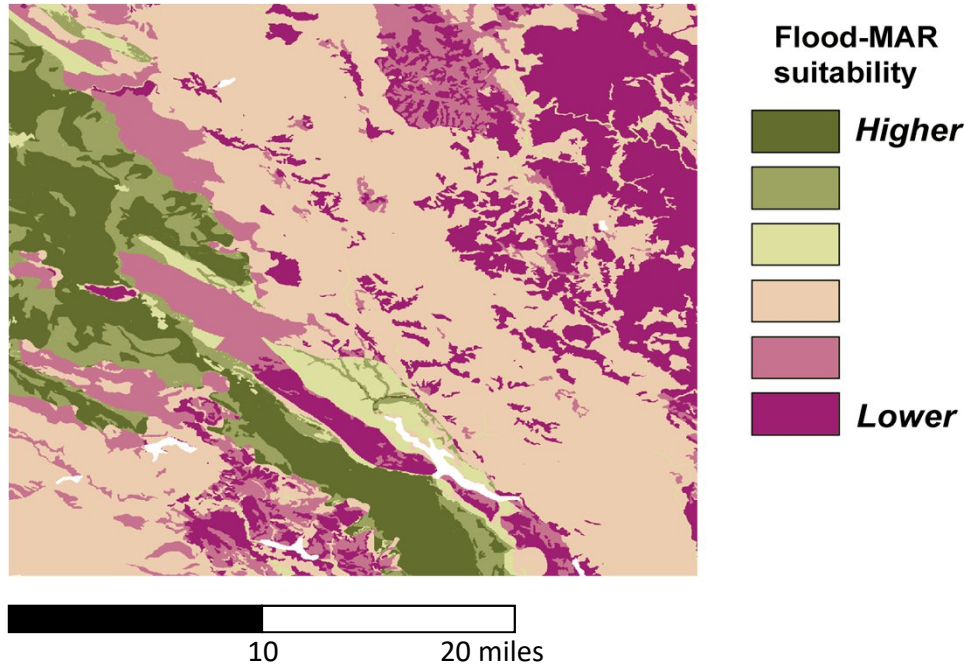
Task 2: Develop GIS-Based Tools



General goal: Identify areas where factors beneficial to Flood-MAR (blue and yellow) overlap (green area) – indicates increased potential for Flood-MAR success in that region.

- UC team worked with Valley Water to identify and acquire numerous data sets:
 - Land surface elevation
 - Soils
 - Land use/land cover
 - Geology
 - Groundwater conditions
- Selected datasets incorporated into GIS and delivered to VW for assessment

Task 2: Example product



- Illustration of concept; not a final product
- Example based on three surface datasets: elevation (slope), soil properties, geology

Complete analysis will have more datasets, greater detail, and will highlight site options

Next Steps

- Task 1 (Program Development): continue evaluating program goal, function, and design
- Task 2 (Tool Development): Complete GIS-based tool
 - Continue acquiring, processing, and analyzing datasets
 - Identify potential project sites
- If task 1 and 2 results are positive, begin a feasibility study that may include a pilot program
- Results of the study will be shared early 2023

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Santa Clara Valley Water District

File No.: 22-0456

Agenda Date: 4/4/2022

Item No.: 4.4.

COMMITTEE AGENDA MEMORANDUM

Agricultural Water Advisory Committee

SUBJECT:

Review Agricultural Water Advisory 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 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 any 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: Agricultural Water Advisory Committee 2022 Work Plan

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

2022 Work Plan: Agricultural Water Advisory Committee

Update: March 2022

The annual work plan establishes a framework for committee discussion and action during the annual meeting schedule. The committee work plan is a dynamic document, subject to change as external and internal issues impacting the District occur and are recommended for committee discussion. Subsequently, an annual committee accomplishments report is developed based on the work plan and presented to the District Board of Directors.

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
1	Election of Chair and Vice Chair for 2022	January 3	<ul style="list-style-type: none"> Committee Elects Chair and Vice Chair for 2022 (Action) 	Accomplished January 3, 2022: The Committee unanimously approved Mr. Jan Garrod as the 2022 Agricultural Water Advisory Committee Chair and Mr. Peter Van Dyke as the 2022 Agricultural Water Advisory Committee Vice Chair.
2	Annual Accomplishments Report	January 3	<ul style="list-style-type: none"> Review and approve 2020 Accomplishments Report for presentation to the Board. (Action) Submit requests to the Board, as appropriate. 	Accomplished January 3, 2022: The Committee unanimously approved the 2021 Annual Accomplishments Report. <i>The Board received the Committee's presentation at its March 8, 2022, meeting.</i>
3	Quarterly Drought Response Update.	January 3 April 4	<ul style="list-style-type: none"> Receive an update on the Drought Response (Information) 	Accomplished January 3, 2022: The Committee received an update on the Drought Response and took no action.

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1

Page 1 of 7

2022 Work Plan: Agricultural Water Advisory Committee

Update: March 2022

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
4	Review and Comment to the Board on the Fiscal Year 2022 – 2023 Preliminary Groundwater Production Charges	January 3	<ul style="list-style-type: none"> Review and comment to the Board on the Fiscal Year 2022-2023 Preliminary Groundwater Production Charges. (Action) 	Accomplished January 3, 2022: The Committee received a presentation on the Fiscal Year 2022-2023 Preliminary Groundwater Production Charges and took no action.
5	Agricultural Water Use Baseline Study Update.	January 3	<ul style="list-style-type: none"> Receive information on the Agricultural Water Use Baseline Study. (Information) 	Accomplished January 3, 2022: The Committee received a presentation on the Agricultural Water Use Baseline Study and took no action.
6	Injection Wells for Groundwater Recharge	January 3	<ul style="list-style-type: none"> Receive information on the Injection Wells for Groundwater Recharge (Information) 	Accomplished January 3, 2022: The Committee received information on the Injection Wells for Groundwater Recharge and took no action.
7	Review of Agricultural Water Advisory Committee Work Plan, the Outcomes of Board Action of Committee Requests and the Committee's Next Meeting Agenda	January 3 April 4 July 11 October 3	<ul style="list-style-type: none"> Receive and review the 2022 Board-approved Committee work plan. (Action) Submit requests to the Board, as appropriate. 	Accomplished January 3, 2022: The Committee received updates and reviewed the 2022 Board-approved Committee work plan and took no action.
8	Standing Items Report Fiscal Year 2022 Goals and Strategies:	January 3	<ul style="list-style-type: none"> Receive quarterly reports on standing items, FY2022. (Information) 	Accomplished January 3, 2022: The Committee received the quarterly reports on standing items and took no action.

Yellow = Update Since Last Meeting

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Attachment 1

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2022 Work Plan: Agricultural Water Advisory Committee

Update: March 2022

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
GOAL	STRATEGY	FY22 FOCUS AREAS		MONITORING COMMITTEE
INTEGRATED WATER RESOURCES MANAGEMENT	Strategy #1 Protect and maintain existing assets and infrastructure and advance new infrastructure projects.	<ul style="list-style-type: none"> Be strategic in managing existing flood protection assets consistent with the Safe Clean Water Program. Advance new infrastructure projects identified in the Asset Management Plan and Operations & Maintenance Plan. Increase engagement with cities on flood plain management, Community Rating System (CRS) program, and emergency action plans. 		Board Policy and Planning Committee (BPPC)
	Strategy #2 Pursue opportunities to improve internal capacity to acquire regulatory permits.	<ul style="list-style-type: none"> Continue to provide for agency-wide regulatory planning and permitting effort and pursue other efforts at the state and federal level to expedite permit review. Continue to foster better relationships with regulatory agencies and open dialogue with environmental, environmental justice and other stakeholders. Implement memorandum of understanding (MOU) with Regional Water Quality Control Board. 		BPPC
	Strategy #3 Engage and educate the community, elected officials and staff on our management of water resources in Santa Clara County	<ul style="list-style-type: none"> Continue to apply strategies for effective outreach, engagement, and education. Continue to develop and refine metrics to understand and improve the return on investment (ROI) of outreach strategies. Continue increasing efforts to educate the public about the mix of different types of water in Valley Water's portfolio, as well as our flood protection and environmental stewardship efforts. Engage directly with local government jurisdictions through joint meetings. 		Board of Directors
GOAL	STRATEGY	FY22 FOCUS AREAS		MONITORING COMMITTEE
WATER SUPPLY	Strategy #1 Actively Pursue New Water Supply and Storage Opportunities.	<ul style="list-style-type: none"> Explore opportunities to develop new surface and groundwater storage projects that align with Valley Water's mission. Determine level of participation for projects and decisions about partnerships in accordance with the Water Supply Master Plan and water affordability. Make decisions on the Pacheco Reservoir Expansion Project following review of the project's Environmental Impact Report (EIR). 		Water Storage Exploratory Committee (WSEC)
	Strategy #2 Actively Participate in decisions regarding the CA Delta Conveyance.	<ul style="list-style-type: none"> As a voice for Northern California, continue to engage and negotiate, through serving on the Delta Conveyance Design and Construction Authority and Finance Authority and Stakeholder Engagement Committee in adherence to Board approved Guiding Principles, to protect Santa Clara County's interests. 		Board of Directors

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1

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2022 Work Plan: Agricultural Water Advisory Committee

Update: March 2022

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
	Strategy #3 Lead Recycled and Purified Water Efforts with committed partners.		<ul style="list-style-type: none"> • Advance the Expedited Purified Water Program by releasing a Request for Proposal (RFP) for at least one Locally Sponsored Project. • Implement the Countywide Water Reuse Master Plan. • Continue to monitor Direct Potable Reuse (DPR) guidance and implement actions as needed. • Finalize negotiations on term sheet for South County recycled water and agreement on governance. 	Recycled Water Committee (RWC)
	Strategy #4 Advance Anderson Dam Seismic Retrofit Project.		<ul style="list-style-type: none"> • Continue construction on the Anderson Dam Tunnel Project (ADTP). • Continue to work with appropriate regulatory agencies to advance the ADSRP. • Release for review the Draft Environmental Report for the ADSRP. • Continue to educate and engage the public, key stakeholders, decision makers, and elected officials of the project progress and construction timeline. • Coordinate long term ADSRP operations with the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE). 	Capital Improvement Program (CIP) Stream Planning and Operations Committee (SPOC)
	Strategy #5 Promote Making Water Conservation a California Way of Life in Santa Clara County.		<ul style="list-style-type: none"> • Increase communication and education outreach to promote Valley Water's water conservation programs to customers. • Increase collaboration with retailers to promote Valley Water's water conservation programs. • Implement new water conservation programs and engagement strategies identified within the Water Conservation Strategic Plan. • Engage and support private-sector stakeholders, local, state, and federal agencies that promote water conservation. 	Water Conservation and Demand Management Committee (WCaDMC)

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1

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2022 Work Plan: Agricultural Water Advisory Committee

Update: March 2022

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
GOAL	STRATEGY	FY22 FOCUS AREAS		MONITORING COMMITTEE
NATURAL FLOOD PROTECTION	Strategy #1 Plan, design and maintain flood protection projects with multiple benefits, including protecting ecosystem functions and enhancing habitat.	<ul style="list-style-type: none"> Continue to advance Shoreline EIA 11 levee construction. Finalize the One Water Coyote Creek Watershed plan and make significant progress on the Guadalupe and Pajaro watershed plans. Use a holistic approach to maintaining streams for flow conveyance and habitat enhancement. Complete construction of Phase I of the Upper Llagas Flood Protection Project, a multi-benefit project providing flood protection while restoring habitat and benefiting the environmental ecosystem. 		CIP BPPC
	Strategy #2 Provide flood protection equitably in all regions of the County, prioritizing disadvantaged communities.	<ul style="list-style-type: none"> Advance One Water Countywide Framework in a comprehensive manner that includes diverse community-wide stakeholders and the incorporation of environmental justice policies in all planning efforts. Continue progress on flood protection capital projects consistent with Valley Water's commitment to the Safe, Clean Water Program and equitably in all regions. 		CIP BPPC
GOAL	STRATEGY	FY22 FOCUS AREAS		MONITORING COMMITTEE
ENVIRONMENTAL STEWARDSHIP	Strategy #1 Attain net positive impact on the environment when implementing flood protection and water supply projects.	<ul style="list-style-type: none"> As part of the One Water Countywide Framework planning process, continue to develop an integrated water resource plan for each watershed, including appropriate metrics to monitor Valley Water's impacts on and benefit to the environment. Ensure that stewardship efforts are integrated and not focused primarily on mitigation. 		BPPC
	Strategy #2 Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation.	<ul style="list-style-type: none"> Continue efforts to protect the ecosystem and water quality of our water bodies and the integrity of our infrastructure. Such efforts include preventing stormwater pollution, increased implementation of green stormwater infrastructure, addressing mercury pollution, and homeless encampment clean ups. Continue partnerships and investments on a regional scale such as the South Bay Salt Pond Restoration and Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP). 		Homeless Encampment Committee (HEC) SPOC
	Strategy #3 Continue the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).	<ul style="list-style-type: none"> Continue implementation of feasibility studies, monitoring activities, and planning and construction of various fish passage improvements. 		SPOC

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1

Page 5 of 7

2022 Work Plan: Agricultural Water Advisory Committee

Update: March 2022

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
			<ul style="list-style-type: none"> • Advance the Guadalupe River and Stevens Creek Environmental Impact Report (EIR) consistent with all stakeholder agreements. • Develop a programmatic approach to implementing FAHCE settlement. • Advance Adaptive Management Plan to encompass all three creeks. 	

GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
BUSINESS MANAGEMENT	Strategy #1 Advance racial equity, diversity, and inclusion.	<ul style="list-style-type: none"> • Begin implementation of best practices to address internal and external disparities and build an organizational culture consistent with the Board's Resolution addressing racial equity, diversity, and inclusion. • Remain committed to environmental justice and the fair treatment and meaningful engagement of all people regardless of race, color, gender identity, disability status, national origin, tribe, culture, income, immigration status, or English language proficiency, with respect to the planning, projects, policies, services, and operations of Valley Water. 	Diversity and Inclusion Ad Hoc Committee (D&I)
	Strategy #2 Maintain appropriate staffing levels and expertise and ensure the safety of our staff.	<ul style="list-style-type: none"> • Develop and finalize a long-term staffing strategy that aligns with future capital and operational needs. • Develop classification career ladders to provide understanding of requirements for professional growth. • Advance the development of a skilled trades apprenticeship program. • Maximize the safety of staff working in creeks, homeless encampments and Valley Water facilities and continue to promote health & safety guidance to protect staff from public health emergencies and environmental impacts. 	D&I
	Strategy #3 Provide affordable and cost- effective level of services.	<ul style="list-style-type: none"> • Continue to establish benchmarking with other agencies, particularly water agencies, in order to understand areas for improvement. • Research and identify best practices from other agencies around water affordability, particularly with disadvantaged communities. • Establish Valley Water as a statewide leader in conversations around water affordability. 	Financial Sustainability Working Group (FSWG) Board Audit Committee (BAC)

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1

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2022 Work Plan: Agricultural Water Advisory Committee

Update: March 2022

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
	GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
	CLIMATE CHANGE	Strategy #1 Address future impacts of climate change to Valley Water's mission and operations.	Begin implementation of Climate Change Action Plan.	BPPC
9	Review and Comment to the Board on the Fiscal Year 2022 – 2023 Proposed Groundwater Production Charges	April 4	<ul style="list-style-type: none"> Review and comment to the Board on the Fiscal Year 2023 Proposed Groundwater Production Charges. (Action) 	
10	Flood-Managed Aquifer Recharge Preliminary Feasibility Study for Santa Clara County	April 4	<ul style="list-style-type: none"> Receive a presentation on the Flood-Managed Aquifer Recharge Preliminary Feasibility Study for Santa Clara County (Information) 	
11	Drought Response Plan Update – Benchmark Study	July 11	<ul style="list-style-type: none"> Receive a presentation on the Drought Response Plan Update – Benchmark Study (Information) 	
12	Review FY2023 Board Work Plan	July 11	<ul style="list-style-type: none"> Review the FY2023 Board Work Plan. (Information) 	

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